WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: East Point	City/County: Sharon, Sch	noharie County	Sampling Date: 20	17-July-11
Applicant/Owner: NextEra		State: New York	Sampling Point: W-A	RS-05; UPL-1
Investigator(s): Andrew Steiner, Ade	eline Bellesheim	Section, Township, Range:		
Landform (hillslope, terrace, etc.):	Plain Local r	elief (concave, convex, none):	None	Slope (%): 1-10
Subregion (LRR or MLRA):		Lat: 42.7666209 Long:	-74.5872511	Datum: WGS84
Soil Map Unit Name: Mohawk and H	Honeoye soils, 10 to 20 percent slopes (MhC)	NWI classificatio	n:
Are climatic/hydrologic conditions on t	the site typical for this time of year?	Yes 🟒 No (If n	o, explain in Remarks.)	
Are Vegetation, Soil, o	r Hydrology significantly disturbed	? Are "Normal Circums	tances" present?	Yes 🟒 No
Are Vegetation, Soil, o	r Hydrology naturally problematic	? (If needed, explain ar	ny answers in Remarks	.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No	If yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures her	e or in a separate report)	
TRC covertype is UPL. Area is upland, not all t	hree wetland parameter	s are present. toe of slope	

Wetland Hydrology Indicators:				
Primary Indicators (minimum of one is	required; check all that apply)	Secondary Indicators (minimum of two required)		
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	 Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) 	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery Sparsely Vegetated Concave Surface	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 			
Field Observations:				
Surface Water Present? Ye Water Table Present? Ye Saturation Present? Ye	s No ✓ Depth (inches): s No ✓ Depth (inches): s No ✓ Depth (inches):	Wetland Hydrology Present? Yes No		
(includes capillary fringe)		-		
Describe Recorded Data (stream gauge	, monitoring well, aerial photos, previous inspections), if	available:		
Remarks: No positive indication of wetland hydro	logy was observed.			

Sampling Point: W-ARS-05; UPL-1

Tree Stratum (Plot size: 30 ft)	Absolute	Dominant	Indicator	Dominance Test works	heet:		
	% Cover	Species?	Status	Number of Dominant S	pecies That	1	(A)
1. <i>Tilia americana</i>	40	Yes	FACU	Are OBL, FACW, or FAC			
2. <u>Acer saccharum</u>	15	Yes	FACU	Iotal Number of Domi	hant Species	4	(B)
3				ACTOSS All Strata.	nacios That		
4						25	(A/B)
5				Prevalence Index work	sheet:		
6				Total % Cover	of	Multiply	By:
7				OBL species	0	x 1 =	 0
	55	= Total Cov	er	EACW species	15	×2=	30
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	0	×3=	0
1. Fraxinus pennsylvanica	15	Yes	FACW	FACI I species	85	× 4 -	340
2				-	0	× 4 - × 5 -	040
3.				Column Totals	100	× 5	270 (D)
4.						(A) _	570 (B)
5.			<u> </u>	Prevalence in	10ex = B/A =	3./	
6.				Hydrophytic Vegetation	n Indicators:		
7.				1- Rapid Test for H	Hydrophytic V	/egetation	1
	15	= Total Cov	er	2 - Dominance Te	st is > 50%		
Herb Stratum (Plot size: 5 ft)		-		3 - Prevalence Inc	lex is $\leq 3.0^{1}$		
1. Rubus pensilvanicus	30	Yes	FACU	4 - Morphological	Adaptations	¹ (Provide	supporting
2.		·		data in Remarks or on	a separate sr	ieet)	(alaia)
3.				Problematic Hydr	opnytic vege	lation' (E)	(piain)
4.				indicators of hydric so	and wettan	a nyarolo matic	gy must be
5.		·		Definitions of Vegetatic	n Strata:	matic	
б. 		·		Tree Woody plants 3	(7.6 cm) or	r moro in	diameter at
7		·		hreast height (DBH) re	gardless of h	eight	ulameter at
8		·		Sanling/shrub - Woody	plants less t	han 3 in. [OBH and
9				greater than or equal t	o 3.28 ft (1 m) tall.	Dirana
10				Herb – All herbaceous	(non-woody)	, plants, reg	gardless of
11				size, and woody plants	less than 3.2	8 ft tall.	
12		·		Woody vines - All wood	dy vines great	ter than 3	.28 ft in
12	30	- Total Cov	or	height.			
Woody Vine Stratum (Plat size: 20 ft)	- 30	- 10101 COV		Hydrophytic Vegetatio	n Present?	YesN	No _
1							
2.							
S		·					
4		- Tatal Car					
	0		er				
Remarks: (Include photo numbers here or on a separate	e sheet.)						

unchaci	Matrix		Calan (masiat)	reat	ures Tranci	12	T	Demonto
(incrites)	Color (moist)	<u>%</u>	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-4	10YR 3/3	100		-		<u> </u>	Silt Loam	
4 - 16	10YR 4/3	100		-		<u> </u>	Silt Loam	
						<u> </u>		
						<u> </u>		
						<u> </u>		
		·		-				
		·		-				
Туре: С = (Concentration, D =	Depletio	n, RM = Reduced	Mat	rix, MS =	Masked Sand	Grains. ² Lo	ocation: PL = Pore Lining, M = Matrix.
Hydric Soil	Indicators:							Indicators for Problematic Hydric Soils ³ :
Histoso	l (A1)		Polyvalue Bel	ow S	urface (S	8) (LRR R, ML	RA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Histic El	pipedon (A2)		Thin Dark Su		(S9) (LRR	R, MLRA 149	IB)	Coast Prairie Redox (A16) (LRR K, L, R)
BIACK H	n Sulfide (A1)			/ Win d Ma	triv (E2)	(LKK K, L)		5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
Stratifie	ed Lavers (A5)		Depleted Ma	trix (l	=3)			Dark Surface (S7) (LRR K, L)
Deplete	d Below Dark Surfa	ace (A11	Redox Dark S	urfa	ce (F6)			Polyvalue Below Surface (S8) (LRR K, L)
Thick Da	ark Surface (A12)	•	Depleted Dar	k Su	rface (F7)			Thin Dark Surface (S9) (LRR K, L)
Sandy N	/lucky Mineral (S1)		Redox Depre	ssior	is (F8)			Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy C	Gleyed Matrix (S4)							Pleamont Floodplain Solis (F19) (MLRA 149B)
Sandy F	Redox (S5)							Mesic Spodic (TAO) (MERA 144A, 145, 149B) Red Parent Material (E21)
Strippe	d Matrix (S6)							Very Shallow Dark Surface (TE12)
Dark Su	urface (S7) (LRR R, N	/LRA 149	9B)					Other (Explain in Remarks)
	af budua a butia ya a		مروا بروا مروا مروا				laan dintuudan	
		etation	and wettand hydr	olog	y must be	e present, un	iess disturbe	
Restrictive	Type:		Nono			Hudric Soil	Procont?	Yes No (
	Type.		None			Hyuric Soli	resent	fes No _
	Depth (inches):							
≀emarks:								

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: East Poir	nt	City/	County: Sharon, Sch	oharie		Sampling Date:	2017-July-11
Applicant/Owner: N	lextEra			State:	New York	Sampling Point:	W-ARS-06; PFO-1
Investigator(s): And	rew Steiner, A	deline Bellesheim		Section, Towns	ship, Range:		
Landform (hillslope, te	rrace, etc.):	Depression	Local r	elief (concave,	convex, none):	None	Slope (%): 1-10
Subregion (LRR or MLF	RA): LRR	_		Lat: 42.76688	12 Long:	-74.587965	Datum: WGS84
Soil Map Unit Name:	Mohawk and	l Honeoye soils, 10 to	20 percent slopes (l	MhC)		NWI classifi	cation:
Are climatic/hydrologic	c conditions or	n the site typical for th	his time of year?	Yes 🟒	_ No (If n	o, explain in Rema	arks.)
Are Vegetation,	Soil,	or Hydrology si	gnificantly disturbed	? Are "N	ormal Circums	tances" present?	Yes 🟒 No
Are Vegetation,	Soil,	or Hydrology na	aturally problematic	? (If nee	ded, explain ar	y answers in Rem	narks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🯒 No _
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-ARS-06
Remarks: (Explain alternative procedures he	re or in a separate report)	
TRC covertype is PFO. Area is wetland, all th	ree wetland parameters a	re present. none	

Wetland Hydrology Indicators:						
Primary Indicators (minimum of on	e is required; check	<u>all that apply)</u>		Secondary Indicators (minimum of tw	<u>o required)</u>	
Surface Water (A1) High Water Table (A2) _✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Wa Aq Ma Hya Ox	ter-Stained Leaves (B9) uatic Fauna (B13) rl Deposits (B15) drogen Sulfide Odor (C1) idized Rhizospheres on Living F	Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 		
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) 				 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations:						
Surface Water Present?	Yes No 🟒	Depth (inches):		-		
Water Table Present?	Yes No 🟒	Depth (inches):		Wetland Hydrology Present? Yes	s 🟒 No	
Saturation Present?	Yes 🟒 No	Depth (inches):	2	_		
(includes capillary fringe)						
Describe Recorded Data (stream ga	auge, monitoring we	ll, aerial photos, previous inspe	ections), if	available:		
Remarks:						
A positive indication of wetland hyd	drology was observe	d (primary and secondary indi	cators wer	e present).		

Sampling Point: W-ARS-06; PFO-1

Tree Stratum (Plot size: <u>30 ft</u>)	Absolute	Dominant	Indicator	Dominance Test worksheet:		
1 Tilia amaginana	70 COVEI	Species:		Are OBL FACW or FAC	1	(A)
	40	Yes	FACU	Total Number of Dominant Species		
2. Acer saccharum	10	Yes	FACU	Across All Strata:	6	(B)
3				Percent of Dominant Species That		
4				Are OBL. FACW. or FAC:	16.7	(A/B)
5				Prevalence Index worksheet:		
6				Total % Cover of:	Multiply	Bv:
7				- OBL species 0	x 1 =	0
	50	= Total Cov	er	FACW species 75	x 2 =	150
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species 5	×3=	15
1. Fagus grandifolia	5	Yes	FACU	EACU species	× 1 -	260
2. Acer saccharum	5	Yes	FACU		×4- ×-	200
3. <i>Tilia americana</i>	5	Yes	FACU		x 5 =	0
4.				Column lotais 145	(A)	425 (B)
5.				Prevalence Index = B/A =	2.9	
6				Hydrophytic Vegetation Indicators:		
7				1- Rapid Test for Hydrophytic	/egetation	
/	15	- Total Cav	<u></u>	2 - Dominance Test is > 50%		
Llaub Chuchum (Dist size) 5 ft	15		ei	$_{✓}$ 3 - Prevalence Index is $\leq 3.0^{1}$		
Herb Stratum (Plot size:)	75	Vee		4 - Morphological Adaptations	¹ (Provide s	supporting
		res	FACW	data in Remarks or on a separate sh	ieet)	
2. Euthamia graminifolia	5	No	FAC	Problematic Hydrophytic Vege	tation ¹ (Ex	plain)
3				¹ Indicators of hydric soil and wetlan	d hydrolog	gy must be
4				present, unless disturbed or proble	matic	
5				Definitions of Vegetation Strata:		
6				Tree – Woody plants 3 in. (7.6 cm) o	r more in d	liameter at
7				breast height (DBH), regardless of h	eight.	
8				Sapling/shrub – Woody plants less t	han 3 in. D	BH and
9.				greater than or equal to 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous (non-woody)	plants, reg	ardless of
11.				size, and woody plants less than 3.2	.8 ft tall.	
12.				Woody vines – All woody vines grea	ter than 3.	28 ft in
	80	= Total Cov	er	height.		
Woody Vine Stratum (Plot size: 30 ft)		_		Hydrophytic Vegetation Present?	res 🟒 N	0
<u> </u>						
2				-		
3				•		
				•		
*		- Total Cav	<u></u>			
	0	- 10tal Cov	er			
Remarks: (Include photo numbers here or on a separa	ite sheet.)					
A positive indication of hydrophytic vegetation was ob	served (>50	0% of domin	ant species	indexed as OBL, FACW, or FAC).		

Sampling Point: W-ARS-06; PFO-1

(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ture	Remarks
1 - 4	10YR 2/1	100		_			Silt L	oam	
4 - 8	10YR 3/2	100		_			Silty Cla	ay Loam	
8 - 16	10YR 3/1	90	10YR 4/6	10	С	М	Cl	ау	
				_					
								<u> </u>	
				—					
	Concentration D						Canad Cusing 21		Linter Mar Marketer
ype: C = C	_oncentration, D =	Depleti	on, KM = Reduced	Mati	1x, MS =	Masked	Sand Grains. ² L	Location: PL = Pore	LINING, M = Matrix.
Juric Soll	Indicators:		Polyvaluo Po		urfaca (S	، ממו <i>ן</i> (מ		indicators for Pro	DDIemauc Hydric Solis ³ :
Histic Fi	pipedon (A2)		Thin Dark Su	rface	(S9) (I RR	R. MIR	∧, IVILINA 149D) A 149B)	2 cm Muck (A	10) (LRR K, L, MLRA 149B)
Black H	istic (A3)		Loamy Muck	y Min	eral (F1)	(LRR K, L	_)	Coast Prairie	Redox (A16) (LRR K, L, R)
∠ Hydrog	en Sulfide (A4)		Loamy Gleye	d Ma	trix (F2)			5 CITI MUCKY F	(S7) (I RR K 1)
_ Stratifie	ed Layers (A5)		Depleted Ma	trix (F	-3)			Polvvalue Bel	ow Surface (S8) (LRR K. L)
_ Deplete	ed Below Dark Surf	ace (A1	1) / Redox Dark S	Surfa	ce (F6)			Thin Dark Sur	rface (S9) (LRR K, L)
I NICK Da	ark Surface (A12)		Depleted Dai	rk Sui	Tace (F7)			Iron-Mangan	ese Masses (F12) (LRR K, L, R)
			Redux Debre	SSIO	15 (FO)				
Sandy (Cloved Matrix (S4)							Piedmont Flo	odplain Soils (F19) (MLRA 149B)
Sandy K Sandy C Sandy F	Gleyed Matrix (S4)							Piedmont Flo Mesic Spodic	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B)
Sandy (Sandy (Sandy F	Gleyed Matrix (S4) Redox (S5) d Matrix (S6)							Piedmont Flo Mesic Spodic Red Parent M	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21)
Sandy (Sandy (Sandy F Strippe Dark Su	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, I	MLRA 14	(redox bepre					Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Evplai	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) p in Pomarks)
Sandy (Sandy (Sandy F Stripper Dark Su	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, I	MLRA 14	19B)					Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy (Sandy F Strippe Dark Su ndicators	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, I of hydrophytic veg	MLRA 14	19B) and wetland hydr	ology	y must be	e presen	t, unless disturbe	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic.	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy (Sandy F Stripper Dark Su ndicators estrictive	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic veg Layer (if observed)	MLRA 14 getation	49B) and wetland hydr	ology	y must be	e presen	t, unless disturbe	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic.	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy (Sandy F Stripped Dark Su ndicators estrictive	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic veg Layer (if observed) Type:	MLRA 14 getation :	19B) and wetland hydr None	olog	y must be	e presen Hydric	t, unless disturbe Soil Present?	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic.	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy (Sandy F Stripped Dark Su ndicators estrictive	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hydr None	olog	y must be	e presen Hydric	t, unless disturbe Soil Present?	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic. Y	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy A Sandy C Sripped Dark Su ndicators estrictive	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hydr None	olog	y must be	e presen	t, unless disturbe Soil Present?	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic. Y	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy C Sandy C Stripped Dark Su ndicators estrictive	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	19B) and wetland hydr None	ology	y must be	e presen Hydric	t, unless disturbe Soil Present?	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic. Y	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy G Sandy G Sandy F Stripped Dark Su ndicators estrictive	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 14 getation : 	I9B) and wetland hydr None	olog	y must be	e presen Hydric	t, unless disturbe Soil Present?	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic. Y	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy (Sandy (Sandy F Stripped Dark Su ndicators estrictive	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hydr None	rolog	y must be	e presen Hydric	t, unless disturbe Soil Present?	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic. Y	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy (Sandy (Sandy F Stripped Dark Sundicators estrictive	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 14 getation ::	I9B) and wetland hydr None	rolog	y must be	e presen Hydric	t, unless disturbe	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic. Y	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy (Sandy (Sandy F Stripped Dark Su ndicators estrictive	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 14 getation ::	I9B) and wetland hydr None	rolog	y must be	e presen Hydric	t, unless disturbe	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic. Y	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy (Sandy (Sandy F Stripped Dark Su ndicators estrictive	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hydr None	rolog	y must be	e presen Hydric	t, unless disturbe Soil Present?	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic. Y	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy C Sandy G Stripped Dark Su ndicators estrictive	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, I <u>of hydrophytic veş</u> Layer (if observed) Type: Depth (inches):	MLRA 14 getation ::	I9B) and wetland hydr None	rolog	y must be	e presen Hydric	t, unless disturbe Soil Present?	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic. Y	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy C Sandy C Strippe Dark Su ndicators estrictive	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hydr None	rolog	y must be	e presen Hydric	t, unless disturbe Soil Present?	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic. Y	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy (Sandy (Sandy F Stripped Dark Su ndicators estrictive	ndication of byddia	MLRA 14 getation :	I9B) and wetland hydr None	rolog	y must be	e presen Hydric	t, unless disturbe Soil Present?	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic. Y	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy (Sandy (Sandy F Stripped Dark Su dicators estrictive emarks:	ndication of hydric	MLRA 14 getation : 	I9B) and wetland hydr None	rolog	y must be	e presen Hydric	t, unless disturbe	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic. Y	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy G Sandy G Sandy F Stripped Dark Su dicators estrictive emarks:	ndication of hydric	MLRA 14 getation : 	I9B) and wetland hydr None	rolog	y must be	e presen Hydric	t, unless disturbe Soil Present?	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic. Y	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy (Sandy F Dark Su Dark Su estrictive emarks:	ndication of hydric	MLRA 14 getation :	I9B) and wetland hydr None	rolog	y must be	e presen Hydric	t, unless disturbe Soil Present?	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic. Y	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks) // es _/_ No
Sandy (Sandy F Stripped Dark Su ndicators estrictive emarks:	ndication of hydric	MLRA 14 getation :	IPB) and wetland hydr None	rolog	y must be	e presen Hydric	t, unless disturbe Soil Present?	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic. Y	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy (Sandy F Dark Su Dark Su estrictive emarks:	ndication of hydric	MLRA 14	I9B) and wetland hydr None	rolog	y must be	e presen Hydric	t, unless disturbe Soil Present?	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic. Y	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks)
Sandy G Sandy G Sandy F Stripped Dark Su ndicators estrictive estrictive	ndication of hydric	MLRA 14	I9B) and wetland hydr None	rolog	y must be	e presen Hydric	t, unless disturbe Soil Present?	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic. Y	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks) //es _/_ No
Sandy (Sandy F Dark Su Dark Su estrictive emarks:	ndication of hydric	MLRA 14 getation :	IPB) and wetland hydr None	rolog	y must be	e presen Hydric	t, unless disturbe Soil Present?	Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explain ed or problematic. Y	odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) laterial (F21) Dark Surface (TF12) n in Remarks) // es _/_ No



WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: East Poin	ect/Site: East Point City/County: Sharon Sprin				Schoharie		Sampling Date: 2019-May-02		
Applicant/Owner: N	cant/Owner: NextEra				State: NY		Sampling Point: W-ARS-7; PEM-1		
Investigator(s): Jake	Brillo, Val Mitc	hell		Sect	ion, Township, Ra	nge:			
Landform (hillslope, te	rrace, etc.):	Swale	L(ocal relief	(concave, convex,	, none):	Flat	Slope (%): 1-10	
Subregion (LRR or MLR	RA): LRR R			Lat:	42.7696541464	Long:	-74.5815402456	Datum: WGS84	
Soil Map Unit Name:	Honeoye-Far	mington complex,	, 10 to 20 percent	slopes			NWI classifi	cation:	
Are climatic/hydrologic	conditions on	the site typical fo	r this time of year	?	Yes 🟒 No 🔄	(If no	o, explain in Rema	rks.)	
Are Vegetation,	Soil,	or Hydrology	significantly distu	urbed?	Are "Normal (Circums	tances" present?	Yes 🟒 No	
Are Vegetation,	Soil,	or Hydrology	_ naturally probler	natic?	(If needed, ex	plain ar	ny answers in Rem	arks.)	

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Hydric Soil Present?	Yes 🖌 No Yes 🖌 No	Is the Sampled Area within a Wetland?	Yes 🖌 No
Wetland Hydrology Present?	Yes _ 🖌 No	If yes, optional Wetland Site ID:	 W-ARS-7
Remarks: (Explain alternative procedur	es here or in a separate repo	prt)	
TRC covertype is PEM.			

Wetland Hydrology Indicators:					
Primary Indicators (minimum of or	ne is required: ch	neck all th	at apply)		Secondary Indicators (minimum of two required)
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	-	_ Water-S _ Aquatic _ Marl De _ Hydroge _ Oxidizee	tained Leaves (B9) Fauna (B13) posits (B15) en Sulfide Odor (C1) d Rhizospheres on Living Roo	ots (C3)	Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) <caturation (c9)<="" aerial="" imagery="" on="" td="" visible=""></caturation>
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	 agery (B7) urface (B8)	_ Presenc _ Recent l _ Thin Mu _ Other (E	e of Reduced Iron (C4) ron Reduction in Tilled Soils (ick Surface (C7) xplain in Remarks)	(C6)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:					
Surface Water Present?	Yes No	∠	Depth (inches):		
Water Table Present?	Yes No	∠	Depth (inches):		Wetland Hydrology Present? Yes No
Saturation Present?	Yes 🟒 No 🔤		Depth (inches):	0	
(includes capillary fringe)					
Describe Recorded Data (stream g	auge, monitorin	g well, ae	rial photos, previous inspecti	ions), if a	ivailable:

Sampling Point: W-ARS-7; PEM-1

	Absoluto	Dominant	Indicator	Dominance Test worksh	neet.		
Tree Stratum (Plot size: <u>30 ft</u>)	% Cover	Species?	Status	Number of Dominant S	pecies That		
1				Are OBL, FACW, or FAC:		1	(A)
2		<u> </u>		Total Number of Domin	ant Species	1	(D)
				Across All Strata:		I	(B)
				Percent of Dominant Sp	oecies That	100	(A/R)
т. 				Are OBL, FACW, or FAC:		100	(A/D)
5				Prevalence Index works	heet:		
7				Total % Cover	<u>of:</u>	<u>Multiply I</u>	<u>By:</u>
/		- Total Cov	or	OBL species	25	x 1 =	25
Sapling/Shrub Stratum (Blot cizo: 15 ft)	0		-1	FACW species	85	x 2 =	170
1				FAC species	0	x 3 =	0
·		<u> </u>		FACU species	0	x 4 =	0
2.				UPL species	0	x 5 =	0
S				Column Totals	110	(A)	195 (B)
				Prevalence In	dex = B/A =	1.8	
S				Hydrophytic Vegetation	Indicators:		
0				1- Rapid Test for H	ydrophytic V	egetation	
/				2 - Dominance Tes	st is >50%		
	0	= lotal Cove	er	3 - Prevalence Ind	ex is $\leq 3.0^1$		
Herb Stratum (Plot size: <u>5 ft</u>)	05		EA CIA/	4 - Morphological	Adaptations ¹	(Provide s	supporting
1. Phalaris arundinacea	85	Yes	FACW	data in Remarks or on a	a separate sh	ieet)	
2. Lythrum salicaria	15	<u>N0</u>	OBL	Problematic Hydro	ophytic Vege	tation ¹ (Ex	plain)
3. Typha angustifolia	10	NO	OBL	¹ Indicators of hydric soi	l and wetlan	d hydrolog	gy must be
4.		<u> </u>		present, unless disturbe	ed or probler	natic	
5.				Definitions of Vegetatio	n Strata:		
6.				Tree – Woody plants 3 in	n. (7.6 cm) or	more in c	liameter at
7				breast height (DBH), reg	gardless of h	eight.	
8				Sapling/shrub - Woody	plants less th	han 3 in. D	BH and
9				greater than or equal to) 3.28 IL (1 M)) lall. planta roa	ardlace of
10		<u> </u>		Herb – All herbaceous (non-woody) less than 3-2	piants, reg 8 ft tall	ardiess of
11				Woody vines - All wood	v vines great	or than 3	28 ft in
12				height.	y vines great	ter than 5.	2010111
	110	= Total Cove	er	Hydrophytic Vogotation	Drocont?		•
Woody Vine Stratum (Plot size: <u>30 ft</u>)						les IN	0
1							
2							
3							
4							
	0	= Total Cove	er				
Remarks: (Include photo numbers here or on a separa	ite sheet.)						

Depth	cription: (Describe Matrix	to the c	Redo Redo	docui x Fea	ment the tures	indicator	or confirm the at	sence of indicate	ors.)
(inches)	Color (moist)	%	Color (moist)	<u>%</u>	Type ¹	Loc ²	Textu	ıre	Remarks
0 - 2	10YR 3/2	100		·			Silt Lo	am	
2 - 9	2.5Y 4/1	85	7.5YR 4/6	15	С	M/PL	Silty Clay	Loam	
				·				<u> </u>	
				·					
				·					
				·					
				·					
				·					
				·					
Гуре: С = С	 Concentration, D =	Depleti	on, RM = Reduce	d Ma	trix, MS =	Masked	Sand Grains. ² Lo	ocation: PL = Pore	e Lining, M = Matrix.
ydric Soil	Indicators:							Indicators for P	roblematic Hydric Soils ³ :
Histoso	l (A1)		Polyvalue B	elow	Surface (58) (LRR F	R, MLRA 149B)	2 cm Muck	(A10) (I RR K. J. MI RA 149R)
Histic Ep	pipedon (A2)		Thin Dark S	urfac	e (S9) (LR	R R, MLRA	A 149B)	Coast Prairi	e Redox (A16) (LRR K. L. R)
Black Hi	istic (A3)		Loamy Muc	ky Mi	neral (F1) (LRR K, L	.)	5 cm Mucky	Peat or Peat (S3) (LRR K, L, R)
Hydroge	en Sulfide (A4)		Loamy Gley	ed M	atrix (F2)			Dark Surfac	e (S7) (LRR K, L)
_ Stratifie	d Layers (A5)	Faca (A1)	Depleted M	atrix	(F3)			Polyvalue B	elow Surface (S8) (LRR K, L)
Thick D:	ark Surface (A12)	lace (Al	Depleted Dark	SUI Id ark Si	ice (FO) irface (F7	7)		Thin Dark S	urface (S9) (LRR K, L)
			Bedox Depr	essio	ns (F8)	,		Iron-Manga	nese Masses (F12) (LRR K, L, R)
Sandy M	/luckv Mineral (S1)							Diadmont F	loodplain Soile (E10) (MI DA 1/0B)
Sandy N Sandy G	/lucky Mineral (S1) Gleved Matrix (S4)								
Sandy N Sandy G Sandy R	/lucky Mineral (S1) Gleyed Matrix (S4) Redox (S5)							Mesic Spod	ic (TA6) (MLRA 144A, 145, 149B)
Sandy N Sandy G Sandy R Stripped	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6)							Mesic Spod Red Parent	ic (TA6) (MLRA 144A, 145, 149B) Material (F21)
Sandy N Sandy C Sandy R Stripped Dark Su	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) ırface (S7) (LRR R, l	MLRA 14	(Kedok Depi					Mesic Spod Red Parent Very Shallov	ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12)
Sandy N Sandy G Sandy R Stripped Dark Su	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, I	MLRA 14	19B)					Pledmont P Mesic Spod Red Parent Very Shallov Other (Expla	ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
Sandy N Sandy C Sandy R Stripped Dark Su ndicators	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R , I <u>of hydrophytic ve</u>	MLRA 14	19B) and wetland hyd	drolog	gy must t	oe presen	t, unless disturbe	Pledmont P Mesic Spod Red Parent Very Shallov Other (Expla d or problematic	ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
Sandy N Sandy C Sandy R Stripped Dark Su ndicators estrictive I	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, I of hydrophytic ve; Layer (if observed)	MLRA 14 getation):	49B) and wetland hyd	drolog	gy must b	be presen	t, unless disturbe	Pledmont P Mesic Spod Red Parent Very Shallov Other (Expla d or problematic	ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
Sandy N Sandy C Sandy R Stripped Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, of hydrophytic ve Layer (if observed Type: Donth (inchoc);	MLRA 14 getation):	and wetland hyd	drolog	gy must b	e presen	t, unless disturbe oil Present?	Pledmont P Mesic Spod Red Parent Very Shallov Other (Expla d or problematic	ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
_ Sandy N _ Sandy C _ Sandy R _ Stripped _ Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic ve Layer (if observed Type: Depth (inches):	MLRA 14 getation):	I9B) and wetland hyd Rocks 9	drolog	gy must t	e presen Hydric S	t, unless disturbe oil Present?	Pledmont P Mesic Spod Red Parent Very Shallov Other (Expla d or problematic	ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
_ Sandy N _ Sandy C _ Sandy R _ Stripped _ Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R , l of hydrophytic ve Layer (if observed Type: Depth (inches):	MLRA 14 getation): 	I9B) and wetland hyd Rocks 9	drolog	gy must t	be presen	t, unless disturbe oil Present?	Pledmont P Mesic Spod Red Parent Very Shallow Other (Expla d or problematic	ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
_ Sandy N _ Sandy C _ Sandy R _ Stripped _ Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R , l of hydrophytic ver Layer (if observed Type: Depth (inches):	MLRA 14 getation):	I9B) and wetland hyd Rocks 9	drolog	gy must t	e presen Hydric S	t, unless disturbe oil Present?	Pledmont P Mesic Spod Red Parent Very Shallov Other (Expla d or problematic	ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
_ Sandy N _ Sandy C _ Sandy R _ Stripped _ Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, l <u>of hydrophytic vej</u> Layer (if observed Type: Depth (inches):	MLRA 14 getation):	IPB) and wetland hyd Rocks 9	drolog	gy must t	e presen Hydric S	t, unless disturber oil Present?	Predmont P	ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks) Yes No
_ Sandy N _ Sandy C _ Sandy F _ Stripped _ Dark Su dicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, 1 <u>of hydrophytic ve;</u> Layer (if observed Type: Depth (inches):	MLRA 14 getation):	IPB) and wetland hyd Rocks 9	drolog	gy must t	e presen Hydric S	t, unless disturber oil Present?	Predmont P Mesic Spod Red Parent Very Shallov Other (Expla d or problematic	Yes No
_ Sandy N _ Sandy C _ Sandy F _ Stripped _ Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, of hydrophytic ve; Layer (if observed) Type: Depth (inches):	MLRA 14 getation):	I9B) and wetland hyd Rocks 9	drolog	gy must t	Hydric S	t, unless disturber oil Present?	Predmont P	Yes No
_ Sandy N _ Sandy C _ Sandy F _ Stripped _ Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, l <u>of hydrophytic ve</u> <u>Layer (if observed</u> Type: <u>Depth (inches):</u>	MLRA 14 getation):	I9B) and wetland hyd Rocks 9	drolog	gy must b	Hydric S	t, unless disturbe oil Present?	Pledmont P	ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
_ Sandy N _ Sandy C _ Sandy F _ Stripped _ Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, I <u>of hydrophytic ve</u> Layer (if observed Type: <u>Depth (inches):</u>	MLRA 14 getation):	I9B) and wetland hyd Rocks 9	drolog	gy must b	Hydric S	t, unless disturbe	Pledmont P	ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
_ Sandy N _ Sandy C _ Sandy F _ Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic ve Layer (if observed Type: Depth (inches):	MLRA 14 getation):	<u>I9B)</u> and wetland hyd Rocks 9	drolog	gy must b	Hydric S	t, unless disturbe oil Present?	Predmont P	ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
_ Sandy N _ Sandy C _ Sandy F _ Strippec _ Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, I of hydrophytic ve Layer (if observed Type: Depth (inches):	MLRA 12 getation):	IPB) and wetland hyd Rocks 9	drolog	gy must t	Hydric S	t, unless disturbe oil Present?	Predmont P	Yes No
_ Sandy N _ Sandy C _ Sandy F _ Stripped _ Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, I of hydrophytic ver Layer (if observed Type: Depth (inches):	MLRA 12 getation):	IPB) and wetland hyd Rocks 9	drolog	gy must b	e presen Hydric S	t, unless disturbe	Predmont P	Yes _ / _ No
_ Sandy N _ Sandy C _ Sandy F _ Stripped _ Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) irface (S7) (LRR R, 1 <u>of hydrophytic ve;</u> Layer (if observed Type: Depth (inches):	MLRA 14 getation):	IPB) and wetland hyd Rocks 9	drolog	gy must b	e presen Hydric S	t, unless disturber oil Present?	Predmont P	Yes No
_ Sandy N _ Sandy C _ Sandy F _ Stripper _ Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, 1 <u>of hydrophytic ve;</u> Layer (if observed) Type: Depth (inches):	MLRA 14 getation):	IPB) and wetland hyd Rocks 9	drolog	gy must t	e presen Hydric S	t, unless disturber oil Present?	Predmont P	Yes No
_ Sandy N _ Sandy C _ Sandy F _ Stripped _ Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, 1 <u>of hydrophytic ve;</u> Layer (if observed) Type: Depth (inches):	MLRA 14 getation):	IPB) and wetland hyd Rocks 9	drolog	gy must t	e presen Hydric S	t, unless disturber oil Present?	Predmont P	Yes No
_ Sandy N _ Sandy C _ Sandy F _ Stripper _ Dark Su ndicators estrictive I 	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, <u>of hydrophytic ve</u> Layer (if observed Type: Depth (inches):	MLRA 14 getation):	IPB) and wetland hyd Rocks 9	drolog	gy must t	Hydric S	t, unless disturbe oil Present?	Pledmont P	Yes No
Sandy N Sandy C Sandy F Stripper Dark Su ndicators estrictive I emarks:	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, I <u>of hydrophytic ve</u> Layer (if observed , Type: <u>Depth (inches):</u>	MLRA 14 getation):	IPB) and wetland hyd Rocks 9	drolog	gy must b	Hydric S	t, unless disturbe	Pledmont P	Yes No
Sandy N Sandy C Sandy F Stripper Dark Su ndicators estrictive I emarks:	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, I of hydrophytic ver Layer (if observed, Type: Depth (inches):	MLRA 14 getation):	I9B) and wetland hyd Rocks 9	drolog	gy must b	Hydric S	t, unless disturbe	Predmont P	Yes No
_ Sandy N _ Sandy C _ Sandy F _ Stripper _ Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, I of hydrophytic ver Layer (if observed Type: Depth (inches):	MLRA 12 getation):	IPB) and wetland hyd Rocks 9	droloş	gy must b	Hydric S	t, unless disturbe oil Present?	Predmont P	Yes No
_ Sandy N _ Sandy C _ Sandy F _ Stripper _ Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, I of hydrophytic ve Layer (if observed Type: Depth (inches):	MLRA 12 getation):	IPB) and wetland hyd Rocks 9	droloş	gy must b	Hydric S	t, unless disturbe	Predmont P	Yes No

Soil Photos





WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: East Point	City/County: Sh	haron, Schoharie	Sampling Date:	2017-July-11
Applicant/Owner: NextEra	à	State: NY	Sampling Point: W	/-ARS-07; PFO-1
Investigator(s): Andrew St				
Landform (hillslope, terrace,	etc.): Swamp	Local relief (concave, convex, nor	ie): Concave	Slope (%): 0-1
Subregion (LRR or MLRA):	LRR L	Lat: 42.7683535 Lo	ng: -74.5882868	Datum: WGS84
Soil Map Unit Name: Hone	eoye-Farmington complex, 10 to 20 per	cent slopes (HfC)	NWI classifica	ition:
Are climatic/hydrologic cond	itions on the site typical for this time of	year? Yes 🖌 No (I	f no, explain in Remark	<s.)< td=""></s.)<>
Are Vegetation, Soil	, or Hydrology significantly	disturbed? Are "Normal Circu	mstances" present?	Yes 🟒 No
Are Vegetation, Soil	, or Hydrology naturally pro	oblematic? (If needed, explain	any answers in Rema	rks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No _
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-ARS-07
Remarks: (Explain alternative procedures he	re or in a separate report)	
TRC covertype is PFO. Area is wetland, all th	ree wetland parameters a	re present. none	

Wetland Hydrology Indicators:							
Primary Indicators (minimum of on	<u>e is required; check</u>	all that apply)		Secondary Indicators (minimum of two required)			
Surface Water (A1) High Water Table (A2) _✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Wa Aq Ma Hy Ox	ater-Stained Leaves (B9) uatic Fauna (B13) arl Deposits (B15) drogen Sulfide Odor (C1) idized Rhizospheres on Living	Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 			
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	Pre Re Thi agery (B7) Oth rface (B8)	esence of Reduced Iron (C4) cent Iron Reduction in Tilled So in Muck Surface (C7) her (Explain in Remarks)	oils (C6)				
Field Observations:	. ,						
Surface Water Present?	Yes No 🟒	Depth (inches):		-			
Water Table Present?	Yes No 🟒	Depth (inches):		Wetland Hydrology Present? Yes _ Vo			
Saturation Present?	Yes 🟒 No	Depth (inches):	0				
(includes capillary fringe)							
Describe Recorded Data (stream ga	auge, monitoring we	ell, aerial photos, previous insp	ections), if	available:			
Remarks:							
A positive indication of wetland hyd	drology was observe	ed (primary and secondary indi	icators wer	'e present).			

Sampling Point: W-ARS-07; PFO-1

<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)	Absolute % Cover	Species?	Status	Number of Dominant	t Species That	4	(A)
1. Fraxinus pennsylvanica	30	Yes	FACW	Are OBL, FACW, or FA	NC:		(~)
2.				Total Number of Dom	ninant Species	4	(B)
3				Across All Strata:			
4				 Percent of Dominant Are OBL, FACW, or FA 	Species That	100	(A/B)
5				Prevalence Index wor	rksheet:		
6				- Total % Cove	er of:	Multiply E	3v:
7				- OBL species	70	x 1 =	
	30	= Total Cov	er	FACW species	30	x 2 =	60
apling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	33	x3=	99
1. Carpinus caroliniana	10	Yes	FAC	- FACU species		×4 =	0
2. Rhamnus cathartica	10	Yes	FAC			×5=	
3				- Column Totals	122	×) –	220 (P)
4				- Prevalence	IDdex = B/A =	(A)	229 (D)
5						1./	
5				Hydrophytic Vegetati	on Indicators:	(
7.				- 1- Rapid Test for	r Hydrophytic \	/egetation	
	20	= Total Cov	er	2 - Dominance Test is >50%			
Herb Stratum (Plot size: <u>5 ft</u>)	-	-		3 - Prevalence Ir	ndex is $\leq 3.0^{\circ}$		
1. <i>Carex vulpinoidea</i>	70	Yes	OBL	4 - Morphologic	al Adaptations	' (Provide s	upporting
2. Eutrochium purpureum	8	No	FAC		dropbytic Vogo	tation1 (Evr	alain)
3. <i>Geum canadense</i>	5	No	FAC	Problematic Hy	ail and wotlan		Jidili)
4.				nresent unless distu	rbed or proble	u nyurolog matic	y must be
5.				Definitions of Vegeta	tion Strata:	induc	
5.				Tree - Woody plants	3 in (7.6 cm) o	r more in d	iameter a
7.				breast height (DBH).	regardless of h	eight.	unicter u
3.				Sapling/shrub - Woo	dy plants less t	han 3 in. D	BH and
9.				greater than or equal	l to 3.28 ft (1 m) tall.	
10.				Herb – All herbaceou	s (non-woody)	plants, reg	ardless of
11				size, and woody plan	ts less than 3.2	8 ft tall.	
12				Woody vines – All wo	ody vines grea	ter than 3.2	28 ft in
	83	= Total Cov	or	height.			
Woody Vine Stratum (Plot size: 30 ft)		-	ci	Hydrophytic Vegetat	ion Present?	res 🟒 No	0
1							
י. 	<u></u>			-			
<u></u>	<u></u>			-			
				-			
4		- Tetal C		-			
	0	= Iotal Cov	er				

Sampling Point: W-ARS-07; PFO-1

(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Т	exture	Remarks
0 - 7	10YR 2/1	100					Muck	y Silt Loam	
7 - 16	10YR 3/1	80	10YR 5/3	20	С	М	Gravelly	/ Sandy Loam	
				—					
				—					
				—					
				_					
				_					
	Concontration D -	Doplati		Mat		Maskad	Cand Crains 21	acation: DL - Dara Lini	
ype: C = C vdric Soil	Indicators:	Depleti	on, RM = Reduced	Iviati	1X, IVIS =	wasked	Sand Grains. ² L	Indicators for Proble	ematic Hydric Soils ^{3.}
Histoso	(A1)		Polvvalue Be	low S	urface (S	8) (LRR	R. MLRA 149B)	2 cm Musk (A10)	
Histic E	pipedon (A2)		Thin Dark Su	rface	(S9) (LRR	R, MLR	A 149B)	Coast Prairie Re	dox (A16) (LRR K. L. R)
Black H	istic (A3)		_✓ Loamy Muck	y Min	eral (F1)	(LRR K, L	_)	5 cm Mucky Pea	t or Peat (S3) (LRR K, L, R)
∠ Hydrog	en Sulfide (A4)		Loamy Gleye	d Ma	trix (F2)			Dark Surface (S7	7) (LRR K, L)
_ Stratifie	ed Layers (A5)	() 1 1	Depleted Ma	trix (F	-3)			Polyvalue Below	/ Surface (S8) (LRR K, L)
_ Depiete	ark Surface (A12)	ace (AT	Depleted Dark :	suria rk Sui	ce (F6) faco (E7)			Thin Dark Surfac	ce (S9) (LRR K, L)
Sandy N	ducky Mineral (S1)		Depieted Da	ssion	1ace (F7) is (F8)	,		Iron-Manganese	e Masses (F12) (LRR K, L, R)
Sandy (Gleved Matrix (S4)			.33101	13 (1 0)			Piedmont Flood	plain Soils (F19) (MLRA 149B)
_ Januy (Mesic Spodic (TA	A6) (MLRA 144A, 145, 149B)
Sandy P	Reday (SS)								
_ Sandy F	Redox (S5) d Matrix (S6)							Red Parent Mate	erial (F21)
Sandy F Strippe Dark Su	Redox (S5) d Matrix (S6) urface (S7) (LRR R. l	MLRA 14	.9B)					Red Parent Mate	erial (F21) rk Surface (TF12)
Sandy F Strippe Dark Su	Redox (S5) d Matrix (S6) urface (S7) (LRR R, I	MLRA 14	98)					Red Parent Mate Very Shallow Da Other (Explain ir	erial (F21) rk Surface (TF12) n Remarks)
Sandy F Strippe Dark Su ndicators	Redox (S5) d Matrix (S6) urface (S7) (LRR R, l <u>of hydrophytic ve</u> Lavar (if abapmed)	MLRA 14 getation	9 B) and wetland hydi	rology	/ must be	e presen	t, unless disturbe	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks)
Sandy F Strippe Dark Su ndicators estrictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic ver Layer (if observed)	MLRA 14 getation):	9 B) and wetland hydi	rology	/ must be	e presen	t, unless disturbe	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks)
Sandy F Strippe Dark Su ndicators estrictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic ver Layer (if observed) Type: Death (inches):	MLRA 14 getation	9 B) and wetland hydr None	rology	/ must be	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes No
Sandy F Strippe Dark Su ndicators estrictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, l of hydrophytic ver Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	9 B) and wetland hydi None	rology	/ must be	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes No
Sandy F Strippe Dark Su ndicators estrictive emarks:	Redox (S5) d Matrix (S6) urface (S7) (LRR R, l of hydrophytic ve _i Layer (if observed) Type: Depth (inches):	MLRA 14 getation):	9 B) and wetland hydi None	rology	/ must be	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes No
_ Sandy F _ Strippe _ Dark Su ndicators estrictive emarks:	Redox (S5) d Matrix (S6) urface (S7) (LRR R, l of hydrophytic ve _i Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	9 B) and wetland hydr None	rology	/ must be	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes No
Sandy F Strippe Dark Su ndicators estrictive estrictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic ver Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	9 B) and wetland hydr None	rology	/ must be	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes No
_ Sandy F _ Strippe _ Dark Su <u>ndicators</u> <u>estrictive</u>	Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic ve _t Layer (if observed) Type: Depth (inches):	MLRA 14 getation ; 	9 B) and wetland hydi None	rology	y must be	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes No
_ Sandy F _ Strippe _ Dark Su ndicators estrictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic ver Layer (if observed) Type: <u>Depth (inches):</u>	MLRA 14 getation :	9 B) and wetland hydr None	rology	/ must be	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes No
_ Sandy F _ Strippe _ Dark Sundicators estrictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, l of hydrophytic ver Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	9 B) and wetland hydi None	rology	/ must be	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes No
_ Sandy F _ Strippe _ Dark Su ndicators estrictive emarks:	Redox (S5) d Matrix (S6) urface (S7) (LRR R, l of hydrophytic ve _i Layer (if observed) Type: Depth (inches):	MLRA 14 getation): 	9 B) and wetland hydi None	rology	y must be	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes No
_ Sandy F _ Strippe _ Dark Su ndicators estrictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, l of hydrophytic ver Layer (if observed) Type: Depth (inches):	MLRA 14 getation): 	9 B) and wetland hydi None	<u>rolog</u>	y must be	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes No
_ Sandy F _ Strippe _ Dark Su ndicators estrictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, l of hydrophytic ve _i Layer (if observed) Type: Depth (inches):	MLRA 14 getation): 	9 B) and wetland hydi None	rology	y must be	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes No
_ Sandy F _ Strippe _ Dark Su ndicators estrictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, l of hydrophytic ve _i Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	9 B) and wetland hydi None	rology	y must be	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes No
_ Sandy F _ Strippe _ Dark Su ndicators estrictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic ve _i Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	9 B) and wetland hydr None		y must be	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes No
Sandy F Strippe Dark Su ndicators estrictive emarks:	Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic ve Layer (if observed) Type: Depth (inches): Notestion of hydric	MLRA 14 getation :	9 B) and wetland hydr None	rolog	y must be	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes No
Sandy F Strippe Dark Su ndicators estrictive emarks:	Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic ver Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	19 B) <u>and wetland hydr</u> <u>None</u>	rolog	y must be	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes No
Sandy F Strippe Dark Su estrictive estrictive emarks:	Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	9 B) and wetland hydr None	rolog	γ must be	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes No
Sandy F Strippe Dark Su ndicators estrictive emarks: positive i	Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic ve Layer (if observed) Type: Depth (inches): ndication of hydrid	MLRA 14 getation :	19 B) and wetland hydr None	<u>rolog</u>	<u>y must be</u>	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes _ /_ No
Sandy F Strippe Dark Su ndicators estrictive emarks:	Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic ver Layer (if observed) Type: Depth (inches): ndication of hydric	MLRA 14 getation :	19 B) <u>and wetland hydr</u> <u>None</u>	rolog	<u>y must be</u>	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes No
_ Sandy F _ Strippe _ Dark Su ndicators estrictive emarks:	Redox (S5) d Matrix (S6) urface (S7) (LRR R, I of hydrophytic ve Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	9 B) and wetland hydr None	rolog	y must be	e presen Hydric	t, unless disturbe Soil Present?	Red Parent Mate Very Shallow Da Other (Explain ir ed or problematic.	erial (F21) rk Surface (TF12) n Remarks) Yes No



WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: East Point		City/County: Sharon Springs,	Schoharie		Sampling Date: 2019-May-02		
Applicant/Owner: NextEra			State: NY	Sampling Point: W-ARS-7; PUB-1			
Investigator(s): Jake Brillo, Val Mitchell Section, Township, Range:							
Landform (hillslope, terrace, etc	.): Depression	Local relief	(concave, convex,	none):	Concave	Slope (%): 0-1	
Subregion (LRR or MLRA):	LRR R	Lat:	42.7698109299	Long:	-74.5815705881	Datum: WGS84	
Soil Map Unit Name: Water					NWI classific	ation:	
Are climatic/hydrologic conditio	ns on the site typical	for this time of year?	Yes 🟒 No 🔄	(If no	o, explain in Rema	rks.)	
Are Vegetation, Soil,	or Hydrology	significantly disturbed?	Are "Normal (Circums	tances" present?	Yes 🟒 No	
Are Vegetation, Soil,	or Hydrology	naturally problematic?	(If needed, ex	plain an	y answers in Rem	arks.)	

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🯒 No
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-ARS-7
Remarks: (Explain alternative procedur	es here or in a separate rep	port)	
TRC covertype is PLIB			

Wetland Hydrology Indicators:						
Primary Indicators (minimum of o	ne is required; check all	<u>that apply)</u>		Secondary Indicators (minimum of two required)		
 ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	Water ∕ Aquat Marl I Hydro Oxidiz	-Stained Leaves (B9) ic Fauna (B13) Deposits (B15) gen Sulfide Odor (C1) ied Rhizospheres on Living	g Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imageny (C9) 		
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Im Sparsely Vegetated Concave Si 	Preser Recen Thin N nagery (B7) Other urface (B8)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) ✓ FAC-Neutral Test (D5) 				
Field Observations:						
Surface Water Present?	Yes 🖌 No	Depth (inches):	18			
Water Table Present?	Yes 🟒 No	Depth (inches):	0	- Wetland Hydrology Present? Yes _∠_ No		
Saturation Present?	Yes 🟒 No	Depth (inches):	0	_		
(includes capillary fringe)						
Describe Recorded Data (stream g	gauge, monitoring well, a	aerial photos, previous ins	pections), if	available:		

Sampling Point: <u>W-ARS-7; PUB-1</u>

	Absolute	Dominant	Indicator	Dominance Test worksh	neet:		
Tree Stratum (Plot size: <u>30 ft</u>)	% Cover	Species?	Status	Number of Dominant S	pecies That	-	(4)
1.		. <u> </u>		Are OBL, FACW, or FAC:		2	(A)
2.	·			Total Number of Domin	ant Species	2	(P)
3.	·			Across All Strata:		Z	(D)
4.	·			Percent of Dominant Sp	oecies That	100	(A/B)
5.	·			Are OBL, FACW, or FAC:			(,,,,,,)
6.	·			 Prevalence Index works 	heet:		
7	·			- <u>Total % Cover</u>	<u>of:</u>	Multiply	<u>By:</u>
···	0	= Total Cov	er	- OBL species	18	x 1 =	18
Sanling/Shrub Stratum (Plot size: 15 ft)		-		FACW species	0	x 2 =	0
1				FAC species	0	x 3 =	0
2				- FACU species	0	x 4 =	0
2. 				- UPL species	0	x 5 =	0
				- Column Totals	18	(A)	18 (B)
T				Prevalence In	dex = B/A =	1	
5	·			Hydrophytic Vegetation	Indicators:		
7	·			1- Rapid Test for H	lydrophytic V	/egetation	
···		- Total Cov	or	2 - Dominance Tes			
Harb Stratum (Plot size: 5 ft)	0	- 10tai COV		3 - Prevalence Inde	ex is $\leq 3.0^1$		
<u>Tropa angustifolia</u>	10	Voc	OBI	4 - Morphological	Adaptations	¹ (Provide s	supporting
2 Lythrum salicaria	<u> </u>	Voc		- data in Remarks or on a	a separate sh	neet)	
3		103	ODL	Problematic Hydro	ophytic Vege	tation ¹ (Ex	plain)
	·			- ¹ Indicators of hydric soi	l and wetlan	d hydrolog	gy must be
т. 	·			present, unless disturbe	ed or problei	matic	
5	·			_ Definitions of vegetatio	n Strata:		
7	·			_ Iree - woody plants 3 ii	n. (7.6 Cm) OI	n more in c Aight	nameter at
8				Sanling/shrub - Woody	nlants less t	han 3 in Γ	BH and
9	·			greater than or equal to) 3.28 ft (1 m) tall.	
10				Herb – All herbaceous (non-woody)	<i>,</i> plants, reg	ardless of
11	·			size, and woody plants	less than 3.2	8 ft tall.	
12	·			Woody vines – All wood	y vines great	ter than 3.	28 ft in
12	18	- Total Cov	or	height.			
Woody Vine Stratum (Plot size: 30 ft)	10		CI	Hydrophytic Vegetatior	n Present?	res 🟒 N	0
1							
2	·			-			
3				-			
л				-			
T	0	= Total Cov	or	-			
		-					
Remarks. (Include photo numbers here of on a separa	të sheet.)						

nches) Color (moist)	<u>%</u>	Color (moist)	%	Type ¹	Loc ² Texture	Remarks
pe: C = Concentration, D =	 Deplet	ion, RM = Reduce	d Ma	trix. MS = l	Masked Sand Grains.	² Location: PL = Pore Lining, M = Matrix.
fric Soil Indicators:				. , .		Indicators for Problematic Hydric Soils ³ :
Histosol (A1)		Polyvalue Be	elow s	Surface (S	8) (LRR R, MLRA 149B)	2 cm Muck (A10) (LRR K. L. MLRA 149B)
Histic Epipedon (A2)		Thin Dark Su	urface	e (S9) (LRR	R, MLRA 149B)	Coast Prairie Redox (A16) (LRR K, L, R)
Black Histic (A3)		Loamy Mucl	ky Mii	neral (F1) ((LRR K, L)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
Hydrogen Sulfide (A4)		Loamy Gleye	ed Ma	atrix (F2)		Dark Surface (S7) (LRR K, L)
Depleted Below Dark Surf:	مرم (۵۱	 Depleted Ma 1) Redox Dark 	atrix (Surfa	(F3)		Polyvalue Below Surface (S8) (LRR K, L)
Thick Dark Surface (A12)		Depleted Da	ark Su	irface (F7)		Thin Dark Surface (S9) (LRR K, L)
Sandy Mucky Mineral (S1)		Redox Depr	essio	ns (F8)		Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy Gleved Matrix (S4)						Piedmont Floodplain Soils (F19) (MLRA 149B)
						Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy Redox (S5)						
Sandy Redox (S5) Stripped Matrix (S6)						Red Parent Material (F21)
₋ Sandy Redox (S5) ₋ Stripped Matrix (S6) ₋ Dark Surface (S7) (LRR R, M	ILRA 14	49B)				Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)</th
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, M dicators of hydrophytic yeg	ILRA 1 4 etatior	49B) and wetland hyd	Irolog	zv must be	e present. unless distu	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) rbed or problematic.
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, N dicators of hydrophytic vege strictive Layer (if observed):	ILRA 14 etatior	49B) and wetland hyc	drolog	gy must be	e present, unless distu	Red Parent Material (F21) Very Shallow Dark Surface (TF12) _✔ Other (Explain in Remarks) rbed or problematic.
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, M dicators of hydrophytic veg strictive Layer (if observed): Type:	ILRA 14 etatior	49B) a and wetland hyc None	lrolog	gy must be	e present, unless distui Hydric Soil Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) rbed or problematic. Yes No
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, N dicators of hydrophytic veg trictive Layer (if observed): Type: Depth (inches):	ILRA 14 etatior	49B) and wetland hyd None	drolog	gy must be	e present, unless distu Hydric Soil Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) rbed or problematic. Yes No
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, M dicators of hydrophytic veg trictive Layer (if observed): Type: Depth (inches): narks:	ILRA 14	49B) n and wetland hyc None	drolog	gy must be	e present, unless distu Hydric Soil Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) rbed or problematic. Yes No
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, M licators of hydrophytic veg trictive Layer (if observed): Type: Depth (inches): marks:	ILRA 14 etatior	49B) a and wetland hyc None	drolog -	gy must be	e present, unless distu Hydric Soil Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) rbed or problematic. Yes No
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, N licators of hydrophytic veg trictive Layer (if observed): Type: Depth (inches): harks:	ILRA 14 etatior	49B) a and wetland hyc None	drolog	gy must be	e present, unless distu Hydric Soil Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) rbed or problematic. Yes No
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, N <u>icators of hydrophytic veg</u> trictive Layer (if observed): Type: Depth (inches): narks:	ILRA 1	49B) a and wetland hyd None	drolog -	gy must be	e present, unless distu Hydric Soil Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) rbed or problematic. Yes No
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, M icators of hydrophytic veg trictive Layer (if observed): Type: Depth (inches): harks:	ILRA 1	49B) n and wetland hyd None	<u>drolog</u>	gy must be	e present, unless distu Hydric Soil Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) _✓ Other (Explain in Remarks) rbed or problematic. Yes _✓_ No
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, M <u>icators of hydrophytic veg</u> trictive Layer (if observed): Type: Depth (inches): harks:	ILRA 14	49B) h and wetland hyd None	drolog -	gy must be	e present, unless distu Hydric Soil Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) rbed or problematic. Yes No
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, M <u>licators of hydrophytic veg</u> trictive Layer (if observed): Type: Depth (inches): harks:	ILRA 14	49B) h and wetland hyd None		gy must be	e present, unless distu Hydric Soil Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) _✓ Other (Explain in Remarks) rbed or problematic. Yes _✓_ No
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, N licators of hydrophytic veg trictive Layer (if observed): Type: Depth (inches): narks:	ILRA 14	49B) n and wetland hyd None	- -	gy must be	e present, unless distu Hydric Soil Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) _✓ Other (Explain in Remarks) rbed or problematic. Yes _✓_ No
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, M dicators of hydrophytic veg trictive Layer (if observed): Type: Depth (inches): narks:	ILRA 1	49B) n and wetland hyd None		gy must be	e present, unless distu Hydric Soil Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) _ Other (Explain in Remarks) rbed or problematic. Yes _ Yes _
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, M licators of hydrophytic veg trictive Layer (if observed): Type: Depth (inches): narks:	ILRA 1	49B) n and wetland hyd None		gy must be	e present, unless distu Hydric Soil Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) _ Other (Explain in Remarks) rbed or problematic. Yes _ Yes _
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, M licators of hydrophytic veg trictive Layer (if observed): Type: Depth (inches): narks:	ILRA 14	49B) n and wetland hyd None	<u>-</u>	gy must be	e present, unless distu Hydric Soil Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) _ Other (Explain in Remarks) rbed or problematic. Yes _ Yes _
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, M licators of hydrophytic veg trictive Layer (if observed): Type: Depth (inches): narks: e to inundation a clear soil	ILRA 14	49B) n and wetland hyd None	e. Soi	gy must be	e present, unless distu Hydric Soil Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) _✓ Other (Explain in Remarks) rbed or problematic. Yes _✓_ No
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, M dicators of hydrophytic veg strictive Layer (if observed): Type: Depth (inches): marks: e to inundation a clear soil	ILRA 14	49B) <u>None</u> was unobtainabl	e. Soi	gy must be	Hydric Soil Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) _ _ Other (Explain in Remarks) Yes No
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, M dicators of hydrophytic veg- strictive Layer (if observed): Type: Depth (inches): marks: e to inundation a clear soil	ILRA 14	49B) <u>None</u> was unobtainabl	e. Soi	gy must be	Hydric Soil Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) rbed or problematic. YesNo
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, M dicators of hydrophytic veg- trictive Layer (if observed): Type: Depth (inches): narks: e to inundation a clear soil	ILRA 14	49B) <u>n and wetland hyd</u> <u>None</u> was unobtainabl	drolog - 	gy must be	e present, unless distu Hydric Soil Present? umed to be hydric.	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) rbed or problematic. YesNo
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, M dicators of hydrophytic veg. trictive Layer (if observed):	ILRA 14	49B) <u>n and wetland hyd</u> <u>None</u> was unobtainabl	e. Soi	gy must be	Hydric Soil Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) _ rbed or problematic. Yes _✓_No
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, M dicators of hydrophytic veg strictive Layer (if observed): Type: Depth (inches): narks: e to inundation a clear soil	ILRA 1	49B) <u>None</u> was unobtainabl	e. Soi	gy must be	Hydric Soil Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) _ other (Explain in Remarks) rbed or problematic. Yes _ Yes _



WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: East Point	City/County: Sharon, Schoharie County	Sampling Date: 2017-July-11					
Applicant/Owner: NextEra	State: New York	Sampling Point: W-ARS-07; UPL-1					
Investigator(s): Andrew Steiner, Adeline Belleshei	Section, Township, Range:						
Landform (hillslope, terrace, etc.): Toe	Local relief (concave, convex, non	e): Convex Slope (%): 1-10					
Subregion (LRR or MLRA): LRR L	Lat: 42.7681495 Lor	g: -74.5880337 Datum: WGS84					
Soil Map Unit Name: Madalin silt loam over till (M	a)	NWI classification:					
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? Are "Normal Circu	nstances" present? Yes 🟒 No					
Are Vegetation, Soil, or Hydrology _	naturally problematic? (If needed, explain	any answers in Remarks.)					

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🟒 No								
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒						
Wetland Hydrology Present?	Yes No _	lf yes, optional Wetland Site ID:							
Remarks: (Explain alternative procedures he	Remarks: (Explain alternative procedures here or in a separate report)								
TRC covertype is UPL. Area is upland, not all	three wetland parameters	are present. upland							

Wetland Hydrology Indicators:				
Primary Indicators (minimum of on	Secondary Indicators (minimum of two required)			
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 		
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Sur 	 Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) face (B8) 	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations:				
Surface Water Present?	Yes No 🟒 Depth (inches):			
Water Table Present?	Yes No _	Wetland Hydrology Present? Yes No		
Saturation Present?	Yes No 🟒 Depth (inches):			
(includes capillary fringe)				
Describe Recorded Data (stream ga	uge, monitoring well, aerial photos, previous inspections), if	available:		
Remarks:				
No positive indication of wetland hy	/drology was observed.			

Sampling Point: W-ARS-07; UPL-1

Tree Stratum (Plot size: <u>30 ft</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works	heet: Species That	_	
1. Fraxinus pennsylvanica	40	Yes	FACW	Are OBL, FACW, or FAC	:	4	(A)
2. Populus tremuloides	25	Yes	FACU	Total Number of Domi	nant Species	E	(D)
3. Acer rubrum		No	FAC	Across All Strata:			(D)
4				Percent of Dominant S	pecies That	80	(A/R)
5.		<u> </u>		Are OBL, FACW, or FAC	:		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
6				Prevalence Index work	sheet:		
7				Total % Cover	of:	<u>Multiply</u>	By:
		- Total Cov	or	OBL species	0	x 1 =	0
Conling/Chrub Ctratum (Blot size) 15 ft)	70			FACW species	55	x 2 =	110
<u>Sapiring/Sillub Stratum</u> (Plot Size. <u>15 it</u>)	40	Vec	ГАС	FAC species	95	x 3 =	285
1. Frangula alnus	40	Yes	FAC	FACU species	30	x 4 =	120
2. Fraxinus pennsylvanica	10	Yes	FACW	UPL species	0	x 5 =	0
3				Column Totals	180	(A)	515 (B)
4				Prevalence Ir	ndex = B/A =	2.9	
5				Hydronhytic Vegetation	n Indicators:		
6.				1- Ranid Test for H	Hydronhytic V		n
7				2 - Dominance Te	st is >50%	egetation	
	50	= Total Cov	rer	2 Dominance re	lav is < 3.01		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				J = Merahelogical	Adaptations1	l (Provida	supporting
1. <i>Frangula alnus</i>	40	Yes	FAC	4 - Morphological Adaptations' (Frovide suppor data in Remarks or on a senarate sheet)			
2. Ranunculus acris	10	No	FAC	Problematic Hydr	onhytic Vege	tation ¹ (E	(nlain)
3. <i>Rosa multiflora</i>	5	No	FACU	Indicators of hydric so	il and wetlan	d hydrolo	ov must he
4. Symphyotrichum novae-angliae	5	No	FACW	present, unless disturb	ed or probler	matic	gy must be
5.				Definitions of Vegetation	on Strata		
6.				Tree – Woody plants 3	in (7.6 cm) or	r more in	diameter at
7.				breast height (DBH), re	gardless of h	eight.	alameter at
8				Sapling/shrub - Woody	/ plants less ti	han 3 in. I	DBH and
9				greater than or equal t	o 3.28 ft (1 m) tall.	
10				Herb – All herbaceous	(non-woody)	<i>.</i> plants, re	gardless of
11				size, and woody plants	less than 3.2	8 ft tall.	0
12				Woody vines - All wood	dy vines great	ter than 3	.28 ft in
12		Tabal Car		height.			
	60	= lotal Cov	er	Hydrophytic Vegetatio	n Present?	(es 🖌 🛚	No
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)				i garopi gae vegetatio		· co <u>v</u> i	
1							
2							
3							
4							
	0	= Total Cov	rer				
Remarks: (Include photo numbers here or on a separa	ate sheet.)			_			

	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	e Remarks
) - 10	10YR 4/3	100		_			Silt Loam	n
				_				
				_				
oe: C = Co	oncentration, D = L	Depletio	n, RM = Reduced	Matr	ix, MS =	Masked Sa	ind Grains. ² L	Location: PL = Pore Lining, M = Matrix.
Histosol (Histic Epi Black His Hydroger Stratified Depleted Thick Dar Sandy Mu Sandy Glu Sandy Re Stripped Dark Surf	A1) pedon (A2) tic (A3) n Sulfide (A4) Layers (A5) Below Dark Surfa k Surface (A12) ucky Mineral (S1) eyed Matrix (S4) dox (S5) Matrix (S6) face (S7) (LRR R, M	ice (A11)	Polyvalue Bel Thin Dark Su Loamy Muck Depleted Ma Redox Dark S Depleted Dar Redox Depre	ow Su face / Mine d Mat crix (F urfac k Sur ssion	urface (S (S9) (LRR eral (F1) rix (F2) 3) e (F6) face (F7) s (F8)	8) (LRR R, : R, MLRA 1 (LRR K, L)	MLRA 149B) 49B)	 2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
dicators o	f hydrophytic vege	etation a	nd wetland hydr	ology	must be	e present,	unless disturbe	ed or problematic.
strictive La	ayer (if observed):		Deete			Libudicio Co	il Drocont?	Vac Na (
ו ר	ype:)opth (inchos):		10			Hydric Sc	il Present?	fes No _Z



WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: East Poir	t	City/Coun	ity: Sharon Spring		Sampling Date: 2019-May-02		
Applicant/Owner: N	nt/Owner: NextEra			State: NY		Sampling Point:	W-ARS-7; UPL-2
Investigator(s): Jake	nvestigator(s): Jake Brillo, Val Mitchell Section, Township, Range:						
Landform (hillslope, te	rrace, etc.):	Agricultural Field	Local relie	f (concave, convex,	, none):	Convex	Slope (%): 2-5
Subregion (LRR or MLF	RA): LRR	R	Lat	: 42.7696544817	Long:	-74.5814693347	Datum: WGS84
Soil Map Unit Name:	Honeoye-Fa	rmington complex, 10 to 2	0 percent slopes			NWI classifi	cation:
Are climatic/hydrologic conditions on the site typical for this time of year? Yes 🟒 No (If no, explain in Remarks.)							rks.)
Are Vegetation,	Soil,	or Hydrology signific	cantly disturbed?	Are "Normal (Circums	tances" present?	Yes 🟒 No
Are Vegetation,	Soil,	or Hydrology natura	Illy problematic?	(If needed, ex	plain ar	y answers in Rem	arks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No 🟒	lf yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures he	re or in a separate report)	
TRC covertype is UPL.			

Wetland Hydrology Indicators:				
Primary Indicators (minimum of on	Secondary Indicators (minimum of two required)			
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	 Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) 	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Sur	 Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) face (B8) 			
Field Observations:				
Surface Water Present?	Yes No Depth (inches):			
Water Table Present?	Yes No _	Wetland Hydrology Present? Yes No		
Saturation Present?	Yes No Depth (inches):			
(includes capillary fringe)				
Describe Recorded Data (stream ga	uge, monitoring well, aerial photos, previous inspections), if	available:		

Sampling Point: W-ARS-7; UPL-2

	Absolute	Dominant	Indicator	Dominance Test works	heet:		
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)	% Cover	Species?	Status	Number of Dominant S	Species That	0	(4)
1.		-		Are OBL, FACW, or FAC	:	0	(A)
2.				Total Number of Domi	nant Species	2	(B)
3.				Across All Strata:			(0)
4.				Percent of Dominant S	pecies That	0	(A/B)
5.				Are OBL, FACW, or FAC	: •		
6.				Prevalence Index work	sneet:		-
7.				- <u>Iotal % Cover</u>	<u>of:</u>	Multiply	<u>By:</u>
	0	= Total Cov	er	- OBL species -	0	x I =	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)		-		FACW species	0	x 2 =	0
1.				FAC Species	0	x 3 =	0
2.				- FACU species	95	x 4 =	380
3.				- OPL species -	0	x 5 =	0
4.					95	(A)	380 (B)
5.				- Prevalence Ir	1dex = B/A =	4	
6.				Hydrophytic Vegetatio	n Indicators:		
7.				1- Rapid Test for I	Hydrophytic V	egetation/	ו
	0	= Total Cov	er	- 2 - Dominance le	st is $> 50\%$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)		-		3 - Prevalence Inc	$ ex \le 3.0'$	(Dura ida	
1. <i>Poa pratensis</i>	60	Yes	FACU	4 - Morphological	Adaptations	(Provide	supporting
2. Trifolium repens	20	Yes	FACU	Problematic Hydr	onhytic Vege	tation ¹ (F	vnlain)
3. Taraxacum officinale	15	No	FACU	¹ Indicators of hydric so	il and wetlan	d hydrolc	ogy must he
4.				present, unless disturb	ed or probler	matic	By must be
5.				Definitions of Vegetation	on Strata:		
6.				Tree – Woody plants 3	in. (7.6 cm) or	r more in	diameter at
7.				breast height (DBH), re	gardless of h	eight.	
8.				Sapling/shrub - Woody	v plants less tl	han 3 in.	DBH and
9.				greater than or equal t	o 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous	(non-woody)	plants, re	gardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines – All wood	dy vines great	ter than 3	.28 ft in
	95	= Total Cov	rer	neight.			
Woody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic Vegetatio	n Present?	/es I	No 🖌
1				_			
2							
3				_			
4				_			
	0	= Total Cov	rer				
Remarks: (Include photo numbers here or on a sep	arate sheet.)						

0 - 9 10VR 4/4 100	Remarks
ype: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pc ype: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pc ydric Soil Indicators: Indicators for Histosol(A1)	
get: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pc get: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pc get: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pc get: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pc get: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pc Histic Epipedon (A2)	
mining mining mining mining <td< td=""><td></td></td<>	
mining mining mining mining <td< td=""><td></td></td<>	
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pc pric Soil Indicators: Indicators for Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) 2 cm Mucl Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucl Stratified Layers (A5) Depleted Matrix (F2) Dark Surface (F6) Thick Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (F7) Thick Dark Surface (A12) Depleted Dark Surface (F6) Thin Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Sandy Gleyed Matrix (S4) Mesic Spo Red Paren Sandy Gleyed Matrix (S6) Very Shall Other (Exp Dark Surface (S7) (LRR R, MLRA 149B) Other (Exp Mesic Spo Stratified Tayers (f observed): Type: Rocks Hydric Soil Present? Yes	
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pc this c Soll Indicators: Indicators for Histic Epipedon (A2) Thin Dark Surface (S8) (LRR R, MLRA 149B)	
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pc tric Soil Indicators: Indicators for Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) _2 cm Mucl Histosol (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) _2 com Mucl Histosol (A1) Loamy Mucky Mineral (F1) (LRR K, L) _5 cm Mucl Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)	
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pc Indicators: Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Indicators function Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) _2 cm Mucl Histosogen Sufface (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) _Coast Prai Black Histic (A3) Loamy Gleyed Matrix (F2) _Dark Surface Stratified Layers (A5) Depleted Matrix (F2) _Dark Surface Depleted Below Dark Surface (A11) Redox Dark Surface (F6) _Thin Dark Sandy Mucky Mineral (S1) _Redox Depressions (F8) _Polyvalue Sandy Redox (S5) _Red Paren _Meck Sping Stripped Matrix (S6)	
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pc dric Soil Indicators: Indicators for Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) C cast Prai Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) S cm Mucky Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (LRR K, L) S cm Mucky Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) D ark Surface (A5) D ark Surface (F2) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) T nin Dark D ark Surface (F7)	
rpe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = PC dric Soil Indicators: Indicators for Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Mucl Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Coast Prai Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucl Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (LRR K, L) Dark Surface Stratified Layers (A5) Depleted Matrix (F2) Dark Surface (F6) Thin Dark Depleted Below Dark Surface (A11) Redox Dark Surface (F7) Iron-Mang Sandy Gleyed Matrix (S4) Nedox Depressions (F8) Piedmont Sandy Gleyed Matrix (S5) Redox Depressions (F8) Very Shall Sardy Redox (S5) Red Paren Very Shall Dark Surface (S7) (LRR R, MLRA 149B) Other (Exp dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problemat strictive Layer (if observed): Type: Rocks Depth (inches): 9 marks:	
per: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pc dric Soil Indicators: Indicators for Histosol (A1)	
Aric Soil Indicators: Indicators for Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Mucl Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Coast Prai Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) S cm Mucl Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surface Stratified Layers (A5) Depleted Matrix (F3) Dolyvalue Depleted Below Dark Surface (A11) Redox Dark Surface (F6)	re Lining, M = Matrix,
Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Mucl Histic Epipedon (A2)	Problematic Hydric Soils ³ :
Histic Epipedon (A2)	(A10) (I RR K I MI RA 149R)
Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucl Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surfa Stratified Layers (A5) Depleted Matrix (F3) Polyvalue Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Thick Dark Surface (A12) Depleted Dark Surface (F7) Iron-Mang Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Sandy Gleyed Matrix (S4) Mesic Spo Mesic Spo Sandy Redox (S5) Red Paren Very Shalk Dark Surface (S7) (LRR R, MLRA 149B) Other (Exp dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problemat Strictive Layer (if observed): Type: Rocks Hydric Soil Present? Yes Depth (inches): 9 marks: Strictive Soil Present? Yes	rie Redox (A16) (LRR K, L, R)
Hydrogen Sullide (A4)	xy Peat or Peat (S3) (LRR K, L, R)
	ce (S7) (LRR K, L)
Thick Dark Surface (A12)Depleted Dark Surface (F7)Thin Dark Sandy Mucky Mineral (S1)Redox Depressions (F8)Piedmont Sandy Gleyed Matrix (S4)Red Paren Stripped Matrix (S6)Red Paren Other (Exp Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problemat strictive Layer (if observed): Type:RocksHydric Soil Present? Yes Depth (inches):9	Below Surface (S8) (LRR K, L)
_ Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont _ Sandy Gleyed Matrix (S4) Mesic Spo _ Sandy Redox (S5) Red Paren Stripped Matrix (S6) Very Shalk Dark Surface (S7) (LRR R, MLRA 149B) Very Shalk Other (Exp rdicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problemat strictive Layer (if observed): Type: Rocks Hydric Soil Present? Yes Depth (inches): 9 marks:	Surface (S9) (LRR K, L)
_ Sandy Gleyed Matrix (S4) Mesic Spo Sandy Redox (S5) Red Paren Very Shall Dark Surface (S7) (LRR R, MLRA 149B) Very Shall Other (Exp dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problemat istrictive Layer (if observed): Type: Rocks Depth (inches): 9 Hydric Soil Present? Yes remarks:	anese Masses (F12) (LRR K, L, R)
_ Sandy Redox (S5) Red Paren Very Shall Other (Exp Dark Surface (S7) (LRR R, MLRA 149B) Other (Exp indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problemat istrictive Layer (if observed): Type: Rocks Depth (inches): 9 marks:	Hoodplain Solis (FT9) (MLRA 149B)
_ Stripped Matrix (S6) Very Shalli Dark Surface (S7) (LRR R, MLRA 149B) Other (Exp adicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problemat testrictive Layer (if observed): Type: Rocks Hydric Soil Present? Yes Depth (inches): 9 Solution of the second se	t Material (F21)
Dark Surface (S7) (LRR R, MLRA 149B)Other (Exp ndicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problemat estrictive Layer (if observed): Type:RocksHydric Soil Present? Yes Depth (inches): 99 emarks:	ow Dark Surface (TF12)
ndicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problemat estrictive Layer (if observed): Type: Rocks Depth (inches): 9 emarks:	lain in Remarks)
estrictive Layer (if observed): Type: <u>Rocks</u> Depth (inches): <u>9</u> emarks:	ic.
Type: Rocks Hydric Soil Present? Yes Depth (inches): 9 emarks:	
pepth (inches): 9 emarks:	_ No
marks:	



WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: East Poir	ıt	City	City/County: Sharon Springs, Schoharie				2019-May-02
Applicant/Owner: N	NextEra			State: NY		Sampling Point:	W-ARS-7; UPL-3
Investigator(s): Jake Brillo, Val Mitchell Section, Township, Range:					Range:		
Landform (hillslope, te	rrace, etc.):	Agricultural Field	Local re	elief (concave, conve	ex, none):	Convex	Slope (%): 2-5
Subregion (LRR or MLF	RA): LRR	ર	I	Lat: 42.76957653	Long:	-74.5814415906	Datum: WGS84
Soil Map Unit Name:	Honeoye-Fa	rmington complex, 1	0 to 20 percent slope	S		NWI classifi	cation:
Are climatic/hydrologic conditions on the site typical for this time of year? Yes 🖌 No (If no, explain in Remarks.)							ırks.)
Are Vegetation,	Soil,	or Hydrology s	ignificantly disturbed	? Are "Norma	l Circums	tances" present?	Yes 🟒 No
Are Vegetation,	Soil,	or Hydrology n	naturally problematic?	(If needed,	explain ar	y answers in Rem	iarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No _	lf yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures her	e or in a separate report		
TRC covertype is UPL.			

Wetland Hydrology Indicators:		
Primary Indicators (minimum of one	e is required; check all that apply)	Secondary Indicators (minimum of two required)
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Images Sparsely Vegetated Concave Sur 	 Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) face (B8) 	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present?	Yes No Depth (inches):	
Water Table Present?	Yes No _	Wetland Hydrology Present? Yes No
Saturation Present?	Yes No Depth (inches):	
(includes capillary fringe)		
Describe Recorded Data (stream ga	uge, monitoring well, aerial photos, previous inspections), if a	ıvailable:

Sampling Point: W-ARS-7; UPL-3

Tree Stratum (Plot size: <u>30 ft</u>)	Absolute	Dominant	Indicator	Dominance Test works	neet:		
1	% Cover	species?	Status	Are OBL, FACW, or FAC:	pecies mat	0	(A)
2				Total Number of Domir	ant Species		(D)
3				Across All Strata:			(B)
4.				Percent of Dominant S	pecies That	0	(A/B)
5.				Are OBL, FACW, or FAC:			(, , , , , , , , , , , , , , , , , , ,
6.				Prevalence Index works	sheet:		_
7.				- <u>Total % Cover</u>	<u>of:</u>	Multiply	<u>By:</u>
	0	= Total Cov	/er	- OBL species -	0	x1=	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)		_		FACW species	10	x 2 =	20
1.				FAC species	0	x3=	0
2.				- FACU species	88	x 4 =	352
3.				- UPL species _	0	x 5 =	0
4.				- Column Totals	98	(A)	372 (B)
5.				Prevalence In	dex = B/A =	3.8	
6.				 Hydrophytic Vegetation 	Indicators:		
7.				1- Rapid Test for H	lydrophytic V	/egetatior	ı
···	0	= Total Cov	/er	2 - Dominance Tes	st is > 50%		
Herb Stratum (Plot size: 5 ft)		-		3 - Prevalence Ind	ex is $\leq 3.0^1$		
1. Poa pratensis	65	Yes	FACU	4 - Morphological	Adaptations ¹	¹ (Provide	supporting
2. Trifolium repens	15	No	FACU	- data in Remarks or on a	a separate sh	neet)	
3. Phalaris arundinacea	10	No	FACW	Problematic Hydri Italiaatawa a filosofia a g	ophytic Vege	tation' (E)	(plain)
4. Taraxacum officinale		No	FACU	- Indicators of hydric so	and wetlan	d hydrolo matic	gy must be
5.				Definitions of Vegetatio	n Strata:	matic	
6				Tree Woody plants 3 i	n (7.6 cm) or	r moro in	diamotor at
7.				breast height (DBH), re	Pardless of h	eight.	
8				Sapling/shrub - Woody	plants less t	han 3 in. I	OBH and
9				greater than or equal to	o 3.28 ft (1 m) tall.	5 Di l'ullu
10				Herb – All herbaceous (non-woody)	plants, re	gardless of
11				size, and woody plants	less than 3.2	8 ft tall.	
12				Woody vines – All wood	ly vines great	ter than 3	.28 ft in
· · · · · · · · · · · · · · · · · · ·	98	= Total Cov	/er	height.			
Woody Vine Stratum (Plot size: 30 ft)		-		Hydrophytic Vegetatio	n Present?	Yes N	No 🖌
1.							
2				-			
3				-			
4				-			
·	0	= Total Cov	ver	-			
			-				
Remarks: (include photo numbers here or on a se	parate sheet.)						

(inches)	Matrix		Redox	Featu	ures						
• •	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture				Remarks
0 - 7	10YR 4/4	100					Loam				
ype: C = C	oncentration, D =	Depletio	n, RM = Reduced	l Matri	ix, MS =	Masked Sa	and Grains. ² L	ocation: PL	= Pore	Linin	g, M = Matrix.
dric Soil I	ndicators:							Indicators	for Pro	blen	natic Hydric Soils ³ :
_ Histosol	(A1)		Polyvalue Be	low Su	urface (S	8) (LRR R,	MLRA 149B)	2 cm I	/luck (A	10) (LRR K, L, MLRA 149B)
_ Histic Ep	ipedon (A2)		Thin Dark Su	rface (S9) (LRR	R, MLRA	49B)	Coast	Prairie	Redo	ox (A16) (LRR K, L, R)
_ Black His	stic (A3)		Loamy Muck	y Mine	eral (F1)	(LRR K, L)		5 cm M	/lucky F	eat o	or Peat (S3) (LRR K, L, R)
_ Hydroge	n Sulfide (A4)		Loamy Gleye	d Mat	rix (F2)			Dark S	urface	(S7) ((LRR K, L)
Depleter	1 Layers (AS) 1 Below Dark Surf:	مر (۵۱۱	Depieted Ma	UIX (F: Surface	5) 9 (E6)			Polyva	lue Bel	ow S	urface (S8) (LRR K, L)
Thick Da	rk Surface (A12)		Depleted Da	rk Surf	face (F7)			Thin D	ark Sui	face	(S9) (LRR K, L)
Sandy M	ucky Mineral (S1)		Redox Depre	ssions	s (F8)			Iron-N	angan	ese N	/lasses (F12) (LRR K, L, R)
Sandy G	leyed Matrix (S4)							Piedm	ont Flo	odpla	ain Soils (F19) (MLRA 149B)
Sandy Re	edox (S5)							Mesic	Spodic	(IA6) (MLRA 144A, 145, 149B)
Stripped	Matrix (S6)							Red Pa	hallow	ateri Dark	dl (F21) Surfaco (TE12)
Dark Sur	face (S7) (LRR R, N	ILRA 149	9B)					Other	(Explai	n in F	Remarks)
ndicators	of hydrophytic yeg	etation :	and wetland hyd	مامعر	must he	nresent	unless disturbe	d or proble	matic		
estrictive L	aver (if observed):			01055	maseby				nacie.		
	Type:		Rocks			Hydric So	oil Present?	Yes	N	0 🗸	<i>,</i>
	21		7	-		, · · · ·					-
	Depth (inches):										
emarks:	Depth (inches):										
emarks:	Depth (inches):										
emarks:	Depth (inches):										
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emarks:	Depth (inches):										
emarks:	Depth (inches):										
marks:	Depth (inches):										

Vegetation Photos



Soil Photos





WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: East Poir	nt	Cit	ty/County: Sharon, Sch	hoharie		Sampling Date:	2017-July-12
Applicant/Owner: N	lextEra			State:	New York	Sampling Point:	W-ARS-08; PEM-1
Investigator(s): And	rew Steiner, Ad	leline Bellesheim		Section, Town	ship, Range:		
Landform (hillslope, te	rrace, etc.):	Depression	Local r	relief (concave,	convex, none):	Convex	Slope (%): 1-10
Subregion (LRR or MLF	RA): LRR L	-		Lat: 42.76718	21 Long:	-74.5783791	Datum: WGS84
Soil Map Unit Name:	Mohawk and	Lima soils, 2 to 10) percent slopes (MlB)			NWI classifi	cation:
Are climatic/hydrologi	c conditions on	the site typical fo	r this time of year?	Yes 🟒	_ No (If n	o, explain in Rema	rks.)
Are Vegetation,	Soil,	or Hydrology	significantly disturbed	d? Are "N	lormal Circums	tances" present?	Yes 🟒 No
Are Vegetation,	Soil,	or Hydrology	naturally problematic	? (If nee	ded, explain ar	iy answers in Rem	arks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures here	re or in a separate report)		
TRC covertype is PEM. Area is wetland, all thr	ee wetland parameters a	re present. edge of field in woods	

Wetland Hydrology Indicators:					
Primary Indicators (minimum of on	ne is required; ch	eck all the	at apply)		Secondary Indicators (minimum of two required)
Surface Water (A1) High Water Table (A2) _∕_ Saturation (A3) Water Marks (B1) Sediment Deposits (B2)		Water-St Aquatic I Marl Dep Hydroge Oxidized	ained Leaves (B9) Fauna (B13) posits (B15) n Sulfide Odor (C1) Rhizospheres on Living Root	ots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	agery (B7)	Presence Recent lr Thin Muo Other (E)	e of Reduced Iron (C4) on Reduction in Tilled Soils (ck Surface (C7) cplain in Remarks)	(C6)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:					
Surface Water Present?	Yes No _	<u> </u>	Depth (inches):		
water Table Present?	res No _	<u>_</u>	Depth (inches):		
Saturation Present?	Yes 🟒 No 🔄		Depth (inches):	1	
(includes capillary fringe)					
Describe Recorded Data (stream ga	auge, monitoring	g well, aer	al photos, previous inspection	ons), if a	ivailable:
Remarks: A positive indication of wetland hyd	drology was obse	erved (pri	mary and secondary indicate	ors were	e present).

Sampling Point: W-ARS-08; PEM-1

Tree Stratum (Plot size: 30 ft)	Absolute	Dominant	Indicator	Dominance Test worksho	eet:		
	% Cover	Species?	Status	Number of Dominant Sp	ecies That	2	(A)
1. Fagus grandifolia	10	Yes	FACU	Are OBL, FACW, of FAC:			
2				Across All Strata	ant species	3	(B)
3				Across Air Strata.	ocioc That		
4				Are OBL_FACW_or FAC		66.7	(A/B)
5				Prevalence Index workst	neet:		
6				Total % Cover o	f.	Multiply	Bv.
7				OBL species	30	v 1 =	30
	10	= Total Cov	rer	EACW species	45	×2-	90
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				EAC species	•	^2- v2-	24
1.					0	×	
2.					10	× 4	40
3.					0	x 5 =	0
4.					93	(A)	184 (B)
5.				Prevalence Inc	lex = B/A =	2	
б. 				Hydrophytic Vegetation	Indicators:		
7				1- Rapid Test for Hy	/drophytic V	egetation	
···		= Total Cov	or	2 - Dominance Test	: is >50%		
Herb Stratum (Plot size: 5 ft)		- 10101 COV	CI	3 - Prevalence Inde	x is $\leq 3.0^1$		
1 Impatiens canensis	30	Vac	FACW	4 - Morphological A	Adaptations ¹	(Provide s	supporting
Chicaria striata	20	Voc		data in Remarks or on a	separate sh	eet)	
	15			Problematic Hydro	phytic Vege	tation ¹ (Ex	plain)
S. Onociea sensibilits		N		¹ Indicators of hydric soil	and wetlan	d hydrolog	gy must be
	8	INO	FAC	present, unless disturbe	d or probler	natic	
5				Definitions of Vegetation	n Strata:		
6				Tree – Woody plants 3 in	. (7.6 cm) or	more in c	liameter at
7				breast height (DBH), reg	ardless of h	eight.	
8				Sapling/shrub – Woody p	plants less th	han 3 in. D	BH and
9				greater than or equal to	3.28 ft (1 m) tall.	
10				Herb – All herbaceous (n	ion-woody)	plants, reg	gardless of
11					uipos groat	o It lall.	20 ft in
12				height	villes great	er than 5.	201111
	83	= Total Cov	rer				
Woody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic Vegetation	Present?	′es N	0
1							
2							
3							
4.							
	0	= Total Cov	ver				
Remarks: (Include photo numbers here or on a separate	shoot)						
Remarks. (include proto numbers here of on a separate	sneet.)						
A second to all sections of the strength of the second strength of t		00 - E -l in					
A positive indication of hydrophytic vegetation was obse	ei ved (>50	170 OI GOMIN	iant species i	indexed as OBL, FACW, Or	FAC).		

Sampling Point: W-ARS-08; PEM-1

(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
1 - 9	10YR 2/1	100					Mucky Silt Loam	
9 - 16	10YR 2/1	90	5YR 4/6	10	С	M	Silty Clay Loam	
:								
						<u> </u>		
		·						
		·						
·								
	oncentration D =	Depleti	on RM = Reducer	d Mat	rix MS =	Masked Sand Gra	ins ² l ocation: PL = F	Pore Lining M = Matrix
ydric Soil I	ndicators:	Depicti			11, 1013		Indicators fo	r Problematic Hydric Soils ³ :
_ Histosol	(A1)		Polyvalue Be	elow S	urface (S	8) (LRR R, MLRA 1	49B) 2 cm Mu	ck (A10) (I RR K. I., MI RA 149B)
Histic Ep	oipedon (A2)		Thin Dark Su	urface	(S9) (LRR	R, MLRA 149B)	Coast Pr	airie Redox (A16) (LRR K, L, R)
Black His	stic (A3)		_✓ Loamy Muck	ky Min	neral (F1)	(LRR K, L)	5 cm Mu	cky Peat or Peat (S3) (LRR K, L, R)
Hydroge	en Sulfide (A4)		Loamy Gleye	ed Ma	trix (F2)		Dark Sur	face (S7) (LRR K, L)
Stratified	d Layers (A5)		Depleted Ma	atrix (I	F3)		Polyvalu	e Below Surface (S8) (LRR K, L)
_ Depleted	d Below Dark Surf	ace (A1	I) ✓ Redox Dark	Surfa	ce (F6)		Thin Dar	k Surface (S9) (LRR K, L)
_ Thick Da	irk Surface (ATZ)		Depieted Da	Irk Sul	riace (F7)		Iron-Mar	nganese Masses (F12) (LRR K, L, R)
_ Sanuy ivi	lucky Materia (S1)		Redox Depr	essior	IS (F8)		Piedmor	t Floodplain Soils (F19) (MLRA 149B)
Sandy G	leyed Matrix (S4)						Mesic Sp	odic (TA6) (MLRA 144A, 145, 149B)
_ Sandy R	edox (S5)						Red Pare	ent Material (F21)
	Matrix (S6)						Very Sha	llow Dark Surface (TF12)
Strippec							Oth ar (E	
Strippec Dark Sui	rface (S7) (LRR R, N	MLRA 14	19B)				Other (E	kplain in Remarks)
Strippec Dark Sui Indicators o	rface (S7) (LRR R, N of hydrophytic veg	MLRA 14 getation	i9B) and wetland hyd	rolog	y must be	e present, unless	disturbed or problema	kplain in Remarks) itic.
Strippec Dark Sui Indicators d Restrictive L	rface (S7) (LRR R, N of hydrophytic veg .ayer (if observed)	MLRA 14 getation	l9B) and wetland hyd	rolog	y must be	e present, unless	disturbed or problema	kplain in Remarks) itic.
Strippec Dark Sui ndicators c estrictive L	rface (S7) (LRR R, N of hydrophytic veg .ayer (if observed) Type:	MLRA 14 getation	I9B) and wetland hyd None	rolog	y must be	e present, unless Hydric Soil Pres	Other (E: disturbed or problema ent?	kplain in Remarks) itic. Yes No
Strippec Dark Sur ndicators (estrictive L	rface (S7) (LRR R, N of hydrophytic veg .ayer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None	rolog	y must be	e present, unless Hydric Soil Pres	disturbed or problema	kplain in Remarks) htic. Yes _∠_ No
Strippec Dark Sun ndicators (estrictive L 	rface (S7) (LRR R, N of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None	rolog	y must bo	e present, unless Hydric Soil Pres	disturbed or problema	kplain in Remarks) atic. Yes _∠_ No
Strippec Dark Su ndicators o estrictive L 	rface (S7) (LRR R, N of hydrophytic veg .ayer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None	lrolog	y must be	e present, unless	disturbed or problema	kplain in Remarks) atic. Yes _∠_ No
Strippec Dark Su ndicators (estrictive L 	rface (S7) (LRR R, N of hydrophytic veg ayer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None	- -	y must be	e present, unless	disturbed or problema	kplain in Remarks) atic. Yes _∠_ No
Strippec Dark Su ndicators (estrictive L 	rface (S7) (LRR R, N of hydrophytic veg ayer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None	-	y must bo	e present, unless	disturbed or problema	kplain in Remarks) atic. Yes _∠_ No
Strippec Dark Su estrictive L 	rface (S7) (LRR R, N of hydrophytic veg ayer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None	lrolog	y must be	e present, unless	disturbed or problema	kplain in Remarks) atic. Yes No
Strippec Dark Su estrictive L 	rface (S7) (LRR R, N of hydrophytic veg ayer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None	<u>-</u>	y must be	e present, unless	disturbed or problema	kplain in Remarks) atic. Yes _∠_ No
Strippec Dark Su estrictive L 	rface (S7) (LRR R, N of hydrophytic veg ayer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None	lrolog	y must be	e present, unless	disturbed or problema	kplain in Remarks) atic. Yes _∠_ No
Strippec Dark Su estrictive L 	rface (S7) (LRR R, N of hydrophytic veg ayer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None	<u> rolog</u>	y must be	e present, unless	Other (E	kplain in Remarks) atic. Yes _∠_ No
Strippec Dark Su estrictive L 	rface (S7) (LRR R, N of hydrophytic veg .ayer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None	<u>-</u>	y must be	e present, unless	ent?	kplain in Remarks) atic. Yes _∠_ No
Strippec Dark Su estrictive L 	rface (S7) (LRR R, N of hydrophytic veg .ayer (if observed) Type: Depth (inches):	MLRA 14	I9B) and wetland hyd None	- -	y must be	e present, unless Hydric Soil Pres	disturbed or problema	kplain in Remarks) atic. Yes _∠_ No
Strippec Dark Su estrictive L 	rface (S7) (LRR R, N of hydrophytic veg .ayer (if observed) Type: Depth (inches):	MLRA 14	I9B) and wetland hyd None		y must b	e present, unless	disturbed or problema	kplain in Remarks) atic. Yes _∠_ No
Strippec Dark Su estrictive L 	rface (S7) (LRR R, N of hydrophytic veg .ayer (if observed) Type: Depth (inches):	MLRA 14 <u>getation</u> :	I9B) and wetland hyd None	-	y must b	e present, unless	Other (E	kplain in Remarks) atic. Yes No
Strippec Dark Su estrictive L 	rface (S7) (LRR R, N of hydrophytic veg ayer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None		y must b	e present, unless	ent?	kplain in Remarks) atic. Yes No
Strippec Dark Su Indicators (estrictive L 	rface (S7) (LRR R, N of hydrophytic veg .ayer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None		y must b	e present, unless	ent?	kplain in Remarks) atic. Yes _∠_ No
Strippec Dark Su Indicators (Restrictive L Remarks:	rface (S7) (LRR R, N of hydrophytic veg .ayer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None		y must b	e present, unless	ent?	kplain in Remarks) atic. Yes _∠_ No
Strippec Dark Su Indicators (Restrictive L Remarks:	rface (S7) (LRR R, N of hydrophytic veg ayer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None		y must b	e present, unless	ent?	kplain in Remarks) atic. Yes _∠_ No
Strippec Dark Su Indicators (Restrictive L emarks:	rface (S7) (LRR R, N of hydrophytic veg ayer (if observed) Type: Depth (inches):	MLRA 14	I9B) and wetland hyd None		y must b	e present, unless	ent?	kplain in Remarks) ntic Yes _∠_ No
Strippec Dark Su Indicators (Restrictive L Remarks:	rface (S7) (LRR R, N of hydrophytic veg .ayer (if observed) Type: Depth (inches):	MLRA 14	I9B) and wetland hyd None		y must b	e present, unless Hydric Soil Pres	ent?	kplain in Remarks) ntic Yes _∠_ No
Strippec Dark Su Indicators (Restrictive L Remarks:	rface (S7) (LRR R, N of hydrophytic veg ayer (if observed) Type: Depth (inches):	MLRA 14	I9B) and wetland hyd None		y must b	e present, unless Hydric Soil Pres	ent?	kplain in Remarks) ntic. Yes _∠_ No


Project/Site: East Poir	t/Site: East Point City/County: Sharon, Schoharie County						Sampling Date: 2017-July-12		
Applicant/Owner: N	lextEra				State:	New York	Sampling Point:	W-ARS-08; UPL-1	
Investigator(s): And	rew Steiner, Ad	eline Bellesheim		S	ection, Towns	ship, Range:			
Landform (hillslope, te	errace, etc.):	Terrace	Lo	ocal reli	ief (concave,	convex, none):	Concave	Slope (%): 1-10	
Subregion (LRR or MLF	RA): LRR L			La	at: 42.767168	89 Long:	-74.5782894	Datum: WGS84	
Soil Map Unit Name:	Mohawk and	Lima soils, 2 to 10) percent slopes (N	ЛIB)			NWI classif	ication:	
Are climatic/hydrologi	c conditions on	the site typical for	r this time of year	?	Yes 🟒	_ No (lf n	o, explain in Rema	arks.)	
Are Vegetation,	Soil,	or Hydrology	significantly distu	rbed?	Are "N	ormal Circums	stances" present?	Yes 🟒 No	
Are Vegetation,	Soil,	or Hydrology	naturally problen	natic?	(If nee	ded, explain ar	ny answers in Ren	narks.)	

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No _
Wetland Hydrology Present?	Yes No	lf yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures her	e or in a separate report)	
TRC covertype is UPL. Area is upland, not all t	hree wetland parameter	s are present. upland woods	

Wetland Hydrology Indicators:		
Primary Indicators (minimum of one is	Secondary Indicators (minimum of two required)	
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	 Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) 	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery Sparsely Vegetated Concave Surface	 Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) (B7) Other (Explain in Remarks) (B8) 	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Ye Water Table Present? Ye Saturation Present? Ye	s No ✓ Depth (inches): s No ✓ Depth (inches): s No ✓ Depth (inches):	Wetland Hydrology Present? Yes No
(includes capillary fringe)		-
Describe Recorded Data (stream gauge	, monitoring well, aerial photos, previous inspections), if	available:
Remarks: No positive indication of wetland hydro	logy was observed.	

Sampling Point: W-ARS-08; UPL-1

Tree Stratum (Plot size:30 ft)	Absolute	Dominant	Indicator	Dominance Test works	sheet:		
	% Cover	Species?	Status	Number of Dominant	Species That	1	(A)
1. <i>Fagus grandifolia</i>	75	Yes	FACU	Total Number of Domi	 nant Spacias		
2. <u>Prunus serotina</u>	5	No	FACU	Across All Strata	nant species	3	(B)
3. <u>Acer saccharum</u>	5	No	FACU	Percent of Dominant S	necies That		
4				Are OBL, FACW, or FAC		33.3	(A/B)
5				Prevalence Index work	sheet:		
6				Total % Cover	of:	Multiply	By:
7				OBL species	0	x 1 =	
	85	= Total Cov	er	FACW species	5	x 2 =	10
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	0	x 3 =	0
1. <i>Fagus grandifolia</i>	30	Yes	FACU	FACU species	115	x 4 =	460
2				UPL species	0	x 5 =	0
3				Column Totals	120	(A) -	470 (B)
4				Provalence I	r_{20}	30	470 (D)
5				Frevalence			
6.				Hydrophytic Vegetatio	n Indicators:		
7.				1- Rapid Test for	Hydrophytic \	/egetation	
	30	= Total Cov	er	2 - Dominance le	est is > 50%		
Herb Stratum (Plot size: 5 ft)		-		3 - Prevalence Inc	dex is $\leq 3.0^{\circ}$		
1. Impatiens capensis	5	Yes	FACW	4 - Morphologica	l Adaptations	¹ (Provide	supporting
2.	·			data in Remarks or on	a separate sr	ieet)	(ما ما م
3.				Problematic Hyd	rophytic vege	lation' (Ex	piain)
4.	·			indicators of hydric so	bil and wetian	a nyarolo; matic	gy must be
5	·			Definitions of Vegetati	on Strata	matic	
6				Tree Weedy plants 2	in (7.6 cm) or	r moro in l	diameter at
7	·			hreast height (DBH) re	iii. (7.0 ciii) Ui gardless of h	niore in o Aight	liameter at
/	·			Sanling/shrub Wood	v plants loss t	ban 2 in F	
o				greater than or equal t	n 3 28 ft (1 m) tall	Diranu
9	·			Herh – All herhaceous	(non-woody)	nlants reg	ardless of
	·			size, and woody plants	less than 3.2	8 ft tall.	
				Woody vines – All woo	dv vines grea	ter than 3.	28 ft in
12		<u> </u>		height.	-,		
	5	= Total Cov	er	Hydrophytic Vegetatic	n Present?		
Woody Vine Stratum (Plot size: <u>30 ft</u>)					ITFIESEIIC	105 1	IU <u>v</u>
1							
2							
3							
4							
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a separa	te sheet.)						

Sampling Point: W-ARS-08; UPL-1

	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Te	exture		R	emarks
) - 16	10YR 4/4	100					Gravell	y Silt Loam			
·		<u> </u>		·							
				· —							
		_									
				· —							
				: <u> </u>							
				·							
<u> </u>				·							
e: C = C	oncentration, D = [Depletio	n, RM = Reduced	Matr	rix, MS =	Masked S	and Grains. ² L	ocation: PL = Pore Li	ining, M =	Matri	х.
ric Soil I	ndicators:							Indicators for Prol	blematic	Hydric	Soils ³ :
Histosol	(A1)		Polyvalue Bel	ow S	urface (S	58) (LRR R,	MLRA 149B)	2 cm Muck (A1	0) (LRR K	, L, ML	RA 149B)
Black Hi	stic (A3)		Loamy Mucky	/ Min	(59) (ERF ieral (F1)		1490)	Coast Prairie R	edox (A1	6) (LRF	₹ K, L, R)
Hydroge	n Sulfide (A4)		Loamy Gleve	d Ma	trix (F2)	(211111, 2)		5 cm Mucky Pe	eat or Pea	at (S3)	(LRR K, L, R)
Stratified	Layers (A5)		Depleted Mat	trix (F	=3)			Dark Surface (57) (LRR I	K, L)	
Depleted	l Below Dark Surfa	ice (A11)) Redox Dark S	urfa	ce (F6)			Polyvalue Beld		e (58) (I DD V	LRR K, L)
Thick Da	rk Surface (A12)		Depleted Dar	k Sui	rface (F7))			ace (59) (so Masso	LKK N,	L) (IDD K I D)
Sandy M	ucky Mineral (S1)		Redox Depre	ssion	is (F8)			II OII-Ivialigatie	dolaio Se	5 (F1Z)	
Sandy G	leyed Matrix (S4)							Pleamont Plot	таріані зо тарі (МІ І	Δ 1//	5) (IVILKA 1496) A 1/15 1/198)
Sandy Re	edox (S5)							Nesic Spould (Red Parent Ma	torial (E2	1)	~, 143, 1490)
Stripped	Matrix (S6)							Very Shallow [)ark Surf:	י) ארפ (TF	12)
Dark Sur	face (S7) (LRR R, M	ILRA 149	9B)					Other (Explain	in Rema	rks)	12)
dicators o	of hydrophytic vege	etation a	and wetland hydr	ology	y must be	e present,	unless disturbe	ed or problematic.			
strictive L	ayer (if observed):										
	Туре:		None			Hydric S	oil Present?		Yes	_ No _	✓
I	Depth (inches):										
narks:											
positive	indication of hydri	c soils w	vas observed.								
positive	indication of hydri	c soils w	vas observed.								
positive	indication of hydri	c soils w	vas observed.								
positive	indication of hydri	c soils w	as observed.								
positive	indication of hydri	c soils w	vas observed.								
positive	indication of hydri	c soils w	vas observed.								
positive	indication of hydri	c soils w	vas observed.								

Photo of Sample Plot



Project/Site: East Poin	t	Cit	t y/County: Sharon,	Schoha	rie			Sampling Date	2017-July-12
Applicant/Owner: N	extEra				State:	New York		Sampling Point:	W-ARS-09; PUB-1
Investigator(s): Andr	^r ew Steiner, Ac	leline Bellesheim		Sec	tion, Town:	ship, Range	e:		
Landform (hillslope, te	rrace, etc.):	Depression	Loc	al relief:	(concave,	convex, no	one):	Concave	Slope (%): 10-20
Subregion (LRR or MLR	A): LRR L	-		Lat:	42.76646	03 Lo	ong:	-74.5838464	Datum: WGS84
Soil Map Unit Name:	Mohawk and	Lima soils, 2 to 10) percent slopes (M	IB)				NWI classifi	cation:
Are climatic/hydrologic	conditions or	the site typical fo	r this time of year?		Yes 🖌	_ No	(lf n	o, explain in Rema	arks.)
Are Vegetation,	Soil,	or Hydrology	significantly distur	bed?	Are "N	lormal Circ	ums	tances" present?	Yes 🟒 No
Are Vegetation,	Soil,	or Hydrology	naturally problem	atic?	(lf nee	ded, expla	in ar	iy answers in Rem	narks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🯒 No
Wetland Hydrology Present?	Yes 🟒 No	lf yes, optional Wetland Site ID:	W-ARS-09
Remarks: (Explain alternative procedures he	re or in a separate report)	
TRC covertype is PUB. Area is wetland, all thi	ree wetland parameters a	re present. pond	

Primany Indicators (minimum of on	o is required:	chock all the	at apply)		Secondary Indicators (minimum of two required)
✓ Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	- - - - - - -	Water-St. Aquatic F Marl Dep Hydrogel Oxidized	ained Leaves (B9) Fauna (B13) posits (B15) n Sulfide Odor (C1) Rhizospheres on Living Ro	oots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) ∠ Inundation Visible on Aerial Ima Sparsely Vegetated Concave Sur 	- - agery (B7) _ rface (B8)	Presence Recent lr Thin Muc Other (Ex	e of Reduced Iron (C4) on Reduction in Tilled Soils :k Surface (C7) xplain in Remarks)	s (C6)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:					
Surface Water Present?	Yes 🟒 No		Depth (inches):	48	
Water Table Present?	Yes No	1	Depth (inches):		Wetland Hydrology Present? Yes No
Saturation Present?	Yes No	1	Depth (inches):		-
(includes capillary fringe)			-		-
Describe Recorded Data (stream ga	auge, monitori	ng well, aer	ial photos, previous inspec	tions), if	available:
Remarks:					
Aerial photography depicts a darke wetland.	er signature (i.e	e. potential o	depression or relic scar) at	this loca	tion, which suggests the potential for this area to be a

Sampling Point: W-ARS-09; PUB-1

Tree Stratum (Plot cize: 20 ft)	Absolute	Dominant	Indicator	Dominance Test worksheet:	
	% Cover	Species?	Status	Number of Dominant Species	That 1 (A)
1				Are OBL, FACW, or FAC:	
2				Total Number of Dominant Spe	cies 1 (B)
3				Across All Strata:	
4.				Percent of Dominant Species I	nat 100 (A/B)
5				Are OBE, FACW, OF FAC.	
6.				Total & Cover of	Multiply Dyg
7.					<u>минру Бу.</u>
	0	= Total Cov	er	EACW species	X1=23
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)		_		EAC species 0	x2=0
1.				FAC species 0	X3=0
2.				UBL species 0	X4 =
3.				Column Tatala	$x_{5} = 0$
4.				Column locals 25	(A) <u>25 (B)</u>
5.	·	· ·		Prevalence Index = E	/A =1
6.	·	·		Hydrophytic Vegetation Indica	ors:
7.	·	·		1- Rapid Test for Hydroph	ytic Vegetation
	0	= Total Cov	er	2 - Dominance Test is >50	%
Herb Stratum (Plot size: 5 ft)		_		$_✓$ 3 - Prevalence Index is ≤	3.0 ¹
1. Leersia orvzoides	25	Yes	OBL	4 - Morphological Adapta	ions ¹ (Provide supporting
2.			-	- data in Remarks or on a separ	ite sheet)
3.	·	·		Problematic Hydrophytic	Vegetation' (Explain)
4	·	·		- Indicators of hydric soil and w	etland hydrology must be
5	·	·		present, unless disturbed of p	
6	·	·		Trop Woody plants 2 in (7.6	m) or more in diameter at
7				hreast height (DBH) regardles	s of height
8				Sanling/shrub - Woody plants	ess than 3 in DBH and
9				greater than or equal to 3.28 f	(1 m) tall.
10				- Herb – All herbaceous (non-wo	ody) plants, regardless of
11	·			size, and woody plants less that	n 3.28 ft tall.
12	·	·		- Woody vines – All woody vines	greater than 3.28 ft in
12	25	= Total Cov	or	height.	
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation Prese	nt? Yes 🖌 No
1					
2	·	·		-	
2	·	·		-	
	·	·		-	
*		- Total Cov	or	-	
		- 10tal COV			
Remarks: (Include photo numbers here or on a separat	te sheet.)				
1					

	% Color (moist)	% Type ¹	Loc ² Texture	Remarks
			a load Carad Crains 21	
ie: C = Concentration, D = De ric Soil Indicators:	pletion, RM = Reduce	d Matrix, MS = M	asked Sand Grains. ² L	ocation: PL = Pore Lining, M = Matrix.
Histosof (AT) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Surface Fhick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLF	Polyvalue B Thin Dark Si Loamy Mucl Loamy Gley Depleted Ma ? (A11) Redox Dark Depleted Da Redox Depr	drology, must ho	(LKK K, MLKA 1496) 2, MLRA 149B) RR K, L)	 2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
licators of hydrophytic vegeta	ation and wetland hyd	arology must be	oresent, uniess disturbe	d or problematic.
trictive Layer (if observed):	News	ŀ	Hydric Soil Present?	Yes 🖌 No
trictive Layer (if observed): Type:	None	-		
strictive Layer (if observed): Type: Depth (inches): marks:	None			

Photo of Sample Plot



Project/Site: East Point	City/County: Sharon Springs	Sampling Date: 2017-July-12		
Applicant/Owner: NextEra		State: New York	Sampling Point: W-A	RS-09; UPL-1
Investigator(s): Andrew Steiner, Adeline Belleshe	im See	tion, Township, Range:		
Landform (hillslope, terrace, etc.): Terrace	Local relie	f (concave, convex, none):	None	Slope (%): 0-1
Subregion (LRR or MLRA): LRR L	Lat	42.7662411 Long:	-74.5834112	Datum: WGS84
Soil Map Unit Name: Mohawk and Lima soils, 2 t	o 10 percent slopes		NWI classificatio	on:
Are climatic/hydrologic conditions on the site typica	al for this time of year?	Yes 🟒 No (If n	o, explain in Remarks.)
Are Vegetation, Soil, or Hydrology	significantly disturbed?	Are "Normal Circums	stances" present?	Yes 🟒 No
Are Vegetation, Soil, or Hydrology	naturally problematic?	(If needed, explain ar	ny answers in Remarks	5.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No _
Wetland Hydrology Present?	Yes No	lf yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures her	e or in a separate report)	
TRC covertype is UPL. Area is upland, not all t	hree wetland parameter	s are present. upland woods	

Wetland Hydrology Indicators:				
Primary Indicators (minimum of one is	Secondary Indicators (minimum of two required)			
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	 Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) 	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery Sparsely Vegetated Concave Surface	 Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) (B7) Other (Explain in Remarks) (B8) 	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations:				
Surface Water Present? Ye Water Table Present? Ye Saturation Present? Ye	s No ✓ Depth (inches): s No ✓ Depth (inches): s No ✓ Depth (inches):	Wetland Hydrology Present? Yes No		
(includes capillary fringe)		-		
Describe Recorded Data (stream gauge	, monitoring well, aerial photos, previous inspections), if	available:		
Remarks: No positive indication of wetland hydro	logy was observed.			

Sampling Point: W-ARS-09; UPL-1

	A h a a luta	Deminant	Indiantan	Dominanco Tost workshoot:		
Tree Stratum (Plot size: <u>30 ft</u>)	% Cover	Species?	Status	Number of Dominant Species That		
1 Fagus grandifolia	60	Yes	FACU	Are OBL, FACW, or FAC:	1	(A)
2 Acer saccharum	15	Vec	FACU	Total Number of Dominant Species	;	(5)
	15	163	FACO	Across All Strata:	5	(B)
3		·		Percent of Dominant Species That		
4.				Are OBL, FACW, or FAC:	20	(A/B)
5		·		Prevalence Index worksheet:		
6				Total % Cover of:	Multiply	Bv:
7				OBL species 0	x 1 =	0
	75	= Total Cov	er	FACW species 10	x 2 =	20
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	- ^2 _	0
1. Fagus grandifolia	15	Yes	FACU	EACLI species 100		400
2. Acer saccharum	10	Yes	FACU		×4-	400
3.		·		UPL species 0	x 5 =	0
Δ		•		Column Totals 110	(A)	420 (B)
5				Prevalence Index = B/A =	3.8	
·				Hydrophytic Vegetation Indicators		
o				1- Rapid Test for Hydrophytic	Vegetation	
7				2 - Dominance Test is > 50%	0	
	25	= Total Cov	er	$3 - Prevalence Index is \leq 3.0^{1}$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				4 - Morphological Adaptation	s ¹ (Provide	sunnorting
1. <i>Impatiens capensis</i>	10	Yes	FACW	data in Remarks or on a separate s	heet)	Supporting
2.	10			Problematic Hydrophytic Veg	etation ¹ (Ex	nlain)
3.				Indicators of bydric soil and woth		piani)
4.		·		present upless disturbed or probl	nu nyurolog amatic	gy must be
5		•		Definitions of Venetation Strates	ematic	
s		·		Definitions of vegetation strata:		
0				Iree – Woody plants 3 in. (7.6 cm)	or more in o	diameter at
7				breast neight (DBH), regardless of	neight.	
8				Sapling/shrub – Woody plants less	than 3 in. L	OBH and
9				greater than or equal to 3.28 ft (1)	n) tall.	
10				Herb – All herbaceous (non-woody) plants, reg	gardless of
11				size, and woody plants less than 3.	28 ft tall.	
12.				Woody vines – All woody vines gre	ater than 3.	28 ft in
	20	= Total Cov	er	height.		
Woody Vine Stratum (Plot size: 30 ft)		-		Hydrophytic Vegetation Present?	Yes N	lo 🟒
1						
2						
2.						
3		·				
4		·				
	0	= Total Cov	er			
Remarks: (Include photo numbers here or on a separate	e sheet.)			_		
· · · · · · · · · · · · · · · · · · ·						
No positive indication of hydrophytic vegetation was ob-	served (≥	50% of dom	iinant specie	es indexed as FAC- or drier).		

	Color (moist)	%	Color (moist)	%	Type ¹	Loc ² Texture	2	Remarks
) - 16	10YR 3/4	100				Silt Loan	n	
		·		·				
		·		·				
		·						
		·						
e: C = C	oncentration, D = I	Depletio	n, RM = Reduced	Matrix	x, MS =	Masked Sand Grains. ²	Location: PL = Por	e Lining, M = Matrix.
ric Soil I	ndicators:						Indicators for P	roblematic Hydric Soils ³ :
Black Hi Hydroge Stratified Depleted Thick Da Sandy M Sandy G Sandy R	stic (A3) en Sulfide (A4) d Layers (A5) d Below Dark Surfa ark Surface (A12) fucky Mineral (S1) ileyed Matrix (S4) edox (S5) d Matrix (S6)	ice (A11)	Loamy Muck Loamy Gleye Depleted Ma Redox Dark S Depleted Dar Redox Depre	y Mine d Matr trix (F3 Surface k Surfa ssions	ral (F1) (ix (F2) (F6) ace (F7) (F8)	(LRR K, L)	Coast Prairi 5 cm Mucky Dark Surfac Polyvalue B Thin Dark S Iron-Manga Piedmont F Mesic Spod Red Parent Very Shallo	e Redox (A16) (LRR K, L, R) / Peat or Peat (S3) (LRR K, L, R) e (S7) (LRR K, L) elow Surface (S8) (LRR K, L) urface (S9) (LRR K, L) inese Masses (F12) (LRR K, L, R) loodplain Soils (F19) (MLRA 149B) ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
Dark Su	rface (S7) (LRR R, M	ILRA 149	3 B)				Other (Expl	
Dark Su dicators	rface (S7) (LRR R, M of hydrophytic vege aver (if observed):	etation a	and wetland hydr	ology	must be	e present, unless disturb	ed or problematic	
Dark Su Dark Su dicators o strictive L narks:	rface (S7) (LRR R, M of hydrophytic vege .ayer (if observed): Type: Depth (inches):	ILRA 149	and wetland hydr	ology	must be	e present, unless disturb Hydric Soil Present?	ed or problematic	No

Photo of Sample Plot



Project/Site: East Point	_City/County:_ ,	Sampling Date: 2019-May-01
Applicant/Owner: NextEra	State:	Sampling Point: W-CL-2; PSS-1
Investigator(s): Jake Brillo, Val Mitchell	Section, Township, Range:	
Landform (hillslope, terrace, etc.): Depression	Local relief (concave, convex, none):	Flat Slope (%): 0-1
Subregion (LRR or MLRA): LRR R	Lat: 42.7764390037 Long:	-74.5495325234 Datum: WGS84
Soil Map Unit Name: Mardin channery silt loam, 8	8 to 15 percent slopes	NWI classification:
Are climatic/hydrologic conditions on the site typica	l for this time of year? Yes _∠_ No (If n	o, explain in Remarks.)
Are Vegetation, Soil, or Hydrology _	significantly disturbed? Are "Normal Circums	tances" present? Yes 🟒 No
Are Vegetation, Soil, or Hydrology _	naturally problematic? (If needed, explain ar	ny answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No									
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No							
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-CL-2							
Remarks: (Explain alternative procedures here or in a separate report)										
TRC covertype is PSS. Area is wetland, all thr	ree wetland parameters a	re present.								

Wetland Hydrology Indicators:					
Primary Indicators (minimum of one is	s required; check all that appl	(y	Secondary Indicators (minimum of two required)		
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	 ✓ Water-Stained Aquatic Fauna Marl Deposits (Hydrogen Sulfi Oxidized Rhizo 	Leaves (B9) B13) B15) de Odor (C1) spheres on Living Roots (C3	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 		
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Image Sparsely Vegetated Concave Surface 	Presence of Re Recent Iron Re Thin Muck Surf ry (B7) Other (Explain ce (B8)	duced Iron (C4) duction in Tilled Soils (C6) ace (C7) n Remarks)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) ✓ FAC-Neutral Test (D5) 		
Field Observations:					
Surface Water Present? Ye	es No 🟒 🛛 Dep	th (inches):			
Water Table Present? Ye	es 🖌 No Dep	th (inches): 12	Wetland Hydrology Present? Yes No		
Saturation Present? Ye	es 🟒 No Dep	th (inches): 0			
(includes capillary fringe)					
Describe Recorded Data (stream gaug	e, monitoring well, aerial pho	tos, previous inspections), i	f available:		

Sampling Point: W-CL-2; PSS-1

Tree Stratum (Plot size: <u>30 ft</u>)	Absolute	Dominant	Indicator	Dominance Test works	heet:		
1	% COVEI	species:	Status	Are OBL, FACW, or FAC		4	(A)
1				Total Number of Domir	nant Species		
2				Across All Strata:	I	4	(B)
3				Percent of Dominant S	pecies That	100	(A /D)
4		<u> </u>		Are OBL, FACW, or FAC		100	(A/B)
з. 		<u> </u>		Prevalence Index work	sheet:		
7		<u> </u>		<u>Total % Cover</u>	<u>of:</u>	<u>Multiply</u>	<u>By:</u>
/		- Total Cov	or	OBL species	15	x 1 =	15
Sanling/Shruh Stratum (Plot size: 15 ft)	0	- 10tal COV		FACW species	60	x 2 =	120
<u>Saping/Sinub Stratum</u> (Flot Size, <u>15 it</u>)	45	Voc		FAC species	0	x 3 =	0
2 Saliv pigra	10			FACU species	0	x 4 =	0
	10	110	UBL	UPL species	0	x 5 =	0
S		·		Column Totals	75	(A)	135 (B)
4		·		Prevalence Ir	ndex = B/A =	1.8	
S		·		Hydrophytic Vegetatior	n Indicators:		
o		·		1- Rapid Test for H	Hydrophytic V	/egetation	
/		Tatal Car		2 - Dominance Te	st is >50%		
Hands Church and (Distriction of St.)	55	= 10tal Cov	er	3 - Prevalence Ind	lex is $\leq 3.0^1$		
Herb Stratum (Plot size: <u>5 ft</u>)	10		EA CIA/	4 - Morphological	Adaptations	(Provide	supporting
1. Solidago gigantea	10	Yes	FACW	data in Remarks or on	a separate sh	neet)	
2. Caltha palustris		Yes	OBL	Problematic Hydr	ophytic Vege	tation ¹ (Ex	plain)
3. <u>Onoclea sensibilis</u>	5	Yes	FACW	¹ Indicators of hydric so	il and wetlan	d hydrolo	gy must be
4.				present, unless disturb	ed or probler	matic	
5		•		Definitions of Vegetation	on Strata:		
6				Tree – Woody plants 3	in. (7.6 cm) or	r more in o	diameter at
7				breast height (DBH), re	gardless of h	eight.	
8				Sapling/shrub – Woody	plants less t	han 3 in. [OBH and
9				greater than or equal t	o 3.28 ft (1 m) tall.	
10				Herb – All herbaceous	(non-woody)	plants, reg	gardless of
11						o It lall.	20 ft in
12				height	ly villes great		20 11 11
	20	= Total Cov	er		- D	/ / N	
Woody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic vegetatio	n Present?	res 🟒 N	10
1							
2							
3							
4							
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a separate	sheet.)						
	· · · · · · · · · · · · · · · · · · ·						

Profile Des	cription: (Describe	to the	depth needed to	docu	ment the	indicato	or or confirm the at	osence of indicators.)
Depth _	Matrix		Redo	x Fea	tures		T	Demedia
(inches)	Color (moist)	<u> </u>	Color (moist)		Туреч	LOC ²	lexture	Remarks
0-3	10YR 3/2	100					Silt Loam	
3-7	10YR 4/1	90	5YR 4/6	10	<u> </u>	M/PL	Silt Loam	
7 - 24	5Y 4/1	100		·			Silt Loam	
				·				
				·				
				·				
						· . <u> </u>		
¹ Type: C = 0	Concentration, D =	Deplet	ion, RM = Reduce	d Ma	trix, MS	= Maskec	l Sand Grains. ² Lo	ocation: PL = Pore Lining, M = Matrix.
Hydric Soil	Indicators:							Indicators for Problematic Hydric Soils ³ :
Histoso	l (A1)		Polyvalue B	elow	Surface ((S8) (LRR	R, MLRA 149B)	2 cm Muck (A10) (I RR K MI RA 149B)
Histic E	pipedon (A2)		Thin Dark S	urfac	.e (S9) (LF	R R, MLR	A 149B)	Coast Prairie Redox (A16) (I RR K R)
Black H	istic (A3)		Loamy Muc	ky Mi	ineral (F1) (LRR K,	L)	5 cm Mucky Peat or Peat (S3) (I RR K. I. R)
Hydrog	en Sulfide (A4)		Loamy Gley	ed M	atrix (F2)	1		Dark Surface (S7) (LRR K. L)
Stratifie	ed Layers (A5)	_	Depleted M	atrix	(F3)			Polyvalue Below Surface (S8) (LRR K, L)
Deplete	ed Below Dark Sur	face (A1	1) Redox Dark	Surfa	ace (F6)	-,		Thin Dark Surface (S9) (LRR K, L)
Thick D	ark Surface (A12)		Depleted Da	ark Si	urface (F.	/)		Iron-Manganese Masses (F12) (LRR K, L, R)
Sanuy r	Mucky Mineral (ST)	1	Redox Depr	essio	ins (Fø)			Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy v	Gleyed Matrix (54)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy I	Redox (S5)							Red Parent Material (F21)
Strippe	d Matrix (S6)							Very Shallow Dark Surface (TF12)
Dark Su	urface (S7) (LRR R,	MLRA 14	49B)					Other (Explain in Remarks)
³ Indicators	of hydrophytic ve	getatior	າ and wetland hyd	drolo	gy must l	be presei	nt, unless disturbe	d or problematic.
Restrictive	Layer (if observed):						
	Туре:		None	-		Hydric	Soil Present?	Yes 🟒 No
	Depth (inches):							
Remarks:	-							
l								
l								

Vegetation Photos



Soil Photos





Project/Site: East Poin	t	City/	'County:,			Sampling Date:	2019-May-01		
Applicant/Owner: N	ner: NextEra State:					Sampling Point: W-CL-2; UPL-1			
Investigator(s): Jake	nvestigator(s): Jake Brillo, Val Mitchell Section, Township, Range:								
Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Convex							Slope (%): 2-5		
Subregion (LRR or MLR	RA): LRR F	R		Lat: 42.7763506165	Long:	-74.5495459345	Datum: WGS84		
Soil Map Unit Name:	Lakemont ar	d Madalin silty clay	loams, 2 to 6 percent	slopes		NWI classific	ation:		
Are climatic/hydrologic	conditions or	the site typical for t	his time of year?	Yes 🟒 No _	(lf n	o, explain in Rema	rks.)		
Are Vegetation,	Soil,	or Hydrology s	ignificantly disturbec	l? Are "Normal (Circums	tances" present?	Yes 🟒 No		
Are Vegetation,	Soil,	or Hydrology n	aturally problematic	? (If needed, ex	plain ar	ny answers in Rem	arks.)		

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒								
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒						
Wetland Hydrology Present?	Yes No	lf yes, optional Wetland Site ID:							
Remarks: (Explain alternative procedures here or in a separate report)									
TRC covertype is UPL. Area is upland, not all t	hree wetland parameter	s are present.							

Primary Indicators (minimum of one is required: check all that apply) Second	Jary Indicators (minimum of two required) face Soil Cracks (B6) ninage Patterns (B10) ss Trim Lines (B16) Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (C9) nted or Stressed Plants (D1) omorphic Position (D2) illow Aquitard (D3)
	face Soil Cracks (B6) ainage Patterns (B10) ss Trim Lines (B16) Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (C9) nted or Stressed Plants (D1) omorphic Position (D2) Illow Aquitard (D3)
Drift Deposits (B3) Presence of Reduced Iron (C4) Stu Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Gee Iron Deposits (B5) Thin Muck Surface (C7) Sha Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Mic Sparsely Vegetated Concave Surface (B8) FAC Field Observations:	nted or Stressed Plants (D1) omorphic Position (D2) illow Aquitard (D3)
Field Observations: Surface Water Present? Yes No Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available	rotopographic Relief (D4) 2-Neutral Test (D5)
Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): (includes capillary fringe)	
Water Table Present? Yes No Depth (inches): Wetlar Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available	
Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available	id Hydrology Present? Yes No _∠
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available	
Remarks:	2:

Sampling Point: W-CL-2; UPL-1

Tree Stratum (Plot size: 30 ft)	Absolute	Dominant	Indicator	Dominance Test works	heet:		
	% Cover	Species?	Status	Number of Dominant S	Species That	2	(A)
1. <i>Fraxinus americana</i>	15	Yes	FACU	Are OBL, FACW, or FAC:			
2. Prunus serotina	5	Yes	FACU	Across All Strata:	nant Species	6	(B)
3				Percent of Dominant S	nocios That		
4				Are OBL FACW or FAC	:	33.3	(A/B)
5				Prevalence Index work	sheet:		
6				Total % Cover	of:	Multiply F	Bv:
7				OBL species	0	x 1 =	0
	20	= Total Cov	er	FACW species	0	x 2 =	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	23	x 3 =	69
1. <i>Prunus serotina</i>	10	Yes	FACU	FACU species	38	x 4 =	152
2. <i>Viburnum lentago</i>	5	Yes	FAC	UPL species	0	x 5 =	0
3				Column Totals	61	(A)	221 (B)
4				Prevalence la	dev = B/A =	36	221 (D)
5							
6				Hydrophytic Vegetation	n Indicators:		
7						regetation	
	15	= Total Cov	er	2 - Dominance re	SUS > 50%		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				5 - Prevalence inc	1000000000000000000000000000000000000	(Drovida c	upporting
1. Dryopteris intermedia	18	Yes	FAC	data in Remarks or on	a senarate sh		upporting
2. <i>Fragaria virginiana</i>	8	Yes	FACU	Problematic Hvdr	ophytic Vege	tation ¹ (Exi	olain)
3.				¹ Indicators of hydric sc	il and wetlan	d hydrolog	y must be
4.				present, unless disturb	ed or probler	natic	,,
5.				Definitions of Vegetation	on Strata:		
6.				Tree – Woody plants 3	in. (7.6 cm) or	- more in d	liameter at
7.				breast height (DBH), re	gardless of h	eight.	
8.				Sapling/shrub - Woody	/ plants less tl	han 3 in. D	BH and
9.				greater than or equal t	o 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous	(non-woody)	plants, reg	ardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines – All woo	dy vines great	er than 3.2	28 ft in
	26	= Total Cov	er	height.			
Woody Vine Stratum (Plot size: <u>30 ft</u>)		-		Hydrophytic Vegetatic	n Present?	/es N	0 🖌
1.							
2.		·					
3.							
4.	. <u> </u>						
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a separate	e sheet)	-					
Remarks. (include photo numbers here of on a separati	e sneet.)						

(inches)	Matrix		Redox	Feat	ures					
(Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture			Remarks
0 - 12	10YR 5/3	100		_			Loam			
				_						
				_						
				_						
		· ·								
		· ·								
ype: C = C	oncentration, D =	Depletio	n, RM = Reduced	Mat	rix, MS =	Masked	Sand Grains. ² Lo	ocation: PL = F	ore Lin	iing, M = Matrix.
ydric Soil I	ndicators:							Indicators fo	r Probl	ematic Hydric Soils ³ :
Histosol	(A1)		Polyvalue Bel	ow S	urface (S	8) (LRR	R, MLRA 149B)	2 cm Mu	rk (Δ10	
Histic Ep	ipedon (A2)		Thin Dark Sur	face	(S9) (LRR	R, MLR	A 149B)	Coast Pr	airie Re	dox (A16) (LRR K. L. R)
Black His	stic (A3)		Loamy Mucky	' Mir	eral (F1)	(LRR K, I	L)	5 cm Mu	rkv Pea	it or Peat (S3) (I RR K. I. R)
Hydroge	n Sulfide (A4)		Loamy Gleyed	d Ma	trix (F2)			Dark Sur	face (S7	7) (LRR K, L)
Stratified	Layers (A5)		Depleted Mat	rix (l	-3)			Polyvalue	Below	/ Surface (S8) (LRR K, L)
_ Depleted	Below Dark Surfa	ace (A11)) Redox Dark S	urfa	ce (F6)			Thin Dar	k Surfa	ce (S9) (LRR K, L)
_ I NICK Da Sandy M	rk Surface (ATZ)		Depleted Dar	k Su	rtace (F7)			Iron-Mar	iganese	e Masses (F12) (LRR K, L, R)
_ Sanuy IVI	loved Matrix (S4)		Redux Depres	55101	15 (FO)			Piedmon	t Flood	plain Soils (F19) (MLRA 149B)
_ Sandy G	eyeu Matrix (54)							Mesic Sp	odic (TA	A6) (MLRA 144A, 145, 149B)
_ Sanuy Re	Matrix (SG)							Red Pare	nt Mate	erial (F21)
Dark Sur	face (SZ) (I DD D N)B)					Very Sha	llow Da	rk Surface (TF12)
		1204 14:	(10)					Other (Ex	cplain ir	n Remarks)
ndicators o	of hydrophytic veg	etation a	and wetland hydr	olog	y must b	e preser	nt, unless disturbe	d or problema	atic.	
estrictive L	ayer (if observed):									
-	Гуре:		Rock			Hydric	Soil Present?	Yes	No	
I	Depth (inches):		12							
emarks:										

Photo of Sample Plot



Project/Site: East Point		City/County: Sharon, Schoha	rie County		Sampling Date:	2018-Aug-09
Applicant/Owner: NextEra			State: NY		Sampling Point: V	V-CTL-01; PFO-1
Investigator(s): Connor Lidde	ll, Kaylee Townsend	Sect	ion, Township, Ran	ge:		
Landform (hillslope, terrace, etc	.): Depression	Local relief	(concave, convex, r	none):	Concave	Slope (%): 0-1
Subregion (LRR or MLRA):	LRR L	Lat:	42.7778469	Long:	-74.5585837	Datum: WGS84
Soil Map Unit Name: Al- Alluv	vial Land				NWI classific	ation:
Are climatic/hydrologic conditio	ns on the site typical	for this time of year?	Yes 🟒 No	_ (If no	o, explain in Remar	ks.)
Are Vegetation, Soil,	or Hydrology	significantly disturbed?	Are "Normal Ci	rcumst	ances" present?	Yes 🟒 No
Are vegetation, Soll,	or mydrology	naturally problematic?	(ii needed, exp	iam an	y answers in Rema	ii KS.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No								
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No						
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-CTL-01						
Remarks: (Explain alternative procedures here or in a separate report)									
TRC covertype is PFO. Area is wetland, all thr	ree wetland parameters a	re present.							

Wetland Hydrology Indicators:	a is required, sheet, all t	hat apply)		Cocondany Indicators (minimum of two required)		
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	<u>e is required, creck and</u> Water-S Aquatic Marl De Hydrog Oxidize	Stained Leaves (B9) Fauna (B13) eposits (B15) en Sulfide Odor (C1) d Rhizospheres on Living	Roots (C3)	Secondary indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)		
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	Present Recent Thin Mu agery (B7) Other (I rface (B8)	ce of Reduced Iron (C4) Iron Reduction in Tilled So uck Surface (C7) Explain in Remarks)	oils (C6)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	Yes No _∠ Yes _∠_ No Yes _∠_ No	Depth (inches): Depth (inches): Depth (inches):	13 0	_ Wetland Hydrology Present? Yes _∠_ No 		
Describe Recorded Data (stream g	auge, monitoring well, ae	erial photos, previous insp	ections), if	available:		
Remarks:						
A positive indication of wetland hyd	drology was observed (p	rimary and secondary ind	icators wer	e present).		

Sampling Point: W-CTL-01; PFO-1

•						
Tree Stratum (Plot size: <u>30 ft</u>)	Absolute	Dominant	Indicator	Dominance Test worksheet:		
A Francisco a seconda da seconda d	% COVER		Status		6	(A)
1. Fraxinus pennsylvanica	30	Yes	FACW	Total Number of Dominant Species		
2. Salix bebbiana	20	Yes	FACW	Across All Strata:	6	(B)
3		·		Percent of Dominant Species That		
4				Are OBL, FACW, or FAC:	100	(A/B)
5				Prevalence Index worksheet:		
6				Total % Cover of:	Multiply	Bv:
7				- OBL species 0	x 1 =	0
	50	= Total Cov	er	FACW species 225	x 2 =	450
<u>Sapling/Shrub Stratum</u> (Plot size: <u>15 ft</u>)				FAC species 10	x 3 =	30
1. <i>Cornus amomum</i>	45	Yes	FACW	FACU species 0	× 4 =	0
2				IIPI species	×5=	0
3.				Column Totals	· ^)	490 (P)
4.					. (A) _	400 (B)
5.	_					
6.				Hydrophytic Vegetation Indicators:		
7.		·		1- Rapid Test for Hydrophytic	Vegetation	
	45	= Total Cov	er	2 - Dominance Test is >50%		
Herb Stratum (Plot size: 5 ft)		_		\checkmark 3 - Prevalence Index is ≤ 3.0 ¹		
1. Onoclea sensibilis	60	Yes	FACW	4 - Morphological Adaptation	s ¹ (Provide s	supporting
2 Solidago gigantea	40	Yes	FACW	data in Remarks or on a separate s	heet)	
3 Impatiens canensis	30	Voc	FACW	Problematic Hydrophytic Veg	etation ¹ (Ex	plain)
A Euthamia graminifolia	10	No	FAC	¹ Indicators of hydric soil and wetla	nd hydrolog	gy must be
			TAC	present, unless disturbed or proble	ematic	· · · · · · · · · · · · · · · · · · ·
с				Definitions of Vegetation Strata:		
0				Iree – Woody plants 3 in. (7.6 cm)	or more in c	diameter at
7		·		Contine (charter) Was due la sta	height.	Diland
8				greater than or equal to 3.28 ft (1 r	unan Sin. L mitall	
9.				Horb All borbaccours (non woodu) plants roc	tardlass of
10		·		size and woody plants less than 3	28 ft tall	sal uless of
11		·		Woody vines – All woody vines gre	ater than 3	28 ft in
12				height.	iter than 5.	2010111
	140	= Total Cov	er	Ludronbutic Vegetation Procent?		
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)				Hydrophytic vegetation Present?		10
1				-		
2				-		
3				_		
4				_		
	0	= Total Cov	er			
Remarks: (Include photo numbers here or on a separa	te sheet.)					
	···· ,					
A positive indication of hydrophytic vegetation was ob-	served (SEI)% of domin	ant species	indexed as $OBL EACW$ or EAC		
Provide indication of hydrophytic vegetation was 00.	JCI VCU (~30		and species	indexed as OBE, I ACVV, OF FACJ.		

ncnes)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks
0 - 12	2.5Y 3/2	85	2.5YR 4/6	15	С	M	Silt Loar	n	
12 - 20	2.5Y 5/2	80	7.5YR 4/6	20	С	<u>M</u>	Clay Loa	m	
·		·							
:		·							
			ing DM - Deduce	. <u> </u>			red Creating 21		Deve Lining M - Matrix
/pe: C = C dric Soil I	oncentration, D = I	Jepiet	$\frac{1}{100}$, RM = Reduce	a Mat	rix, ivis =	Masked Sa	nd Grains. ² L	= Indicators	Pore Lining, M = Matrix.
Black His Hydroge Stratified Depleted Thick Da Sandy M Sandy G	stic (A3) n Sulfide (A4) d Layers (A5) d Below Dark Surfa rk Surface (A12) ucky Mineral (S1) leved Matrix (S4)	ace (A1	Loamy Muck Loamy Gleye Depleted Ma 1)_✓ Redox Dark Depleted Da Redox Depr	્પુ Mir ed Ma atrix (l Surfa ark Su essior	neral (F1) htrix (F2) F3) ce (F6) rface (F7) ns (F8)	(LRR K, L)		5 cm M Dark Su Polyval Thin Da Iron-Ma Piedmo	ucky Peat or Peat (S3) (LRR K, L, R) irface (S7) (LRR K, L) ue Below Surface (S8) (LRR K, L) irk Surface (S9) (LRR K, L) anganese Masses (F12) (LRR K, L, R) int Floodolain Soils (F19) (MI RA 1498)
Sandy Re Stripped Dark Sur	edox (S5) Matrix (S6) face (S7) (LRR R, M	ILRA 14	49B)					Mesic S Red Pai Very Sh Other (podic (TA6) (MLRA 144A, 145, 149B) rent Material (F21) allow Dark Surface (TF12) Explain in Remarks)
Sandy Ro Stripped Dark Sur ndicators c	edox (S5) Matrix (S6) face (S7) (LRR R, N of hydrophytic veg	ILRA 14	19B) and wetland hyd	rolog	y must b	e present, i	ınless disturbe	Mesic S Red Pai Very Sh Other (ed or problem	podic (TA6) (MLRA 144A, 145, 149B) rent Material (F21) allow Dark Surface (TF12) Explain in Remarks) natic.
Sandy Re Stripped Dark Sur ndicators c	edox (S5) Matrix (S6) face (S7) (LRR R, M of hydrophytic veg ayer (if observed):	ILRA 1 4 etatior	49B) ı and wetland hyd	rolog	y must b	e present, i	ınless disturbe	Mesic S Red Pai Very Sh Other (ed or problen	podic (TA6) (MLRA 144A, 145, 149B) rent Material (F21) allow Dark Surface (TF12) Explain in Remarks) natic.
Sandy Ri Stripped Dark Sur ndicators c estrictive L	edox (S5) Matrix (S6) face (S7) (LRR R, N of hydrophytic veg ayer (if observed): Type:	ILRA 1	49B) <u>1 and wetland hyd</u> None	rolog	y must b	e present, u Hydric So	unless disturbe il Present ?	Mesic S Red Pai Very Sh Other (ed or problem	podic (TA6) (MLRA 144A, 145, 149B) rent Material (F21) allow Dark Surface (TF12) Explain in Remarks) natic.
Sandy Re Stripped Dark Sur ndicators c estrictive L	edox (S5) Matrix (S6) face (S7) (LRR R, M of hydrophytic veg ayer (if observed): Type: Depth (inches):	ILRA 1	49B) 1 and wetland hyd None	Irolog	y must b	e present, u Hydric So	unless disturbe il Present?	Mesic S Red Pai Very Sh Other (ed or problem	podic (TA6) (MLRA 144A, 145, 149B) rent Material (F21) allow Dark Surface (TF12) Explain in Remarks) natic.

Project/Site: East Point		City/County: Sharon, Scho	oharie County	Samplin	ng Date: 2018-Aug-09
Applicant/Owner: NextEra			State: NY	Sampling	Point: W-CTL-01; PFO-2
Investigator(s): Connor Lidde	ll, Kaylee Townsend		Section, Township, Ra	nge:	
Landform (hillslope, terrace, etc	.): Depression	Local re	lief (concave, convex,	none): Concave	Slope (%): 2-5
Subregion (LRR or MLRA):	LRR L	L	at: 42.7778451	Long: -74.56011	Datum: WGS84
Soil Map Unit Name: Al- Alluv	vial land			NWI	classification:
Are climatic/hydrologic conditio	ns on the site typical	for this time of year?	Yes 🟒 No 🔄	(If no, explain i	n Remarks.)
Are Vegetation, Soil,	or Hydrology	significantly disturbed?	Are "Normal C	ircumstances" pro	esent? Yes 🟒 No
Are Vegetation, Soil,	or Hydrology	naturally problematic?	(If needed, exp	olain any answers	in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🖌 No Yes 🖌 No	Is the Sampled Area within a Wetland?	Yes / No							
Wetland Hydrology Present?	Yes _ No	If yes, optional Wetland Site ID:	W-CTL-01							
Remarks: (Explain alternative procedures here or in a separate report)										
TRC covertype is PFO. Area is wetland, all	three wetland parameters	s are present.								

Wetland Hydrology Indicators:	a is required: che	ock all that a	oply)		Secondary Indicators (minimum of two required)		
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)		Water-Staine Aquatic Fau Marl Deposi Hydrogen Su Oxidized Rh	ed Leaves (B9) na (B13) its (B15) ulfide Odor (C1) izospheres on Living Ro	ots (C3)			
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	 agery (B7) 0 Irface (B8)	 ✓ Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) 			 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	Yes No _ / Yes No _ / Yes _ / No	_ C	Depth (inches): Depth (inches): Depth (inches):	6	Wetland Hydrology Present? Yes _∠ No		
Describe Recorded Data (stream g	auge, monitoring	well, aerial p	photos, previous inspect	tions), if a	available:		
Remarks:							
A positive indication of wetland hy	drology was obse	rved (primai	ry and secondary indica	tors wer	e present).		

Sampling Point: W-CTL-01; PFO-2

	A	Densinent	In direction	Dominance Test workshoot		
Tree Stratum (Plot size: <u>30 ft</u>)	% Cover	Species?	Status	Number of Dominant Species	That	
1 Acer rubrum	35	Ves	FAC	Are OBL, FACW, or FAC:		7 (A)
2 Fravinus pennsylvanica	25	Ves	FACW	Total Number of Dominant Sp	ecies	7 (D)
3 Illmus americana	10	No	FACW	Across All Strata:		7 (B)
4 Salix hebbiana	10	No	FACW	Percent of Dominant Species	hat	00 (A/B)
5			TACI	Are OBL, FACW, or FAC:		(A/B)
о				Prevalence Index worksheet:		
7				Total % Cover of:	<u>Multi</u>	<u>ply By:</u>
/·	80	- Total Cov	or	OBL species 0	x 1 =	0
Sapling/Shruh Stratum (Plot size: 15 ft)		- 10001 COV		FACW species 180	x 2 =	360
1 Amelanchier intermedia	25	Voc		FAC species 80	x 3 =	240
Corpus amomum	25	Voc		FACU species 0	x 4 =	0
	15	Vec		UPL species 0	x 5 =	0
	15	res	FAC	Column Totals 260	(A)	600 (B)
4				Prevalence Index = E	/A = <u>2.3</u>	
5				Hydrophytic Vegetation Indica	tors:	
6				1- Rapid Test for Hydroph	iytic Vegeta	tion
7				2 - Dominance Test is >50)%	
	75	= Total Cov	er	✓ 3 - Prevalence Index is ≤	3.0 ¹	
Herb Stratum (Plot size: <u>5 ft</u>)				4 - Morphological Adapta	tions ¹ (Prov	ide supporting
1. <u>Onoclea sensibilis</u>	55	Yes	FACW	data in Remarks or on a separ	ate sheet)	
2. Equisetum hyemale	30	Yes	FAC	Problematic Hydrophytic	Vegetation ¹	(Explain)
3. <i>Dryopteris carthusiana</i>	20	No	FACW	¹ Indicators of hydric soil and w	etland hydr	ology must be
4				present, unless disturbed or p	roblematic	
5				Definitions of Vegetation Strat	a:	
6				Tree – Woody plants 3 in. (7.6	:m) or more	in diameter at
7				breast height (DBH), regardles	s of height.	
8				Sapling/shrub – Woody plants	less than 3 i	n. DBH and
9				greater than or equal to 3.28 f	: (1 m) tall.	
10.				Herb – All herbaceous (non-wo	ody) plants	, regardless of
11.				size, and woody plants less that	ın 3.28 ft tal	l.
12.				Woody vines – All woody vines	greater tha	n 3.28 ft in
	105	= Total Cov	er	height.		
Woody Vine Stratum (Plot size: <u>30 ft</u>)		-		Hydrophytic Vegetation Prese	nt?Yes 🟒	No
1.						
2.						
3.						
4.						
	0	= Total Cov	er			
		_	-			
Remarks: (Include photo numbers here or on a separate	e sheet.)					
A positive indication of hydrophytic vegetation was obse	erved (>50)% of domin	ant species	indexed as OBL, FACW, or FAC).		

Sampling Point: W-CTL-01; PFO-2

(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	ure Remarks
0 - 6	10YR 3/2	95	5YR 4/6	5	С	М	Silt Lo	bam
6 - 18	10YR 4/2	85	7.5YR 6/8	15	C	<u>M</u>	Silty Clay	/ Loam
		·						
		·				·		
Гуре: С = С	oncentration, D = I	Deplet	ion, RM = Reduce	d Mat	rix, MS =	Masked S	Sand Grains. ² Lo	ocation: PL = Pore Lining, M = Matrix.
ydric Soil	ndicators:							Indicators for Problematic Hydric Soils ³ :
Black Hi Hydroge Stratifie Deplete Sandy M Sandy G Sandy R Sandy R Dark Su	stic (A3) en Sulfide (A4) d Layers (A5) d Below Dark Surfa rrk Surface (A12) lucky Mineral (S1) leyed Matrix (S4) edox (S5) l Matrix (S6) rface (S7) (LRR R, N	ace (A1 ILRA 14	Loamy Muck Loamy Gleye Depleted Ma 1) Redox Dark Depleted Da Redox Depr 49B)	ky Mir ed Ma atrix (l Surfa irk Su essior	(er) (F1) trix (F2) F3) ce (F6) rface (F7) ns (F8)	(LRR K, L)		 Coast Prairie Redox (A16) (LRR K, L, K) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149E Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
ndicators	of hydrophytic veg	etatior	and wetland hyd	rolog	y must be	e present	, unless disturbe	d or problematic.
estrictive	ayer (il observed):		Nono			Lludric 9	oil Procont?	Voc. (No
	Type. Dopth (inchos):		NOTE			nyune 2	Soli Present?	
emarks:								

Project/Site: East Point	City/County: Sharon Springs	s, Schoharie County	Sampling Date: 201	18-Aug-09
Applicant/Owner: NextEra		State: New York	Sampling Point: W-CT	ΓL-01; UPL-1
Investigator(s): Connor Liddell, Kaylee Townsend	Sec	tion, Township, Range:		
Landform (hillslope, terrace, etc.): Hillslope	Local relie	f (concave, convex, none)	Convex	Slope (%): 2-5
Subregion (LRR or MLRA): LRR L	Lat	42.7779907 Long	-74.5585625	Datum: WGS84
Soil Map Unit Name: DeB- Darien Silt Loam, 2-8%	slopes		NWI classificatio	n:
Are climatic/hydrologic conditions on the site typical	for this time of year?	Yes 🟒 No (If r	o, explain in Remarks.)	
Are Vegetation, Soil, or Hydrology	significantly disturbed?	Are "Normal Circum	stances" present?	Yes No 🟒
Are Vegetation, Soil, or Hydrology	naturally problematic?	(If needed, explain a	ny answers in Remarks.	.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒							
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒					
Wetland Hydrology Present?	Yes No _	If yes, optional Wetland Site ID:						
Remarks: (Explain alternative procedures here or in a separate report)								
TRC covertype is UPL. Area is upland, not all t	hree wetland parameter	s are present. Active agriculture field						

Wetland Hydrology Indicators:				
Primary Indicators (minimum of one is	Secondary Indicators (minimum of two required)			
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	 Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) 	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery Sparsely Vegetated Concave Surface	 Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) (B7) Other (Explain in Remarks) (B8) 	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations:				
Surface Water Present? Ye Water Table Present? Ye Saturation Present? Ye	s No ✓ Depth (inches): s No ✓ Depth (inches): s No ✓ Depth (inches):	Wetland Hydrology Present? Yes No		
(includes capillary fringe)		-		
Describe Recorded Data (stream gauge	, monitoring well, aerial photos, previous inspections), if	available:		
Remarks: No positive indication of wetland hydro	logy was observed.			

Sampling Point: W-CTL-01; UPL-1

Tree Stratum (Plot size: 30 ft)	Absolute	Dominant	Indicator	Dominance Test works	neet:		
	% Cover	Species?	Status	Number of Dominant S	pecies That	0	(A)
1				Are OBL, FACW, or FAC:			
2				Iotal Number of Domin	ant Species	2	(B)
3				Across All Strata:	·		
4.				Percent of Dominant S	becies i nat	0	(A/B)
5.				Are OBL, FACVV, OF FAC.			
6.				Trevalence index works	sneet:		D
7.				<u>Iotal % Cover</u>	<u>or:</u>	Multiply	<u>ву:</u>
	0	= Total Cove	er	OBL species	0	x I =	0
Sapling/Shrub Stratum (Plot size: 15 ft)		_		FACW species	0	x 2 =	0
1.				FAC species	0	x 3 =	0
2				FACU species	25	x 4 =	100
2.				UPL species	0	x 5 =	0
				Column Totals	25	(A)	100 (B)
4.		<u> </u>		Prevalence In	idex = B/A =	4	
5.				Hydrophytic Vegetation	Indicators:		
6		<u> </u>		1- Rapid Test for H	lydrophytic V	/egetation	
7				2 - Dominance Tes	st is > 50%	0	
	0	= Total Cove	er	3 - Prevalence Ind	ex is $\leq 3.0^1$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				4 - Morphological	Adaptations	Provide	supporting
1. <i>Glycine max</i>	60	Yes	NI	data in Remarks or on a	a separate sh	(eet)	sabber m.8
2. <i>Solidago canadensis</i>	20	Yes	FACU	Problematic Hvdr	ophytic Vege	tation ¹ (Ex	(plain)
3. <u>Trifolium repens</u>	5	No	FACU	¹ Indicators of hydric so	il and wetlan	d hvdrolo	gv must be
4.				present, unless disturb	ed or problei	matic	
5.				Definitions of Vegetation	n Strata:		
6.				Tree – Woody plants 3 i	n. (7.6 cm) oi	r more in	diameter at
7.				breast height (DBH), re	gardless of h	eight.	
8.				Sapling/shrub - Woody	plants less t	han 3 in. [OBH and
9.				greater than or equal to	o 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous (non-woody)	plants, reg	gardless of
11				size, and woody plants	less than 3.2	8 ft tall.	
12		<u> </u>		Woody vines - All wood	ly vines great	ter than 3	.28 ft in
12		- Total Cove)r	height.			
Woody Vino Stratum (Plot size: 20 ft)	- 65			Hydrophytic Vegetatio	n Present?	/esN	lo _
woody vine stratum (Flot size)							
1							
2.							
3							
4							
	0	= Total Cove	er				
Remarks: (Include photo numbers here or on a sepa	ate sheet.)						
Active agricultural field. No positive indication of hyd	rophytic veg	etation was o	bserved (>	50% of dominant specie	s indexed as	FAC- or d	rier).

Sampling Point: W-CTL-01; UPL-1

(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ² Te	exture	Remarks
0 - 18	2.5Y 4/3	100		·		Silt	Loam	
		'		_				
						. <u> </u>		
·				·				
· .		·				·		
						<u> </u>		
· .								
				·				
		<u> </u>		· —				
						·		
Type: C = C	oncentration, D = l	Depletio	n, RM = Reduced	Mat	rix, MS =	Masked Sand Grain	s. ² Location:	PL = Pore Lining, M = Matrix.
-Iydric Soil I	ndicators:						Indicat	ors for Problematic Hydric Soils ³ :
Histosol	(A1)		Polyvalue Bel	ow S	Surface (S	8) (LRR R, MLRA 149	9 B) 2 cr	m Muck (A10) (LRR K, L, MLRA 149B)
Histic Ep	pipedon (A2)		Thin Dark Sur	rface	e (S9) (LRR	R, MLRA 149B)	Coa	ast Prairie Redox (A16) (LRR K, L, R)
Black His	Stic (A3)		Loamy Mucky	/ Mir d M-	heral (F1) htriv (E2)	(LRR K, L)	5 cr	m Mucky Peat or Peat (S3) (LRR K, L, R)
Stratifier	d Lavers (A5)		Loany Gleyed	triv (F3)		Dar	rk Surface (S7) (LRR K, L)
Depleted	d Below Dark Surfa	ace (A11)	Bedox Dark S	urfa	ce (F6)		Pol	yvalue Below Surface (S8) (LRR K, L)
Thick Da	ark Surface (A12)		Depleted Dar	k Su	rface (F7)		Thi	n Dark Surface (S9) (LRR K, L)
Conclus					(==)		Iroi	n-Manganese Masses (F12) (LRR K, L, R)
Sandy iv	lucky Mineral (S1)		Redox Depres	ssioi	ns (F8)		D'-	due and Flag due laire Calle (F40) (MI DA 440D)
Sandy M Sandy G	lucky Mineral (S1) ileyed Matrix (S4)		Redox Depre	SSIO	าร (F8)		Pie	dmont Floodplain Soils (F19) (MLRA 149B)
Sandy M Sandy G Sandy R	lucky Mineral (S1) ileyed Matrix (S4) edox (S5)		Redox Depre:	SSIO	ns (F8)		Pie Me	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy M Sandy G Sandy R Stripped	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) d Matrix (S6)		Redox Depre:	SSIO	าร (F8)		Pie Me Rec Ver	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TE12)
Sandy M Sandy G Sandy R Stripped Dark Su	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, M	ILRA 149	Redox Depre:	SSIO	ıs (F8)		Pie Me Rec Ver Oth	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) ner (Explain in Remarks)
Sandy M Sandy G Sandy R Stripped Dark Sul	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) d Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg	ILRA 149	Redox Depre: 3B) and wetland hydr	ssion	rs (F8) sy must be	e present, unless di	Pie Me Rec Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) ner (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Stripped Dark Sui Plndicators d Restrictive L	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg .ayer (if observed):	ILRA 149	Redox Depre:)B) and wetland hydr	olog	ns (F8) y must be	e present, unless di	Pie Me Rec Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) ner (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Stripped Dark Suu Indicators d Restrictive L	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, N <u>of hydrophytic veg</u> .ayer (if observed): Type:	ILRA 149	Redox Depre:)B) and wetland hydr None	olog	ns (F8) y must be	e present, unless di Hydric Soil Presen	Pie Me Rec Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) her (Explain in Remarks) blematic.
Sandy M Sandy G Stripped Dark Suu Indicators d Restrictive L	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg ayer (if observed): Type: Depth (inches):	ILRA 149	Redox Depre: 9B) and wetland hydr None	olog	ns (F8) y must be	e present, unless di Hydric Soil Presen	Pie Me Rec Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) her (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Stripped Dark Sun Indicators of Restrictive L Remarks:	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg cayer (if observed): Type: Depth (inches):	ILRA 149	Redox Depre: 3B) and wetland hydr <u>None</u>		ns (F8) y must be	e present, unless di Hydric Soil Presen	Pie Me Rec Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) er (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Dark Sur Indicators d Restrictive L	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, N <u>of hydrophytic veg</u> <u>ayer (if observed): Type: Depth (inches):</u>	ILRA 149	Redox Depre: 3B) and wetland hydr None		y must be	e present, unless di Hydric Soil Presen	Pie Me Rec Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) her (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Dark Sur Indicators d Restrictive L	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) d Matrix (S6) rface (S7) (LRR R, M <u>of hydrophytic veg</u> <u>ayer (if observed): Type: Depth (inches):</u>	ILRA 149	Redox Depre: 3B) and wetland hydr None		y must be	e present, unless di Hydric Soil Presen	Pie Me Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) her (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Dark Sui Indicators d Restrictive L	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) d Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg ayer (if observed): Type: Depth (inches):	ILRA 149	Redox Depre: 3B) and wetland hydr None	olog	y must be	e present, unless di Hydric Soil Presen	Pie Me Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) her (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Dark Sui Indicators d Restrictive L	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) il Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg ayer (if observed): Type: Depth (inches):	ILRA 149	Redox Depre: 9B) <u>None</u>		y must be	e present, unless di Hydric Soil Presen	Pie Me Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) her (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Dark Sui Indicators o Restrictive L	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) d Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg .ayer (if observed): Type: Depth (inches):	ILRA 149	Redox Depre: 9 B) 		y must be	e present, unless di Hydric Soil Presen	Pie Me Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) her (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Dark Sun Indicators o Restrictive L	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg ayer (if observed): Type: Depth (inches):	1LRA 149	Redox Depre: 3 B) 3nd wetland hydr None		y must be	e present, unless di Hydric Soil Presen	Pie Me Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) her (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Dark Sur Indicators d Restrictive L	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, M <u>of hydrophytic veg</u> <u>ayer (if observed): Type: Depth (inches):</u>	1LRA 149	Redox Depre: 9 B) and wetland hydr None		y must be	e present, unless di Hydric Soil Presen	Pie Me Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) her (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Dark Sur Indicators d Restrictive L	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, N <u>of hydrophytic veg</u> .ayer (if observed): Type: Depth (inches):	1LRA 149	Redox Depre: 9 B) and wetland hydr None	olog	y must be	e present, unless di Hydric Soil Presen	Pie Me Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) eer (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Dark Sui Indicators d Restrictive L	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) d Matrix (S6) rface (S7) (LRR R, M <u>of hydrophytic veg</u> .ayer (if observed): Type: Depth (inches):	1LRA 149	Redox Depre: 98) and wetland hydr 		y must be	e present, unless di Hydric Soil Presen	Pie Me Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) her (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Dark Sul Indicators d Restrictive L Remarks:	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) il Matrix (S6) rface (S7) (LRR R, M <u>of hydrophytic veg</u> .ayer (if observed): Type: Depth (inches):	etation a	Redox Depre: 2B) and wetland hydr None 		y must be	e present, unless di Hydric Soil Presen	Pie Me Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) her (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Strippec Dark Sur Indicators of Restrictive L Remarks:	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) il Matrix (S6) rface (S7) (LRR R, M <u>of hydrophytic veg</u> .ayer (if observed): Type: Depth (inches): indication of hydri	tlRA 149	Redox Depre: PB) and wetland hydr None ras observed.		y must be	e present, unless di Hydric Soil Presen	Pie Me Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) her (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Strippec Dark Sur Indicators of Restrictive L Remarks:	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) il Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg .ayer (if observed): Type: Depth (inches): indication of hydri	tlRA 149	Redox Depre: 9B) and wetland hydr None 		y must be	e present, unless di Hydric Soil Presen	Pie Me Rec Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) her (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Stripped Dark Sur Indicators of Restrictive L Remarks:	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, M <u>of hydrophytic veg</u> ayer (if observed): Type: Depth (inches):	tl RA 14	Redox Depre: PB) and wetland hydr None vas observed.		y must be	e present, unless di Hydric Soil Presen	Pie Me Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) her (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Strippec Dark Sur Indicators of Restrictive L	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, M <u>of hydrophytic veg</u> .ayer (if observed): Type: Depth (inches):	ILRA 149	Redox Depre: 2B) and wetland hydr None vas observed.		y must be	e present, unless di Hydric Soil Presen	Pie Me Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) her (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Strippec Dark Sur Indicators of Restrictive L	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) d Matrix (S6) rface (S7) (LRR R, M <u>of hydrophytic veg</u> .ayer (if observed): Type: Depth (inches):	tl RA 14 etation a	Redox Depre: 2B) and wetland hydr None vas observed.		y must be	e present, unless di Hydric Soil Presen	Pie Me Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) her (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Strippec Dark Sui Indicators of Restrictive L	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) d Matrix (S6) rface (S7) (LRR R, M <u>of hydrophytic veg</u> .ayer (if observed): Type: Depth (inches):	tlRA 14	Redox Depre: 9B) and wetland hydr None as observed.		y must be	e present, unless di Hydric Soil Presen	Pie Me Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) her (Explain in Remarks) blematic.
Sandy M Sandy G Sandy R Strippec Dark Sur Indicators of Restrictive L Remarks:	lucky Mineral (S1) ileyed Matrix (S4) edox (S5) il Matrix (S6) rface (S7) (LRR R, M <u>of hydrophytic veg</u> .ayer (if observed): Type: Depth (inches):	tlRA 14	Redox Depre: 2B) and wetland hydr None vas observed.		y must be	e present, unless di Hydric Soil Presen	Pie Me Rec Ver Oth sturbed or prol	dmont Floodplain Soils (F19) (MLRA 149B) sic Spodic (TA6) (MLRA 144A, 145, 149B) d Parent Material (F21) y Shallow Dark Surface (TF12) her (Explain in Remarks) blematic.

Project/Site: East Point	City/County:Sharon, Schoha	arie County	Sampling Date: 20	18-Aug-09
Applicant/Owner: NextEra		State: New York	Sampling Point: W-C	TL-01; UPL-2
Investigator(s): Connor Liddell, Kaylee Townsend	l Sec	tion, Township, Range:		
Landform (hillslope, terrace, etc.): Hillslope	Local relie	f (concave, convex, none):	Undulatiing	Slope (%): 2-5
Subregion (LRR or MLRA): LRR L	Lat	42.7778188 Long:	-74.5601396	Datum: WGS84
Soil Map Unit Name: NdC- Nunda Channery Silt	Loam, 10-20% Slopes		NWI classificatio	n:
Are climatic/hydrologic conditions on the site typic	al for this time of year?	Yes 🟒 No (If n	o, explain in Remarks.)	
Are Vegetation, Soil, or Hydrology	significantly disturbed?	Are "Normal Circums	tances" present?	Yes 🟒 No
Are Vegetation, Soil, or Hydrology	naturally problematic?	(If needed, explain ar	ny answers in Remarks	.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒							
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒					
Wetland Hydrology Present?	Yes No	lf yes, optional Wetland Site ID:						
Remarks: (Explain alternative procedures here or in a separate report)								
TRC covertype is UPL. Area is upland, not all t	hree wetland parameter	s are present.						

Wetland Hydrology Indicators:				
Primary Indicators (minimum of on	e is required; check all that apply)	Secondary Indicators (minimum of two required)		
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Sur	 Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) gery (B7) Other (Explain in Remarks) face (B8) 	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations:				
Surface Water Present?	Yes No 🟒 Depth (inches):			
Water Table Present?	Yes No Depth (inches):	Wetland Hydrology Present? Yes No		
Saturation Present?	Yes No _			
(includes capillary fringe)				
Describe Recorded Data (stream ga	uge, monitoring well, aerial photos, previous inspections), if	available:		
Remarks:				
No positive indication of wetland hy	/drology was observed.			

Sampling Point: W-CTL-01; UPL-2

	Absolute	Dominant	Indicator	Dominance Test works	heet:		
Tree Stratum (Plot size: <u>30 ft</u>)	% Cover	Species?	Status	Number of Dominant	Species That	4	(4)
1. Acer saccharum	30	Yes	FACU	Are OBL, FACW, or FAC		I	(A)
2. <i>Ulmus americana</i>	20	Yes	FACW	Total Number of Domi	nant Species	6	(B)
3. Fraxinus pennsylvanica	5	No	FACW	Across All Strata:			(5)
4.				Percent of Dominant S	pecies That	16.7	(A/B)
5.				Are OBL, FACW, or FAC			
6.				Prevalence Index work	sheet:		_
7.				Total % Cover	<u>of:</u>	Multiply	<u>By:</u>
	55	= Total Cov	er	OBL species	0	x 1 =	0
Sapling/Shrub Stratum (Plot size: 15 ft)		_		FACW species	25	x 2 =	50
1. Acer saccharum	15	Yes	FACU	FAC species	0	x 3 =	0
2.				FACU species	80	x 4 =	320
3				UPL species	15	x 5 =	75
4				Column Totals	120	(A)	445 (B)
		<u> </u>		Prevalence I	ndex = B/A =	3.7	
s		<u> </u>		Hydrophytic Vegetatio	n Indicators:		
0				1- Rapid Test for	Hydrophytic V	/egetation	1
/	15	- Total Car		2 - Dominance Te	est is > 50%		
Line Stratum (Distring 5.6)	15		er	3 - Prevalence Inc	dex is $\leq 3.0^1$		
<u>Herb Stratum</u> (Plot size: <u>5 π</u>)	25	Vee	FACU	4 - Morphologica	l Adaptations ¹	(Provide	supporting
		Yes	FACU	data in Remarks or on	a separate sh	ieet)	
2. Fragaria Vesca	15	Yes		Problematic Hyd	rophytic Vege	tation ¹ (E>	(plain)
3. <u>Rubus alumnus</u>	10	Yes	FACU	¹ Indicators of hydric so	oil and wetlan	d hydrolo	gy must be
4				present, unless distur	ped or probler	matic	
5				Definitions of Vegetati	on Strata:		
6				Tree – Woody plants 3	in. (7.6 cm) or	r more in	diameter at
7				breast height (DBH), re	egardless of h	eight.	
8				Sapling/shrub – Wood	y plants less tl	han 3 in. [OBH and
9				greater than or equal	to 3.28 ft (1 m) tall.	
10				Herb – All herbaceous	(non-woody)	plants, reg	gardless of
11				size, and woody plants	siess than 3.2	8 IL LAII.	20 ft in
12				height	dy vines great	ter than 3	.28 IUM
	50	= Total Cov	er				
Woody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic Vegetatio	on Present?	/es N	No _
1							
2							
3.							
4.							
	0	= Total Cov	rer				
Remarks: (Include photo numbers here or on a congrate	choot)	-					
Remarks. (include prioto numbers here of on a separate	e sheet.)						
No positive indication of hydrophytic vegetation was ob	served (≥	50% of don	ninant specie	es indexed as FAC- or dr	ier).		

Sampling Point: W-CTL-01; UPL-2

Depth	Matrix	o the de	Redox	Feat	ures				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Te	xture	Remarks
0 - 18	10YR 4/4	100					Gravelly	/ Silt Loam	
						<u> </u>			
¹ Type: C = C	Concentration, D = [Depletio	n, RM = Reduced	Matr	ix, MS = I	Masked Sa	nd Grains. ² L	ocation: PL = Pore Lir	ning, M = Matrix.
Hydric Soil	Indicators:							Indicators for Prob	lematic Hydric Soils³:
Histosol	(A1)		Polyvalue Bel	low S	urface (S	8) (LRR R,	MLRA 149B)	2 cm Muck (A1(
Histic Ep	oipedon (A2)		Thin Dark Su	rface	(S9) (LRR	R, MLRA	49B)	Coast Prairie Re	A = A = A = A = A = A = A = A = A = A =
Black Hi	stic (A3)		Loamy Muck	y Min	eral (F1) ((LRR K, L)		5 cm Mucky Pe	at or Peat (S3) (I RR K R)
Hydroge	en Sulfide (A4)		Loamy Gleye	d Mat	trix (F2)			Dark Surface (S	7) (I RR K 1)
Stratifie	d Layers (A5)		Depleted Ma	trix (F	3)			Polyvalue Belov	v Surface (S8) (I RR K. I.)
Deplete	d Below Dark Surfa	ce (A11)	Redox Dark S	Surfac	e (F6)			Thin Dark Surfa	(S9) (I BR K I)
Thick Da	ark Surface (A12)		Depleted Dar	'k Sur	face (F7)			Iron-Manganes	e Masses (F12) (LRR K. L. R)
Sandy N	1ucky Mineral (S1)		Redox Depre	ssion	s (F8)			Piedmont Floor	aplain Soils (E19) (MI RA 149B)
Sandy G	ileyed Matrix (S4)							Mesic Spodic (T	(MI RA 144A 145 149B)
Sandy R	edox (S5)							Red Parent Mat	erial (E21)
Stripped	d Matrix (S6)							Very Shallow D	ark Surface (TE12)
Dark Su	rface (S7) (LRR R, M	LRA 149)B)					Other (Explain i	n Remarks)
a. I.									
³ Indicators	of hydrophytic vege	etation a	and wetland hydr	ology	must be	present,	unless disturbe	d or problematic.	
Restrictive	-ayer (II observed):						1.0. (2)		× • •
	Type:		None	•		Hydric S	oil Present?		Yes No
	Depth (inches):								
Remarks:									
No positive	indication of hydri	soils w	as observed.						
No positive	indication of hydri	soils w	as observed.						
No positive	indication of hydri	soils w	as observed.						
No positive	indication of hydri	: soils w	as observed.						
No positive	indication of hydri	soils w	as observed.						
No positive	indication of hydri	soils w	as observed.						
No positive	indication of hydri	: soils w	as observed.						
No positive	indication of hydri	: soils w	as observed.						
No positive	indication of hydri	: soils w	as observed.						

Project/Site: East Point	City/County: Sharon, Schoharie County	Sampling Date: 2018-Aug-09
Applicant/Owner: NextEra	State: New York	Sampling Point: W-CTL-02; PFO-1
Investigator(s): Connor Liddell, Kaylee Townser	d Section, Township, Range:	
Landform (hillslope, terrace, etc.): Depressio	Local relief (concave, convex, none)	: Concave Slope (%): 2-5
Subregion (LRR or MLRA): LRR L	Lat: 42.7764788 Long	: -74.5531266 Datum: WGS84
Soil Map Unit Name: Al- Alluvial land		NWI classification:
Are climatic/hydrologic conditions on the site type	cal for this time of year? Yes _∠_ No (If r	io, explain in Remarks.)
Are Vegetation, Soil, or Hydrology	significantly disturbed? Are "Normal Circum	stances" present? Yes 🟒 No
Are Vegetation, Soil, or Hydrology	naturally problematic? (If needed, explain a	ny answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No							
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No					
Wetland Hydrology Present?	Yes 🟒 No	lf yes, optional Wetland Site ID:	W-CTL-02					
Remarks: (Explain alternative procedures here or in a separate report)								
TRC covertype is PFO. Area is wetland, all thr	ree wetland parameters a	re present.						

Wetland Hydrology Indicators:							
Primary Indicators (minimum of or	ne is required; che	Secondary Indicators (minimum of two required)					
 Surface Water (A1) High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 		 Water-Stained Leaves (B9) _ Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) _ Oxidized Rhizospheres on Living Roots (C3) 			 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Ima 	gery (C9)	
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) 				s (C6)	 Stundation Visible on Achia Integery (C) Stundation Of Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) 		
Field Observations:							
Surface Water Present?	Yes No	_ Dept	th (inches):		-	Vec (Ne	
water Table Present?	Yes NO _	_ Depi	in (inches):		- Wetland Hydrology Present?	res No	
Saturation Present?	Yes 🟒 No 🔄	_ Dept	th (inches):	4	-		
(includes capillary fringe)							
Describe Recorded Data (stream g	auge, monitoring	well, aerial phot	tos, previous inspe	ctions), if	available:		
Remarks:							
A positive indication of wetland hyd	drology was obse	rved (primary a	nd secondary indica	ators wer	e present).		

Sampling Point: W-CTL-02; PFO-1

	Abaaluta	Deminant	Indication	Dominanco Tost works	hoot:		
Tree Stratum (Plot size: <u>30 ft</u>)	% Cover	Species?	Status	Number of Dominant Species That			
1 Fravinus popper/lyapisa	40	Voc	EACW	Are OBL, FACW, or FAC	:	6	(A)
Praxinus perinsyvanica Populus tramulaidas	10	No		Total Number of Domi	hant Species		
2. Hopidas di endoldes	10	No	FACO	Across All Strata:		6	(B)
	10	INU	FACW	Percent of Dominant S	pecies That	100	(A (D)
4				Are OBL, FACW, or FAC	:	100	(A/B)
5				Prevalence Index work	sheet:		
o				<u>Total % Cover</u>	of:	Multiply	<u>By:</u>
7	60	- Total Cov		OBL species	0	x 1 =	0
Contine (Church Streeture (Distring) 15 ft)	60	- 10tal COV	er	FACW species	170	x 2 =	340
<u>Sapiing/Shrub Stratum</u> (Plot size: <u>15 it</u>)	1 -	Vee	EA CIA/	FAC species	5	x 3 =	15
1. Fraxinus pennsylvanica		Yes	FACW	FACU species	20	x 4 =	80
2. Amelanchier intermedia	5	Yes	FACW	UPL species	0	x 5 =	0
3		·		Column Totals	195	(A)	435 (B)
4.				Prevalence Ir	ndex = B/A =	2.2	
5		·		Hydrophytic Vegetation	n Indicators:		
6		·		1- Rapid Test for H	-lydrophytic V	/egetation	
7				2 - Dominance Test is >50%		U	
	20	= Total Cover		\checkmark 3 - Prevalence Index is $\leq 3.0^{1}$			
Herb Stratum (Plot size: <u>5 ft</u>)				✓ 4 - Morphological	Adaptations	¹ (Provide :	supporting
1. <i>Impatiens capensis</i>	70	Yes	FACW	data in Remarks or on	a separate sh	neet)	11 0
2. <u>Onoclea sensibilis</u>	30	Yes	FACW	Problematic Hydr	ophytic Vege	tation ¹ (Ex	plain)
3. <u>Rubus idaeus</u>	10	No	FACU	¹ Indicators of hydric so	il and wetlan	d hydrolog	gy must be
4				present, unless disturb	ed or probler	matic	
5				Definitions of Vegetation	on Strata:		
6				Tree – Woody plants 3	in. (7.6 cm) or	r more in d	liameter at
7				breast height (DBH), re	gardless of h	eight.	
8				Sapling/shrub - Woody	v plants less tl	han 3 in. D	BH and
9				greater than or equal t	o 3.28 ft (1 m) tall.	
10				Herb – All herbaceous	(non-woody)	plants, reg	ardless of
11				size, and woody plants	less than 3.2	8 ft tall.	
12				Woody vines – All wood	dy vines great	ter than 3.	28 ft in
	110	= Total Cov	er	neight.			
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)				Hydrophytic Vegetatio	n Present?	res 🟒 N	0
1. <i>Vitis riparia</i>	5	Yes	FAC				
2.							
3.							
4.							
	5	= Total Cov	er				
Demarker (Include photo numbers here or on a congrat	- choot)	•					
Remarks. (include photo numbers here of on a separate	e sheet.)						
A positive indication of hydrophytic vegetation was obs	erved (>50	% of domin	ant species	indexed as OBL, FACW, c	or FAC).		

nulles)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0 - 10	10YR 3/2	85	5YR 5/6	15	С	PL	Silt Loam	
0 - 23	10YR 4/2	90	7.5YR 5/8	10	С	M	Silt Loam	
				·				
		·		·				
				· <u> </u>				
		·		·				
oe: C = C ric Soil I	oncentration, D = ndicators:	Depleti	ion, RM = Reduce	d Mat	rix, MS =	Masked	Sand Grains. ² L	ocation: PL = Pore Lining, M = Matrix. Indicators for Problematic Hydric Soils ³ :
Black Hi Hydroge Stratifiee Depletee Thick Da Sandy N	stic (A3) en Sulfide (A4) d Layers (A5) d Below Dark Surfa irk Surface (A12) lucky Mineral (S1)	ace (A1	Loamy Mucł Loamy Gleyu _∕ Depleted Ma 1)_∕ Redox Dark Depleted Da Redox Depr	ৎy Mir ed Ma atrix (l Surfa ark Su essior	neral (F1) trix (F2) F3) ce (F6) rface (F7) ns (F8)	(LRR K, L)	.)	 S cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy G Sandy R Strippec Dark Su	leyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, M	ILRA 14	49B)					 Pleamont Floodplain Solis (F19) (MLRA 149B, Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
Sandy R Sandy R Stripped Dark Su dicators d	leyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg .ayer (if observed):	1LRA 14 etation	49B) 1 and wetland hyc	Irolog	y must b	e presen	t, unless disturbe	 Pleamont Floodplain Solis (F19) (MLRA 1498, Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic.
_ Sandy G _ Sandy R _ Strippec _ Dark Su dicators o strictive L	leyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg .ayer (if observed): Type: Depth (inches):	ILRA 14 etation	49B) I and wetland hyc None	Irolog	y must b	e presen Hydric	t, unless disturbe Soil Present?	Pleamont Floodplain Solis (F19) (MLRA 1498, Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes No
Project/Site: East Point	City/County: Sharon, Schoharie County	Sampling Date: 2018-Aug-09						
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Applicant/Owner: NextEra	State: NY	Sampling Point: W-CTL-02; PFO-2						
Investigator(s): Connor Liddell, Kaylee Townsence	Section, Township, Range:							
Landform (hillslope, terrace, etc.): Hillslope	Local relief (concave, convex, none):	Sloping Slope (%): 10-15						
Subregion (LRR or MLRA): LRR L	Lat: 42.7768376 Long:	-74.5511739 Datum: WGS84						
Soil Map Unit Name: DdD- Darien Silt Loam, und	ulating, 15-20% slopes	NWI classification:						
Are climatic/hydrologic conditions on the site typic	l for this time of year? Yes _∠_ No (If no	, explain in Remarks.)						
Are Vegetation, Soil, or Hydrology	significantly disturbed? Are "Normal Circums"	ances" present? Yes 🖌 No						
Are Vegetation, Soil, or Hydrology	naturally problematic? (If needed, explain an	y answers in Remarks.)						

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No _
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-CTL-02
Remarks: (Explain alternative procedures he	re or in a separate report)	
TRC covertype is PFO. Area is wetland, all thr	ree wetland parameters a	re present.	

Wetland Hydrology Indicators:						
Primary Indicators (minimum of on	<u>ne is required; che</u>	Secondary Indicators (minimum of two required)				
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)		Water-Stained Le Aquatic Fauna (E Marl Deposits (B Hydrogen Sulfide Oxidized Rhizosp	eaves (B9) 813) 15) e Odor (C1) pheres on Living R	Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Ima 	agery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks)		Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) EAC-Neutral Test (D5)			
Field Observations:						
Surface Water Present?	Yes No 🟒	Dept	h (inches):		_	
Water Table Present?	Yes No 🟒	_ Dept	h (inches):		Wetland Hydrology Present?	Yes 🟒 No
Saturation Present?	Yes 🖌 No	_ Dept	h (inches):	0	_	
(includes capillary fringe)						
Describe Recorded Data (stream ga	auge, monitoring	well, aerial phot	os, previous inspe	ections), if	available:	
Remarks:						
A positive indication of wetland hyd	drology was obser	rved (primary an	d secondary indic	cators wer	e present).	

Sampling Point: W-CTL-02; PFO-2

	Al +-	Densinent	In disease of	Dominance Test works	haati		
Tree Stratum (Plot size: <u>30 ft</u>)	ADSOIUTE	Dominant	Status	Number of Dominant	Species That		
1 Fravinus pappa (kapisa	25	Vec		Are OBL, FACW, or FAC	:	6	(A)
1. Fraxinus perinsyvanica	20	Vec		Total Number of Domi	nant Species		
2. Unitus americana	15	<u>res</u>		Across All Strata:		7	(B)
3. Acer saccharum		NO	FACU	Percent of Dominant S	pecies That	05.7	(4 (D)
4. <u>Maius sp.</u>	5	NO	NI	Are OBL, FACW, or FAC	:	85.7	(A/B)
5		<u> </u>		Prevalence Index work	sheet:		
6		<u> </u>		Total % Cover	of:	Multiply	<u>By:</u>
/				OBL species	35	x 1 =	35
	85	= lotal Cov	er	FACW species	100	x 2 =	200
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	65	x 3 =	195
1. <u>Ulmus americana</u>	10	Yes	FACW	FACU species	30	x 4 =	120
2. <u>Fraxinus pennsylvanica</u>	10	Yes	FACW	UPL species	0	x 5 =	0
3. <i>Carya ovata</i>	5	Yes	FACU	Column Totals	230	(A)	550 (B)
4				Prevalence Ir	ndex = B/A =	2.4	<u> </u>
5				Hydrophytic Vegetation	Indicators		
6				1- Rapid Test for H	-lydrophytic \	legetation	
7					st is $>50\%$	regetation	
	25	= Total Cov	er	✓ 2 - Dominance re	d_{ov} is < 3.01		
Herb Stratum (Plot size: <u>5 ft</u>)				✓ J - Morphological	Adaptations	1 (Provide	supporting
1. <i>Euthamia graminifolia</i>	45	Yes	FAC	data in Remarks or on	a separate sh	(Frovide . neet)	supporting
2. <i>Carex crinita</i>	35	Yes	OBL	Problematic Hydr	ophytic Vege	tation ¹ (Ex	plain)
3. Dryopteris intermedia	20	No	FAC	¹ Indicators of hydric so	il and wetlan	d hydrolog	y must be
4. <i>Onoclea sensibilis</i>	15	No	FACW	present, unless disturb	ed or proble	matic	5)
5. Fragaria virginiana	10	No	FACU	Definitions of Vegetation	on Strata:		
6.				Tree – Woody plants 3	in. (7.6 cm) oı	r more in o	liameter at
7.				breast height (DBH), re	gardless of h	eight.	
8.				Sapling/shrub - Woody	/ plants less t	han 3 in. D	BH and
9.				greater than or equal t	o 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous	(non-woody)	plants, reg	ardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12.		·		Woody vines – All wood	dy vines great	ter than 3.	28 ft in
	125	= Total Cov	er	height.			
Woody Vine Stratum (Plot size: 30 ft)		-		Hydrophytic Vegetatio	n Present?	res 🟒 N	0
1							
2							
2		<u> </u>					
3							
4		- Total Cau					
	0	- 10tal COV	er				
Remarks: (Include photo numbers here or on a separat	e sheet.)						
A positive indication of hydrophytic vegetation was obs	erved (>50)% of domin	ant species	indexed as OBL, FACW, c	or FAC).		

Sampling Point: W-CTL-02; PFO-2

(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Tex	xture	Remarks
0 - 5	2.5Y 3/2	95	7.5YR 4/6	5	С	М	Silty Cl	lay Loam	
5 - 18	5Y 5/2	85	10YR 5/8	15	С	М	Clay	/ Loam	
		· ·		·					
·		· ·		·					
		· ·		·					
		· ·		·					
·		· ·		·					
ype: C = C vdric Soil I	oncentration, D = I	Depleti	on, RM = Reduce	d Matr	rix, MS =	Masked S	Sand Grains.	² Location: PL = Por Indicators for P	e Lining, M = Matrix. Problematic Hydric Soils ³ :
Histosol	(A1)		Polyvalue Be	elow S	urface (S	8) (LRR R	, MLRA 149B)	2 cm Muck	
Histic Ep	pipedon (A2)		Thin Dark Su	urface	(S9) (LRR	R, MLRA	149B)	2 cm Muck Coast Prairi	(ATO) (LRR K, L, MLRA 149B) ie Redox (A16) (LRR K, L, R)
Hvdroge	en Sulfide (A4)		Loamy Glev	ed Ma	trix (F2)			5 cm Mucky	Peat or Peat (S3) (LRR K, L, R)
Stratified	d Layers (A5)		Depleted M	atrix (F	=3)			Dark Surfac	ce (S7) (LRR K, L)
✓ Depleted	d Below Dark Surfa	ice (A1	1) Redox Dark	Surfa	ce (F6)			Polyvalue B	Selow Surface (S8) (LRR K, L)
Thick Da	rk Surface (A12)		Depleted Da	ark Sur	rface (F7)	1		Iron-Manga	anese Masses (E12) (I RR K R)
Sandy M	lucky Mineral (S1)		Deday Dama	occior	oc (EQ)				(12) (LIN N, L, N)
			Redox Depr	633101	15 (FO)			Piedmont F	loodplain Soils (E19) (MI RA 149R)
Sandy G	leyed Matrix (S4)		Redox Depr	622101	15 (FO)			Piedmont F Mesic Spod	loodplain Soils (F19) (MLRA 149B) ic (TA6) (MLRA 144A, 145, 149B)
Sandy G Sandy Re	edox (S5)		Redox Depr	633101	15 (FO)			Piedmont F Mesic Spod Red Parent	loodplain Soils (F19) (MLRA 149B) ic (TA6) (MLRA 144A, 145, 149B) Material (F21)
Sandy G Sandy R Sandy Re Stripped	leyed Matrix (S4) edox (S5) Matrix (S6)		Redox Depr	633101	15 (10)			Piedmont F Mesic Spod Red Parent Very Shallov	loodplain Soils (F19) (MLRA 149B) ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12)
Sandy G Sandy R Stripped Dark Sur	leyed Matrix (S4) edox (S5) Matrix (S6) rface (S7) (LRR R, M	ILRA 14	Redox Depr 19B)	633101	15 (10)			Piedmont F Mesic Spod Red Parent Very Shallov Other (Expl	iloodplain Soils (F19) (MLRA 149B) ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
Sandy G Sandy R Stripped Dark Sur Indicators c	leyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, M	ILRA 14	Kedox Depr 19B) and wetland hyd	Irology	y must be	e present	, unless disturt	Piedmont F Mesic Spod Red Parent Very Shalloo Other (Expl. ped or problematic	iloodplain Soils (F19) (MLRA 149B) ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
Sandy G Sandy G Sandy R Dark Sur Indicators c	leyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg .ayer (if observed):	ILRA 14	Keddox Depr 19B) and wetland hyd	Irology	y must be	e present	, unless disturt	Piedmont F Mesic Spod Red Parent Very Shallov Other (Expl. ped or problematic	loodplain Soils (F19) (MLRA 149B) ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
Sandy G Sandy R Stripped Dark Sui Indicators c	leyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, M <u>of hydrophytic veg</u> .ayer (if observed): Type:	ILRA 14	Keddox Depr i9B) and wetland hyd None	Irology	y must be	e present	, unless disturt Soil Present?	Piedmont F Mesic Spod Red Parent Very Shalloo Other (Expl ped or problematic	iloodplain Soils (F19) (MLRA 149B) ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
Sandy G Sandy R Stripped Dark Suu Indicators c estrictive L 	leyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg ayer (if observed): Type: Depth (inches):	ILRA 14 etation	Kedox Depr i9B) <u>and wetland hyd</u> <u>None</u>	Irology	y must be	e present Hydric S	, unless disturt Soil Present?	Piedmont F Mesic Spod Red Parent Very Shallo Other (Expl. ped or problematic	iloodplain Soils (F19) (MLRA 149B) lic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
Sandy G Sandy R Strippec Dark Sur Indicators c Restrictive L	leyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg a yer (if observed): Type: Depth (inches):	ILRA 14	Kedox Depr 49B) <u>and wetland hyc</u> <u>None</u>	<u>Irolog</u>	y must bi	e present Hydric S	, unless disturt Soil Present?	Piedmont F Mesic Spod Red Parent Very Shallor Other (Expl. ped or problematic	iloodplain Soils (F19) (MLRA 149B) iic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks) YesNo
Sandy G Sandy R Strippec Dark Sur ndicators c estrictive L emarks:	leyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg .ayer (if observed): Type: Depth (inches):	ILRA 14	Kedox Depr 19B) <u>and wetland hyc</u> <u>None</u>	<u>Irolog</u>	y must be	e present Hydric S	, unless disturt	Piedmont F Mesic Spod Red Parent Very Shallor Other (Expl bed or problematic	iloodplain Soils (F19) (MLRA 149B) ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks) Yes/_ No
Sandy G Sandy R Strippec Dark Sui Indicators c estrictive L	leyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg ayer (if observed): Type: Depth (inches):	ILRA 14	Kedox Depr 49B) and wetland hyc None 	<u>Irolog</u>	y must be	e present Hydric S	, unless disturt	Piedmont F Mesic Spod Red Parent Very Shallo Other (Expl. bed or problematic	iloodplain Soils (F19) (MLRA 149B) iic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks) Yes/_ No
Sandy G Sandy R Strippec Dark Sui Indicators d Restrictive L	leyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg ayer (if observed): Type: Depth (inches):	ILRA 14	Kedox Depr 19B) 1 and wetland hyc None s observed.	<u>Irolog</u>	y must bi	e present	, unless disturt	Piedmont F Mesic Spod Red Parent Very Shalloo Other (Expl bed or problematic	iloodplain Soils (F19) (MLRA 149B) iic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks) Yes/_ No
Sandy G Sandy R Strippec Dark Suu Indicators o Restrictive L	leyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg a yer (if observed): Type: Depth (inches):	ILRA 14	s observed.	<u>Irolog</u>	y must be	e present Hydric S	, unless disturb Soil Present?	Piedmont F Mesic Spod Red Parent Very Shallor Other (Expl. ped or problematic	iloodplain Soils (F19) (MLRA 149B) iic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks) Yes No
Sandy G Sandy R Srippec Dark Suu Indicators o Restrictive L Remarks:	leyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg .ayer (if observed): Type: Depth (inches):	ILRA 14	s observed.	<u>Irolog</u>	y must bi	e present Hydric S	, unless disturb Soil Present?	Piedmont F Mesic Spod Red Parent Very Shallor Other (Expl. ped or problematic	iloodplain Soils (F19) (MLRA 149B) iic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks) YesNo

Project/Site: East Point	City/County:Sharon, Schohari	ie County	Sampling Date: 20	18-Aug-09				
Applicant/Owner: NextEra		State: New York	Sampling Point: W-C	ΓL-02; UPL-1				
Investigator(s): Connor Liddell, Kaylee Townse	d Section	on, Township, Range:						
Landform (hillslope, terrace, etc.): Hillslope	Local relief (concave, convex, none):	Undulatiing	Slope (%): 2-5				
Subregion (LRR or MLRA): LRR L	Lat:	42.7763622 Long:	-74.5531918	Datum: WGS84				
Soil Map Unit Name: DeB- Darien Silt Loam, 2-	3% slopes		NWI classificatio	n:				
Are climatic/hydrologic conditions on the site typical for this time of year? Yes 🖌 No (If no, explain in Remarks.)								
Are Vegetation, Soil, or Hydrolog	significantly disturbed?	Are "Normal Circums	tances" present?	Yes 🟒 No				
Are Vegetation, Soil, or Hydrolog	naturally problematic?	(If needed, explain an	ny answers in Remarks	.)				

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No	lf yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures her	e or in a separate report)	
TRC covertype is UPL. Area is upland, not all t	hree wetland parameter	s are present.	

Wetland Hydrology Indicators:			
Primary Indicators (minimum of on	Secondary Indicators (minimum of two required)		
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 	
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Sur	 Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) gery (B7) Other (Explain in Remarks) face (B8) 	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 	
Field Observations:			
Surface Water Present?	Yes No 🟒 Depth (inches):		
Water Table Present?	Yes No Depth (inches):	Wetland Hydrology Present? Yes No	
Saturation Present?	Yes No _		
(includes capillary fringe)			
Describe Recorded Data (stream ga	uge, monitoring well, aerial photos, previous inspections), if	available:	
Remarks:			
No positive indication of wetland hy	/drology was observed.		

Sampling Point: W-CTL-02; UPL-1

	Absolute	Dominant	Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size: <u>30 ft</u>)	% Cover	Species?	Status	Number of Dominant Species That		
1 Acer saccharum	35	Ves	FACIL	Are OBL, FACW, or FAC:	1	(A)
2 Carva ovata	10	 	FACU	Total Number of Dominant Specie	5	(D)
3 Illmus americana	10	No	FACW	Across All Strata:	4	(B)
	10	110	FACI	Percent of Dominant Species That	75	
+		·		Are OBL, FACW, or FAC:		(A/ D)
s				Prevalence Index worksheet:		
o		·		Total % Cover of:	Multiply	<u>By:</u>
7		Tatal Car		OBL species 0	x 1 =	0
	55	= 10tal Cov	er	FACW species 15	x 2 =	30
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species 0	x 3 =	0
1. <u>Carya ovata</u>	10	Yes	FACU	FACU species 65	x 4 =	260
2		·		UPL species 0	x 5 =	0
3				Column Totals 80	(A)	290 (B)
4				Prevalence Index = B/A =	 - 3.6	
5				Hydrophytic Vegetation Indicators		
6				1 Dapid Test for Hydrophytic	Vogotation	
7				2 Dominance Test is > 50%	vegetation	
	10	= Total Cov	er	2 - Dominance rescus > 50%		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				$3 - \text{Prevalence index is } \leq 3.0^{\circ}$	c1 (Drovido	cupporting
1. <i>Carya ovata</i>	10	Yes	FACU	data in Remarks or on a separate	s' (Provide :	supporting
2. Fraxinus pennsylvanica	5	Yes	FACW	Problematic Hydrophytic Vec	etation ¹ (Ev	nlain)
3.				Indicators of bydric soil and wetla		ny must be
4.		· ·		present unless disturbed or probl	ematic	gy must be
5.				Definitions of Vegetation Strata:	ematic	
6		·		Tree Woody plants 3 in (7.6 cm)	or more in (diamotor at
7		·		breast height (DBH) regardless of	height	alameter at
8				Sanling/shrub - Woody plants less	than 3 in F)BH and
o		·		greater than or equal to 3.28 ft (1	n) tall.	birana
10		······································		Herb – All herbaceous (non-wood)) plants, reg	ardless of
10				size, and woody plants less than 3	28 ft tall.	J
12		·		Woody vines – All woody vines gre	ater than 3.	28 ft in
12				height.		
	15	= lotal Cov	er	Hydrophytic Vegetation Present?	Yes N	lo ./
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)					105 1	<u> </u>
1		·				
2		·				
3						
4		·				
	0	= Total Cov	er			
Remarks: (Include photo numbers here or on a sepa	arate sheet.) s observed (≥	50% of dom	inant specie	es indexed as FAC– or drier).		

inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0 - 8	2.5Y 4/3	100		_			Silt Loam	
8 - 20	2.5Y 4/4	100		_			Silt Loam	
·		·		_				
				_				
·		·		_				
·		·		_				
ype: C = C	oncentration, D =	Depletio	n, RM = Reduced	Mat	rix, MS =	Masked Sa	nd Grains. ² Lo	ocation: PL = Pore Lining, M = Matrix.
dric Soil I	ndicators:							Indicators for Problematic Hydric Soils ³ :
Histic Ep Black His Hydroge Stratified Depleted Thick Da Sandy M Sandy G Sandy R Sandy R Stripped Dark Sun	ipedon (A2) stic (A3) in Sulfide (A4) d Layers (A5) d Below Dark Surfa rk Surface (A12) lucky Mineral (S1) leyed Matrix (S4) edox (S5) l Matrix (S6) rface (S7) (LRR R, M	ace (A11 ILRA 149	Thin Dark Sur Loamy Mucky Depleted Mat) Redox Dark S Depleted Dar Redox Depre: PB)	face Mir d Ma rix (l urfa k Su ssior	(S9) (LRR heral (F1) trix (F2) F3) ce (F6) rface (F7) hs (F8)	(LRR K, L)	498)	 Coast Prairie Redox (A16) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
ndicators o	of hydrophytic veg	etation a	and wetland hydr	olog	y must be	e present, ι	inless disturbe	d or problematic.
estrictive L	ayer (if observed): Typo:		None			Hydric So	Procont?	Vec No /
	Type. Denth (inches):		None			Hyunc 50	i Flesent:	

Project/Site: East Point	City/County: S	Sharon, Schoharie County	Sampling Date	: 2018-Aug-09
Applicant/Owner: NextEra	1	State: New	York Sampling Point:	W-CTL-02; UPL-2
Investigator(s): Connor Lic	ldell, Kaylee Townsend	Section, Township, F	Range:	
Landform (hillslope, terrace,	etc.): Hilltop	Local relief (concave, conve	x, none): Convex	Slope (%): 2-5
Subregion (LRR or MLRA):	LRR L	Lat: 42.7767831	Long: -74.5511936	Datum: WGS84
Soil Map Unit Name: DdD	- Darien Silt Loam, undulating, 15-20%	slopes	NWI classif	ication:
Are climatic/hydrologic cond	itions on the site typical for this time o	f year? Yes 🟒 No _	(If no, explain in Rema	arks.)
Are Vegetation, Soil	, or Hydrology significantly	y disturbed? Are "Norma	l Circumstances" present?	Yes No 🟒
Are Vegetation, Soil	🖌, or Hydrology naturally pi	roblematic? (If needed, e	explain any answers in Ren	narks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒								
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒						
Wetland Hydrology Present?	Yes No _	lf yes, optional Wetland Site ID:							
Remarks: (Explain alternative procedures her	re or in a separate report)							
TRC covertype is UPL. Area is upland, not all t	TRC covertype is UPL. Area is upland, not all three wetland parameters are present. Active agriculture field								

Wetland Hydrology Indicators:				
Primary Indicators (minimum of one	<u>e is required; check all that apply)</u>	Secondary Indicators (minimum of two required)		
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Sur	 Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) face (B8) 	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations:				
Surface Water Present? Water Table Present?	Yes No Depth (inches): Yes No Depth (inches):	Wetland Hydrology Present? Yes No		
Saturation Present?	Yes No _	-		
(includes capillary fringe)				
Remarks:	uge, monitoring well, aerial photos, previous inspections), if	available:		
No positive indication of wetland hy	drology was observed.			

Sampling Point: W-CTL-02; UPL-2

<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works	heet: Species That	0	(A)
1				Total Number of Domi	: nant Species	3	(B)
3.				 Across All Strata: Percent of Dominant S 	pecies That		
4				Are OBL, FACW, or FAC		0	(A/B)
6				 Prevalence Index work 	sheet:		
7.				- <u>Total % Cover</u>	<u>of:</u>	<u>Multiply</u>	<u>By:</u>
		= Total Cov	er	– OBL species	0	x 1 =	0
Sanling/Shruh Stratum (Plot size: 15 ft)		-		FACW species	0	x 2 =	0
1				FAC species	0	x 3 =	0
2				- FACU species	15	x 4 =	60
2.				– UPL species	50	x 5 =	250
3				– Column Totals	65	(A)	310 (B)
4				Prevalence I	ndex = B/A =	4.8	
6				Hydrophytic Vegetatio	n Indicators:		
7				1- Rapid Test for	Hydrophytic V	egetatior/	ı
/		- Total Cav	~~	– 2 - Dominance Te	st is > 50%		
Llorb Stratum (Plot size) E ft)	0	- 10tal COV	ei	3 - Prevalence Inc	dex is $\leq 3.0^1$		
	25	Vee		4 - Morphologica	l Adaptations	' (Provide	supporting
1. Zea mays		res	UPL	– data in Remarks or on	a separate sh	neet)	
2. Cirsium discolor		Yes	UPL	– Problematic Hyd	rophytic Vege	tation ¹ (E	xplain)
3. Taraxacum officinale	15	Yes	FACU	 Indicators of hydric so 	oil and wetlan	d hydrolc	gy must be
4				_ present, unless disturb	ped or proble	matic	
5				_ Definitions of Vegetati	on Strata:		
6				Tree – Woody plants 3	in. (7.6 cm) oı	r more in	diameter at
7				breast height (DBH), re	gardless of h	eight.	
8				Sapling/shrub - Wood	y plants less t	han 3 in.	DBH and
9				greater than or equal t	:o 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous	(non-woody)	plants, re	gardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines – All woo	dy vines great	ter than 3	.28 ft in
	65	= Total Cov	er	height.			
Woody Vine Stratum (Plot size: 30 ft)		-		Hydrophytic Vegetatio	on Present?	/es I	No 🔽
1.							
2				-			
2.				-			
۵				-			
4		- Total Cov		-			
	0		ei				

(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture			Remarks	
0 - 12	2.5Y 4/3	100					Silt Loam	1			
		_									
		—		· —							
				-							
/pe: C = 0	Concentration, D = I	 Depletio	n, RM = Reduced	Matr	ix, MS =	Masked S	and Grains. ² L	.ocation: F	PL = Po	re Lining, M = Matrix.	
dric Soil	Indicators:							Indicate	ors for	Problematic Hydric Soils ³ :	
_ Histoso	l (A1)		Polyvalue Bel	low S	urface (S	8) (LRR R ,	, MLRA 149B)	2 cr	n Muck	(A10) (LRR K, L. MLRA 149	B)
_ Histic Ep	c Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B)			149B)	Coa	st Praii	rie Redox (A16) (LRR K, L, R)			
_ Black Hi	istic (A3)		Loamy Mucky	y Min	eral (F1)	(LRR K, L)		5 cr	n Muck	y Peat or Peat (S3) (LRR K,	L, R)
_ Hydroge	en Sulfide (A4)		Loamy Gleye	d Mat	rix (F2)			Dar	k Surfa	ice (S7) (LRR K, L)	
_ Stratifie	d Layers (A5)		Depleted Ma	trix (F	3)			Poly	value l	Below Surface (S8) (LRR K, l	L)
_ Deplete	d Below Dark Surfa	ice (ATT) Redox Dark S	ourfac	e (F6)			Thir	Dark !	Surface (S9) (LRR K, L)	
_ THICK Da	ark Surface (ATZ)		Depieted Dar	rk Sur	1ace (F7)			Iror	-Mang	anese Masses (F12) (LRR K	, L, R)
	/IUCKy WIITIEFAL(ST)		Redox Depre	ssion	S (F8)						
_ 5411491								Pied	Imont	FIOODDIAIN SOIIS (FT9) (MLR	A 149B)
Sandy C	Gleyed Matrix (S4)							Piec Mes	imont l sic Spoo	Fioodpiain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145,	A 149B) 149B)
Sandy G Sandy F	Gleyed Matrix (S4) Redox (S5)							Piec Mes Red	imont l sic Spoo Parent	Fioodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21)	A 149B) 149B)
Sandy C Sandy C Sandy F Stripped	Gleyed Matrix (S4) Redox (S5) d Matrix (S6)							Piec Mes Red Ver	lmont l sic Spoo Parent / Shallo	Floodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) ow Dark Surface (TF12)	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M	ILRA 149	9B)					Piec Mes Red Ver	lmont l sic Spoo Parent / Shallo er (Exp	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) ilain in Remarks)	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su ndicators	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic veg	ILRA 14	9 B) and wetland hydr	ology	v must be	present	, unless disturbe	Piec Mes Red Ver Oth ed or prot	imont l sic Spoo Parent / Shallc er (Exp plemati	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) c.	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su ndicators estrictive 1	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic veg Layer (if observed):	ILRA 149	9 B) and wetland hydr	ology	<u>v must be</u>	e present	, unless disturbe	Piec Mes Red Ven Oth ed or prob	lmont l sic Spoo Parent / Shallo er (Exp plemati	dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) dain in Remarks) c.	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su ndicators	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type:	ILRA 149	9 B) and wetland hydr Boulder	rology	r must be	e present Hydric S	, unless disturbe io il Present?	Piec Mes Red Ver Oth ed or prot	Imont I sic Spoo Parent / Shallo er (Exp olemati	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) cNo∠	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su hdicators estrictive l	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr <u>Boulder</u> 12	ology	<u>v must be</u>	e present Hydric S	, unless disturbe ioil Present?	Piec Mes Red Ver Oth ed or prob	Imont I sic Spoo / Shallc er (Exp olemati	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) cNo	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su dicators strictive	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: Depth (inches):	ILRA 149	9B) and wetland hydr Boulder 12	-ology 	r must be	e present Hydric S	, unless disturbe ioil Present?	Piec Mes Red Ven Oth ed or prob	Imont I sic Spoo / Shallo er (Exp blemati	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) c No∠	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su ndicators :strictive l :marks:	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr <u>Boulder</u> 12	rology -	r must be	e present Hydric S	, unless disturbe ioil Present?	Piec Red Ver Oth ed or prob	lmont l sic Spoo Parent / Shallo er (Exp olemati	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) cNo	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su ndicators estrictive l	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr Boulder 12	-ology -	r must be	Hydric S	, unless disturbe Soil Present?	Piec Red Ver Oth ed or prob	lmont l sic Spoo Pareni / Shallo er (Exp olemati	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) cNo∠	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su ndicators estrictive l	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr Boulder 12	-ology	r must be	Hydric S	, unless disturbe Soil Present?	Piec Red Ver Oth ed or prob	lmont l ic Spoo / Shallc er (Exp elemati	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) cNo∠	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su ndicators estrictive l	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr Boulder 12	ology	r must be	Hydric S	, unless disturbe Soil Present?	Piec Mes Red Ver Oth	lmont l ic Spoo / Shallc er (Exp blemati Yes	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) cNo	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su ndicators estrictive l	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr Boulder 12	rology	r must be	Hydric S	, unless disturbe	Piec Mes Red Ver Oth	Imont l iic Spoo Parent / Shallc er (Exp <u>er (Exp</u>	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) cNo	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su adicators estrictive l	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr Boulder 12	rology	r must be	Hydric S	, unless disturbe	Piec Red Red Oth Oth	Imont l iic Spoo Parent / Shallc er (Exp <u>elemati</u>	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) cNo	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su dicators	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr Boulder 12	-	r must be	Hydric S	, unless disturbe	Piec Red Ver Oth	Imont l iic Spoo Parent / Shallc er (Exp <u>elemati</u>	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) cNo	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su dicators	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr Boulder 12	-	r must be	Hydric S	, unless disturbe	Piec Mes Red Ver Oth	Imont l ic Spoo Parent / Shallc er (Exp plemati	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) cNo∠	A 149B) 149B)
Sandy C _ Sandy F _ Stripped _ Dark Su dicators estrictive I	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: Depth (inches):	ILRA 14	9 B) and wetland hydr Boulder 12	ology	r must be	Hydric S	, unless disturbe	Piec Mes Red Ver Oth ed or prob	Imont l ic Spoo Parent / Shallc er (Exp olemati	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) c No∠	A 149B) 149B)
Sandy C Sandy C Sandy F Stripped Dark Su Dark Su Strictive I	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: Depth (inches):	tilRA 149	PB) and wetland hydr Boulder 12	-	r must be	Hydric S	, unless disturbe	Piec Mes Red Ver Oth ed or prob	Imont l ic Spoo Parent / Shallc er (Exp olemati	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) c No∠	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su ndicators estrictive f emarks:	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: Depth (inches):	tilRA 149	PB) and wetland hydr Boulder 12	-	r must be	Hydric S	, unless disturbe	Piec Mes Red Ver Oth ed or prob	Imont I sic Spoo Parent / Shallo er (Exp olemati	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) c No∠	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su ndicators estrictive f emarks:	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Inface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: Depth (inches):	tilRA 149	PB) and wetland hydr Boulder 12	-	r must be	Hydric S	, unless disturbe	Piec Mes Red Ver Oth ed or prob	Imont I sic Spoo Parent / Shallo er (Exp blemati	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) c No∠	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su ndicators estrictive f emarks:	Sleyed Matrix (S4) Redox (S5) d Matrix (S6) Inface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: 	tilRA 149	PB) and wetland hydr Boulder 12		r must be	Hydric S	, unless disturbe	Piec Mes Red Ver Oth ed or prob	Imont I sic Spoo Parent / Shallo er (Exp blemati	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) plain in Remarks) c No∠	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su ndicators estrictive l emarks:	Sleyed Matrix (S4) Redox (S5) d Matrix (S6) Inface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: 	tilRA 149	PB) and wetland hydr Boulder 12		r must be	Hydric S	, unless disturbe	Piec Mes Red Ver Oth ed or prob	Imont I sic Spoo Parent / Shallo er (Exp blemati	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) c No∠	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su estrictive l emarks:	Sleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: 	tilRA 149	PB) and wetland hydr Boulder 12	-	r must be	Hydric S	, unless disturbe	Piec Mes Red Ver Oth ed or prob	Imont I iic Spoo Parent / Shallc er (Exp blemati	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) c No∠	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su ndicators estrictive f emarks:	Sleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: 	tlRA 149	PB) and wetland hydr Boulder 12	-	r must be	Hydric S	, unless disturbe	Piec Mes Red Ver Oth ed or prob	Imont I iic Spoo Parent / Shallc er (Exp blemati	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) c No∠	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su <u>ndicators</u> estrictive f emarks:	Sleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: 	c soils w	PB) and wetland hydr Boulder 12	-	r must be	Hydric S	, unless disturbe	Piec Mes Red Ver Oth ed or prob	Imont I iic Spoo Parent / Shallo er (Exp blemati	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) cNo∠	A 149B) 149B)
Sandy C Sandy F Stripped Dark Su ndicators estrictive f emarks:	Sleyed Matrix (S4) Redox (S5) d Matrix (S6) Inface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: Depth (inches):	c soils w	PB) and wetland hydr Boulder 12	-	r must be	Hydric S	, unless disturbe	Piec Mes Red Ver Oth ed or prob	Imont I iic Spoo Parent / Shallo er (Exp blemati	Hoodplain Solis (F19) (MLR dic (TA6) (MLRA 144A, 145, t Material (F21) bw Dark Surface (TF12) blain in Remarks) cNo∠	A 149B) 149B)

Project/Site: East Point		City/County: Sharon Springs, Schoharie County			Sampling Date: 2018-May-23				
Applicant/Owner: N	extEra				State	: New Y	ork	Sampling Point:	W-DJL-01; PEM-2
Investigator(s): Don Lockwood, Valerie Mitchell Section, Township, Range:									
Landform (hillslope, te	rrace, etc.):	Depression		Local re	elief (concave	, convex	, none):	Concave	Slope (%): 1-10
Subregion (LRR or MLF	RA): LRR	L		L	Lat: 42.7920	336	Long:	-74.5694558	Datum: WGS84
Soil Map Unit Name:	DeB: Darien	silt loam, 2 to 8	percent slope	es				NWI classific	cation:
Are climatic/hydrologic	conditions o	n the site typical	for this time	of year?	Yes	<u>No</u>	(If no	o, explain in Rema	rks.)
Are Vegetation,	Soil,	or Hydrology	significant	tly disturbed?	? Are "	Normal (Circums	tances" present?	Yes 🟒 No
Are Vegetation,	Soil,	or Hydrology	naturally [problematic?	(lf ne	eded, ex	plain an	y answers in Rem	arks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Hydric Soil Present?	Yes 🖌 No Yes 🖌 No	Is the Sampled Area within a Wetland?	Yes 🟒 No								
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-DJL-01								
Remarks: (Explain alternative procedures here or in a separate report)											
TRC covertype is PEM. Area is wetland, a	ll three wetland paramete	ers are present.									

Wetland Hydrology Indicators:					
Primary Indicators (minimum of on	e is required; check a	<u>ll that apply)</u>		Secondary Indicators (minimum of	two required)
 ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	Wate Aqua Marl Hydr Oxid	er-Stained Leaves (B9) atic Fauna (B13) Deposits (B15) 'ogen Sulfide Odor (C1) ized Rhizospheres on Living R	coots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Ima 	gery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	Presi Rece Thin agery (B7) Othe rface (B8)	ence of Reduced Iron (C4) int Iron Reduction in Tilled Soi Muck Surface (C7) ir (Explain in Remarks)	ils (C6)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 	
Field Observations:					
Surface Water Present?	Yes 🟒 No	Depth (inches):	1		
Water Table Present?	Yes 🟒 No	Depth (inches):	0	Wetland Hydrology Present?	Yes 🟒 No
Saturation Present?	Yes 🟒 No	Depth (inches):	0		
(includes capillary fringe)					
Describe Recorded Data (stream ga	auge, monitoring well,	aerial photos, previous inspe	ections), if	available:	
Remarks:					
A positive indication of wetland hyd	drology was observed	(primary and secondary indic	ators wer	e present).	

Sampling Point: W-DJL-01; PEM-2

Tree Stratum (Blot cize: 20 ft)	Absolute	Dominant	Indicator	Dominance Test works	neet:		
	% Cover	Species?	Status	Number of Dominant S	pecies That	2	(A)
1				Are OBL, FACW, or FAC:			
2				Iotal Number of Domin	iant Species	2	(B)
3				Across Air Strata.	ocios That		
4				Are OBL FACW or FAC:		100	(A/B)
5				Prevalence Index works	heet:		
6				Total % Cover	of:	Multiply I	Bv:
7				OBL species	15	x 1 =	15
	0	= Total Cov	er	FACW species	30	x 2 =	60
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	0	x 3 =	0
1. <i>Rhamnus alnifolia</i>	15	Yes	OBL	FACU species	0	x 4 =	0
2				UPL species	0	x 5 =	0
3				Column Totals	45	(A)	75 (B)
4				Prevalence In	dex = B/A =	1.7	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
5							
6				A 1 Bapid Test for b	Indicators.	logotation	
7				1- Kapiu lest IOI F	tic SE0%	egetation	
	15	= Total Cov	er	2 - Dominance les	0.15 - 50%		
Herb Stratum (Plot size: <u>5 ft</u>)				S - Prevalence ind	Adaptations ¹	(Provide a	supporting
1. <i>Phalaris arundinacea</i>	30	Yes	FACW	data in Remarks or on a	Auaptations a senarate sh	(FIOVILLE : leet)	supporting
2				Problematic Hydro	ophytic Vege	tation ¹ (Ex	plain)
3				¹ Indicators of hydric soi	and wetlan	d hvdrolog	y must be
4				present, unless disturbe	ed or probler	natic	,,,
5.				Definitions of Vegetatio	n Strata:		
6.				Tree – Woody plants 3 i	n. (7.6 cm) or	more in c	liameter at
7.				breast height (DBH), reg	gardless of h	eight.	
8.				Sapling/shrub - Woody	plants less t	han 3 in. D	BH and
9.				greater than or equal to	o 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous (non-woody)	plants, reg	ardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines – All wood	ly vines great	er than 3.	28 ft in
	30	= Total Cov	er	height.			
<u>Woody Vine Stratum (Plot size:30 ft)</u>		-		Hydrophytic Vegetation	n Present?	/es 🟒 N	0
1.							
2.							
3.							
4.							
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a separate	e sheet.)			_			

0 - 12	Color (moist)	% Color (moist)	% Type¹	Loc ² Texture	Remarks
	2.5YR 3/2	100		Silt Loam	
<u> </u>					
					·
		·			
					·
Type: C = C	oncentration, D = I	Depletion, RM = Reduce	d Matrix, MS = N	lasked Sand Grains. ² L	ocation: PL = Pore Lining, M = Matrix.
Histosol	ndicators:	Polyvalue B	alow Surface (S8		Indicators for Problematic Hydric Solis ³ :
Histosof	ipedon (A2)	Thin Dark S	urface (S9) (LRR	R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Black His	stic (A3)	Loamy Muc	ky Mineral (F1) (LRR K, L)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
Hydroge	n Sulfide (A4)	Loamy Gley	ed Matrix (F2)		Dark Surface (S7) (LRR K, L)
Stratified	l Layers (A5) d Dalaw Dark Curf	Depleted M	atrix (F3)		Polyvalue Below Surface (S8) (LRR K, L)
Depieted	i Below Dark Suria rk Surface (A12)		Surface (F6)		Thin Dark Surface (S9) (LRR K, L)
Sandy M	ucky Mineral (S1)	Depieted Da	essions (F8)		Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy G	leved Matrix (S4)				Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy R	edox (S5)				Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Stripped	Matrix (S6)				Red Parent Material (F21)
Dark Sur	face (S7) (LRR R, N	ILRA 149B)			Very Shallow Dark Surface (TF12)
Indicators o	of hydrophytic veg	etation and wetland hyd	Irology must be	present, unless disturbe	d or problematic.
Restrictive L	ayer (if observed):				· · · ·
-	Туре:	Stone/gravel	_	Hydric Soil Present?	Yes 🟒 No
r	Depth (inches):	12			
Remarks:					
emarks:					
Remarks:	ssumed to be hydi	ric due to the presence	of inundation, F⁄	ACW and OBL vegetatior	species, and a definitive wetland boundary.
Remarks: Soils were a	ssumed to be hydi	ric due to the presence	of inundation, F/	ACW and OBL vegetatior	species, and a definitive wetland boundary.
Remarks: Soils were a	ssumed to be hyde	ric due to the presence	of inundation, F/	ACW and OBL vegetatior	species, and a definitive wetland boundary.
Remarks:	ssumed to be hydi	ric due to the presence	of inundation, F/	ACW and OBL vegetatior	species, and a definitive wetland boundary.
Remarks:	ssumed to be hydi	ric due to the presence	of inundation, F⁄	ACW and OBL vegetatior	species, and a definitive wetland boundary.
Remarks:	ssumed to be hydi	ric due to the presence	of inundation, F/	ACW and OBL vegetatior	species, and a definitive wetland boundary.
emarks:	ssumed to be hydi	ric due to the presence	of inundation, F/	ACW and OBL vegetatior	species, and a definitive wetland boundary.

Hydrology Photos



Vegetation Photos

Soil Photos



Photo of Sample Plot



Project/Site: East Point			City/County: Sharon Springs, Schoharie County					Sampling Date: 2018-May-23		
Applicant/Owner: Ne	extEra					State:	New Yor	rk	Sampling Point: \	W-DJL-01; PSS-1
Investigator(s): Don Lockwood, Valerie Mitchell Section, Township, Range:										
Landform (hillslope, ter	race, etc.):	Depression		Local r	relief (co	oncave, o	convex, r	none):	Concave	Slope (%): 1-10
Subregion (LRR or MLR	A): LRR L				Lat: 42	2.791736	59	Long:	-74.5689601	Datum: WGS84
Soil Map Unit Name:	DeB: Darien	silt loam, 2 to 8	percent slope	es					NWI classific	cation: PSS
Are climatic/hydrologic	conditions on	the site typical	for this time	of year?	,	Yes 🖌	No	_ (If no	, explain in Rema	rks.)
Are Vegetation,	Soil, o	or Hydrology	significant	ly disturbed	1?	Are "No	ormal Cii	rcumst	ances" present?	Yes 🟒 No
Are Vegetation,	Soil, o	or Hydrology	naturally [oroblematic	?	(If need	ded, expl	ain an	y answers in Rem	arks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🟒 No										
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No _								
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-DJL-01								
Remarks: (Explain alternative procedures here or in a separate report)											
TRC covertype is PSS. Area is wetland, a	ll three wetland paramete	rs are present.									

Wetland Hydrology Indicators:						
Primary Indicators (minimum of on	e is required; check all	<u>that apply)</u>		Secondary Indicators (minimum of two	<u>required)</u>	
 ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	Water Aquat Marl I ∕ Hydro Oxidiz	-Stained Leaves (B9) ic Fauna (B13) Deposits (B15) gen Sulfide Odor (C1) red Rhizospheres on Living	Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 		
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	Prese Recen Thin N agery (B7) Other rface (B8)	nce of Reduced Iron (C4) It Iron Reduction in Tilled S Juck Surface (C7) (Explain in Remarks)	oils (C6)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations:						
Surface Water Present?	Yes 🟒 No	Depth (inches):	3			
Water Table Present?	Yes 🟒 No	Depth (inches):	0	Wetland Hydrology Present? Yes _	🖌 No	
Saturation Present?	Yes 🟒 No	Depth (inches):	0	_		
(includes capillary fringe)						
Describe Recorded Data (stream ga	auge, monitoring well, a	aerial photos, previous insp	pections), if	available:		
A positive indication of wetland hyd	drology was observed (primary and secondary ind	licators wer	e present).		

Sampling Point: W-DJL-01; PSS-1

Tree Stratum (Plot size: 30 ft)	Absolute	Dominant	Indicator	Dominance Test works	heet:		
	% Cover	Species?	Status	Number of Dominant	Species That	6	(A)
1.				Total Number of Domi	 nant Species		
2.				Across All Strata:	nant species	6	(B)
3				Percent of Dominant S	pecies That	400	(4 (5)
4		·		Are OBL, FACW, or FAC		100	(A/B)
6				Prevalence Index work	sheet:		
7				- <u>Total % Cover</u>	of:	<u>Multiply</u>	<u>By:</u>
7		- Total Cov		- OBL species	0	x 1 =	0
Sanling/Shruh Stratum (Plot size: 15 ft)	0	- 10tai Cov		FACW species	45	x 2 =	90
<u>Sapiing/Sillub Stratum</u> (Plot Size. <u>15 it</u>)	20	Voc	EAC	FAC species	80	x 3 =	240
		Voc		– FACU species	0	x 4 =	0
2. <u>Cornus racomosa</u>		Vec		– UPL species	0	x 5 =	0
		res		Column Totals	125	(A)	330 (B)
4. Umus americana	5	INO	FACW	Prevalence l	ndex = B/A =	2.6	
5.				- Hydrophytic Vegetatio	n Indicators:		
6				1- Rapid Test for	Hydrophytic V	egetation	
7				2 - Dominance Te	st is >50%		
	65	= lotal Cov	/er	3 - Prevalence Inc	dex is $\leq 3.0^1$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				4 - Morphologica	l Adaptations ¹	(Provide	supporting
1. Phalaris arundinacea	20	Yes	FACW	– data in Remarks or on	a separate sh	leet)	
2. Equisetum arvense	20	Yes	FAC	Problematic Hyd	rophytic Vege	tation ¹ (Ex	plain)
3				¹ Indicators of hydric so	oil and wetlan	d hydrolog	gy must be
4.				present, unless disturb	oed or probler	matic	
5				Definitions of Vegetati	on Strata:		
6				Tree – Woody plants 3	in. (7.6 cm) or	more in c	diameter at
7				_ breast height (DBH), re	gardless of h	eight.	
8				Sapling/shrub - Wood	y plants less th	han 3 in. D	OBH and
9				greater than or equal f	:o 3.28 ft (1 m) tall.	
10				Herb – All herbaceous	(non-woody)	plants, reg	gardless of
11				size, and woody plants	less than 3.2	8 IL LAII.	20 ft in
12				- height	dy vines great	er than 3.	28 IL IN
	40	= Total Cov	/er	I hadren ha tie Menetetie		(()	-
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)				Hydropnytic Vegetatio	on Present?	res 🟒 N	0
1. <i>Vitis riparia</i>	20	Yes	FAC	_			
2				_			
3				_			
4				_			
	20	= Total Cov	/er				
Remarks: (Include photo numbers here or on a se	narate sheet)						
Remarks. (include photo numbers here of on a se	parate sheet.)						

	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	re	Remarks
0 - 5	2.5YR 3/2	100				·	Silt Lo	am	
5 - 18	2.5YR 6/1	80	10YR 6/1	20	С	М	Silty Clay	Loam	
						·			
								<u> </u>	
				·					
ype: C = 0	 Concentration, D =	Depletio	on, RM = Reduced	d Mati	rix, MS =	Masked	Sand Grains. ² Lo	cation: PL = Pore	Lining, M = Matrix.
/dric Soil	Indicators:							Indicators for P	roblematic Hydric Soils ³ :
_ Histoso	l (A1)		Polyvalue Be	low S	urface (S	8) (LRR R	, MLRA 149B)	2 cm Muck (A10) (LRR K. L. MLRA 149B)
_ Histic E	pipedon (A2)		Thin Dark Su	irface	(S9) (LRR	R, MLRA	149B)	Coast Prairie	e Redox (A16) (LRR K, L, R)
_ Black H	istic (A3)		Loamy Muck	y Min	eral (F1)	(LRR K, L)	5 cm Mucky	Peat or Peat (S3) (LRR K, L, R)
∠ Hydrog	en Sulfide (A4)		Loamy Gleye	ed Ma	trix (F2)			Dark Surface	e (S7) (LRR K, L)
_ Stratifie	d Layers (A5)		Depleted Ma	atrix (F	-3)			Polyvalue Be	elow Surface (S8) (LRR K, L)
	ed Below Dark Sun	ace (ATT) Redox Dark	Surfac	Ce (F6) face (F7)			Thin Dark Su	urface (S9) (LRR K, L)
Sandy N	drk Suriace (ATZ) Auchy Minoral (S1)		Depieted Da		Tace (F7)			Iron-Mangai	nese Masses (F12) (LRR K, L, R)
_ Sanuy r	Cloved Matrix (C4)			255101	IS (FO)			Piedmont Fl	oodplain Soils (F19) (MLRA 149B)
_ Sanuy (Mesic Spodi	c (TA6) (MLRA 144A, 145, 149B)
_ Sandy H	Redox (SS)							Red Parent l	Material (F21)
Strinne	d Matrix (S6)							Very Shallov	v Dark Surface (TF12)
								Others (Even la	in in Romarks)
_ Dark Su	ırface (S7) (LRR R, I	MLRA 14	9B)					Other (Expla	
_ Dark Su _ Dark Su ndicators	ırface (S7) (LRR R, l of hydrophytic ve	MLRA 14 getation	9 B) and wetland hyd	rolog	y must be	e present	, unless disturbec	or problematic.	
Dark Su Dark Su ndicators estrictive	ırface (S7) (LRR R, l of hydrophytic ve _ł Layer (if observed)	MLRA 14 getation	9 B) and wetland hyd	rology	y must be	e present	, unless disturbec	or problematic.	
Dark Sundicators	ırface (S7) (LRR R, l <u>of hydrophytic ve</u> ł Layer (if observed) Type:	MLRA 14 getation	9 B) and wetland hyd None	rology	y must be	e present	, unless disturbec Soil Present?	Other (Expla	Yes _ 🗸 _ No
Dark Sundicators	ırface (S7) (LRR R, l of hydrophytic ve <u>r</u> Layer (if observed) Type: Depth (inches):	MLRA 14 getation):	9 B) and wetland hyd None	rology	y must be	e present	:, unless disturbec Soil Present?	Other (Expla	Yes No
Dark Su ndicators estrictive	ırface (S7) (LRR R, l of hydrophytic ve _t Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	9 B) and wetland hyd None	rolog	y must be	e present Hydric	;, unless disturbec Soil Present?	Other (Expla	Yes _ 🗸 _ No
Dark Su Dark Su estrictive	ırface (S7) (LRR R, l of hydrophytic ve _i Layer (if observed) Type: Depth (inches):	MLRA 14 getation ::	9 B) and wetland hyd None	rolog	y must be	e present Hydric :	, unless disturbec Soil Present?	Other (Expla	Yes _ 🗸 _ No
_ Dark Su _ Dark Su estrictive	ırface (S7) (LRR R, l of hydrophytic ve <u>r</u> Layer (if observed) Type: Depth (inches):	MLRA 14 getation	9 B) and wetland hyd None	rolog	y must be	e present Hydric	, unless disturbec Soil Present?	Other (Expla	Yes _ 🗸 _ No
_ Dark Sundicators	ırface (S7) (LRR R, l of hydrophytic ve _i Layer (if observed) Type: Depth (inches):	MLRA 14 getation	9 B) and wetland hyd None	rolog	y must be	e present	, unless disturbec	Other (Expla	Yes No
_ Dark Sundicators	ırface (S7) (LRR R, l of hydrophytic ve <u></u> Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	9 B) and wetland hyd None	rology	y must be	e present	, unless disturbec	Other (Expla	Yes No
_ Dark Sundicators	ırface (S7) (LRR R, l of hydrophytic veş Layer (if observed) Type: Depth (inches):	MLRA 14 getation ;	9 B) and wetland hyd None	<u>-</u>	y must be	e present Hydric	, unless disturbec	Other (Expla	Yes No
_ Dark Sundicators	ırface (S7) (LRR R, l of hydrophytic veş Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	9 B) and wetland hyd None	rolog	y must be	e present Hydric :	, unless disturbec	Other (Expla	Yes No
_ Dark Sundicators estrictive	ırface (S7) (LRR R, l of hydrophytic ve _i Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	9B) and wetland hyd None	<u>-</u>	y must be	e present	, unless disturbec	Other (Expla	Yes No
_ Dark Sundicators estrictive	ırface (S7) (LRR R, l <u>of hydrophytic ver</u> Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	9B) and wetland hyd None	rolog	y must be	e present	, unless disturbec	Other (Expla	Yes _ <u>/</u> No
_ Dark Sundicators	ırface (S7) (LRR R, l <u>of hydrophytic ve</u> Layer (if observed) Type: <u>Depth (inches):</u>	MLRA 14 getation :	9 B) and wetland hyd None	-	y must be	e present	; unless disturbec	Other (Expla	Yes _ <u>/</u> No
_ Dark Su _ Dark Su ndicators estrictive emarks:	ırface (S7) (LRR R, l of hydrophytic ve _i Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	9 B) and wetland hyd None	-	y must be	e present	, unless disturbec	Other (Expla	Yes No
positive i	ndication of hydric	s soil was	9 B) and wetland hyd None	-	y must be	e present	, unless disturbec	Other (Expla	Yes No
positive i	ndication of hydric	s soil was	9B) and wetland hyd None	<u>-</u>	y must be	e present	, unless disturbec	Other (Expla	Yes No
positive i	ırface (S7) (LRR R, l of hydrophytic ver Layer (if observed) Type: Depth (inches):	soil was	9 B) <u>and wetland hyd</u> <u>None</u>	rolog	y must be	e present	, unless disturbec	Other (Expla	Yes No
positive i	ırface (S7) (LRR R, l <u>of hydrophytic ve</u> Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	9 B) <u>and wetland hyd</u> <u>None</u>	rolog	y must be	e present	, unless disturbec	Other (Expla	Yes No
Dark Su Dark Su estrictive emarks:	ırface (S7) (LRR R, l <u>of hydrophytic ve</u> Layer (if observed) Type: Depth (inches):	s soil was	9 B) <u>and wetland hyd</u> <u>None</u>	rolog	y must be	e present	, unless disturbec	Other (Expla	Yes _ <u>/</u> No
Dark Su Dark Su estrictive emarks:	ırface (S7) (LRR R, l <u>of hydrophytic ve</u> Layer (if observed) Type: Depth (inches):	s soil was	9B) and wetland hyd None	rolog	y must be	e present	, unless disturbec	Other (Expla	Yes No
positive i	ırface (S7) (LRR R, l <u>of hydrophytic ve</u> Layer (if observed) Type: Depth (inches):	s soil was	9B) and wetland hyd None	rolog	y must be	e present	, unless disturbec	Other (Expla	Yes No

Hydrology Photos



Vegetation Photos

Soil Photos



Photo of Sample Plot



Northcentral and Northeast Region -- Version 2.0 Adapted by TRC

Project/Site: East Point	City/County: Sharon Springs, Schoharie County	Sampling Date: 2018-May-23
Applicant/Owner: NextEra	State: New Yo	ork Sampling Point: W-DJL-01; UPL-1
Investigator(s): Don Lockwood, Valerie Mitchell	Section, Township, Ra	nge:
Landform (hillslope, terrace, etc.): Hillslope	Local relief (concave, convex,	none): Convex Slope (%): 1-10
Subregion (LRR or MLRA): LRR L	Lat: 42.7918335	Long: -74.5689393 Datum: WGS84
Soil Map Unit Name: DeB: Darien silt loam, 2 to	8 percent slopes	NWI classification:
Are climatic/hydrologic conditions on the site typic	al for this time of year? Yes 🟒 No	(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology	significantly disturbed? Are "Normal C	ircumstances" present? Yes 🟒 No
Are Vegetation, Soil, or Hydrology	naturally problematic? (If needed, exp	olain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No _	lf yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures her	e or in a separate report		
TRC covertype is UPL.			

Wetland Hydrology Indicators:				
Primary Indicators (minimum of on	e is required; check all that apply)	Secondary Indicators (minimum of two required)		
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Sur	 Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) gery (B7) Other (Explain in Remarks) face (B8) 	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations:				
Surface Water Present?	Yes No 🟒 Depth (inches):			
Water Table Present?	Yes No Depth (inches):	Wetland Hydrology Present? Yes No		
Saturation Present?	Yes No _			
(includes capillary fringe)				
Describe Recorded Data (stream ga	uge, monitoring well, aerial photos, previous inspections), if	available:		
Remarks:				
No positive indication of wetland hy	/drology was observed.			

Sampling Point: W-DJL-01; UPL-1

<u>Iree Stratum</u> (Plot size: <u>30 ft</u>)	Absolute	Dominant	Indicator	Dominance Test work	sheet:		
	% Cover	Species?	Status		Species That	1	(A)
1				Total Number of Dom	 inant Snecies		
2				Across All Strata:	inanic species	2	(B)
3.				Percent of Dominant	Species That		(4.(5))
4				Are OBL, FACW, or FAC	: ::	50	(A/B)
5.				 Prevalence Index world 	ksheet:		
o				- <u>Total % Cove</u>	<u>r of:</u>	<u>Multiply</u>	By:
7		Tabal Ca		 OBL species 	0	x 1 =	0
	0	= lotal Cov	er	FACW species	30	x 2 =	60
<u>Sapling/Shrub Stratum</u> (Plot size: <u>15 ft</u>)				FAC species	0	x 3 =	0
1				– FACU species	135	x 4 =	540
2				– UPL species	0	x 5 =	0
3				– Column Totals	165	(A)	600 (B)
4				- Prevalence I	ndex = B/A =	3.6	. ,
5				Hydrophytic Vegetatio	n Indicators:		
6				- 1- Rapid Test for	Hvdrophytic V	egetation	
7				2 - Dominance Te	est is > 50%	0	
	0	= Total Cov	er	3 - Prevalence In	dex is $\leq 3.0^1$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				4 - Morphologica	l Adaptations ¹	(Provide	supporting
1. Dactylis glomerata	60	Yes	FACU	– data in Remarks or on	i a separate sh	eet)	11 0
2. Phalaris arundinacea	30	Yes	FACW	Problematic Hyd	rophytic Vege	tation ¹ (Ex	plain)
3. <i>Trifolium pratense</i>	25	No	FACU	- ¹ Indicators of hydric s	oil and wetlan	d hydrolog	gy must be
4. <i>Taraxacum officinale</i>	25	No	FACU	present, unless distur	bed or probler	natic	
5. <i>Plantago major</i>	25	No	FACU	Definitions of Vegetat	ion Strata:		
6				Tree – Woody plants 3	in. (7.6 cm) or	more in o	diameter at
7				breast height (DBH), r	egardless of h	eight.	
8				Sapling/shrub - Wood	y plants less tl	nan 3 in. D	OBH and
9				greater than or equal	to 3.28 ft (1 m) tall.	
10				Herb – All herbaceous	(non-woody)	plants, reg	gardless of
11				size, and woody plant	s less than 3.2	8 ft tall.	
12				Woody vines – All woo	ody vines great	er than 3.	.28 ft in
	165	= Total Cov	er	neight.			
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)		_		Hydrophytic Vegetati	on Present?	′es N	lo
1.							
2.				-			
3.				-			
1				-			
4.		= Total Cov	er	-			
+•	0		-				

	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0 - 18	2.5Y 3/2	100					Silt Loam	
'Type: C = 0	Concentration, D =	Depletio	n, RM = Reduced	Matr	ix, MS = I	Masked San	d Grains. ² Lo	cation: PL = Pore Lining, M = Matrix.
Hydric Soil	Indicators:				6 (6)		D. 4 40D)	Indicators for Problematic Hydric Soils ³ :
Histoso	i (AT) ninedon (A2)		Polyvalue Be	iow Si rface	urtace (S (S9) /I P P	5) (LKK R, M R MIDA 14	_KA 1498))R)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Black H	istic (A3)		Loamy Muck	v Min	eral (F1) (LRR K. L)	נטפ	Coast Prairie Redox (A16) (LRR K, L, R)
Hydrog	en Sulfide (A4)		Loamy Gleye	, d Mat	rix (F2)	,,,		5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
Stratifie	d Layers (A5)		Depleted Ma	trix (F	3)			Polyvalue Below Surface (S8) (I RR K 1)
Deplete	d Below Dark Surfa	ice (A11) Redox Dark S	Surfac	e (F6)			Thin Dark Surface (S9) (LRR K. L)
Thick Da	ark Surface (A12)		Depleted Dar	rk Sur	face (F7)			Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy (Sloved Matrix (S4)		Redox Depre	ssion	S (F8)			Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy E	Peday (S5)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Strippe	d Matrix (S6)							Red Parent Material (F21)
Dark Su	urface (S7) (LRR R. N	ILRA 149	9B)					Very Shallow Dark Surface (TF12)
								Other (Explain in Remarks)
³ Indicators	of hydrophytic veg	etation a	and wetland hydr	ology	must be	e present, ur	less disturbe	l or problematic.
Restrictive	Layer (if observed):		Nama			Livelain Coli	Due e e ut?	
	Type:		None	-		Hydric Soll	Present?	Yes No
	Depth (inches):							
Development and the second								
Remarks:								
Remarks:								
Remarks:								
Remarks:								
Remarks:								
Remarks:								
Remarks:								
Remarks:								
Remarks:								
Remarks: No positive	indication of hydri	c soils w	vas observed.					
Remarks: No positive	indication of hydri	c soils w	vas observed.					
Remarks: No positive	indication of hydri	c soils w	vas observed.					
Remarks: No positive	indication of hydri	c soils w	vas observed.					
Remarks: No positive	indication of hydri	c soils w	vas observed.					
Remarks: No positive	indication of hydri	c soils w	as observed.					
Remarks: No positive	indication of hydri	c soils w	vas observed.					
Remarks: No positive	indication of hydri	c soils w	vas observed.					

Hydrology Photos



Vegetation Photos



US Army Corps of Engineers

Soil Photos



Photo of Sample Plot



US Army Corps of Engineers

Northcentral and Northeast Region -- Version 2.0 Adapted by TRC

Project/Site: East Point	City/County:	Sharon Springs, Schohar	ie County	Sampling Date: 20	018-May-23
Applicant/Owner: NextEra		State	: New York	Sampling Point: W-	DJL-01; UPL-2
Investigator(s): Don Lockwood, Va	lerie Mitchell	Section, Tow	nship, Range:		
Landform (hillslope, terrace, etc.):	Hilltop	Local relief (concave	e, convex, none):	Convex	Slope (%): 1-10
Subregion (LRR or MLRA):	_	Lat: 42.7913	364 Long:	-74.5709173	Datum: WGS84
Soil Map Unit Name: DeB: Darien	silt loam, 2 to 8 percent slope	es		NWI classificati	on:
Are climatic/hydrologic conditions or	n the site typical for this time	of year? Yes	🖊 No (If n	o, explain in Remarks	.)
Are Vegetation, Soil,	or Hydrology significan	tly disturbed? Are '	Normal Circums	tances" present?	Yes 🟒 No
Are Vegetation, Soil,	or Hydrology naturally	problematic? (If ne	eded, explain ar	ny answers in Remark	s.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No	lf yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures her	e or in a separate report)	
TRC covertype is UPL. Area is upland, not all t	hree wetland parameter	s are present.	

Wetland Hydrology Indicators:				
Primary Indicators (minimum of on	e is required; check all that apply)	Secondary Indicators (minimum of two required)		
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Sur	 Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) gery (B7) Other (Explain in Remarks) face (B8) 	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations:				
Surface Water Present?	Yes No 🟒 Depth (inches):			
Water Table Present?	Yes No Depth (inches):	Wetland Hydrology Present? Yes No		
Saturation Present?	Yes No _			
(includes capillary fringe)				
Describe Recorded Data (stream ga	uge, monitoring well, aerial photos, previous inspections), if	available:		
Remarks:				
No positive indication of wetland hy	/drology was observed.			

Sampling Point: W-DJL-01; UPL-2

Tree Stratum (Plot size: 20 ft)	Absolute	Dominant	Indicator	Dominance Test works	heet:		
	% Cover	Species?	Status	Number of Dominant S	Species That	1	(A)
1				Are OBL, FACW, or FAC	:		
2				Total Number of Domi	nant Species	3	(B)
3				Across All Strata:			
4.				Percent of Dominant S	pecies That	33.3	(A/B)
5.				Are OBL, FACVV, OF FAC	chaati		
6.				Total % Cover	sheet.	Multiply	D. a
7.				OBL species	<u>01.</u>	<u>iviuiupiy</u>	<u>by.</u>
	0	= Total Cover	r	EACW species	30	× 7 -	60
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)		-		EAC species	0	×2- ×2-	00
1.					125	× 4 -	500
2.				-	125	×4- ×-	500
3.				Column Totals	155	x 5 =	
4.					155	(A) _	560 (B)
5.				Prevalence li	uex = B/A =	<u>3.6</u>	<u> </u>
6.				Hydrophytic Vegetation	n Indicators:		
7.				1- Rapid Test for I	Hydrophytic V	egetation/	
	0	= Total Cove	r	2 - Dominance Te	st is > 50%		
Herb Stratum (Plot size: 5 ft)		-		3 - Prevalence Inc	lex is $\leq 3.0^1$		
1. Dactylis glomerata	70	Yes	FACU	4 - Morphological	Adaptations	(Provide	supporting
2. Phalaris arundinacea	30	Yes	FACW	data in Remarks or on	a separate sn	ieet)	(nlain)
3. Galium mollugo	30	Yes	FACU	Problematic Hydr	opnytic vege	lation' (E)	(piain) mumuut ha
4. Taraxacum officinale	25	No	FACU	nresent unless disturb	and or problem	u nyurolo matic	gy must be
5.				Definitions of Vegetation	on Strata	natic	
6.				Tree - Woody plants 3	in (7.6 cm) or	r more in	diameter at
7.				breast height (DBH), re	gardless of h	eight.	
8.				Sapling/shrub - Wood	/ plants less tl	han 3 in. [OBH and
9.				greater than or equal t	o 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous	(non-woody)	plants, reg	gardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines – All woo	dy vines great	ter than 3	.28 ft in
	155	= Total Cove	r	height.			
Woody Vine Stratum (Plot size: 30 ft)		_		Hydrophytic Vegetatic	n Present?	/es N	lo 🖌
1.							
2							
3							
4							
	0	= Total Cover	r				
Remarks: (Include photo numbers here or on a separate	e sheet.)	_					
	/						

Sampling Point: W-DJL-01; UPL-2

(incres)	Color (moist)	0%	Color (moist)		no1	Loc ² Textur	Pemarks
0 - 12	2 5VR 3/2	100		<u> 70 Ty</u>	pe	Silt Loa	m
0-12	2.511(3/2	100					
		·					
		·					
		·					
		·					
		·					
		·					
¹ Type: C = 0	Concentration. D =	Depletio	n. RM = Reduced	Matrix.	4S = N	Aasked Sand Grains.	Location: PL = Pore Lining, M = Matrix.
Hydric Soil	Indicators:	o oprotio		inder by i			Indicators for Problematic Hydric Soils ³ :
Histoso	(A1)		Polvvalue Be	low Surfa	ce (S8) (LRR R. MLRA 149B)	
Histic E	pipedon (A2)		Thin Dark Su	rface (S9)	(LRR F	R, MLRA 149B)	2 CM MUCK (ATU) (LRR K, L, MLRA 149B)
Black H	istic (A3)		Loamy Muck	y Mineral	(F1) (L	LRR K, L)	5 cm Muchy Peat or Peat (S3) (I PP K P)
Hydrog	en Sulfide (A4)		Loamy Gleye	d Matrix	(F2)		Dark Surface (S7) (LRR K. L)
Stratifie	d Layers (A5)		Depleted Ma	trix (F3)			Polyvalue Below Surface (S8) (LRR K, L)
Deplete	ed Below Dark Surfa	ace (A11) Redox Dark S	Surface (F	6) (57)		Thin Dark Surface (S9) (LRR K, L)
Sandy M	Ark Surface (ATZ) Aucky Mineral (S1)		Depieted Dar	ssions (E	2 (F7) 8)		Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy (Sleved Matrix (S4)			3310113 (1	5)		Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy F	Redox (S5)						Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Strinne	d Matrix (S6)						Red Parent Material (F21)
Dark Su	urface (S7) (LRR R. N	1LRA 149	9B)				Very Shallow Dark Surface (TF12)
			,				Other (Explain in Remarks)
³ Indicators	of hydrophytic veg	etation a	and wetland hydr	ology mu	ust be	present, unless disturk	ed or problematic.
Restrictive	Layer (if observed):						
	Туре:		None	-		Hydric Soil Present?	Yes No _
	Dopth (inchos)						
	Depth (inches).						
Remarks:	Depth (inches).						
Remarks:	Deptir (inches).						
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Remarks:	Depth (inches).						
Remarks:	Depth (incres).						
Remarks:	Depth (incres).						
Remarks:	Depth (incres).						
Remarks:	Depth (inclies).						
Remarks:	Depth (inclies).						

Hydrology Photos



Vegetation Photos

Soil Photos



Photo of Sample Plot



US Army Corps of Engineers

Northcentral and Northeast Region -- Version 2.0 Adapted by TRC

Project/Site: East Point	City/County: Sharon Springs, Schoharie	Sampling Date: 2019-April-30
Applicant/Owner: NextEra	State: NY	Sampling Point: W-JJB-01; PSS-1
Investigator(s): Jake Brillo, Kevin Bliss (assisting)	Section, Township, Range:	
Landform (hillslope, terrace, etc.): Depression	Local relief (concave, convex, none):	Concave Slope (%): 0-1
Subregion (LRR or MLRA): LRR R	Lat: 42.7732157847 Long:	-74.544156706 Datum: WGS84
Soil Map Unit Name:Nunda channery silt loam, 3	to 10 percent slopes	NWI classification: None
Are climatic/hydrologic conditions on the site typica	for this time of year? Yes _✔_ No (If ne	ɔ, explain in Remarks.)
Are Vegetation, Soil, or Hydrology _	significantly disturbed? Are "Normal Circums	tances" present? Yes 🟒 No
Are Vegetation, Soil, or Hydrology _	naturally problematic? (If needed, explain ar	iy answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🯒 No _
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-JJB-01
Remarks: (Explain alternative procedur	es here or in a separate rep	port)	
TRC covertype is PSS.			

Wetland Hydrology Indicators:						
Primary Indicators (minimum of one i	is required; check all that	apply)		Secondary Indicators (minimum of two required)		
 ✓ Surface Water (A1) High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	Water-Stain Aquatic Fai Marl Depo Hydrogen I Oxidized R	ned Leaves (B9) una (B13) sits (B15) Sulfide Odor (C1) hizospheres on Living R	oots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 		
 Drift Deposits (B3) _ Algal Mat or Crust (B4) _ Iron Deposits (B5) Inundation Visible on Aerial Image Sparsely Vegetated Concave Surfa 	Presence c Recent Iron Thin Muck ery (B7) Other (Exp ace (B8)	f Reduced Iron (C4) n Reduction in Tilled Soi Surface (C7) lain in Remarks)	ls (C6)	 		
Field Observations:						
Surface Water Present? Ye	es 🟒 No	Depth (inches):	5			
Water Table Present? Ye	es 🟒 No	Depth (inches):	15	Wetland Hydrology Present? Yes No		
Saturation Present? Ye	es 🟒 No	Depth (inches):	0	-		
(includes capillary fringe)						
Describe Recorded Data (stream gaug	ge, monitoring well, aerial	photos, previous inspe	ections), if	available:		

Sampling Point: W-JJB-01; PSS-1

Tree Stratum (Plot size: <u>30 ft</u>)	Absolute	Dominant	Indicator	Dominance Test worksh	eet:		
1	% Cover	Species?	Status	Are OBL, FACW, or FAC:	pecies That	5	(A)
2.		<u> </u>		Total Number of Domin	ant Species	5	(B)
3.				Across All Strata:			(D)
4.		·		Percent of Dominant Sp	ecies That	100	(A/B)
5.				Are OBL, FACW, or FAC:			
6.				Total % Cover	neet:	Multich	D. #
7.					<u>)):</u> 20	<u>wuupy</u>	<u>ву:</u> 20
	0	= Total Cov	er	EACW species	45	×1- ×2-	00
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)		-		FAC species	45	×2- ×3-	90
1. <i>Cornus alba</i>	25	Yes	FACW	FACI I species	0	× 1 -	0
2. <i>Sambucus nigra</i>	10	Yes	FACW		0	× 4	0
3				Column Totals	75	(A)	120 (B)
4.				Brovalance In	$\frac{75}{100}$	(A) 1.6	120 (B)
5.					Jex - D/A -	1.0	
6				Hydrophytic Vegetation	Indicators:	/	
7				I- Rapid Test for H	yaropnyue v + ic > E0%	regetation	
	35	= Total Cov	er	2 - Dominance les	1 IS > 50%		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				3 - Flevalence inue	3.0°	1 (Provide	supporting
1. <i>Typha angustifolia</i>	20	Yes	OBL	data in Remarks or on a	senarate sh	eet)	supporting
2. <u>Onoclea sensibilis</u>	10	Yes	FACW	Problematic Hydro	ophytic Vege	tation ¹ (Ex	(plain)
3. <i>Dryopteris cristata</i>	10	Yes	OBL	¹ Indicators of hydric soi	l and wetlan	d hydrolog	gy must be
4				present, unless disturbe	ed or proble	matic	
5				Definitions of Vegetatio	n Strata:		
6				Tree – Woody plants 3 ir	า. (7.6 cm) oเ	r more in o	diameter at
7				breast height (DBH), reg	ardless of h	eight.	
8				Sapling/shrub - Woody	plants less t ⁱ	han 3 in. D	OBH and
9				greater than or equal to) 3.28 ft (1 m) tall.	
10				Herb – All herbaceous (non-woody)	plants, reg	gardless of
11				size, and woody plants l	ess than 3.2	8 ft tall.	
12				Woody vines – All wood	y vines great	ter than 3.	.28 ft in
	40	= Total Cov	er	neight.			
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)				Hydrophytic Vegetatior	Present?	res 🟒 N	lo
1							
2							
3							
4							
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a sepa	rate sheet.)						

Profile Des	cription: (Describe	to the d	epth needed to d	ocum	ent the i	ndicator	or confirm the a	bsence of indicators.)	
Depth	Matrix		Redox	<pre>Feat</pre>	ures				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Te	exture	Remarks
0 - 5	10YR 4/1	100					Org mat	ter Silt Loam	
5 - 7	10YR 4/1	98	10YR 5/6	2	С	Μ	Sil	t Loam	
7 - 13	10YR 4/1	90	10YR 5/8	10	С	М	Sil	ty Clay	
13 - 20	10YR 5/8	60	10YR 5/1	40	С	М	Sil	ty Clay	
		- <u> </u>							
		·							
				—	<u> </u>				
1T		Develoption				Maaliad	Canad Crasing 21		- NA - Matrix
$\frac{1}{1}$	Loncentration, D =	Depietio	5n, RW = Reduced	INIAL	IX, IVIS =	wasked	Sand Grains. ² L	ocation: PL = Pore Linir	
Hydric Soil	Indicators:				c (c			Indicators for Proble	matic Hydric Solls ³ :
Histoso	I (A1)		Polyvalue Be	low S	urface (S	8) (LRR F	R, MLRA 149B)	2 cm Muck (A10)	(LRR K, L, MLRA 149B)
HISTIC E	Dipedon (A2)		I nin Dark St	rtace	(S9) (LRR	K, MLKA	A 149B)	Coast Prairie Red	ox (A16) (LRR K, L, R)
	istic (AS) on Sulfido (A4)			y iviiri d Ma	eral (F1) triv (E2)	(LKK K, L	-)	5 cm Mucky Peat	or Peat (S3) (LRR K, L, R)
Tiyurogo Stratifie	d Lavers (A5)		Loanly Gleye	trix (F				Dark Surface (S7)	(LRR K, L)
Deplete	d Below Dark Surf	ace (A11	Bedox Dark	Surfac	с) се (F6)			Polyvalue Below S	Surface (S8) (LRR K, L)
Thick Da	ark Surface (A12)		Depleted Da	rk Sui	face (F7)			Thin Dark Surface	e (S9) (LRR K, L)
Sandy N	/ucky Mineral (S1)		Redox Depre	ession	s (F8)			Iron-Manganese	Masses (F12) (LRR K, L, R)
Sandy G	Gleved Matrix (S4)							Piedmont Floodp	lain Soils (F19) (MLRA 149B)
Sandy F	Redox (S5)							Mesic Spodic (TA6	5) (MLRA 144A, 145, 149B)
Strippe	d Matrix (S6)							Red Parent Mater	rial (F21)
Dark Su	rface (S7) (LRR R. N	MLRA 14	.9B)					Very Shallow Dar	k Surface (TF12)
								Other (Explain In	Remarks)
³ Indicators	of hydrophytic veg	getation	and wetland hyd	rology	/ must be	e presen	t, unless disturbe	d or problematic.	
Restrictive	Layer (if observed)	:							
	Туре:		None			Hydric	Soil Present?		Yes 🟒 No
	Depth (inches):								
Remarks:									

Vegetation Photos



Photo of Sample Plot

Project/Site: East Point	t		City/County: Sharon S	Springs,	Schoharie		Sampling Date	: 2019-April-30
Applicant/Owner: Ne	extEra				State: NY		Sampling Point:	W-JJB-01; UPL-1
Investigator(s): Jake E	Brillo , Kevin B	liss		Sect	ion, Township, Ra	nge:		
Landform (hillslope, ter	race, etc.):	Hillslope	Loc	al relief	(concave, convex,	, none):	Convex	Slope (%): 2-5
Subregion (LRR or MLR/	A): LRR R			Lat:	42.7732201433	Long:	-74.544145139	Datum: WGS84
Soil Map Unit Name:	Nunda chanr	iery silt loam, 10	to 20 percent slopes				NWI classifi	cation:
Are climatic/hydrologic	conditions on	the site typical f	or this time of year?		Yes 🟒 No 🔄	(If no	o, explain in Rema	arks.)
Are Vegetation,	Soil, o	or Hydrology	significantly distur	oed?	Are "Normal (Circums	tances" present?	Yes 🟒 No
Are Vegetation,	Soil, o	or Hydrology	naturally problema	itic?	(If needed, ex	plain ar	y answers in Rem	harks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No _	lf yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures her	e or in a separate report		
TRC covertype is UPL.			

Wetland Hydrology Indicators:		
Primary Indicators (minimum of one	e is required; check all that apply)	Secondary Indicators (minimum of two required)
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Images Sparsely Vegetated Concave Sur 	 Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) face (B8) 	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present?	Yes No Depth (inches):	
Water Table Present?	Yes No _	Wetland Hydrology Present? Yes No
Saturation Present?	Yes No Depth (inches):	
(includes capillary fringe)		
Describe Recorded Data (stream ga	uge, monitoring well, aerial photos, previous inspections), if a	ıvailable:

Sampling Point: W-JJB-01; UPL-1

Tree Stratum (Plot size:30 ft)	Absolute	Dominant	Indicator	Dominance Test works	heet:		
	% Cover	Species?	Status	Number of Dominant	species That	0	(A)
1. <u>Tsuga canadensis</u>	30	Yes	FACU	Total Number of Domi	nant Spacias		
2. <u>Acer saccharum</u>	28	Yes	FACU	Across All Strata	nant species	5	(B)
3. Ostrya virginiana	20	Yes	FACU	Percent of Dominant S	necies That		
4. <i>Quercus rubra</i>	5	No	FACU	Are OBL, FACW, or FAC		0	(A/B)
5				Prevalence Index work	sheet:		
6				Total % Cover	of:	Multiply	Bv:
7				OBL species	0	x 1 =	0
	83	= Total Cov	er	FACW species	0	x 2 =	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	0	x 3 =	0
1. Ostrya virginiana	10	Yes	FACU	FACU species	103	x 4 =	412
2				UPL species	0	x 5 =	0
3				Column Totals	103	(A)	412 (B)
4				Prevalence li	ndex = B/A =	4	
5							
6				1 Danid Test for	n indicators:	lagatation	-
7						regetation	1
	10	= Total Cov	er	2 - Dominance re	SUIS $> 50\%$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)		_		5 - Prevalence inc	$100 \le 5.0^{\circ}$	1 (Drovida	currenting
1. Polystichum acrostichoides	10	Yes	FACU	data in Remarks or on	a senarate sh		supporting
2.				Problematic Hyd	onhytic Vege	tation ¹ (F	volain)
3.				Indicators of hydric so	il and wetlan	d hydrolc	agy must he
4.				present, unless disturb	ed or proble	matic	by must be
5.				Definitions of Vegetation	on Strata:		
6.				Tree – Woody plants 3	in. (7.6 cm) o	r more in	diameter at
7.		·		breast height (DBH), re	gardless of h	eight.	
8.		·		Sapling/shrub - Wood	/ plants less t	han 3 in.	DBH and
9.		·		greater than or equal t	o 3.28 ft (1 m	ı) tall.	
10.				Herb – All herbaceous	(non-woody)	plants, re	gardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines – All woo	dy vines grea	ter than 3	8.28 ft in
	10	= Total Cov	er	height.			
Woody Vine Stratum (Plot size: 30 ft)		-		Hydrophytic Vegetatic	on Present?	Yes l	No 🖌
1.							
2							
3.		· ·					
4							
···	0	= Total Cov	er				
		-					
Remarks: (Include photo numbers here or on a separat	e sneet.)						

(inches)	Matrix		Redox	Feat	ient the i	indicator of	r confirm the at		lui S.)	
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Re	marks
0 - 7	10YR 3/3	100	color (110100)		<u>.,he</u>		Silt Loam			
7 - 20	10YR 4/3	98	10YR 5/1	2	D	M	Silt Loam			
		· <u> </u>								
· ·				- —						
					<u> </u>					
· ·										
·										
·										
Turner C = C	oncontration D -		P DM - Doducod			Macked Ca	nd Crains 21		colining M - N	Antriv
Type. C – C	ndicators	Depletio	in, Rivi – Reduced	IVIdu	fix, IVIS –	IVIASKEU Sa		Indicators for	e Lining, M – M	dric Coilc3.
yuric Soll I	nulcators:		Dobustics	lov: C	urface (C	0) / DD D 		indicators for	roblematic Hy	und Solis ³ :
Histic Er	(A)		Thin Dark Su	rface	(SQ) /I DD	0) (LKK K, I P MI D 4 1	VILKA 1498) 498)	2 cm Mucl	(A10) (LRR K, L,	, MLRA 149B)
Black Hi	stic (A3)		Loamy Muck	v Mir	(39) (EKR		490)	Coast Prai	ie Redox (A16)	(LRR K, L, R)
Hvdroge	en Sulfide (A4)		Loamy Gleve	d Ma	trix (F2)	(Entry E)		5 cm Mucl	y Peat or Peat (S3) (LRR K, L, R)
Stratifier	d Lavers (A5)		Depleted Ma	trix (F3)			Dark Surfa	ce (S7) (LRR K, L	_)
Depleter	d Below Dark Surfa	ace (A11	Redox Dark S	Surfa	ce (F6)			Polyvalue	Below Surface (58) (LRR K, L)
Thick Da	ark Surface (A12)		Depleted Da	rk Su	rface (F7))		Thin Dark	Surface (S9) (LR	R K, L)
Sandy M	lucky Mineral (S1)		Redox Depre	ssior	ns (F8)			Iron-Mang	anese Masses (F12) (LRR K, L, R)
Sandy G	ileyed Matrix (S4)							Piedmont	-loodplain Soils	(F19) (MLRA 149B)
Sandy R	edox (S5)							Mesic Spo	IIC (IA6) (MLRA	144A, 145, 149B)
Stripped	Matrix (S6)							Red Paren	Material (F21)	(7512)
Devis C	rface (S7) (LRR R, N	/LRA 149	9B)					Very Shall	w Dark Surface	·)
Dark Su								Other (Exp		7
Dark Su				non	v must be	e present, i	inless disturbe	d or problemat	C.	
Dark Su Indicators o	of hydrophytic veg	etation a	and wetland hydi	olog	,					
Dark Su Bindicators of Restrictive L	of hydrophytic veg .ayer (if observed):	etation a	and wetland hydi	olog		Ukudaia Ca	:1 Duo o o o t2			
Dark Su Pindicators o Restrictive L	of hydrophytic veg .ayer (if observed) : Type:	etation a	and wetland hydi None	<u>- 010g</u>	<u>, , , , , , , , , , , , , , , , , , , </u>	Hydric So	il Present?	Yes _	No⁄_	
Uark Su ³ Indicators (Restrictive L	of hydrophytic veg . ayer (if observed) : Type: Depth (inches):	etation a	and wetland hydi None	<u> </u>		Hydric So	il Present?	Yes _	No⁄_	
Park Su Indicators (Restrictive L	of hydrophytic veg . ayer (if observed): Type: Depth (inches):	etation a	and wetland hydi None	<u>-</u>	<u>, , , , , , , , , , , , , , , , , , , </u>	Hydric So	il Present?	Yes _	No	
Dark Su Pindicators (Restrictive L	of hydrophytic veg . ayer (if observed): Type: Depth (inches):	etation a	and wetland hydi			Hydric So	il Present?	Yes _	No⁄_	
Dark Su Pindicators of Restrictive L Remarks:	of hydrophytic veg . ayer (if observed) : Type: Depth (inches):	etation a	and wetland hydi	<u>-</u>		Hydric So	il Present?	Yes _	No	
Dark Su Pindicators of Restrictive L	of hydrophytic veg . ayer (if observed) : Type: Depth (inches):	etation a	and wetland hydi	<u>-</u>		Hydric So	il Present?	Yes _	NoZ	
Restrictive L	of hydrophytic veg . ayer (if observed) : Type: Depth (inches):	etation a	and wetland hydi	<u>-</u>		Hydric So	il Present?	Yes _	NoZ	
Dark Su Restrictive L Remarks:	of hydrophytic veg . ayer (if observed): Type: Depth (inches):	etation a	and wetland hydi			Hydric So	il Present?	Yes _	No	
Dark Su Indicators Restrictive L	of hydrophytic veg . ayer (if observed): Type: <u>Depth (inches):</u>	etation a	and wetland hydi	<u> </u>		Hydric So	il Present?	Yes _	No	
Cark Su Restrictive L Remarks:	of hydrophytic veg .ayer (if observed): Type: Depth (inches):	<u>etation</u> a	None	<u>-</u>		Hydric So	il Present?	Yes _	No	
Remarks:	of hydrophytic veg . ayer (if observed): Type: Depth (inches):	<u>etation</u> a	None	<u>-</u>		Hydric So	il Present?	Yes _	No⁄_	
Remarks:	of hydrophytic veg .ayer (if observed): Type: Depth (inches):	<u>etation</u> a	None	<u> </u>		Hydric So	il Present?	Yes _	No	
	of hydrophytic veg .ayer (if observed): Type: Depth (inches):	etation a	None			Hydric So	il Present?	Yes _	No	
	of hydrophytic veg .ayer (if observed): Type: Depth (inches):	<u>etation</u> ;	None	- 		Hydric So	il Present?	Yes _	No	
Restrictive L	of hydrophytic veg . ayer (if observed) : Type: Depth (inches):	etation a	None	-		Hydric So	il Present?	Yes _	No	
Dark Su Restrictive L	of hydrophytic veg . ayer (if observed) : Type: Depth (inches):	etation a	None	<u>-</u>		Hydric So	il Present?	Yes _	No	
Dark Su Restrictive L	of hydrophytic veg . ayer (if observed) : Type: Depth (inches):	<u>etation</u> a	None			Hydric So	il Present?	Yes_	No	
Dark Su Restrictive L	of hydrophytic veg . ayer (if observed) : Type: Depth (inches):	<u>etation</u> a	None		,	Hydric So	il Present?	Yes_	No	
Restrictive L	of hydrophytic veg . ayer (if observed): Type: Depth (inches):	<u>etation</u> a	None	-	,	Hydric So	il Present?	Yes _	No	
Restrictive L	of hydrophytic veg .ayer (if observed): Type: Depth (inches):	<u>etation</u> a	None	-		Hydric So	il Present?	Yes	No	
Dark Su Indicators (Restrictive L	of hydrophytic veg .ayer (if observed): Type: Depth (inches):	<u>etation</u> a	None			Hydric So	il Present?	Yes_	No	
Vegetation Photos



Soil Photos





Project/Site: East Poin	t		City/County: St	naron Sprii	ngs, Schoharie		Sampling Date:	2019-May-01
Applicant/Owner: NextEra		State: NY				Sampling Point: W-JJB-03; PSS-1		
Investigator(s): Jake			Section, Township, F	Range:				
Landform (hillslope, te	rrace, etc.):	Depression		Local re	lief (concave, conve	x, none):	Concave	Slope (%): 2-5
Subregion (LRR or MLR	RA): LRR R	1		L	at: 42.7758657653	Long:	-74.5456895047	Datum: WGS84
Soil Map Unit Name:	Tunkhannock	and Chenango	gravelly silt loa	ms, 5 to 15	5 percent simple slo	pes	NWI classifi	cation:
Are climatic/hydrologic	conditions on	the site typical	for this time of	year?	Yes 🟒 No _	(lf n	o, explain in Rema	arks.)
Are Vegetation,	Soil,	or Hydrology	significantly	disturbed	Are "Norma	l Circums	stances" present?	Yes 🟒 No
Are Vegetation,	Soil,	or Hydrology	naturally pro	oblematic?	(If needed, e	xplain ar	ny answers in Rem	narks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Hydric Soil Present?	Yes 🟒 No Yes 🏒 No	Is the Sampled Area within a Wetland?	Yes 🧹 No
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-JJB-03
Remarks: (Explain alternative procedures	here or in a separate rep	ort)	
TRC covertype is PSS. Area is wetland, all	three wetland parameter	s are present.	

Wetland Hydrology Indicators:				
Primary Indicators (minimum of o	ne is required; check all	that apply)		Secondary Indicators (minimum of two required)
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water Aqua Marl I Hydro Oxidi	r-Stained Leaves (B9) tic Fauna (B13) Deposits (B15) ogen Sulfide Odor (C1) zed Rhizospheres on Living	; Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imageny (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) 				 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:				
Surface Water Present?	Yes No 🟒	Depth (inches):		
Water Table Present?	Yes 🟒 No	Depth (inches):	6	Wetland Hydrology Present? Yes No
Saturation Present?	Yes 🟒 No	Depth (inches):	0	-
(includes capillary fringe)				
Describe Recorded Data (stream g	auge, monitoring well,	aerial photos, previous ins	pections), if	available:

Sampling Point: W-JJB-03; PSS-1

Tree Stratum (Plot size: <u>30 ft</u>)	Absolute	Dominant	Indicator	Dominance Test works	heet:		
	% Cover	species:	Status	Are OBL. FACW. or FAC	pecies mat	4	(A)
		res	FACVV	Total Number of Domir	nant Species		
3				Across All Strata:		4	(B)
4				Percent of Dominant S	pecies That	100	(A/R)
5.				Are OBL, FACW, or FAC			(,,,,,,)
6.				Prevalence Index work	sheet:		_
7.				- <u>Total % Cover</u>	<u>of:</u>	Multiply	<u>By:</u>
	5	= Total Cov	rer	- OBL species	0	x1=	0
Sapling/Shrub Stratum (Plot size: 15 ft)		_		FACW species	85	x 2 =	170
1. Cornus racemosa	60	Yes	FAC	FAC species	80	x 3 =	240
2. Cornus amomum	20	Yes	FACW	- FACU species	10	x 4 =	40
3. Rhamnus cathartica	15	No	FAC	- UPL species _	0	x 5 =	0
4.				- Column Totals	175	(A)	450 (B)
5.				Prevalence Ir	dex = B/A =	2.6	
6.				Hydrophytic Vegetatior	Indicators:		
7.				1- Rapid Test for H	lydrophytic V	egetation/	
···	95	= Total Cov	er	2 - Dominance Te	st is >50%		
Herb Stratum (Plot size: 5 ft)		-		3 - Prevalence Ind	ex is $\leq 3.0^1$		
1. Onoclea sensibilis	60	Yes	FACW	4 - Morphological	Adaptations ¹	(Provide	supporting
2. Rubus idaeus	10	No	FACU	- data in Remarks or on	a separate sh	ieet)	
3. Equisetum arvense	5	No	FAC	Problematic Hydr	ophytic Vege	tation' (Ex	plain)
4.				- Indicators of nydric so	and wetian	a nyarolog matic	gy must be
5.				Definitions of Vegetatio	n Strata:	natic	
6.				Tree - Woody plants 3	(7.6 cm) or	more in a	liameter at
7.				breast height (DBH), re	gardless of h	eight.	and the ter at
8.				Sapling/shrub - Woody	plants less t	han 3 in. D	BH and
9.				greater than or equal t	o 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous	(non-woody)	plants, reg	ardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines – All wood	dy vines great	ter than 3.	28 ft in
	75	= Total Cov	er	height.			
Woody Vine Stratum (Plot size: 30 ft)		_		Hydrophytic Vegetatio	n Present?	/es 🟒 N	0
1.							
2.				-			
3.				-			
4.				-			
	0	= Total Cov	er	-			
			-				
Remarks: (Include photo numbers here or on a separ	ate sheet.)						

Depth	enption. (Describe	to the	depth needed to	docui	ment the	indicator or confirm the	absence of indicators.)
Constant N	Matrix		Redo	x Fea	tures		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ² Textur	e Remarks
0 - 2	10YR 2/1	100				Silt Loa	m
2 - 8	2.5Y 4/1	98	7.5YR 4/4	2	С	M/PL Silt Loa	m
8 - 18	5Y 5/1	80	10YR 4/6	20	С	M/PL Clay	
						·	
	-	·				·	
		·		—			
		·		—			
		·				·	
		·				<u> </u>	
		·					
¹ Type: C = 0	Concentration, D =	Deplet	ion, RM = Reduce	d Ma	trix, MS =	Masked Sand Grains.	² Location: PL = Pore Lining, M = Matrix.
Hydric Soil	Indicators:						Indicators for Problematic Hydric Soils ³ :
Histoso	ol (A1)		Polyvalue B	elow	Surface (S8) (LRR R, MLRA 149B)	2 cm Muck (A10) (LRR K. L. MLRA 149B)
Histic E	pipedon (A2)		Thin Dark S	urfac	e (S9) (LR	R R, MLRA 149B)	Coast Prairie Redox (A16) (LRR K. L. R)
Black H	listic (A3)		Loamy Muc	ky Mi	neral (F1) (LRR K, L)	5 cm Mucky Peat or Peat (S3) (LRR K. L. R)
Hydrog	en Sulfide (A4)		Loamy Gley	ed M	atrix (F2)		Dark Surface (S7) (LRR K. L)
Stratifie	ed Layers (A5)		_✓ Depleted M	atrix	(F3)		Polyvalue Below Surface (S8) (LRR K, L)
_✓ Deplete	ed Below Dark Surf	face (A1	1) Redox Dark	Surfa	ace (F6)		Thin Dark Surface (S9) (LRR K, L)
Thick D	ark Surface (A12)		Depleted Da	ark Su	urface (F7	")	Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy I	Mucky Mineral (S1)		Redox Depr	essio	ns (F8)		Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy (Gleyed Matrix (S4)						Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy I	Redox (S5)						Red Parent Material (F21)
Strippe	d Matrix (S6)						Very Shallow Dark Surface (TF12)
Dark Sı	urface (S7) (LRR R, I	MLRA 14	49B)				Other (Explain in Remarks)
³ Indicators	of hydrophytic ve	retatior	and wetland hvo	Irolog	zv must b	pe present, unless distur	bed or problematic.
Restrictive	Laver (if observed)	•	i ana menana nye		59		
Restrictive	Type:		None			Hydric Soil Procent?	Voc / No
	Type.		None			riyune son riesene:	
	Depth (inches).						
Remarks:							



Project/Site: East Poir	nt	Cit	ty/County:,				Sampling Date:	2019-May-01
Applicant/Owner: NextEra				State:			Sampling Point:	W-JJB-03; UPL-1
Investigator(s): Jake	Brillo, Val Mitc	hell		Sect	ion, Township, Ra	nge:		
Landform (hillslope, te	rrace, etc.):	Hillslope	Lo	ocal relief	(concave, convex,	, none):	Concave	Slope (%): 2-5
Subregion (LRR or MLF	RA): LRR R			Lat:	42.7759847884	Long:	-74.5456753392	Datum: WGS84
Soil Map Unit Name:	Tunkhannock	and Chenango gi	ravelly silt loams, 5	5 to 15 pe	rcent simple slope	es	NWI classifi	cation:
Are climatic/hydrologic	c conditions on	the site typical fo	r this time of year	?	Yes 🟒 No 🔄	(lf n	o, explain in Rema	arks.)
Are Vegetation,	Soil,	or Hydrology	significantly distu	irbed?	Are "Normal (Circums	tances" present?	Yes 🟒 No
Are Vegetation,	Soil,	or Hydrology	naturally problen	natic?	(If needed, ex	plain ar	ny answers in Rem	narks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No 🟒	lf yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures he	re or in a separate report)	
TRC covertype is UPL			

Wetland Hydrology Indicators:		
Primary Indicators (minimum of on	e is required; check all that apply)	Secondary Indicators (minimum of two required)
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	 Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) 	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Sur	 Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) face (B8) 	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present?	Yes No Depth (inches):	
Water Table Present?	Yes No _	Wetland Hydrology Present? Yes No
Saturation Present?	Yes No Depth (inches):	
(includes capillary fringe)		
Describe Recorded Data (stream ga	uge, monitoring well, aerial photos, previous inspections), if	available:

Sampling Point: W-JJB-03; UPL-1

	Absolute	Dominant	Indicator	Dominance Test works	heet:		
Tree Stratum (Plot size: <u>30 ft</u>)	% Cover	Species?	Status	Number of Dominant S	Species That	_	
1		-1		Are OBL, FACW, or FAC		0	(A)
2		······································		Total Number of Domir	hant Species		
2		······································		Across All Strata:		1	(B)
5				Percent of Dominant S	pecies That		(4 (D)
4		·		Are OBL, FACW, or FAC		0	(A/B)
		·		Prevalence Index work	sheet:		
6.				Total % Cover	<u>of:</u>	Multiply	By:
7		<u> </u>		OBL species	0	x 1 =	0
	0	= Total Cov	er	FACW species	10	x 2 =	20
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	0	x 3 =	0
1		·		FACU species	105	x 4 =	420
2				UPL species	0	x 5 =	0
3				Column Totals	115	(A)	440 (B)
4.				- Brovalanco Ir	$dox = B/\Lambda =$	20	440 (D)
5.					IUEX - D/A -		
6.				Hydrophytic Vegetation	n Indicators:		
7.				1- Rapid Test for H	Hydrophytic V	/egetatior	1
	0	= Total Cov	er	2 - Dominance Te	st is > 50%		
Herb Stratum (Plot size: 5 ft)		-		3 - Prevalence Ind	lex is $\leq 3.0^1$		
1. Poa pratensis	85	Yes	FACU	4 - Morphological	Adaptations	¹ (Provide	supporting
2. Taraxacum officinale	20	No	FACU	data in Remarks or on	a separate sh	ieet)	
3 Heracleum maximum	10	No	FACW	Problematic Hydr	ophytic Vege	tation' (E	xplain)
1		110	T/ICII	¹ Indicators of hydric so	il and wetlan	d hydrolo	gy must be
······································		······································		present, unless disturb	ed or problei	matic	
· · · · · · · · · · · · · · · · · · ·		······································		Definitions of Vegetatio	on Strata:		
0				Iree – Woody plants 3	in. (7.6 cm) oi	r more in	diameter at
/		<u> </u>		Gradia = (sharah _)A(s s sh	gardiess of n	eignt. Is an Dùm I	
8				Sapling/snrub - woody	o 2 28 ft (1 m	nan 3 in. i	DBH and
9		·			(2010 (11)	nlanta ra	gardlage of
10				size and woody plants	loss than 3.2	g ft tall	gardiess of
11		·				tor than 2	29 ft in
12				height	ay villes grea		.201111
	115	= Total Cov	er		- D	/ N	
Woody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic Vegetatio	n Present?	res l	No _ / _
1							
2							
3							
4.							
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a separate	e sheet)	-					
Remarks. (include photo numbers here of on a separat	- Sheet.)						

nches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks
0 - 8	10YR 4/4	100					Loam		
				·					
				· —					
				· —					
e: C = (Concentration, D = D	Depletio	n, RM = Reduced	Mat	rix, MS =	Masked S	Sand Grains. ²	Location: PL = F	Pore Lining, M = Matrix.
ric Soil	Indicators:							Indicators fo	r Problematic Hydric Soils ³ :
listoso	l (A1)		Polyvalue Bel	ow S	urface (S	8) (LRR R	, MLRA 149B)	2 cm Mu	ck (A10) (LRR K, L, MLRA 149B)
HISTIC E	pipedon (A2)		Thin Dark Su	rface	(S9) (LRR	R, MLRA	149B)	Coast Pra	airie Redox (A16) (LRR K, L, R)
Hvdrog	en Sulfide (A4)		Loamy Gleve	d Ma	trix (F2)			5 cm Mu	cky Peat or Peat (S3) (LRR K, L, R)
Stratifie	ed Lavers (A5)		Depleted Mar	trix (l	=3)			Dark Sur	face (S7) (LRR K, L)
Deplete	d Polow Dark Surfa	co (A11	Podov Dark S	urfa	ce (F6)			Polyvalue	e Below Surface (S8) (LRR K, L)
	eu below Dark Surra	Ce (ATT)	<u> </u>					I hin Dar	k Surface (S9) (I RR K. I)
hick D	ark Surface (A12)	Ce (ATT	Depleted Dark	k Su	face (F7)				
Thick Da Sandy N	ark Surface (A12) Mucky Mineral (S1)		Depleted Dar Depleted Dar Redox Depre	k Su ssior	rface (F7) ns (F8)			Iron-Mar	nganese Masses (F12) (LRR K, L, R)
Fhick Da Sandy N Sandy C	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4)		Depleted Dark	k Su ssior	rface (F7) 1s (F8)			Iron-Mar Piedmon	nganese Masses (F12) (LRR K, L, R) It Floodplain Soils (F19) (MLRA 149B)
Thick Da Sandy N Sandy C Sandy F	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5)		Depleted Dark	k Su ssior	rface (F7) ns (F8)			Iron-Mar Piedmon Mesic Sp	nganese Masses (F12) (LRR K, L, R) t Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B)
Thick Da Sandy N Sandy C Sandy F Strippe	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6)		Depleted Dark	k Su ssior	rface (F7) ıs (F8)			Iron-Mar Piedmon Mesic Sp Red Pare	nganese Masses (F12) (LRR K, L, R) t Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21)
Thick D Sandy N Sandy C Sandy F Stripped Dark Su	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M	LRA 149	Depleted Dark 3	k Su ssior	rface (F7) is (F8)			Iron-Mar Piedmon Mesic Sp Red Pare Very Sha	nganese Masses (F12) (LRR K, L, R) It Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) Ilow Dark Surface (TF12) rolain in Remarks)
Thick Da Sandy N Sandy G Sandy F Strippe Dark Su Dark Su	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Jurface (S7) (LRR R, M	LRA 14	Depleted Dar Depleted Dar Redox Depre	k Su ssior	rface (F7) is (F8) v must be	- present	unless disturb	Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E)	nganese Masses (F12) (LRR K, L, R) It Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) Ilow Dark Surface (TF12) kplain in Remarks)
Thick D Sandy N Sandy C Sandy F Strippe Dark Su licators trictive	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic vege Layer (if observed):	LRA 14	Depleted Dar Depleted Dar Redox Depre	k Su ssior	rface (F7) is (F8) y must be	e present	, unless disturb	Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) ped or problema	nganese Masses (F12) (LRR K, L, R) It Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) Ent Material (F21) Ilow Dark Surface (TF12) Aplain in Remarks)
Thick D Sandy N Sandy C Sandy F Stripped Dark Su licators trictive	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type:	LRA 14	Depleted Dar Depleted Dar Redox Depre	k Surssior	rface (F7) is (F8) y must be	e present	, unless disturb Soil Present?	Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) ped or problema	nganese Masses (F12) (LRR K, L, R) It Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) Ilow Dark Surface (TF12) kplain in Remarks) atic. No ✓
Thick D. Gandy N Gandy C Gandy F Gark Su Dark Su Cators rictive	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: Depth (inches):	LRA 14	Depleted Dar Depleted Dar Redox Depre	k Sur	rface (F7) is (F8) y must be	e present	; unless disturb Soil Present?	Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) Other (E)	nganese Masses (F12) (LRR K, L, R) It Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) Ilow Dark Surface (TF12) kplain in Remarks) atic.
hick D. Gandy N Gandy F Gandy F C Gandy F Gandy F Gand	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: Depth (inches):	LRA 149	Pepleted Dark 3 Depleted Dar Redox Depre	k Su ssior	rface (F7) is (F8) y must be	e present	;, unless disturb Soil Present?	Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) ped or problema Yes	nganese Masses (F12) (LRR K, L, R) It Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) Ilow Dark Surface (TF12) kplain in Remarks) atic. No∠
hick Da Gandy N Gandy C Gandy F Strippe Dark Su cators rictive arks:	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	LRA 149	Depleted Dark 3 Depleted Dar Redox Depre 38) and wetland hydr None	rolog	rface (F7) is (F8) y must be	e present Hydric S	, unless disturb Soil Present?	Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) wed or problema	nganese Masses (F12) (LRR K, L, R) it Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) Ilow Dark Surface (TF12) kplain in Remarks) atic.
hick Dandy M andy M andy F andy F ark Su cators rictive arks:	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	LRA 149	Depleted Dar Depleted Dar Redox Depre	rolog	rface (F7) is (F8) y must be	e present Hydric S	, unless disturb Soil Present?	Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) wed or problema	nganese Masses (F12) (LRR K, L, R) t Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) llow Dark Surface (TF12) kplain in Remarks) atic. No∕_
hick D andy N andy C andy F trippe Dark Su cators rictive	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	LRA 149	Depleted Dar Depleted Dar Redox Depre	k Su ssior 	rface (F7) ns (F8) y must be	e present Hydric S	; unless disturb Soil Present?	Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (Ex ped or problema Yes	nganese Masses (F12) (LRR K, L, R) t Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) llow Dark Surface (TF12) kplain in Remarks) atic. No∕_
hick Dandy N andy C andy F tripped Dark Su cators rictive	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	LRA 149	Depleted Dar Depleted Dar Redox Depre PB) and wetland hydr None	rolog	rface (F7) ns (F8) y must be	e present Hydric S	; unless disturb Soil Present?	Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) wed or problema	nganese Masses (F12) (LRR K, L, R) t Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) llow Dark Surface (TF12) kplain in Remarks) atic. No∠
hick Dandy M Gandy G Gandy F Gark Su Cators rictive	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: Depth (inches):	LRA 14	Depleted Dar Depleted Dar Redox Depre	k Su ssior rolog	rface (F7) ns (F8) y must be	e present Hydric S	; unless disturb Soil Present?	Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) bed or problema	nganese Masses (F12) (LRR K, L, R) t Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) llow Dark Surface (TF12) kplain in Remarks) atic. No∠
Thick De Gandy M Gandy F Gandy F Gandy F Gandy F Cark Su Cark Su Cark Su Cark Su Cark Su Cark Su	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	LRA 14	Depleted Dar Depleted Dar Redox Depre	k Su ssior rolog	rface (F7) ns (F8) y must be	e present Hydric S	; unless disturb Soil Present?	Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) bed or problema	nganese Masses (F12) (LRR K, L, R) t Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) llow Dark Surface (TF12) kplain in Remarks) atic. No∠
Thick Do Sandy N Sandy F Sandy F Strippe Dark Su icators trictive	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	LRA 14	Depleted Dar Depleted Dar Redox Depre	k Su ssior	rface (F7) ns (F8) y must be	e present Hydric S	; unless disturb Soil Present?	Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) bed or problema	nganese Masses (F12) (LRR K, L, R) it Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) llow Dark Surface (TF12) kplain in Remarks) atic. No∠
Thick Do Sandy N Sandy F Sandy F Strippe Dark Su icators trictive	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	LRA 14	Depleted Dar Depleted Dar Redox Depre	k Su ssior	rface (F7) ns (F8) y must be	e present Hydric S	; unless disturb Soil Present?	Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) wed or problema Yes	nganese Masses (F12) (LRR K, L, R) it Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) llow Dark Surface (TF12) kplain in Remarks) atic. No∠
Thick Do Sandy N Sandy C Sandy F Strippe Dark Su icators trictive	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	LRA 14	Depleted Dar Depleted Dar Redox Depre	k Su ssior 	rface (F7) is (F8) y must be	e present Hydric S	; unless disturb Soil Present?	Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) ped or problema Yes	nganese Masses (F12) (LRR K, L, R) it Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) llow Dark Surface (TF12) kplain in Remarks) atic. No∠
Thick Do Sandy N Sandy C Sandy F Strippe Dark Su icators trictive	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	LRA 149	Depleted Dar Depleted Dar Redox Depre	k Sui ssior	rface (F7) is (F8) y must be	e present	; unless disturb Soil Present?	Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) wed or problema Yes	nganese Masses (F12) (LRR K, L, R) it Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) llow Dark Surface (TF12) kplain in Remarks) atic. No∠
Thick D Sandy N Sandy C Sandy F Strippe Dark Su icators rictive	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	LRA 149	Depleted Dar Depleted Dar Redox Depre	k Sui ssior colog	rface (F7) is (F8) <u>y must be</u>	e present	; unless disturb 50il Present?	Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) wed or problema Yes	Inganese Masses (F12) (LRR K, L, R) it Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) Ilow Dark Surface (TF12) kplain in Remarks) atic. No∠
Thick D Sandy N Sandy C Sandy F Strippe Dark Su icators rrictive	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	LRA 149	Depleted Dar Depleted Dar Redox Depre	k Sui ssior 	rface (F7) is (F8) y must be	e present Hydric S	:, unless disturb 50il Present?	Iron-Mar Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) ned or problema Yes	Instance (D) (LRR K, L, R) Inganese Masses (F12) (LRR K, L, R) It Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) Int Material (F21) Ilow Dark Surface (TF12) kplain in Remarks) atic. No _∠
Thick Do Sandy N Sandy C Sandy F Stripped Dark Su licators trictive	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	LRA 149	Depleted Dar Depleted Dar Redox Depre	k Sui ssior 	rface (F7) is (F8) y must be	e present	; unless disturb 5oil Present?	Iron-Mar Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) bed or problema Yes	Inganese Masses (F12) (LRR K, L, R) tr Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) Ilow Dark Surface (TF12) kplain in Remarks) atic.
Thick Do Sandy M Sandy C Sandy F Stripped Dark Su licators trictive	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	LRA 149	Depleted Dar Depleted Dar Redox Depre	k Sui ssior 	rface (F7) is (F8) y must be	e present Hydric S	; unless disturb Soil Present?	Iron-Mar Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) bed or problema 	Inganese Masses (F12) (LRR K, L, R) tr Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) Ilow Dark Surface (TF12) kplain in Remarks) atic.
Thick Do Sandy N Sandy C Sandy F Stripped Dark Su icators trictive	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	LRA 149	Pepleted Dar Depleted Dar Redox Depre	k Su ssior 	rface (F7) is (F8) y must be	e present Hydric S	; unless disturb Soil Present?	Iron-Mar Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) wed or problema Yes	Inganese Masses (F12) (LRR K, L, R) tr Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) Ilow Dark Surface (TF12) kplain in Remarks) atic.
Thick Do Sandy M Sandy C Sandy F Stripped Dark Su licators trictive	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: Depth (inches):	LRA 149	Pepleted Dar Depleted Dar Redox Depre Redox Depre None	k Su ssior	rface (F7) is (F8) y must be	e present Hydric S	, unless disturb Soil Present?	Iron-Mar Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) wed or problema Yes	Insert (JS) (LRR K, L, R) It Floodplain Soils (F12) (LRR K, L, R) it Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) Int Material (F21) Ilow Dark Surface (TF12) kplain in Remarks) atic. No∠
Thick Do Sandy N Sandy C Sandy F Strippe Dark Su icators rictive	ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: Depth (inches):	LRA 149	Redox Dark 3 Depleted Dar Redox Depre Redox Depre None	k Suu ssior	rface (F7) is (F8) y must be	e present Hydric S	; unless disturb Soil Present?	Iron-Mar Iron-Mar Piedmon Mesic Sp Red Pare Very Sha Other (E) wed or problema Yes	nganese Masses (F12) (LRR K, L, R) t Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) ent Material (F21) llow Dark Surface (TF12) kplain in Remarks) attic. No∠





Project/Site: East Point	City/County: Sharon Springs, Schoharie	Sampling Date: 2019-May-01
Applicant/Owner: NextEra	State: NY	Sampling Point: W-JJB-04; PEM-1
Investigator(s): Jake Brillo, Val Mitchell	Section, Township, Range:	
Landform (hillslope, terrace, etc.): Depression	Local relief (concave, convex, none):	Flat Slope (%): 0-1
Subregion (LRR or MLRA): LRR R	Lat: 42.7767850925 Long:	-74.5794313588 Datum: WGS84
Soil Map Unit Name: Ilion and Appleton silt loams	s, 3 to 8 percent slopes	NWI classification:
Are climatic/hydrologic conditions on the site typical	for this time of year? Yes _✔_ No (If n	o, explain in Remarks.)
Are Vegetation, Soil, or Hydrology	significantly disturbed? Are "Normal Circums	tances" present? Yes 🟒 No
Are Vegetation, Soil, or Hydrology	naturally problematic? (If needed, explain ar	ıy answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🯒 No _
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-JJB-04
Remarks: (Explain alternative procedures h	ere or in a separate repor	t)	
TRC covertype is PEM. Ag field nearby			

Wetland Hydrology Indicators:						
Primary Indicators (minimum of or	ne is required; check all t	<u>hat apply)</u>		Secondary Indicators (minimum of two required)		
✓ Surface Water (A1) ✓ Water-Stained Leaves (B9) ✓ High Water Table (A2) Aquatic Fauna (B13) ✓ Saturation (A3) Marl Deposits (B15) Water Marks (B1) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) Oxidized Rhizospheres on Living				 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) ts (C3) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 		
Drift Deposits (B3) Presence of Reduced Iron (C4) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Iron Deposits (B5) Thin Muck Surface (C7) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) Content Concave Surface (B8)				 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations:						
Surface Water Present?	Yes 🟒 No	Depth (inches):	1			
Water Table Present?	Yes 🟒 No	Depth (inches):	2	Wetland Hydrology Present? Yes No		
Saturation Present?	Yes 🟒 No	Depth (inches):	0	_		
(includes capillary fringe)						
Describe Recorded Data (stream g	auge, monitoring well, a	erial photos, previous insp	pections), if	available:		

Sampling Point: W-JJB-04; PEM-1

Trop Stratum (Diot cize: 20 ft.)	Absolute	Dominant	Indicator	Dominance Test worksheet:		
	% Cover	Species?	Status	Number of Dominant Species That	3	(A)
1.				Are OBL, FACW, or FAC:		(/ ()
2.				Total Number of Dominant Species	3	(B)
3.		· ·		Across All Strata:		(5)
4.				Percent of Dominant Species That	100	(A/B)
5.				Are OBL, FACW, or FAC:		
6		·		Prevalence Index worksheet:		
7				Total % Cover of:	<u>Multiply</u>	<u>By:</u>
/		- Total Cav	or	OBL species 55	x 1 =	55
Carling (Church Church um (Dist sing) 15 ft)	0	- 10tal COV		FACW species 70	x 2 =	140
<u>Sapiing/Shrub Stratum</u> (Piot size: <u>15 it</u>)				FAC species 0	x 3 =	0
				FACU species 0	x 4 =	0
2		<u> </u>		UPL species 0	x 5 =	0
3				Column Totals 125	(A)	195 (B)
4		······································		Prevalence Index = B/A =	1.6	
5		·		Hydrophytic Vegetation Indicators:		
6				✓ 1- Rapid Test for Hydrophytic \	/egetation	
7		·		2 - Dominance Test is >50%	-8	
	0	= Total Cov	er	\checkmark 3 - Prevalence Index is < 3.0 ¹		
Herb Stratum (Plot size: <u>5 ft</u>)				4 - Morphological Adaptations	1 (Provide	supporting
1. <i>Phalaris arundinacea</i>	60	Yes	FACW	data in Remarks or on a separate sh	ieet)	supporting
2. <i>Typha angustifolia</i>	30	Yes	OBL	Problematic Hydrophytic Vege	tation ¹ (Ex	plain)
3. <i>Lythrum salicaria</i>	25	Yes	OBL	¹ Indicators of hydric soil and wetlan	d hvdrolos	zv must be
4. Cornus alba	10	No	FACW	present, unless disturbed or proble	matic	5,
5.				Definitions of Vegetation Strata:		
6.				Tree – Woody plants 3 in. (7.6 cm) o	r more in c	liameter at
7.				breast height (DBH), regardless of h	eight.	
8.		· ·		Sapling/shrub – Woody plants less t	han 3 in. D	BH and
9.				greater than or equal to 3.28 ft (1 m	ı) tall.	
10				Herb – All herbaceous (non-woody)	plants, reg	ardless of
11		·		size, and woody plants less than 3.2	8 ft tall.	
12				Woody vines – All woody vines grea	ter than 3.	28 ft in
12	125	- Total Cov	or	height.		
Weedy Vine Stratum (Plat size) 20 ft	125	- 10tai Cov		Hydrophytic Vegetation Present?	Yes 🖌 N	0
				, , , , , , , , , , , , , , , , , , , ,		
1						
2.		·				
3						
4		<u> </u>				
	0	= Total Cov	er			
Remarks: (Include photo numbers here or on a separate	e sheet.)					

Sampling Point: W-JJB-04; PEM-1

Depen	Matrix	to the t	lepth needed to d Redo:	iocu x Fea	ment the	indicator or co	nfirm the ab	sence of indicato	rs.)
(inches)	Color (moist)	%	Color (moist)	<u>%</u>	Type ¹		Textu	re	Remarks
0 - 4	2 5Y 4/1	100		· <u>~</u>	<u>-19pc</u>		Clay Lo	am	Remarks
4 - 20	2.5Y 4/1	92	7.5YR 4/4	8		M/PI	Silty Clay	Loam	
. 20				. <u> </u>			Sincy endy		
		·		· —		·			
		·				·			
		·		· —		·			
		·		· —					
				· —	<u> </u>				
				· —					
				· —					
		·		· —		·		·	
		·		· —		·			
Tupo: C =	Concontration D -	Doplati	on RM - Roduco		triv MC -	- Macked Sand	Grains 21 o	cation: DL - Doro	Lipipg M - Matrix
iype: C = 1	Indicators:	Depieti	טוו, אועו – אפטעכפו	u ivia	u IX, IVIS =	- ividskeu Safiù	aidilis. 4L0	Indicators for Dr	collematic Hydric Soile3:
iyuric Soll			Dobastica		Curford		A 140D)	mulcators for Pr	oblematic Hydric Solis ³ :
Histoso	n (AT) Sninedon (A2)		Thin Dark St	rfac) 9361 uu م (201 /۱ D		n 149B))	2 cm Muck (/	A10) (LRR K, L, MLRA 149B)
Black H	listic (A3)			w Mi	neral (F1) (I RR K. I)	,	Coast Prairie	e Redox (A16) (LRR K, L, R)
Hydrog	gen Sulfide (A4)		Loamy Gleve	ed M	atrix (F2)) (Entrit, E)		5 cm Mucky	Peat or Peat (S3) (LRR K, L, R)
Stratifie	ed Layers (A5)		Depleted Ma	atrix	(F3)			Dark Surface	e (S7) (LRR K, L)
Deplete	ed Below Dark Surf	ace (A1	1) Redox Dark	Surfa	ace (F6)			Polyvalue Be	
Thick D	ark Surface (A12)		Depleted Da	ırk Sı	urface (F	7)		ITIII Dark Su	Andre (59) (LRR N, L)
Sandy I	Mucky Mineral (S1)		Redox Depr	essic	ons (F8)				nese Masses (F12) (LKK K, L, K)
Sandy	Gleyed Matrix (S4)							Mesic Spodie	(TA6) (MI RA 144A, 145, 149B)
Sandy l	Redox (S5)							Red Parent N	Material (F21)
Strippe	ed Matrix (S6)							Very Shallow	/ Dark Surface (TF12)
Dark Si	urface (S7) (LRR R, I	MLRA 14	l9B)					Other (Expla	in in Remarks)
Dark St				rolo		pe present, unle	ss disturbed	l or problematic.	
Indicators	s of hydrophytic veg	getation	and wetland hyd		gy must i				
Indicators	of hydrophytic veg Layer (if observed)	getation :	and wetland hyd		gy must i			•	
Indicators	s of hydrophytic veg Layer (if observed) Type:	getation :	and wetland hyd None		gy must i	Hydric Soil Pre	sent?		Yes 🖌 No
Indicators	s of hydrophytic veg Layer (if observed) Type: Depth (inches):	getation :	and wetland hyd None	<u>.</u>	gy must i	Hydric Soil Pre	sent?		Yes _ 🗸 No
Indicators Restrictive	s of hydrophytic ve _s Layer (if observed) Type: Depth (inches):	getation :	and wetland hyd None	-	gy must r	Hydric Soil Pre	sent?	· · · · · · · · · · · · · · · · · · ·	Yes No
Indicators Restrictive	s of hydrophytic veg Layer (if observed) Type: Depth (inches):	getation : 	and wetland hyd None	<u>-</u>	gy must i	Hydric Soil Pre	sent?	· · · · · · · · · · · · · · · · · · ·	Yes _ 🖌 No
emarks:	of hydrophytic veg Layer (if observed) Type: Depth (inches):	getation : 	and wetland hyd None	<u>-</u>	gy must r	Hydric Soil Pre	sent?		Yes _ 🖌 No
ndicators estrictive emarks:	i of hydrophytic veg Layer (if observed) Type: Depth (inches):	getation : 	and wetland hyd None		gy must r	Hydric Soil Pre	sent?		Yes _ 🖌 No
estrictive	i of hydrophytic ve _i Layer (if observed) Type: Depth (inches):	getation : 	and wetland hyd None	-	gy must r	Hydric Soil Pre	sent?		Yes _ 🖌 No
estrictive	i of hydrophytic veg Layer (if observed) Type: Depth (inches):	getation : 	and wetland hyd	-	gy must r	Hydric Soil Pre	sent?		Yes _ 🖌 No
estrictive	i of hydrophytic veş Layer (if observed) Type: Depth (inches):	getation : 	and wetland hyd	-	gy must t	Hydric Soil Pre	sent?		Yes _ 🖌 No
estrictive	s of hydrophytic veg Layer (if observed) Type: Depth (inches):	getation : 	and wetland hyd None		gy must t	Hydric Soil Pre	sent?		Yes _ 🖌 No
estrictive	s of hydrophytic veg Layer (if observed) Type: Depth (inches):	getation : 	and wetland hyd None			Hydric Soil Pre	sent?		Yes _ 🖌 No
emarks:	s of hydrophytic veg Layer (if observed) Type: Depth (inches):	getation : 	and wetland hyd	-		Hydric Soil Pre	sent?		Yes _ 🖌 No
emarks:	s of hydrophytic veg Layer (if observed) Type: Depth (inches):	getation : 	and wetland hyd	-		Hydric Soil Pre	sent?		Yes _ 🖌 No
emarks:	s of hydrophytic veg Layer (if observed) Type: Depth (inches):	getation : 	and wetland hyd	- 		Hydric Soil Pre	sent?		Yes _ 🖌 No
estrictive	s of hydrophytic veş Layer (if observed) Type: Depth (inches):	getation : 	and wetland hyd			Hydric Soil Pre	sent?		Yes _ 🖌 No
eestrictive	s of hydrophytic veş Layer (if observed) Type: Depth (inches):	getation : 	and wetland hyd	-		Hydric Soil Pre	sent?		Yes _ 🖌 No
Restrictive	s of hydrophytic veş Layer (if observed) Type: Depth (inches):	getation : 	and wetland hyd	- -	gy must i	Hydric Soil Pre	sent?		Yes _ 🖌 No
Restrictive	s of hydrophytic veş Layer (if observed) Type: Depth (inches):	getation : 	and wetland hyd	- - -	gy must t	Hydric Soil Pre	sent?	· · · · · · · · · · · · · · · · · · ·	Yes _ 🖌 No
Restrictive	s of hydrophytic veş Layer (if observed) Type: Depth (inches):	getation : 	and wetland hyd			Hydric Soil Pre	sent?		Yes _ 🖌 No
Indicators Restrictive	s of hydrophytic veş Layer (if observed) Type: Depth (inches):	getation :	and wetland hyd	-		Hydric Soil Pre	sent?		Yes _ 🖌 No
Indicators Restrictive	s of hydrophytic veş Layer (if observed) Type: Depth (inches):	getation : 	and wetland hyd	-		Hydric Soil Pre	sent?	· · · · · · · · · · · · · · · · · · ·	Yes _ 🖌 No
estrictive	s of hydrophytic veş Layer (if observed) Type: Depth (inches):	getation : 	and wetland hyd	-		Hydric Soil Pre	sent?		Yes _ 🖌 No

Hydrology Photos



Soil Photos





Project/Site: East Point			City/County:	Sharon Spr	rings, Sch	oharie		Sampling Date:	2019-May-01
Applicant/Owner: Nex	tEra					State: NY		Sampling Point: \	N-JJB-04; PUB-1
Investigator(s): Jake Br	rillo, Val Mitcl	hell			Section,	Township, Ra	ange:		
Landform (hillslope, terra	ace, etc.):	Depression		Local	relief (cor	ncave, convex	, none):	Concave	Slope (%): 0-1
Subregion (LRR or MLRA)): LRR R				Lat: 42.	776669	Long:	-74.579049	Datum: WGS84
Soil Map Unit Name:								NWI classific	ation:
Are climatic/hydrologic c	onditions on	the site typical	for this time	of year?	Y	es 🟒 No _	(If no	o, explain in Remai	rks.)
Are Vegetation, So	oil,	or Hydrology	significant	ly disturbed	d?	Are "Normal	Circums	tances" present?	Yes 🟒 No
Are Vegetation, So	oil,	or Hydrology	naturally p	problematic	?	(If needed, ex	plain ar	y answers in Rema	arks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Hydric Soil Present?	Yes 🖌 No Yes 🏑 No	Is the Sampled Area within a Wetland?	Yes / No
Wetland Hydrology Present?	Yes No	If yes, optional Wetland Site ID:	W-JJB-04
Remarks: (Explain alternative procedur	es here or in a separate re	port)	
TRC covertype is PUB.			

Wetland Hydrology Indicators:					
Primary Indicators (minimum of on	e is required; check all th	iat apply)		Secondary Indicators (minimum of two r	equired)
 ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	Water-S Aquatic Marl De Hydroge Oxidized	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 			
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Sui 	Presenc Recent I Thin Mu gery (B7) Other (E rface (B8)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) ✓ FAC-Neutral Test (D5) 	()		
Field Observations:					
Surface Water Present?	Yes 🖌 No	Depth (inches):	18		
Water Table Present?	Yes 🟒 No	Depth (inches):	0	Wetland Hydrology Present? Yes	🖌 No
Saturation Present?	Yes 🟒 No	Depth (inches):	0	_	
(includes capillary fringe)					
Describe Recorded Data (stream ga	auge, monitoring well, ae	rial photos, previous ins	pections), if	available:	

Sampling Point: W-JJB-04; PUB-1

Tree Stratum (Dict size: 20 ft.)	Absolute	Dominant	Indicator	Dominance Test worksheet:		
	% Cover	Species?	Status	Number of Dominant Species That	1	(A)
1				Are OBL, FACW, or FAC:		
2				Total Number of Dominant Species	⁵ 1	(B)
3				Across All Strata:		
4				Percent of Dominant Species That	100	(A/B)
5				Provalence Index worksheet:		
6				Total % Cover of	Multiply	Bve:
7				OBL species 10	<u>v 1 =</u>	10
	0	= Total Cove	r	FACW species 0	x2=	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species 0	- ^2 _	0
1				FACU species 0	×4=	0
2				UPL species 0	×5=	0
3				Column Totals 10	(A)	10 (B)
4				$\frac{10}{10}$		10 (D)
5					!	
6				Hydrophytic vegetation indicators:	Vagatation	
7				- 1- Rapid Test for Hydrophydic	vegetation	
	0	= Total Cove	r	\checkmark 2 - Dominance fest is $>30\%$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				\checkmark 3 - Prevalence index is \leq 3.0	c1 (Drovido	cupporting
1. <i>Typha angustifolia</i>	10	Yes	OBL	data in Remarks or on a separate s	s' (Floviue : heet)	supporting
2				Problematic Hydrophytic Veg	etation ¹ (Ex	nlain)
3.				¹ Indicators of hydric soil and wetla	nd hydrolog	ev must be
4.				present, unless disturbed or proble	ematic	5) 11451 80
5.				Definitions of Vegetation Strata:		
6.				Tree – Woody plants 3 in. (7.6 cm)	or more in o	diameter at
7.				breast height (DBH), regardless of	height.	
8.				Sapling/shrub – Woody plants less	than 3 in. D	OBH and
9.				greater than or equal to 3.28 ft (1 r	n) tall.	
10.				Herb – All herbaceous (non-woody) plants, reg	gardless of
11.				size, and woody plants less than 3.	28 ft tall.	
12.				Woody vines – All woody vines grea	ater than 3.	28 ft in
	10	= Total Cove	r	height.		
Woody Vine Stratum (Plot size: <u>30 ft</u>)		-		Hydrophytic Vegetation Present?	Yes 🟒 N	lo
1.						
2.						
3.						
4.						
	0	= Total Cove	r			
Remarks: (Include photo numbers here or on a separate	sheet)			<u>}</u>		
	Sheedy					

	<u>%</u> Color (moist) <u>%</u> Type¹	Loc ² Texture	Remarks
·				
			- <u> </u>	
be: C = Concentration, D = D	Depletion, RM = Redu	ced Matrix, MS =	= Masked Sand Grains. ² l	location: PL = Pore Lining, M = Matrix.
ric Soil Indicators:				Indicators for Problematic Hydric Soils ³ :
Black Histic (A3) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Surfar Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, M	Loamy M Loamy GI Depleted ce (A11) Redox Da Depleted Redox De	ucky Mineral (F1 eyed Matrix (F2) Matrix (F3) rk Surface (F6) Dark Surface (F7) pressions (F8)) (LRR K, L)	 Coast Prairie Redox (A16) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
dicators of hydrophytic vege	etation and wetland l	nydrology must l	pe present, unless disturb	ed or problematic.
strictive Layer (if observed):	None		Hydric Soil Present?	Ves / No
Depth (inches):	None		Hydric Son Tresent:	
narks:				



Project/Site: East Poin	ıt	Cit	y/County: Sharon Spri	ings, Schoharie		Sampling Date: 2019-May-01		
Applicant/Owner: N	extEra			State: N	IY	Sampling Point:	W-JJB-04; UPL-1	
Investigator(s): Jake Brillo, Val Mitchell Section, Township, Range:								
Landform (hillslope, terrace, etc.): Agricultural Field Local relief (concave, convex, none): Concave,						Convex	Slope (%): 2-5	
Subregion (LRR or MLRA): LRR R Lat: 42.7764639042 Long: -74.5792					-74.5792501959	Datum: WGS84		
Soil Map Unit Name:	llion and Ap	pleton silt loams, 3	to 8 percent slopes			NWI classifi	cation:	
Are climatic/hydrologic	c conditions o	n the site typical for	this time of year?	Yes 🟒 N	No (If n	o, explain in Rema	irks.)	
Are Vegetation 🟒,	Soil,	or Hydrology	significantly disturbed	l? Are "Nor	mal Circums	tances" present?	Yes 🟒 No	
Are Vegetation,	Soil,	or Hydrology	naturally problematic	? (If neede	d, explain ar	ny answers in Rem	iarks.)	

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒							
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒					
Wetland Hydrology Present?	Yes No 🟒	If yes, optional Wetland Site ID:						
Remarks: (Explain alternative procedures here or in a separate report)								
TRC covertype is UPL. Circumstances are no	t normal due to agricultur	ral activities						

Wetland Hydrology Indicators:		
Primary Indicators (minimum of on	e is required; check all that apply)	Secondary Indicators (minimum of two required)
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living R	Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soi Thin Muck Surface (C7) Other (Explain in Remarks) rface (B8)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present?	Yes No 🟒 Depth (inches):	
Water Table Present?	Yes No Depth (inches):	Wetland Hydrology Present? Yes No
Saturation Present?	Yes No _	
(includes capillary fringe)		
Describe Recorded Data (stream ga	auge, monitoring well, aerial photos, previous inspe	ections), if available:

Sampling Point: W-JJB-04; UPL-1

	Absolute	Dominant	Indicator	Dominance Test works	heet:		
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)	% Cover	Species?	Status	Number of Dominant	Species That	0	(A)
1.				Are OBL, FACW, or FAC	:		(A)
2.		·		Total Number of Domi	nant Species	1	(B)
3.		·		Across All Strata:			(8)
4.		·		Percent of Dominant S	pecies That	0	(A/B)
5.		·		Are OBL, FACW, or FAC	:		
6.				Prevalence Index work	sheet:		_
7.				Total % Cover	<u>of:</u>	Multiply	<u>' By:</u>
· · · · · · · · · · · · · · · · · · ·	0	= Total Cov	er	OBL species	0	x 1 =	0
Sapling/Shrub Stratum (Plot size: 15 ft)	-	-		FACW species	0	x 2 =	0
1.				FAC species	0	x 3 =	0
2		· ·		FACU species	0	x 4 =	0
3				UPL species	85	x 5 =	425
4				Column Totals	85	(A)	425 (B)
		·		Prevalence li	ndex = B/A =	5	
о. 		·		Hydrophytic Vegetatio	n Indicators:		
7		<u> </u>		1- Rapid Test for	Hydrophytic \	/egetatior	n
/·	0	- Total Cav	or	2 - Dominance Te	st is > 50%		
Llauk Churchurg (Dick sizes 5 ft)	0	- 10tal COV	er	3 - Prevalence Inc	dex is $\leq 3.0^1$		
Herb Stratum (Plot Size:5 IL)	05	Vec		4 - Morphologica	Adaptations	¹ (Provide	supporting
1. <u>Zea mays</u>	65	res	UPL	· data in Remarks or on	a separate sh	neet)	
2		·		Problematic Hydi	ophytic Vege	tation ¹ (E	xplain)
3		·		¹ Indicators of hydric so	oil and wetlan	d hydrolo	ogy must be
4		·		present, unless disturb	ed or proble	matic	
5		·		Definitions of Vegetation	on Strata:		
6				Tree – Woody plants 3	in. (7.6 cm) oi	r more in	diameter at
7				breast height (DBH), re	gardless of h	eight.	
8				Sapling/shrub – Wood	/ plants less t	han 3 in.	DBH and
9		·		greater than or equal t	03.28π(1m) tall.	
10				Herb – All nerbaceous	(non-woody)	plants, re	gardless of
11					du vinos gros	o It lall.	29 ft in
12				height	uy villes grea		0.20 IT III
	85	= Total Cov	er		D (D)	,	
Woody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic Vegetatic	on Present?	res I	NO _
1							
2							
3							
4							
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a separate	sheet)						
Remarks. (include photo numbers here of on a separate	sheet.j						

-12 10YR 4/2 100 Loam -11 -11 -11 -11 -12 -11 -11 -11 -11 -11 -11 -11 -12 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11 -11	ches) Color (moist)	% Color (moist)	<u>% Type¹ Loc²</u>	Texture	Remarks
Image: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils ² : Histosol (A1) Polyvalue Below Surface (S9) (LRR R, MLRA 149B) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Depleted Matrix (F2) Depleted Below Dark Surface (A11) Redox Dark Surface (F5) Sandy Mucky Mineral (F1)	- 12 10YR 4/2	100		Loam	
Image: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators: Histosol (A1) Polyvalue Below Surface (S9) (LRR R, MLRA 149B) Jack Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Phydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) Depleted Dark Surface (F6) Thick Dark Surface (A11) Redox Depressions (F8) Sandy Redox (S5) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S6) Depleted Dark Surface (F7) Sandy Redox (S5) Below Depressions (F8) Stratified Matrix (S6) Redox Depressions (F8) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (T7) Stripped Matrix (S6) Redox Depressions (F8) Stripped Matrix (S6) Redox Depressions (F8) Matrix (S6) Red Parent Material (F21) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (T712) Stripped Matrix (S6) Red Parent Material (F21) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (T712) Type: None Hydric Soil Present? Yes No Deptht (inches):		·			
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils*: Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (LRR K, L) Popted Below Dark Surface (A11) Redox Dark Surface (F6) Depleted Boark Surface (A11) Redox Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Depleted Dark Surface (F7) Stratified Matrix (S6) Red Parent Material (F2) Dark Surface (S7) (LRR R, MLRA 149B) Red Parent Material (F2) Stripped Matrix (S6) Red Parent Material (F2) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Dark Surface (S7) Thin Dark Surface (TF12) Sandy Redox (S5) Red Parent Material (F2) Stripped Matrix (S6) Red Parent Material (F2) Dark Surface (S7) (LRR R, MLRA 149B) Uvery Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Uvery Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Uvery Shallow Dark					
be: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. indicators: Indicators for Problematic Hydric Soils*: Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, MLRA 149B) Black Histic (A3) Loamy Gleyed Matrix (F2) Coast Prairie Redox (A16) (LRR K, L, R) Black Histic (A3) Depleted Matrix (F3) Dark Surface (S3) (LRR K, L) Depleted Below Dark Surface (A11) Redox Dark Surface (F7) Inno-Manganese Masses (F12) (LRR K, L) Sandy Mucky Mineral (S1) Redox Depressions (F8)					
Depleted Depleteion, RM = Reduced Matrix, MS = Masked Sand Grains. 2Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils?: Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Stratified Layers (A5) Depleted Matrix (F2) Dark Surface (S7) (LRR K, L) Depleted Below Dark Surface (A11) Redox Dark Surface (F7) Thin Dark Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Redox (S5) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Very Shallow Dark Surface (TF12) Sandy Mucky Mineral (S1) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) Iterators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type: None Hydric Soil Present? Yes No Depth (inches): None Hydric Soil Present? Yes					
be: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. iric Soil Indicators: Indicators for Problematic Hydric Soils*: Histosol (A1) Polyvalue Below Surface (S9) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, RL A 149B) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Polyvalue Below Surface (S8) (LRR K, L) Depleted Below Dark Surface (A11) Redox Dark Surface (F7) Iron-Manganese Masses (F12) (LRR K, L) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Gleyed Matrix (S4) Red Parent Material (F21) Very Shallow Dark Surface (T12) Stripped Matrix (S6) Red Parent Material (F21) Very Shallow Dark Surface (T12) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (T12) Other (Explain in Remarks) icators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type: None Hydric Soil Present? YesNo _/					
Des: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils?: Histosol (A1) Polyvalue Below Surface (S9) (LRR R, MLRA 149B) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thic Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Gleyed Matrix (S6)					
be: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. ric Soil Indicators: Indicators for Problematic Hydric Soils?: Histic Spipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Stripped Matrix (S6) Red Parent Material (F21) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Red Parent Material (F21) Uron-Manganese Masses (F12) (MLRA 144A, 145, 149B) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Hydric Soil Present? Yery Shallow Dark Surface (TF12) Depleted Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) Ket Soil Present?					
Here: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. 2 Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils ³ : Histic Soil (A1) Polyvalue Below Surface (S9) (LRR R, MLRA 149B) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Loamy Chepressions (F8) Sandy Redox (S5) Red Parent Material (F21) Straffeed (S7) (LRR R, MLRA 149B) Wesic Spodic (TA6) (MLRA 144A, 145, 149B) Straffee (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Sandy Redox (S5) Red Parent Material (F21) Straffee (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Cators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. rictive Layer (if observed): Type: Type: None Depth (inches): Hydric Soil Present?					
ric Soil Indicators: Indicators for Problematic Hydric Soils ³ : Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Redox (S5) Red Parent Material (F21) Stripped Matrix (S6) Red Parent Material (F21) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Stripped Matrix (S6) Red Parent Material (F21) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Polyvalue Below Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Polyvalue Below Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Polyvalue Selow Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Polyvalue Selow Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Polyvalue Selow Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Polyvalue Selow Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Polyvalue Selow Surface (e: C = Concentration, D = De	epletion, RM = Reduced	d Matrix, MS = Masked Sand G	rains. ² Location: PL	= Pore Lining, M = Matrix.
Histosol (A1)Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histic Epipedon (A2)Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3)Loamy Mucky Mineral (F1) (LRR K, L)5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4)Loamy Gleyed Matrix (F2)Depleted Matrix (F3)Depleted Below Dark Surface (A11)Redox Dark Surface (F6)Thin Dark Surface (A12)Depleted Dark Surface (F7)Thin Dark Surface (S9) (LRR K, L)Depleted Matrix (S4)Depleted Matrix (S4)Nedox Depressions (F8)Nedox CS5Nedox CS5Nedox CS5Needox (S5)Needox CS5Needox CS5Needox CS5Needox CS5Needox CS5Needox CS7) (LRR R, MLRA 149B)Needox CS7)Needox CS7) (LRR R, MLRA 149B)Needox CS7) (LRR R, MLRA 149B)Needox CS7)Needox CS7)	ric Soil Indicators:			Indicators	s for Problematic Hydric Soils ³ :
Depth (inches):	Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Surface Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5)	Inih Dark Su Loamy Muck Loamy Gleye Depleted Ma e (A11) Redox Dark S Depleted Dar Redox Depre	y Mineral (F1) (LRR K, MLRA 149B) y Mineral (F1) (LRR K, L) ed Matrix (F2) ttrix (F3) Surface (F6) rk Surface (F7) essions (F8)	Coast 5 cm l Dark 9 Polyva Thin D Iron-N Piedm Nesic Red P	Prairie Redox (A16) (LRR K, L, R) Mucky Peat or Peat (S3) (LRR K, L, R) Surface (S7) (LRR K, L) alue Below Surface (S8) (LRR K, L) Dark Surface (S9) (LRR K, L) Manganese Masses (F12) (LRR K, L, R) nont Floodplain Soils (F19) (MLRA 149B) Spodic (TA6) (MLRA 144A, 145, 149B) arent Material (F21)
arks:	Control Matrix (S6) Dark Surface (S7) (LRR R, MLI Cators of hydrophytic veget, rictive Layer (if observed):	RA 149B) ation and wetland hyd	rology must be present, unless	Very S Other s disturbed or proble	hallow Dark Surface (TF12) (Explain in Remarks) matic.
harks:	icators of hydrophytic veget. trictive Layer (if observed): Type:	RA 149B) ation and wetland hyd None	rology must be present, unless	Very S Other s disturbed or proble sent? Yes	hallow Dark Surface (TF12) (Explain in Remarks) matic. No



Project/Site: East Poin	ıt	City	//County: Sharon Spri	ings, Schoharie		Sampling Date	: 2019-May-01	
Applicant/Owner: N	extEra			State: N	Y	Sampling Point:	W-JJB-04; UPL-2	
Investigator(s): Jake	Brillo, Val Mite	chell		Section, Townshi	p, Range:			
Landform (hillslope, te	rrace, etc.):	Agricultural Field	Local r	elief (concave, coi	nvex, none):	Convex	Slope (%): 2-5	
Subregion (LRR or MLF	RA): LRR	R		Lat: 42.77654947	772 Long:	-74.5795967337	Datum: WGS84	
Soil Map Unit Name:	llion and Ap	pleton silt loams, 3 t	o 8 percent slopes			NWI classifi	cation:	
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	? Are "Nori	mal Circums	tances" present?	Yes 🟒 No	
Are Vegetation,	Soil,	or Hydrology	naturally problematic	? (If neede	d, explain ar	y answers in Rem	iarks.)	

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒								
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒						
Wetland Hydrology Present?	Yes No	lf yes, optional Wetland Site ID:							
Remarks: (Explain alternative procedures here or in a separate report)									
TRC covertype is UPL. Circumstances are not	normal due to agricultur	al activities							

Wetland Hydrology Indicators:				
Primary Indicators (minimum of on	e is required; check all that	apply)	Secondary Indicators (minimum of	<u>f two required)</u>
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	Water-Stai Aquatic Fa Marl Depo Hydrogen Oxidized R	ned Leaves (B9) una (B13) sits (B15) Sulfide Odor (C1) hizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Ima 	agery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Sur 	Presence of Recent Iro Thin Muck gery (B7) Other (Exp rface (B8)	of Reduced Iron (C4) n Reduction in Tilled Soils (C6) Surface (C7) lain in Remarks)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5))
Field Observations:				
Surface Water Present?	Yes No 🟒	Depth (inches):		
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present?	Yes No 🟒
Saturation Present?	Yes No 🟒	Depth (inches):		
(includes capillary fringe)			-	
Describe Recorded Data (stream ga	auge, monitoring well, aeria	l photos, previous inspections), if a	available:	

Sampling Point: W-JJB-04; UPL-2

Tree Stratum (Plot size: <u>30 ft</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work	sheet: Species That		
1		openeor	otatao	Are OBL, FACW, or FAC	C:	0	(A)
2				Total Number of Dom	inant Species		
2				Across All Strata:		1	(B)
				Percent of Dominant	Species That	0	(A/P)
4				Are OBL, FACW, or FAC	C:		(A/ B)
s				Prevalence Index worl	ksheet:		
o				- <u>Total % Cove</u>	<u>r of:</u>	<u>Multiply</u>	<u>′ By:</u>
7		Tabal Car		- OBL species	0	x 1 =	0
Cardina (Charden Charden and Distance AF ft.)	0		er	FACW species	0	x 2 =	0
Sapling/Shrub Stratum (Plot size:15 ft)				FAC species	0	x 3 =	0
1				- FACU species	0	x 4 =	0
2				- UPL species	85	x 5 =	425
3				- Column Totals	85	(A)	425 (B)
4				- Prevalence	Index = B/A =	5	
5					n Indicators:		
6				1- Rapid Test for	Hydrophytic \	/egetatio	n
7				- 2 Dominance T	$\frac{1}{2} = \frac{1}{2} = \frac{1}$	regetation	
	0	= Total Cov	er	2 - Dominance in	dov ic = 2.01		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				5 - Prevalence in	$dex is \leq 5.0^{\circ}$	1 (Duras viala	
1. Zea mays	85	Yes	UPL	4 - Morphologica	n Adaptations	' (Provide	supporting
2.				Problematic Hyd	ra separate si Irophytic Vogo	tation1 (E	volain)
3.				Froblematic Hyd	ail and wotlan		
4.					bed or proble	u Hyuron matic	bgy must be
5.				Definitions of Vogetati	ion Strata:	matic	
6	;;			Tree Woody plants 2	$\frac{1011311311313}{1011311313131}$	r moro in	diameter at
7				breast beight (DBH) r	egardless of h	r ποre π ⊳iσht	ulameter at
۰ ٥				- Sanling/shrub Wood	ly plants loss t	han 3 in	DBH and
0				greater than or equal	to 3 28 ft (1 m	nan 5 m. 1) tall	DBITAIIG
9				Herb – All herbaceous	(non-woody)	nlants re	gardless of
10				size, and woody plant	s less than 3.2	8 ft tall.	.gui uless ol
11				Woody vines – All woo	ody vines grea	ter than ^s	3.28 ft in
12		<u> </u>		height.			
	85	= Total Cov	er	Hydrophytic Vegetati	on Present?	Voc	
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)				Hydrophytic vegetati	on Fresents	165	NO <u>/</u>
1				_			
2				_			
3				_			
4							
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a	separate sheet.)						

40	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks
- 12	10YR 3/2	100					Loam		
				·					
		·							
				·					
		·							
·		·					·		
		·		·					
		·							
e: C = C	oncentration. D =	Depletic	on. RM = Reduced	Matri	x. MS =	Masked Sand G	rains. ² Locatio	n: PL = P	ore Lining. M = Matrix.
ric Soil I	ndicators:				,		India	ators fo	r Problematic Hydric Soils ³ :
listosol	(A1)		Polyvalue Be	ow Su	rface (S	8) (LRR R, MLRA	149B)2	2 cm Muo	ck (A10) (LRR K, L, MLRA 149B)
Histic Ep	oipedon (A2)		Thin Dark Su	face (S9) (LRR	R, MLRA 149B)	(Coast Pra	iirie Redox (A16) (LRR K, L, R)
Jack His Judroge	SUC (A3) on Sulfide (A4)		Loamy Gleve	/ Mine d Matr	rai (F1) (rix (F2)	LKK K, L)	5	5 cm Muo	cky Peat or Peat (S3) (LRR K, L, R)
Stratifie	d Lavers (A5)		Depleted Ma	trix (F3	3)		[Dark Surf	face (S7) (LRR K, L)
Depleter	d Below Dark Surfa	ace (A11) Redox Dark S	urface	é (F6)		H	olyvalue	Below Surface (S8) (LRR K, L)
hick Da	irk Surface (A12)		Depleted Dar	k Surf	ace (F7)		· I	nin Dari ron Man	
andy M	lucky Mineral (S1)		Redox Depre	ssions	; (F8)		I		t Eloodolain Soils (E19) (MI PA 1/98)
Sandy G	leyed Matrix (S4)						י ۱	Aesic Spi	odic (TA6) (MI RA 144A, 145, 149B)
Sandy R	edox (S5)						·	Red Pare	nt Material (F21)
Stripped	l Matrix (S6)							/erv Shal	low Dark Surface (TF12)
Dark Su	rface (S7) (LRR R, N	ILRA 14	9B)				(Other (Ex	plain in Remarks)
icators (of hydrophytic veg	etation	and wetland hydi	ology	must be	e present, unles	s disturbed or p	roblema	tic.
	ayer (if observed):								
rictive L			None			Hydric Soil Pre	sent?	Yes	No⁄_
rictive L	Туре:								
rictive L	Type: Depth (inches):								
arks:	Type: Depth (inches):								
arks:	Type: Depth (inches):								
arks:	Type: Depth (inches):								
arks:	Type: Depth (inches):								
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harks:	Type: Depth (inches):								
narks:	Type: Depth (inches):								



Project/Site: East Point	City/County: Sharon Springs, Schoharie	Sampling Date: 201	9-May-02					
Applicant/Owner: NextEra	State: NY	Sampling Point: W-JJE	8-06; PUB-1					
Investigator(s): Jake Brillo, Val Mitchell	Section, Township, Range:							
Landform (hillslope, terrace, etc.): Hilltop	Local relief (concave, convex, none)	Concave	Slope (%): 0-1					
Subregion (LRR or MLRA): LRR R	Lat: 42.7721135645 Long	-74.5823448245	Datum: WGS84					
Soil Map Unit Name: Mohawk and Honeoye	silt loams, 10 to 20 percent slopes, eroded	NWI classification	n:					
Are climatic/hydrologic conditions on the site typical for this time of year? Yes 🖌 No (If no, explain in Remarks.)								
Are Vegetation, Soil, or Hydrold	ogy significantly disturbed? Are "Normal Circums	stances" present?	Yes 🟒 No					
Are Vegetation, Soil, or Hydrold	ogy naturally problematic? (If needed, explain a	ny answers in Remarks.)					

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No _	Is the Sampled Area within a Wetland?	Yes 🯒 No _
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-JJB-06
Remarks: (Explain alternative procedur	es here or in a separate rep	ort)	
TRC covertype is PUB.			
51			

Wetland Hydrology Indicators:		
Primary Indicators (minimum of or	<u>e is required; check all that apply)</u>	Secondary Indicators (minimum of two required)
 ✓ Surface Water (A1) ✓ High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	 ✓ Water-Stained Leaves (B9) ✓ Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) 	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	 Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) 	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Water Table Present?	Yes No Depth (inches): Yes No Depth (inches):	Wetland Hydrology Present? Yes No
Saturation Present?	Yes No Depth (inches):	_
(includes capillary fringe)		
Describe Recorded Data (stream g	auge, monitoring well, aerial photos, previous inspections), if	available:
Remarks:		

Sampling Point: W-JJB-06; PUB-1

Tree Stratum (Plot size: 30 ft)	Absolute	Dominant	Indicator	Dominance Test worksheet:		
	% Cover	Species?	Status	Number of Dominant Species That	1	(A)
1				Are OBL, FACW, or FAC:		
2				Across All Strata	1	(B)
3				Percent of Dominant Species That		
4				- Are OBL, FACW, or FAC:	100	(A/B)
5				Prevalence Index worksheet:		
6				- <u>Total % Cover of:</u>	Multiply F	<u>By:</u>
7				OBL species 0	x 1 =	0
	0	= Total Cov	er	FACW species 7	x 2 =	14
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species 0	x 3 =	0
1. <u>Cornus alba</u>	5	Yes	FACW	FACU species 0	x 4 =	0
2. <u>Solidago gigantea</u>	0	No	FACW	UPL species 0	x 5 =	0
3				Column Totals 7	(A)	14 (B)
4				Prevalence Index = B/A =	_2	<u> </u>
5				Hydrophytic Vegetation Indicators:		
6				1 - Rapid Test for Hydrophytic	/egetation	
7				2 - Dominance Test is >50%	6800000	
	5	= Total Cov	er	\checkmark 3 - Prevalence Index is < 3.0 ¹		
Herb Stratum (Plot size: <u>5 ft</u>)				4 - Morphological Adaptations	1 (Provide s	supporting
1. <i>Solidago gigantea</i>	2	No	FACW	- data in Remarks or on a separate sh	ieet)	apporting
2				Problematic Hydrophytic Vege	tation ¹ (Ex	plain)
3				¹ Indicators of hydric soil and wetlan	d hydrolog	y must be
4				present, unless disturbed or proble	matic	
5				Definitions of Vegetation Strata:		
6				Tree – Woody plants 3 in. (7.6 cm) o	r more in d	liameter at
7				breast height (DBH), regardless of h	eight.	
8				Sapling/shrub – Woody plants less t	han 3 in. D	BH and
9				greater than or equal to 3.28 ft (1 m	ı) tall.	
10				Herb – All herbaceous (non-woody)	plants, reg	ardless of
11				size, and woody plants less than 3.2	.8 ft tall.	
12				Woody vines – All woody vines grea	ter than 3.2	28 ft in
	2	= Total Cov	er	neight.		
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)				Hydrophytic Vegetation Present?	res 🟒 N	0
1						
2						
3.						
4.						
	0	= Total Cov	er			
Remarks: (Include photo numbers here or on a sepa	arate sheet.)			-		
1						

Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils? Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F2) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (F7) Thin Dark Surface (F6) Sandy McKy Mineral (F1) Redox Dark Surface (F7) Sandy McKy Mineral (F1) Redox Depressions (F8) Sandy McKy Mineral (F1) Redox Depressions (F8) Sandy McKy Mineral (F1) Redox Depressions (F8) Sandy McKy Redox (S5) Red Parent Material (F21) Stripped Matrix (S6) Oppleted Matrix (S1) Dark Surface (S7) (LRR R, MLRA 149B) Cother (Explain in Remarks) Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. testrictive Layer (if observed): None Type: None Depth (inches): Hydric Soil Present? Vest None Depth (inches): Hydric Soil Present?	-	Color (moist)	<u>%</u>	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
rpe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. rdric Soil Indicators: Indicators for Problematic Hydric Soils?: , Histosol (A1)									
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. 2Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils?: Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Depleted Watrix (F3) Depleted Matrix (F3) Depleted Dark Surface (F6) Thin Dark Surface (S9) (LRR K, L) Thick Dark Surface (A11) Redox Depressions (F8) Sandy Rdex (S5) Depleted Dark Surface (F7) Straipped Matrix (S6) Red Parent Material (F21) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (T71) Stripped Matrix (S6) Red Parent Material (F21) Stripped Matrix (S6) Very Shallow Dark Surface (T712) Trype: None Type: None Deptht (inches): None Deptht (inches): None Type: None Park Yes No	· .						·		
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils ² : Histos Ol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Cast Prairie Redox (A16) (LRR K, L, MLRA 149B) Histos Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Cast Prairie Redox (A16) (LRR K, L, R) Black Histic (A3) Loamy Gleyed Matrix (F2)									
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils?: Histic Spipedon (A2) Thin Dark Surface (S8) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Yafrogen Sulfide (A4) Loamy Mucky Mineral (F1) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Redox (S5) Redox Depressions (F8) Stripped Matrix (S6) Red Parent Material (F21) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (F7) Stripped Matrix (S6) Red Parent Material (F21) Dark Surface (S7) Red Parent Material (F21) Dark Surface (T12) Very Shallow Dark Surface (F12) Dark Surface (F7) Red Parent Material (F21) Sandy Redox (S5) Red Parent Material (F21) Dark Surface (F7) Hydric Soil Present? Yery Shallow Dark Surface (F7) Very Shallow Dark Surface (F7) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (F12) Dark Surface (S7)			·		· —				
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. dric Soil Indicators: Indicators for Problematic Hydric Soils? Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histosol (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) Dark Surface (S7) (LRR K, L, R) Stratified Layers (A5) Depleted Matrix (F2)			·						
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Iric Soil Indicators: Indicators for Problematic Hydric Soils?: Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Loamy Mucky Mineral (F1) (LRR K, L) S cm Mucky Peat or Peat (S3) (LRR K, L) S cm Mucky Peat or Peat (S3) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) Depleted Bow Dark Surface (A11) Redox Dark Surface (F6) Polyvalue Below Surface (S8) (LRR K, L) Thick Dark Surface (A12) Depleted Dark Surface (F7) Thin Dark Surface (S9) (LRR K, L) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 144A, 145, 149E) Sandy Redox (S5) Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR M, MLRA 149B) Very Shallow Dark Surface (TF12) Dark Surface (S5) Hydric Soil Present? Yer S_Mall Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR M, MLRA 149B) Very Shallow Dark Surface (TF12) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR M, MLRA 149B) Very Shallow Dark Surface (<u> </u>		· — —						
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. dric Soil Indicators: Indicators for Problematic Hydric Soils?: Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histosol (A2)	· ·		·		· —		·		
pe: C - Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. -Location: PL = Pore Lining, M = Matrix. dric Soil Indicators: Indicators for Problematic Hydric Soils ³ : Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Polyvalue Below Surface (F7) Depleted Below Dark Surface (A12) Depleted Dark Surface (F7) Thin Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Polyvalue Below Surface (F7)									
Action Holdensit Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histocs (A1) Polyvalue Below Surface (S9) (LRR R, MLRA 149B) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Redox (S5) Redox Depressions (F8) Stripped Matrix (S6) Red Parent Material (F12) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) At surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Stripped Matrix (S6) Red Parent Material (F21) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Type: None Depth (inches): None Depth (inches): Hydric Soil Present? Yes No Narke Version Provide Soil Present? Yes No	pe: C = C hric Soil II	oncentration, D = D	epletio	n, RM = Reduced	d Ma	trix, MS =	Masked	Sand Grains. ² L	Location: PL = Pore Lining, M = Matrix.
Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (S9) Thin Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Redox (S5) Piedmont Floodplain Soils (F12) (LRR K, L, R) Stripped Matrix (S6) Wesic Spodic (TA6) (MLRA 149B) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Itrictive Layer (if observed): None Depth (inches): None	Histosol	(A1)		Polvvalue Be	low	Surface (S	8) (LRR R	. MLRA 149B)	
Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L)	Histic Ep	ipedon (A2)	-	Thin Dark Su	irface	e (S9) (LRR	R, MLRA	. 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Piedmont Floodplain Soils (F19) (MLRA 144, 145, 149E) Sandy Redox (S5) Red Parent Material (F21) Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) ✓ Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed): Type: None Depth (inches):	Black His	tic (A3)		Loamy Muck	y Mi	neral (F1)	(LRR K, L	1	5 cm Muchy Post or Post (S3) (I PD K I P)
Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Iron-Manganese Masses (F12) (LRR K, L, R K) Sandy Redox (S5) Red Parent Material (F21) Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) ✓ Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed): Type: None Depth (inches): Hydric Soil Present? Yes No Type:	Hydroge	n Sulfide (A4)	-	Loamy Gleye	ed Ma	atrix (F2)			Dark Surface (S7) (LRR K, L, K)
Depleted Below Dark Surface (A11) Redox Dark Surface (F6)	Stratified	l Layers (A5)	-	Depleted Ma	atrix ((F3)			Polyvaluo Bolow Surface (S8) (I PD K 1)
Thick Dark Surface (A12)	Depleted	Below Dark Surfa	ce (A11 <u>)</u>	Redox Dark	Surfa	ice (F6)			Thin Dark Surface (S0) (LKK K, L)
Sandy Mucky Mineral (S1)Redox Depressions (F8)Piedmont Floodplain Soils (F19) (MLRA 14 Sandy Gleyed Matrix (S4)Mesic Spodic (TA6) (MLRA 144A, 145, 149E Sandy Redox (S5)Red Parent Material (F21)Very Shallow Dark Surface (TF12)Very Shallow Dark Surface (TF12)VO Dark Surface (S7) (LRR R, MLRA 149B)Very Shallow Dark Surface (TF12)VO ther (Explain in Remarks)VO ther (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed): Type:NoneHydric Soil Present? Yes No Depth (inches):	Thick Da	rk Surface (A12)	-	Depleted Da	rk Su	ırface (F7)			Iron Manganese Masses (E12) (I PD K I D)
Sandy Gleyed Matrix (S4) Mesic Spodic (TA6) (MLRA 144A, 145, 149E Sandy Redox (S5) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed): 	Sandy M	ucky Mineral (S1)		Redox Depre	essio	ns (F8)			II OII-IVIAIIganese Masses (FT2) (LKK K, L, K) Diodmont Eloodolain Soils (E10) (MI DA 1400)
Sandy Redox (S5)	Sandy G	eyed Matrix (S4)							Mosis Spedis (TAS) (MLDA 144A, 14E, 149B)
Stripped Matrix (S6)	Sandy Re	edox (S5)							Mesic Spould (TAO) (MILRA 144A, 143, 149B)
	Stripped	Matrix (S6)							Red Parent Material (F21)
Idicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed): Type: None Depth (inches): Marks:	_ Dark Sur	face (S7) (LRR R, M	LRA 149	B)					 Very Shallow Dark Surface (1F12) Other (Explain in Remarks)
strictive Layer (if observed): Type: None Hydric Soil Present? Yes _ ✓ No Depth (inches): marks:	idicators o	of hydrophytic vege	tation a	nd wetland hyd	rolo	gy must be	e present	, unless disturbe	ed or problematic.
Type: None Depth (inches):	strictive L	ayer (if observed):							
Depth (inches): marks:		Туре:		None			Hydric S	oil Present?	Yes 🟒 No
marks:		Depth (inches):							
	marks:								
							·		
e to inundation a clear soil profile was unobtainable. Soils are assumed to be hydric.	e to inun	dation a clear soil p	orofile w	as unobtainable	e. Soi	ls are assi	umed to	be hydric.	
e to inundation a clear soil profile was unobtainable. Soils are assumed to be hydric.	e to inun	dation a clear soil p	orofile w	as unobtainable	e. Soi	ls are ass	umed to	be hydric.	
e to inundation a clear soil profile was unobtainable. Soils are assumed to be hydric.	e to inun	dation a clear soil p	profile w	as unobtainable	e. Soi	ls are assi	umed to	be hydric.	
e to inundation a clear soil profile was unobtainable. Soils are assumed to be hydric.	e to inun	dation a clear soil p	orofile w	as unobtainable	e. Soi	ls are assi	umed to	be hydric.	
e to inundation a clear soil profile was unobtainable. Soils are assumed to be hydric.	ie to inun	dation a clear soil p	rofile w	as unobtainable	e. Soi	ls are assi	umed to	be hydric.	
ie to inundation a clear soil profile was unobtainable. Soils are assumed to be hydric.	ie to inun	dation a clear soil p	orofile w	as unobtainable	e. Soi	ls are assi	umed to	be hydric.	

Hydrology Photos





Project/Site: East Point	City/County:	Sharon Springs, Schoharie	Sampling Date	2019-May-02				
Applicant/Owner: NextEra		State: NY	Sampling Point:	W-JJB-06; UPL-1				
Investigator(s): Jake Brillo, Va	al Mitchell	Section, Township, Ra	nge:					
Landform (hillslope, terrace, etc	c.): Hilltop	Local relief (concave, convex,	none): Convex	Slope (%): 2-5				
Subregion (LRR or MLRA):	LRR R	Lat: 42.7719934937	Long: -74.5822029189	Datum: WGS84				
Soil Map Unit Name: Mohaw	/k and Honeoye silt loams, 10 to 20	percent slopes, eroded	NWI classifi	cation:				
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 significant	ly disturbed? Are "Normal C	Circumstances" present?	Yes 🟒 No				
Are Vegetation, Soil	, or Hydrology naturally p	problematic? (If needed, exp	olain any answers in Rem	narks.)				

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No 🟒	lf yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures her	e or in a separate report)	
TRC covertype is UPL.			

Wetland Hydrology Indicators:				
Primary Indicators (minimum of on	<u>e is required; check all t</u>	Secondary Indicators (minimum of two required)		
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water- Aquatio Marl D Hydrog Oxidize	Stained Leaves (B9) : Fauna (B13) eposits (B15) gen Sulfide Odor (C1) ed Rhizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Im 	agery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Sur 	Presen Recent Thin M gery (B7) Other (rface (B8)	ce of Reduced Iron (C4) Iron Reduction in Tilled Soils (C6) uck Surface (C7) Explain in Remarks)	 Stunted or Stressed Plants (D1 Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5))
Field Observations:				
Surface Water Present?	Yes No 🟒	Depth (inches):		
Water Table Present?	Yes No 🟒	Depth (inches):	- Wetland Hydrology Present?	Yes No 🟒
Saturation Present?	Yes No 🟒	Depth (inches):		
(includes capillary fringe)				
Describe Recorded Data (stream ga	auge, monitoring well, a	erial photos, previous inspections), if	available:	

Sampling Point: W-JJB-06; UPL-1

Tree Stratum (Distring, 20 ft.)	Absolute	Dominant	Indicator	Dominance Test works	heet:		
	% Cover	Species?	Status	Number of Dominant	Species That	0	(A)
1				Are OBL, FACW, or FAC			
2				Total Number of Domi	nant Species	1	(B)
3				Across All Strata:	nacios That		
4					pecies mat	0	(A/B)
5				Prevalence Index work	sheet.		
6				Total % Cover	of:	Multiply	Bv:
7				OBL species	0	x 1 =	 0
	0	= Total Cove	er	FACW species	0	x 2 =	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	0	x 3 =	0
1				FACU species	85	x 4 =	340
2				UPL species	15	x 5 =	75
3				Column Totals	100	(A)	415 (B)
4				Prevalence li	ndex = B/A =	4.2	
5							
6				1 Papid Test for	Hydrophytic \	logotation	
7					1 you opinytic v	egetation	1
	0	= Total Cove	er	3 - Prevalence Inc	dov is < 3.01		
Herb Stratum (Plot size: <u>5 ft</u>)				J - Morphologica	l Adaptations	(Provide	supporting
1. <i>Poa pratensis</i>	75	Yes	FACU	data in Remarks or on	a separate sh	(Frovide leet)	supporting
2. <i>Daucus carota</i>	15	No	UPL	Problematic Hydr	rophytic Vege	tation ¹ (E)	(plain)
3. <i>Taraxacum officinale</i>	10	No	FACU	¹ Indicators of hydric so	oil and wetlan	d hydrolo	gy must be
4				present, unless disturb	bed or proble	matic	
5				Definitions of Vegetation	on Strata:		
6				Tree – Woody plants 3	in. (7.6 cm) oi	r more in	diameter at
7				breast height (DBH), re	gardless of h	eight.	
8				Sapling/shrub - Woody	y plants less t	han 3 in. I	OBH and
9				greater than or equal t	:o 3.28 ft (1 m) tall.	
10				Herb – All herbaceous	(non-woody)	plants, re	gardless of
11				size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines – All woo	dy vines great	ter than 3	.28 ft in
	100	= Total Cove	er	neight.			
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)				Hydrophytic Vegetatic	on Present?	/es N	No 🔽
1							
2.							
3							
4.							
	0	= Total Cove	er				
Remarks: (Include photo numbers here or on a separate	sheet.)						

	oist) %	Color (moist)	% Тур	e ¹ Loc ²	Texture				Remarks
0 - 7 10YR 4/	′3 100				Silt Loam				
			·						
· ·			· <u> </u>						
			·						
			·						
·			· <u> </u>						
			· <u> </u>						
			· <u> </u>						
e: C = Concentration	n, D = Depleti	on, RM = Reduced	Matrix, M	S = Masked	Sand Grains. ² Lo	ocation: PL = Por	e Linir	ng, M	l = Matrix.
ric Soil Indicators:						Indicators for P	robler	natio	: Hydric Soils³:
listosol (A1)		Polyvalue Be	low Surfac	e (S8) (LRR F	, MLRA 149B)	2 cm Muck	(A10) (LRR	K, L, MLRA 149B)
listic Epipedon (A2)		Thin Dark Su	rface (S9) (v Mineral (ERK K, MEKA	(149B))	Coast Prairi	e Red	ox (A	16) (LRR K, L, R)
Hvdrogen Sulfide (A4	4)	Loamy Gleve	d Matrix (F	=2)	,	5 cm Mucky	Peat	or P	eat (S3) (LRR K, L, R)
Stratified Layers (A5))	Depleted Ma	trix (F3)	,		Dark Surfac	e (S7)	(LRR	K, L)
Depleted Below Darl	k Surface (A1	1) Redox Dark S	Surface (F6	5)		Polyvalue B	elow 2		
Thick Dark Surface (A	412)	Depleted Dar	k Surface	(F7)			noco I	(59) Maco	
Sandy Mucky Minera	al (S1)	Redox Depre	ssions (F8))		Piedmont F	loodnl	lain ^o	Soils (F19) (MI RA 149 8)
Sandy Gleyed Matrix	< (S4)					Mesic Spod	ic (TA6	5) (M	LRA 144A, 145, 149B)
Sandy Redox (S5)						Red Parent	Mater	ial (F	
Stripped Matrix (S6)						Very Shallo	w Dark	< Sur	face (TF12)
Dark Surface (S7) (LF	R R, MLRA 14	49B)				Other (Expl	ain in l	Rem	arks)
licators of hydrophy	tic vegetation	and wetland hydr	ology mus	st be presen	t, unless disturbe	d or problematic			
trictive Laver (if obse	erved):								
u icuve Layer (ii obse		Rocks		Hydric	Soil Present?	Yes	No	_/	
Type:		7							
Type: Depth (inche	es):	-							
Type: Depth (inche	es):								
Type: Depth (inche	es):								
Type: Depth (inche arks:	es):								
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Type: Depth (inche harks:	es):								



Project/Site: East Poin	t		City/County:	Sharon Sprii	ngs, S	Schoharie		Sampling Date:	2019-May-02	
Applicant/Owner: N	extEra		State: NY			Sampling Point: W-JJB-07; PEM-1				
Investigator(s): Jake	Brillo, Val Mitcl	hell			Secti	on, Township, Ra	inge:			
Landform (hillslope, te	rrace, etc.):	Depression		Local re	elief (concave, convex	, none):	Concave	Slope (%): 0-1	
Subregion (LRR or MLR	A): LRR R			L	Lat:	42.777852444	Long:	-74.5841281582	Datum: WGS84	
Soil Map Unit Name:	Honeoye-Far	mington comple	ex, 2 to 10 per	rcent slopes				NWI classific	cation:	
Are climatic/hydrologic	conditions on	the site typical	for this time o	of year?		Yes 🟒 No _	(If no	o, explain in Rema	rks.)	
Are Vegetation,	Soil, 0	or Hydrology	significantl	ly disturbed?	?	Are "Normal (Circums	tances" present?	Yes 🟒 No	
Are Vegetation,	Soil, o	or Hydrology	naturally p	oroblematic?		(If needed, ex	plain an	y answers in Rem	arks.)	

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🟒 No						
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No				
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-JJB-07				
Remarks: (Explain alternative procedure	Remarks: (Explain alternative procedures here or in a separate report)						
TRC covertype is PEM. Part of wetland i	s ag						
	-						

Wetland Hydrology Indicators:					
Primary Indicators (minimum of or	e is required; check all that apply)	Secondary Indicators (minimum of two required)			
 ✓ Surface Water (A1) High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Liv	ing Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 		
 Drift Deposits (B3) _ Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	Presence of Reduced Iron (C4 Recent Iron Reduction in Tiller Thin Muck Surface (C7) Other (Explain in Remarks) rface (B8)) d Soils (C6)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations:					
Surface Water Present?	Yes 🖌 No Depth (inches):	1			
Water Table Present?	Yes No _		Wetland Hydrology Present? Yes No		
Saturation Present?	Yes 🖌 No Depth (inches):	0			
(includes capillary fringe)					
Describe Recorded Data (stream g	auge, monitoring well, aerial photos, previous i	nspections), if	available:		
Sampling Point: W-JJB-07; PEM-1

vorksheet:		
ant Species That	t -	
r FAC:	2	(A)
Dominant Species	s n	
	Z	(B)
ant Species That	100) (A/B)
r FAC:		
worksheet:		
<u>over of:</u>	<u>Multiph</u>	<u>/ By:</u>
85	x 1 =	85
10	x 2 =	20
5	x 3 =	15
0	x 4 =	0
0	x 5 =	0
100	(A)	120 (B)
nce Index = B/A =	=1.2	<u> </u>
tation Indicators:	:	
t for Hydrophytic	Vegetatio	n
ce Test is >50%		
te Index is $\leq 3.0^1$	I	
ogical Adaptations	ns¹ (Provide	supporting
or on a separate s	sheet)	
Hydrophytic Vege	getation ¹ (E	xplain)
ric soil and wetlar	and hydrol	ogy must be
sturbed or proble	ematic	
etation Strata:		
nts 3 in. (7.6 cm) c	or more in	diameter at
H), regardless of I	height.	
loody plants less	s than 3 in.	DBH and
juar to 5.26 it (1 ii	nn) tan.	agardlace of
lants less than 3	7) plants, re 28 ft tall	-gar uless of
woody vines grea	ater than	3 28 ft in
woody whee gree		
atation Present?	Voc /	No
station rresent:	ies <u>v</u>	NO

Upper Color (moist) % Color (moist) % Type! Loc? Texture Remarks 0 - 6 10YR 4/2 100 5 C M Silt Learn Silt Learn 6 - 12 2.5Y 3/2 94 10YR 3/6 6 C M Silt Learn
Color (moist) % Color (moist) % Lippe' Loc' Letture Remarks 0 6 100 K 4/2 100
0.6 10YR 4/2 100 10YR 3/6 6 C M Silt Loam 6.12 2.5Y 3/2 94 10YR 3/6 6 C M Silt Loam
6-12 2.5Y 3/2 94 10YR 3/6 6 C M Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam Image: Silt Loam <td< td=""></td<>
Image: Sector
Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. Hydric Soil Indicators: Indicators for Problematic Hydric Soils? Histic Epigedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, R) Black Histic (A3) Loamy Gleyed Matrix (F2) S cm Mucky Peat or Peat (S3) (LRR K, L, R) Stratified Layers (A5) Depleted Matrix (F3) Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Polyvalue Below Surface (F7) Stratified Layers (A5) Depleted Matrix (F3) Polyvalue Below Surface (S9) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Polyvalue Below Surface (S1) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Polyvalue Below Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 149B) Stripped Matrix (S4) Red Parent Material (F21) Other (Explain in Remarks) "Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (f observed): Type: None Hydric Soil Present? Yes _< No
Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Hydric Soil Indicators: Indicators for Problematic Hydric Soils*: Histosol (A1) Polyvalue Below Surface (S8) (LRR , MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Black Histic (A3) Loarny Mucky Mineral (F1) (LRR K, L) 5 cm Mucky Peator Peator (S3) (LRR K, L, R) Hydric Soil Indicators: Indicators for Problematic Hydric Soils*: Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, R) Black Histic (A3) Loarny Gleyed Matrix (F2) Dark Surface (T3) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F2) Dark Surface (S10) (LRR K, L) Sandy Mucky Mineral (S1) Redox Depressions (F8) Polyvalue Below Surface (S10) (LRR K, L, R) Sandy Gleyed Matrix (S4) Peletom Atrix (S4) Mesic Spodic (TA6) (MRR A 144A, 145, 149B) Sandy Mucky Mineral (S1) Redox Depressions (F8) Pelemont Floodplain Soils (F19) (MLRA 144B) Sandy Mucky Mireral (S1) Redox Depressions (F8) Pelemont Floodplain Soils (F19) (MLRA 144B) Stripped Matrix (S4) Other Explain in Remarks) Pelemont Floodplain Soils (F19) (MLRA 144B) Stripped Matrix (S6) Very Shallow Dark Surface (TF12)
Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. 2Location: PL = Pore Lining, M = Matrix. Hydric Soil Indicators: Indicators for Problematic Hydric Soils? Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) _2 cm Muck (A10) (LRR K, L MLRA 149B) Black Histic (A3) _Loamy Gleyed Matrix (F2)
Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Hydric Soil Indicators: Indicators for Problematic Hydric Soils*: Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, RN Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) S cm Mucky Peat or Peat (S3) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) S cm Mucky Peat or Peat (S3) (LRR K, L, R) Depleted Below Dark Surface (A11) Depleted Matrix (F2) Dark Surface (S9) (LRR K, L) Thick Dark Surface (A12) Depleted Dark Surface (F7) Itin Dark Surface (S9) (LRR K, L, R) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Gleyed Matrix (S4) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Stripped Matrix (S6) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Dark Surface (G7) (LRR R, MLRA 149B) Other (Explain in Remarks) Indicators of problematic. Restrictive Layer (If observed): Type: None Very Shallow Dark Surface (TF12) Deptet Minches): Remarks: Yes _ No _ No
Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Hydric Soil Indicators: Indicators for Problematic Hydric Soils*: Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L MRA 149B) Histosol (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucky Peat or Peat (S3) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) Depleted Balow Dark Surface (A11) Depleted Matrix (F3) Dark Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 1449B) Sandy Gleyed Matrix (S4) Red Parent Material (F21) Wesic Spodic (T46) (MLRA 1442, 145, 149B) Sandy Medox (S5) Red Parent Material (F21) Uter (Explain in Remarks) *Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (Moserved): Type: None Hydric Soil Present? Yes No Depth (inches): None Hydric Soil Present? Yes No
"Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Hydric Soil Indicators: Indicators for Problematic Hydric Soils ³ : Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L)
Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Hydric Soil Indicators: Indicators for Problematic Hydric Soils*: Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) S cm Mucky Peat or Peat (S3) (LRR K, L, R)
Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Hydric Soil Indicators: indicators for Problematic Hydric Soils*: Histosol (A1) Polyvalue Below Surface (S9) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Gleved Matrix (F2) Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Polyvalue Below Surface (S8) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Polyvalue Selow Surface (S9) (LRR K, L) Stratified Layers (A5) Depleted Dark Surface (F7) Thin Dark Surface (S9) (LRR K, L) Stratified Layers (A5) Depleted Dark Surface (F7) Inor-Manganese Masses (F12) (LRR K, L, R) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Redox (S5) Red Parent Material (F21) Very Shallow Dark Surface (T71(2) Striatified Solutrix (S6) Very Shallow Dark Surface (T712) Other (Explain in Remarks) Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Pres No Type: None
"Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. Hydric Soil Indicators: Indicators for Problematic Hydric Soils?: Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Black Histic (A3) Loamy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Dark Surface (S9) (LRR K, L) Depleted Below Dark Surface (A12) Depleted Dark Surface (F6) Thin Dark Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Redox (S5) Red Parent Material (F21) Very Shallow Dark Surface (T12) Stripped Matrix (S6) Other (Explain in Remarks) 3 ¹ Andicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if observed): Type: None Hydric Soil Present? Yes No Depth (inches): Remarks: Hydric Soil Present? Yes No
Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. 2Location: PL = Pore Lining, M = Matrix. Hydric Soil Indicators: Indicators for Problematic Hydric Soils?: Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F2) Dark Surface (S9) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F2) Dark Surface (S9) (LRR K, L) Stratified Layers (A11)_ Redox Dark Surface (F7) Thin Dark Surface (S9) (LRR K, L, R) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Redox (S5) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Jark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) ³ Indicators of hydrophytic vegetation and wetland hydrology must be present? Yes No Type: None Hydric Soil Present? Yes No Depth (inches): Remarks: Remarks: Yes No
Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. 4Location: PL = Pore Lining, M = Matrix. Hydric Soil Indicators: Indicators for Problematic Hydric Soils*: Indicators for Problematic Hydric Soils*. Histosoil (A1) Polyvalue Below Surface (S9) (LRR R, MLRA 149B) Coast Prairie Redox (A10) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) S cm Mucky Peat or Peat (S3) (LRR K, L, R) Stratified Layers (A5) Depleted Matrix (F2) Dark Surface (S9) (LRR K, L) Stratified Layers (A5) Depleted Dark Surface (F6) Thin Dark Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1) Redox Depressions (F8) Polyvalue Below Surface (S9) (LRR K, L, R) Sandy Gleyed Matrix (S6) Piedmont Floodplain Soils (F19) (MLRA 149B) Piedmont Floodplain Soils (F19) (MLRA 149B) Stripped Matrix (S6) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) 3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Presenter: Restrictive Layer (f observed): Type: None Hydric Soil Present? Yes No Depth (inches): None Hydric Soil Present? Yes No Remarks:
Hydric Soil Indicators: Indicators for Problematic Hydric Soils?
Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
Stratified Layers (A5)Depleted Matrix (F3)Polyvalue Below Surface (S8) (LRR K, L)N Depleted Below Dark Surface (A11) / Redox Dark Surface (F6) Thin Dark Surface (S9) (LRR K, L)N Depleted Dark Surface (F7) Iron-Manganese Masses (F12) (LRR K, L, R)N Depleted Matrix (S4)
Lopieted Below Dark Surface (A11)
Indice Dark Surface (A12)
 Sandy Mutera (S1)
Sandy Gleyed Matrix (S4)Mesic Spodic (TA6) (MLRA 144A, 145, 149B)Red Parent Material (F21)Red Parent Material (F21)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) 3 ¹ Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if observed): Type:NoneHydric Soil Present? Yes No Depth (inches): Remarks:
Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) 3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if observed): Type: None Hydric Soil Present? Yes No Depth (inches): Remarks:
3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if observed): Type: None Depth (inches): Remarks:
Restrictive Layer (if observed): Type: None Depth (inches): Remarks:
Type: None Depth (inches): Yes _ No
Depth (inches):
Remarks:

Hydrology Photos



Soil Photos



Photo of Sample Plot



US Army Corps of Engineers

Northcentral and Northeast Region -- Version 2.0 Adapted by TRC

Project/Site: East Poir	ıt	Sampling Date: 2019-May-02					
Applicant/Owner: N		State:	NY	Sampling Point:	W-JJB-07; UPL-1		
Investigator(s): Jake	Brillo, Val Mite						
Landform (hillslope, te	rrace, etc.):	Agricultural Field	Local re	elief (concave, co	onvex, non	e): Convex	Slope (%): 2-5
Subregion (LRR or MLF	RA): LRR	R		Lat: 42.7776493	3505 Lor	g: -74.58426537	Datum: WGS84
Soil Map Unit Name:	Honeoye-Fa	rmington complex, 2	to 10 percent slopes			NWI classifi	cation:
Are climatic/hydrologic	c conditions o	n the site typical for t	his time of year?	Yes 🟒	No (If	no, explain in Rema	arks.)
Are Vegetation,	Soil,	or Hydrology si	ignificantly disturbed	? Are "No	rmal Circu	nstances" present?	Yes 🟒 No
Are Vegetation,	Soil,	or Hydrology n	aturally problematic?	llf need	ed, explain	any answers in Rem	narks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No _	lf yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures her	e or in a separate report		
TRC covertype is UPL.			

Wetland Hydrology Indicators:				
Primary Indicators (minimum of on	e is required; check all th	Secondary Indicators (minimum o	<u>f two required)</u>	
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water-S Aquatic Marl De Hydroge Oxidized	tained Leaves (B9) Fauna (B13) posits (B15) en Sulfide Odor (C1) d Rhizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Im 	agery (C9)
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su	Presenc Recent I Thin Mu agery (B7) Other (E rface (B8)	e of Reduced Iron (C4) ron Reduction in Tilled Soils (C6) ick Surface (C7) ixplain in Remarks)	 Stunted or Stressed Plants (D1 Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5))
Field Observations:				
Surface Water Present?	Yes No 🟒	Depth (inches):		
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present?	Yes No 🟒
Saturation Present?	Yes No 🟒	Depth (inches):		
(includes capillary fringe)			_	
Describe Recorded Data (stream ga	auge, monitoring well, ae	rial photos, previous inspections), if	available:	

Sampling Point: W-JJB-07; UPL-1

Tree Stratum (Plot size: 30 ft.)	Absolute	Dominant	Indicator	Dominance Test works	heet:		
<u>The stratum</u> (Fiot size, <u>so tran</u>	% Cover	Species?	Status	Number of Dominant S	pecies That	0	(A)
1				Are OBL, FACW, or FAC	: 		
2				Across All Strata	iant species	1	(B)
3				Percent of Dominant S	necies That		
4				Are OBL, FACW, or FAC		0	(A/B)
5				Prevalence Index work	sheet:		
6				Total % Cover	of:	Multiply	<u> </u>
7				OBL species	0	x 1 =	0
	0	= Total Cove	r	FACW species	0	x 2 =	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	0	x 3 =	0
1				FACU species	0	x 4 =	0
2				UPL species	85	x 5 =	425
3				Column Totals	85	(A)	425 (B)
4				Prevalence Ir	ndex = B/A =	5	
5				Hydrophytic Vegetation	Indicators:		
6				1- Rapid Test for H	-lydrophytic \	/egetatio	n
7				2 - Dominance Te	st is > 50%	-8	
	0	= Total Cove	r	3 - Prevalence Inc	lex is $\leq 3.0^1$		
Herb Stratum (Plot size: <u>5 ft</u>)				4 - Morphological	Adaptations	¹ (Provide	supporting
1. Zea mays	85	Yes	UPL	data in Remarks or on	a separate sh	neet)	0
2				Problematic Hydr	ophytic Vege	tation ¹ (E	xplain)
3				¹ Indicators of hydric so	il and wetlan	d hydrolo	ogy must be
4				present, unless disturb	ed or proble	matic	
5				Definitions of Vegetation	on Strata:		
6				Tree – Woody plants 3	in. (7.6 cm) o	r more in	diameter at
7				breast height (DBH), re	gardless of h	eight.	
8				Sapling/shrub - Woody	plants less t	han 3 in.	DBH and
9				greater than or equal t	o 3.28 ft (1 m	ı) tall.	
10				Herb – All herbaceous	(non-woody)	plants, re	egardless of
11				size, and woody plants	less than 3.2	8 IL LAII.	20 ft in
12				height	ay vines grea	ter than :	3.28 IL IN
	85	= Total Cove	r		D (2)		
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)				Hydrophytic Vegetatio	n Present?	Yes	No 🟒
1							
2							
3							
4							
	0	= Total Cove	r				
Remarks: (Include photo numbers here or on a separat	te sheet.)						

	nches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture					Remarks
e: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. ic Soil Indicators: Indicators for Problematic Hydric Soils?: istics Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) jack Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) kydrogen Sulfide (A4) Loamy Mucky Mineral (F1) jeleted Below Dark Surface (A11) Redox Dark Surface (F6) mady Mucky Mineral (S1) Depleted Matrix (F3) jeleted Below Dark Surface (S1) Redox Dark Surface (F7) mick Surface (S12) Depleted Dark Surface (F7) mick Surface (S12) Coast Prairie Redox Dark Surface (F7) mick Surface (S12) Coast Prairie Redox Dark Surface (F7) mick Surface (S12) Red Parent Material (F21) mark Surface (S1) (LRR R, MLRA 149B) <t< th=""><th>0 - 8</th><th>10YR 3/2</th><th>100</th><th></th><th></th><th></th><th></th><th>Silt Loam</th><th>·</th><th></th><th></th><th></th><th></th></t<>	0 - 8	10YR 3/2	100					Silt Loam	·				
e: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. ric Soil Indicators: Indicators for Problematic Hydric Soils?: ilstosol (A1) Polyvalue Below Surface (S3) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, R) Jack Histic (A3) Loamy Gleyed Matrix (F2) S cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) Polyvalue Below Dark Surface (F6) Polyvalue Below Surface (F7) hirt Dark Surface (A11) Redox Depressions (F8) iandy Mucky Mineral (S1) Redox Depressions (F8) iandy Gleyed Matrix (S6) Peleted Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) Piedmont Floodplain Soils (F12) (MLRA 144B) iators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Problematic. rictive Layer (if observed): Type: Rocks Type: Rocks Hydric Soil Present? Yes No Depth (inches): 8 Arks: Yes					·	·							
e: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. ric Soil Indicators: Indicators for Problematic Hydric Soils ³ : iistosol (A1)					-								
e: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. ric Soil Indicators: Indicators for Problematic Hydric Soils ² : iistic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B)													
e: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. ric Soil Indicators: Indicators for Problematic Hydric Soils ³ : tistic Soil (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) listic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) vjdrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) vitratified Layers (A5) Depleted Matrix (F3) Dolyvalue Below Surface (F6) itratified Layers (A5) Depleted Dark Surface (F7) Thin Dark Surface (S9) (LRR K, L) iandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 149B) iandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) icators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. very Shallow Dark Surface (TF12) irritet Layer (if observed): Rocks Hydric Soil Present? Yes	·				·								
e: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. iric Soil Indicators: Indicators for Problematic Hydric Soils ² : iistosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) iistic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) jlack Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) ydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) itratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) 'hick Dark Surface (A12) Depleted Dark Surface (F7) 'hin Dark Surface (A12) Depleted Dark Surface (F7) 'andy Mucky Mineral (S1) Redox Depressions (F8) 'gripped Matrix (S6) Redox Depressions (F8) 'gripped Matrix (S6) Red Parent Material (F21) 'gripped Matrix (S6) Red Parent Material (F21) 'grippet (in observed): Type: Type: Rocks Depth (inches): 8	:												
e: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. ric Soil Indicators: Indicators for Problematic Hydric Soils?: tistosol (A1) Polyvalue Below Surface (S9) (LRR R, MLRA 149B) listic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Jack Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) tydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) iydrogen Sulfide (A4) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thic Dark Surface (A12) Depleted Dark Surface (F7) iandy Mucky Mineral (S1) Redox Depressions (F8) jandy Gleyed Matrix (S4)													
e: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. ric Soil Indicators: Indicators for Problematic Hydric Soils ³ : Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Jistic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Variating Layers (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Hydrogend Matrix (S4) Redox Depressions (F8) Jandy Redox (S5) Peleted Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) Red Parent Material (F2) Mack Hitris (S6) Red Parent Material (F2) Dark Surface (A12) Depleted Dark Surface (F7) Tripped Matrix (S6) Red Parent Material (F2) Stripped Matrix (S6) Red Parent													
e: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. 2Location: PL = Pore Lining, M = Matrix. ric Soil Indicators: Indicators for Problematic Hydric Soils?: Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Jistic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Jack Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Jopeleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Jandy Mucky Mineral (S1) Redox Depressions (F8) Jandy Redox (S5) Redox Depressions (F8) Stripped Matrix (S6) Red Parent Material (F21) Very Shallow Dark Surface (S7) (LRR K, MLRA 149B) Wesic Spodic (TA6) (MLRA 144A, 145, 149B) Jandy Redox (S5) Red Parent Material (F21) Stripped Matrix (S6) Red Parent Material (F21) Other (Explain in Remarks) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) Other (Explain in Remarks) cators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Yes No/ Type: Rocks Hydric Soil Present? Yes No/ </td <td> ·</td> <td></td> <td></td> <td></td> <td>·</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	·				·								
ric Soil Indicators: Indicators: Indicators Indicators for Problematic Hydric Soils ³ : Indicators for Problematic Hydric Soil Present? Indicators for Problematic Hydric Soil Pr	e: C = C	Concentration, D = I	Depletio	n, RM = Reduced	Mati	rix, MS =	Masked S	and Grains. ² L	ocation: PL = Po	re Li	nir	ıg,	M = Matrix.
Histos (A1) Polyvalue below Surface (S9) (LRR K, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histic Epipedon (A2)	ric Soil I	Indicators:		Debughue Del	C		0) (I DD D		Indicators for	Prob	lei	na	tic Hydric Soils ³ :
Black Histic (A3)	Histosol Histic Ep	(AT) Dipedon (A2)		Polyvalue Bel Thin Dark Su	ow S rface	urtace (S (S9) (LRR	8) (LRR R, R. MLRA	MLRA 149B) 149B)	2 cm Muck	(A1	D) (LR	R K, L, MLRA 149B)
Hydrogen Sulfide (A4)Loamy Gleyed Matrix (F2)S in Middly Fear Of F	3lack His	stic (A3)		Loamy Mucky	y Min	eral (F1)	, (LRR K, L)		5 cm Muck		eu >t	or	AID) (LKK K, L, K)
Stratified Layers (A5)	Hydroge	en Sulfide (A4)		Loamy Gleye	d Ma	trix (F2)			Dark Surfa	.y r e ce (9	at (7)	(F	R K 1)
Depleted Below Dark Surface (A11) Redox Dark Surface (F6)	Stratified	d Layers (A5)		Depleted Ma	trix (F	-3)			Polyvalue	Selo	N 9	Sur	face (S8) (LRR K. L)
hick Dark Surface (A12)	Depleted	d Below Dark Surfa	ce (A11) Redox Dark S	Surfac	ce (F6)			Thin Dark	Surfa	ace	(S	9) (LRR K, L)
Gandy Mucky Mineral (S1) <td< td=""><td>Thick Da</td><td>ark Surface (A12)</td><td></td><td> Depleted Dar</td><td>'k Sui</td><td>face (F7)</td><td></td><td></td><td> Iron-Mang</td><td>anes</td><td>e l</td><td>Na:</td><td>sses (F12) (LRR K, L, R)</td></td<>	Thick Da	ark Surface (A12)		Depleted Dar	'k Sui	face (F7)			Iron-Mang	anes	e l	Na:	sses (F12) (LRR K, L, R)
Sandy Gleyed Matrix (S4)Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5)Red Parent Material (F21) Stripped Matrix (S6)Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B)Other (Explain in Remarks) (cators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. rictive Layer (if observed):	sandy ivi	iucky Mineral (ST)		Redox Depre	ssion	is (F8)			Diadmont		dn	air	Soils (E10) (MI DA 1/0
Analy Redox (S5)	, , , , , , , , , , , , , , , , , , , ,								Pleamont	FIUU	uμ	all	
bark Surface (S7) (LRR R, MLRA 149B)	Sandy G	ileyed Matrix (S4)							Mesic Spo	dic (1	αp Āē	6) (I	MLRA 144A, 145, 149B)
Jark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) icators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. rictive Layer (if observed):	Sandy G Sandy R	ileyed Matrix (S4) edox (S5)							Mesic Spo Red Paren	dic (1 t Ma	Ae ter	6) (I ial	MLRA 144A, 145, 149B) (F21)
icators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. rictive Layer (if observed): Type:	Sandy G Sandy R Stripped	ileyed Matrix (S4) edox (S5) d Matrix (S6) rfaca (C7) (LDD D N		וסנ					Mesic Spo Red Paren Very Shallo	dic (1 t Ma ow D	TAE ter arl	ial ial s Su	MLRA 144A, 145, 149B) (F21) urface (TF12)
rictive Layer (if observed): Type: Rocks Hydric Soil Present? Yes No ✓ Depth (inches): 8 arks:	Sandy G Sandy R Stripped Dark Sui	ileyed Matrix (S4) eedox (S5) d Matrix (S6) rface (S7) (LRR R, M	ILRA 149	9B)					Pleamont Mesic Spo Red Paren Very Shallo Other (Exp	dic (1 t Ma ow D lain	TAE ter arl	ial ial s Su Rer	MLRA 144A, 145, 149B) (F21) urface (TF12) narks)
Iype: Rocks Hydric Soil Present? YesNo/ Depth (inches): 8	Sandy G Sandy R Stripped Dark Sur licators o	ileyed Matrix (S4) ledox (S5) d Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg	ILRA 149	9 B) and wetland hydr	olog	y must be	e present,	unless disturbe	Mesic Spo Red Paren Very Shallo Other (Exp	dic (1 t Ma ow D lain c.	TAE ter arl	ial S) (N Su Rer	(F21) MLRA 144A, 145, 149B) (F21) urface (TF12) narks)
Depth (inches): 8 arks:	Sandy G Sandy R Stripped Dark Sur licators o trictive L	ileyed Matrix (S4) edox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic vege .ayer (if observed):	ILRA 149	9 B) and wetland hydr	olog	y must be	e present,	unless disturbe	Pleumont Mesic Spo Red Paren Very Shalla Other (Exp	dic (1 t Ma ow D lain c.	TAE ter arl	ial (f Su Rer	MLRA 144A, 145, 149B) (F21) urface (TF12) narks)
arks:	Sandy G Sandy R Stripped Dark Sur licators c trictive L	ileyed Matrix (S4) ledox (S5) d Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg Layer (if observed): Type:	ILRA 149	9 B) and wetland hydr Rocks	olog	y must be	e present, Hydric Si	unless disturbe bil Present?	Mesic Spo Red Paren Very Shalld Other (Exp ed or problemati	dic (1 t Ma ow D lain c.	TAE ter arl in	ial (ial (Su Rer	MLRA 144A, 145, 149B) (F21) urface (TF12) narks)
	Sandy G Sandy R Stripped Dark Sui <u>icators c</u> : rictive L	ileyed Matrix (S4) edox (S5) d Matrix (S6) rface (S7) (LRR R, M <u>of hydrophytic veg</u> <u>ayer (if observed): Type: Depth (inches):</u>	ILRA 149	9 B) and wetland hydr Rocks 8	ology	y must bo	e present, Hydric So	unless disturbe bil Present?	Mesic Spo Red Paren Very Shalk Other (Exp ed or problemati	dic (1 t Ma ow D lain c.	TAE ter arl in	ial (ial (su Rer	MLRA 144A, 145, 149B) (F21) urface (TF12) narks)
	Sandy G Sandy R Stripped Dark Sur icators o trictive L marks:	ileyed Matrix (S4) edox (S5) d Matrix (S6) rface (S7) (LRR R, M <u>of hydrophytic veg</u> .ayer (if observed): Type: Depth (inches):	etation a	9B) and wetland hydr Rocks 8	ology	y must be	e present, Hydric So	unless disturbe Dil Present?	Mesic Spo Red Paren Very Shalk Other (Exp ed or problemati	dic (1 t Ma ow D lain c.	TAE ter arl in	ial (ial (Su Rer	/ (F21) MLRA 144A, 145, 149B) (F21) urface (TF12) marks)
	Gandy G Gandy R Strippec Dark Sur cators o rictive L arks:	ileyed Matrix (S4) edox (S5) d Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg ayer (if observed): Type: Depth (inches):	etation a	9 B) and wetland hydr Rocks 8	olog	y must bi	e present, Hydric So	unless disturbe bil Present?	Piedmont Mesic Spo Red Paren Very Shalld Other (Exp ed or problemati	dic (1 t Ma bw D lain c1	TAE ter arl in	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	MLRA 144A, 145, 149B) (F21) urface (TF12) narks)
	Sandy G Sandy R Strippec Dark Sur cators c rictive L arks:	ileyed Matrix (S4) edox (S5) d Matrix (S6) rface (S7) (LRR R, M of hydrophytic vege .ayer (if observed): Type: Depth (inches):	etation a	9 B) and wetland hydr Rocks 8	olog	y must be	e present, Hydric So	unless disturbe b il Present?	Piedmont Mesic Spo Red Paren Very Shalld Other (Exp ed or problemati	dic (1 t Ma bw D lain c	TAE ter arl in		(F21) (F21)
	Sandy G Sandy R Strippec Dark Sur cators o rictive L arks:	ileyed Matrix (S4) iedox (S5) d Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg ayer (if observed): Type: Depth (inches):	etation a	9 B) and wetland hydr Rocks 8	olog	y must bi	e present, Hydric So	unless disturbe bil Present?	Piedmont Mesic Spo Red Paren Very Shalld Other (Exp ed or problemati	lidic (1 t Ma bw D lain cI	TAE ter arl in	ial (I)	(F21) (F21)
	Sandy G Sandy R Strippec Dark Sui icators c rictive L arks:	ileyed Matrix (S4) iedox (S5) d Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg ayer (if observed): Type: Depth (inches):	etation a	9 B) and wetland hydr Rocks 8	olog	y must bi	e present, Hydric So	unless disturbe bil Present?	Piedmont Mesic Spo Red Paren Very Shalld Other (Exp ed or problemati	dic (1 t Ma w D lain c	TAE ter arl in	ial	(F21) (F21)
	Sandy G Sandy R Strippec Dark Sur icators c rictive L arks:	ileyed Matrix (S4) ledox (S5) d Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg ayer (if observed): Type: Depth (inches):	etation a	9 B) and wetland hydr Rocks 8	olog	y must bi	e present, Hydric Si	unless disturbe bil Present?	Piedmont Mesic Spo Red Paren Very Shalld Other (Exp ed or problemati	liool dic (T t Ma ow D lain c.	TAE ter arl in	ial (I)	(F21) MLRA 144A, 145, 149B) (F21) urface (TF12) narks)
	Sandy G Sandy R Strippec Dark Sur icators o rrictive L marks:	ileyed Matrix (S4) iedox (S5) d Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg cayer (if observed): Type: Depth (inches):	etation a	9 B) and wetland hydr <u>Rocks</u> 8	<u>-</u>	y must be	e present, Hydric Si	unless disturbe bil Present?	Piedmont Mesic Spo Red Paren Very Shalld Other (Exp d or problemati	liool dic (T t Ma bw D lain c.	TAE ter arl in	ial (I)	/ (F2) (MERA 1497 // MERA 144A, 145, 149B) (F21) urface (TF12) marks)
	Sandy G Sandy R Strippec Dark Sur licators o trictive L	ileyed Matrix (S4) ledox (S5) d Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg ayer (if observed): Type: Depth (inches):	etation a	9 B) and wetland hydr <u>Rocks</u> 8	olog.	y must bi	e present, Hydric Si	unless disturbe bil Present?	Piedmont Mesic Spo Red Paren Very Shalk Other (Exp d or problemati	dic (1 t Ma bw D lain c.	TAE ter arl in	lan (h	/ (F2) (MERA 1491 //IRA 144A, 145, 149B) (F21) urface (TF12) marks)
	Sandy G Sandy R Strippec Dark Sur licators o trictive L	ileyed Matrix (S4) ledox (S5) d Matrix (S6) rface (S7) (LRR R, M <u>of hydrophytic veg</u> .ayer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr Rocks 8	olog	y must bi	e present, Hydric So	unless disturbe bil Present?	Piedmont Mesic Spo Red Paren Very Shalk Other (Exp ed or problemati	dic (1 t Ma bw D lain c.	TAE ter arl in	ial (i)	/ (F2) (MERA 1491 // IRA 144A, 145, 149B) (F21) urface (TF12) marks)
	Sandy G Sandy R Strippec Dark Sur icators o trictive L	ileyed Matrix (S4) ledox (S5) d Matrix (S6) rface (S7) (LRR R, M <u>of hydrophytic veg</u> ayer (if observed): Type: Depth (inches):	etation a	9 B) and wetland hydr Rocks 8	olog	y must bi	e present, Hydric S	unless disturbe bil Present?	Piedmont Mesic Spo Red Paren Very Shalk Other (Exp ed or problemati	Idic (T t Ma bw D lain c1	TAE terrarl	ial	/ (F2) (MERA 1491 // IRA 144A, 145, 149B) (F21) urface (TF12) marks)
	Sandy G Sandy R Strippec Dark Sui icators o trictive L narks:	ileyed Matrix (S4) edox (S5) d Matrix (S6) rface (S7) (LRR R, M <u>of hydrophytic veg</u> ayer (if observed): Type: Depth (inches):	etation a	9 B) and wetland hydr Rocks 8	olog	y must be	e present, Hydric S	unless disturbe Dil Present?	Piedmont Mesic Spo Red Paren Very Shalk Other (Exp ed or problemati	lidic (T t Ma bw D lain c.	TAE ter arl in	ial	/ (F2) (WERA 1491 // IRA 144A, 145, 149B) (F21) urface (TF12) marks)
	Sandy G Sandy R Strippec Dark Sun licators of trictive L narks:	ileyed Matrix (S4) edox (S5) d Matrix (S6) rface (S7) (LRR R, M <u>of hydrophytic veg</u> .ayer (if observed): Type: Depth (inches):	etation a	9 B) and wetland hydr Rocks 8	olog	y must be	e present, Hydric S	unless disturbe bil Present?	Piedmont Mesic Spo Red Paren Very Shalk Other (Exp ed or problemati	liolo dic (T t Ma bw D lain c.	TAG ter arl in No	ial	/IRA 144A, 145, 149B) (F21) µrface (TF12) marks)
	Sandy G Sandy R Strippec Dark Sur licators of trictive L narks:	ileyed Matrix (S4) iedox (S5) d Matrix (S6) rface (S7) (LRR R, M of hydrophytic vege .ayer (if observed): Type: Depth (inches):	etation a	9 B) and wetland hydr Rocks 8	olog	y must be	e present, Hydric S	unless disturbe pil Present?	Piedmont Mesic Spo Red Paren Very Shalk Other (Exp ed or problemati	lio (1 t Ma bw D lain c	TAG ter arl in	lan (ial c Su Rer	/ILRA 144A, 145, 149B) (F21) µrface (TF12) marks) ∕_
	Sandy G Sandy R Strippec Dark Sur icators o rictive L harks:	ileyed Matrix (S4) iedox (S5) d Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg ayer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr Rocks 8	olog	y must bi	e present, Hydric Si	unless disturbe pil Present?	Piedmont Mesic Spo Red Paren Very Shalld Other (Exp d or problemati Yes	dic (1 t Ma bw D lain c.	TAG ter arl in	(iali (iali)))))))))))))))))))))))))))))))))))	∠
	Sandy G Sandy R Strippec Dark Sui licators (trictive L narks:	ileyed Matrix (S4) iedox (S5) d Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg .ayer (if observed): Type: Depth (inches):	etation a	PB) and wetland hydr Rocks 8	olog	y must be	e present, Hydric Si	unless disturbe bil Present?	Piedmont Mesic Spo Red Paren Very Shalld Other (Exp d or problemati Yes	dic (1 t Ma bw D lain c.	AC A A A A A A A A A A A A A A A A A A	(lan (lan (lan (lan (lan (lan (lan (lan	(F2) (MERA 144A, 145, 149B) (F21) (F21) narks) (F2)
	Sandy G Sandy R Strippec Dark Sui licators (trictive L harks:	ileyed Matrix (S4) iedox (S5) d Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg .ayer (if observed): Type: Depth (inches):	etation a	PB) and wetland hydr Rocks 8	<u>olog</u>	y must be	e present, Hydric Si	unless disturbe bil Present?	Piedmont Mesic Spo Red Paren Very Shalld Other (Exp d or problemati Yes	dic (1 t Ma bw D lain c.	TAG		//IRA 144A, 145, 149B) (F21) urface (TF12) narks)



Project/Site: East Poin	t		City/County: Shar	on Springs,	Schoharie	Sampling Date: 2019-May-02		
Applicant/Owner: N				State: NY	Sampling Point: W-JJB-08; PEM-1			
Investigator(s): Jake Brillo, Val Mitchell Section, Township, Range:								
Landform (hillslope, ter	rrace, etc.):	Depression		Local relief	(concave, convex	, none):	Convex	Slope (%): 0-1
Subregion (LRR or MLR	A): LRR	R		Lat:	42.7744874871	Long:	-74.5793995076	Datum: WGS84
Soil Map Unit Name:	Madalin silt	loam, over till					NWI classifi	cation:
Are climatic/hydrologic	conditions o	n the site typical	for this time of yea	ar?	Yes 🟒 No _	(If no	o, explain in Rema	ırks.)
Are Vegetation,	Soil,	or Hydrology	significantly dis	sturbed?	Are "Normal (Circums	tances" present?	Yes 🟒 No
Are Vegetation,	Soil,	or Hydrology	naturally proble	ematic?	(If needed, ex	plain an	y answers in Rem	arks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🟒 No							
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No _					
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-JJB-08					
Remarks: (Explain alternative procedures here or in a separate report)								
TPC covertupe is DEM. Area is wetland all th	ree wetland parameters a	ve present						
TRC covertype is PEM. Area is wetland, all th	ree wettand parameters a	ire present.						

Wetland Hydrology Indicators:				
Primary Indicators (minimum of c	one is required; check	Secondary Indicators (minimum of two required)		
 ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	Wa Aq Ma Hy Ox	tter-Stained Leaves (B9) uatic Fauna (B13) ırl Deposits (B15) drogen Sulfide Odor (C1) idized Rhizospheres on Living	Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial In Sparsely Vegetated Concave S 	Pre Rec Thi nagery (B7) Oth urface (B8)	esence of Reduced Iron (C4) cent Iron Reduction in Tilled S in Muck Surface (C7) ner (Explain in Remarks)	oils (C6)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:				
Surface Water Present?	Yes 🟒 No	Depth (inches):	1	
Water Table Present?	Yes 🟒 No	Depth (inches):	1	- Wetland Hydrology Present? Yes _∠_ No
Saturation Present?	Yes 🟒 No	Depth (inches):	0	-
(includes capillary fringe)				-
Describe Recorded Data (stream ; Remarks:	gauge, monitoring we	ell, aerial photos, previous insp	pections), if	available:

Sampling Point: W-JJB-08; PEM-1

Tree Stratum (Plot size: 30 ft.)	Absolute	Dominant	Indicator	Dominance Test works	neet:		
	% Cover	Species?	Status	Number of Dominant S	pecies That	3	(A)
1				Are OBL, FACW, or FAC:			
2				Iotal Number of Domir	ant Species	3	(B)
3				Percent of Dominant St	pocios That		
4				Are OBL FACW or FAC		100	(A/B)
5				Prevalence Index works	sheet:		
6				Total % Cover	of:	Multiply	Bv:
7				- OBL species	60	x 1 =	- -
	0	= Total Cov	rer	FACW species	55	x 2 =	110
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	0	x 3 =	0
1. <i>Salix bebbiana</i>	5	Yes	FACW	- FACU species	0	x 4 =	0
2. <i>Phalaris arundinacea</i>	0	No	FACW	UPL species	0	x 5 =	0
3				Column Totals	115	(A) –	170 (B)
4				Prevalence In	dex = R/A =	15	170 (8)
5						1.5	
6				Hydrophytic Vegetation	i indicators:	(
7				I- Rapid Test for F		regetation	
	5	= Total Cov	rer	2 - Dominance res	$\frac{15}{20\%}$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)		_		5 - Prevalence inu	$e_X IS \leq 5.0^{\circ}$	Drovida	cupporting
1. <i>Typha angustifolia</i>	45	Yes	OBL	4 - Morphological	Audpidiions		supporting
2. Phalaris arundinacea	40	Yes	FACW	Problematic Hydr	onhytic Vege	tation ¹ (Ex	nlain)
3. <i>Lythrum salicaria</i>	15	No	OBL	Indicators of hydric so	il and wetlan	d hydrolo	av must he
4. Impatiens capensis	10	No	FACW	present, unless disturb	ed or problei	matic	Symustic
5.				Definitions of Vegetation	n Strata:		
6.				Tree – Woody plants 3 i	n. (7.6 cm) oi	r more in o	diameter at
7.				breast height (DBH), re	gardless of h	eight.	
8.				Sapling/shrub - Woody	plants less t	han 3 in. D	OBH and
9.				greater than or equal to	o 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous (non-woody)	plants, reg	gardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines – All wood	ly vines great	ter than 3.	28 ft in
	110	= Total Cov	er	height.			
Woody Vine Stratum (Plot size: 30 ft)		_		Hydrophytic Vegetatio	n Present?	/es 🟒 N	lo
1.							
2.				•			
3.				•			
4.							
·	0	= Total Cov	ver	•			
Remarks: (Include photo numbers here or on a separ	ate sheet.)			_			

Sampling Point: W-JJB-08; PEM-1

Profile Deso Depth	ription: (Describe Matrix	to the de	epth needed to d Redox	ocum Feat	ient the i	ndicator	or confirm the ab	osence of indicators.)	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	l oc²	Te	exture	Remarks
0 - 8	2.5Y 3/1	100			<u>.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		Org matt	ter Silt Loam	
8 - 18	2.5Y 3/1	95	5YR 3/1	5	D	M	Silt	Loam	
	2.31 3/1		511(5)1						
		- <u> </u>							
		·							
		·							
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					. <u> </u>				
		<u> </u>							· · · · · · · · · · · · · · · · · · ·
'Type: C = C	oncentration, D =	Depletio	n, RM = Reduced	Matr	'IX, MS =	Masked	Sand Grains. ² Lo	pcation: PL = Pore Lini	ing, M = Matrix.
Hydric Soil	Indicators:				<i>c (a</i>			Indicators for Proble	ematic Hydric Soils ³ :
Histosol	(A1)		Polyvalue Be	low S	urface (S	8) (LRR F	R, MLRA 149B)	2 cm Muck (A10)) (LRR K, L, MLRA 149B)
HISUC Ep	stic (A3)		Thin Dark Su	riace v Min	(59) (LKK	(I D D K I	а 149В) \	Coast Prairie Re	dox (A16) (LRR K, L, R)
Hvdroge	n Sulfide (A4)		Loamy Gleve	d Ma	trix (F2)		.)	5 cm Mucky Pea	t or Peat (S3) (LRR K, L, R)
Stratifie	d Lavers (A5)		Depleted Ma	trix (F	-3)			Dark Surface (S7	7) (LRR K, L)
Deplete	d Below Dark Surfa	ace (A11)	Redox Dark S	Surfac	ce (F6)			Polyvalue Below	Surface (S8) (LRR K, L)
Thick Da	ark Surface (A12)		Depleted Da	rk Sui	rface (F7)			I nin Dark Surfac	
Sandy N	lucky Mineral (S1)		Redox Depre	ssion	ıs (F8)			Iron-Wanganese	Plain Soile (F12) (LRR K, L, R)
Sandy G	ileyed Matrix (S4)							Pleamont Flood	piain Solis (F19) (MERA 1498)
Sandy R	edox (S5)							Mesic Spould (17	vo) (NILKA 144A, 143, 149D) arial (E21)
Stripped	d Matrix (S6)								rk Surface (TE12)
Dark Su	rface (S7) (LRR R, N	/LRA 149	9B)					✓ Other (Explain in	n Remarks)
³ Indicators	of hydrophytic veg	etation a	and wetland hydr	ology	/ must be	e presen	t, unless disturbed	d or problematic.	······,
Restrictive I	_ayer (if observed):	:							
	Туре:		None			Hydric	Soil Present?		Yes 🟒 No
	Depth (inches):			-					
Remarks:									
Soils were a	issumed to be hyd	ric due t	o the presence o	f inur	ndation, F	ACW an	d OBL vegetation	species, and a definit	ive wetland boundary.

Hydrology Photos



Soil Photos



Project/Site: East Poin	t		City/County: Shar	ron Springs,	Schoharie		Sampling Date:	2019-May-02
Applicant/Owner: N	extEra				State: NY		Sampling Point:	W-JJB-08; PSS-1
Investigator(s): Jake	Brillo, Val Mite	chell		Sect	ion, Township, Ra	inge:		
Landform (hillslope, te	rrace, etc.):	Depression		Local relief	(concave, convex	, none):	Concave	Slope (%): 0-1
Subregion (LRR or MLR	RA): LRR	R		Lat:	42.774475501	Long:	-74.5790853538	Datum: WGS84
Soil Map Unit Name:	Madalin silt	loam, over till					NWI classific	cation:
Are climatic/hydrologic	conditions o	n the site typical	for this time of ye	ar?	Yes 🟒 No _	(If no	o, explain in Rema	rks.)
Are Vegetation,	Soil,	or Hydrology	significantly dis	sturbed?	Are "Normal (Circums	tances" present?	Yes 🟒 No
Are Vegetation,	Soil,	or Hydrology	naturally probl	lematic?	(If needed, ex	plain an	y answers in Rem	arks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🯒 No _
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-JJB-08
Remarks: (Explain alternative procedur	es here or in a separate rep	port)	
TRC covertype is PSS.			

Wetland Hydrology Indicators:				
Primary Indicators (minimum of o	ne is required; check a	all that apply)		Secondary Indicators (minimum of two required)
 ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	Wat Aqu Mar Hyd Oxio	er-Stained Leaves (B9) atic Fauna (B13) l Deposits (B15) rogen Sulfide Odor (C1) dized Rhizospheres on Living	Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Im Sparsely Vegetated Concave St 	Pres Reco Thir Jagery (B7) Otho urface (B8)	sence of Reduced Iron (C4) ent Iron Reduction in Tilled S n Muck Surface (C7) er (Explain in Remarks)	oils (C6)	Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:				
Surface Water Present?	Yes 🟒 No	Depth (inches):	1	
Water Table Present?	Yes 🖌 No	Depth (inches):	1	- Wetland Hydrology Present? Yes _∠_ No
Saturation Present?	Yes 🖌 No	Depth (inches):	0	-
(includes capillary fringe)				-
Describe Recorded Data (stream g	gauge, monitoring well	l, aerial photos, previous insp	pections), if	available:

Sampling Point: W-JJB-08; PSS-1

Tree Stratum (Plot size: 30 ft.)	Absolute	Dominant	Indicator	Dominance Test worksheet:		
	% Cover	Species?	Status	Number of Dominant Species The	^{it} 2	(A)
1				Are OBL, FACW, or FAC:		
2				Across All Strata:	2	(B)
3				Percent of Dominant Species Tha	t	
4				Are OBL, FACW, or FAC:	100	(A/B)
5.				Prevalence Index worksheet:		
6.				Total % Cover of:	<u>Multiply</u>	<u>' By:</u>
/		- Total Cau		OBL species 0	x 1 =	0
Capling/Chrub Stratum (Diat size) 15 ft)	0		er	FACW species 90	x 2 =	180
<u>Sapiing/Shrub Stratum</u> (Plot Size. <u>15 it</u>)	75	Voc		FAC species 0	x 3 =	0
	75	les	FACIN	FACU species 0	x 4 =	0
2				UPL species 0	x 5 =	0
3				Column Totals 90	(A)	180 (B)
5.				Prevalence Index = B/A	=2	
с. 				Hydrophytic Vegetation Indicator	5:	
7				1- Rapid Test for Hydrophyt	c Vegetatior	٦
/·	75	= Total Cov	er	2 - Dominance Test is >50%		
Herb Stratum (Plot size: 5 ft)			ci	4 3 - Prevalence Index is \leq 3.0	1	
1. Impatiens capensis	15	Yes	FACW	4 - Morphological Adaptatio	ns¹ (Provide	supporting
2.				data in Remarks or on a separate	sheet)	
3.				Problematic Hydrophytic Ve	getation ' (E	xplain)
4.				present unless disturbed or prof	and nydroid Iematic	igy must be
5.				Definitions of Vegetation Strata	lematic	
6.				Tree – Woody plants 3 in. (7.6 cm	or more in	diameter at
7.				breast height (DBH), regardless o	height.	
8.				Sapling/shrub – Woody plants les	s than 3 in.	DBH and
9.				greater than or equal to 3.28 ft (1	m) tall.	
10.				Herb – All herbaceous (non-wood	y) plants, re	gardless of
11.				size, and woody plants less than	3.28 ft tall.	
12.				Woody vines – All woody vines gr	eater than 3	8.28 ft in
	15	= Total Cov	ver	neight.		
Woody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic Vegetation Present	Yes 🟒 I	No
1						
2						
3						
4						
	0	= Total Cov	ver			
Remarks: (Include photo numbers here or on a sepa	arate sheet.)					

Damaha	cription: (Describe	to the c	lepth needed to d	docu	ment the	indicator or co	nfirm the ab	sence of ind	licators.)
Deptn (inchoo)	Matrix	0/	Redo:	хнеа	Tures	1.0.02	Terreture		Demonster
(incnes)	Color (moist)	<u> </u>	Color (moist)	. <u>- %</u>	Туреч	LOC ²	Texture		Remarks
0-5	2.5Y 3/1	100	4.01/0.2/6	·			Silt Loam		
5 - 18	2.5Y 3/1	90	10YR 3/6	5	C	M/PL	Clay Loam	<u>ו</u>	
5 - 18	5Y 4/1	5		·	D	<u> </u>			
				·					
¹ Type: C =	Concentration, D =	Depleti	on, RM = Reduce	d Ma	trix, MS :	= Masked Sand	Grains. ² Lo	cation: PL =	Pore Lining, M = Matrix.
Hydric Soil	Indicators:							Indicators f	or Problematic Hydric Soils ³ :
- Histoso	ol (A1)		Polyvalue Be	elow	Surface (58) (LRR R, ML	RA 149B)	2 cm M	
Histic E	pipedon (A2)		Thin Dark Su	urfac	e (S9) (LR	R R, MLRA 149	3)	Coast P	rairie Redox (A16) (I PR K I P)
Black H	listic (A3)		Loamy Mucl	ky Mi	neral (F1) (LRR K, L)		5 cm M	ucky Peat or Peat (S3) (I PP K P)
Hydrog	en Sulfide (A4)		Loamy Gleye	ed M	atrix (F2)			Dark Su	ucky reactor reac(35) (EKKK, E, K)
Stratifie	ed Layers (A5)		Depleted Ma	atrix	(F3)			Polyvalı	ie Below Surface (S8) (I RR K 1)
Deplete	ed Below Dark Surf	ace (A1	1) 🖌 Redox Dark	Surf	ace (F6)			Thin Da	rk Surface (S9) (I BR K. I)
Thick D	ark Surface (A12)		Depleted Da	ark Si	urface (F	7)		Iron-Ma	inganese Masses (F12) (LRR K. L. R)
Sandy M	Mucky Mineral (S1)		Redox Depr	essic	ons (F8)			Piedmo	nt Floodplain Soils (F19) (MI RA 149B)
Sandy (Gleyed Matrix (S4)							Mesic S	podic (TA6) (MLRA 144A, 145, 149B)
Sandy I	Redox (S5)							Red Par	rent Material (F21)
	d Matrix (S6)							Verv Sh	allow Dark Surface (TF12)
Strippe	a Matrix (50)								
Strippe Dark Sເ	urface (S7) (LRR R, I	MLRA 14	19B)					Other (I	Explain in Remarks)
Strippe Dark Su ³ Indicators	urface (S7) (LRR R, I of hydrophytic veg	VLRA 14	l9B) and wetland hyd	Irolo	gy must l	pe present, unl	ess disturbed	Other (I Other (I	Explain in Remarks) natic.
Strippe Dark Su ³ Indicators Restrictive	urface (S7) (LRR R, I of hydrophytic veg Laver (if observed)	MLRA 14 getation	l9B) and wetland hyd	Irolo	gy must l	pe present, unl	ess disturbed	Other (I d or problem	Explain in Remarks) natic.
Strippe Dark Su ³ Indicators Restrictive	urface (S7) (LRR R, I of hydrophytic veş Layer (if observed) Type:	MLRA 14 getation	I9B) and wetland hyd None	Irolo	gy must l	be present, unl	ess disturbed	Other (I d or problem	Explain in Remarks) natic
Strippe Dark Su ³ Indicators Restrictive	urface (S7) (LRR R, I of hydrophytic veg Layer (if observed) Type:	MLRA 14 getation	l9B) and wetland hyd None	Irolo	gy must l	be present, unl	ess disturbed esent?	Other (I d or problem Ye	Explain in Remarks) natic. es No
Strippe Dark Su <u>3Indicators</u> Restrictive	urface (S7) (LRR R, I of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 14 getation ::	l9B) and wetland hyd None	Irolo	gy must l	be present, unl	ess disturbed esent?	Other (I d or problem Ya	Explain in Remarks) natic. es _ 🖌 No
Strippe Dark St ³ Indicators Restrictive Remarks:	arface (S7) (LRR R, I of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 14 getation ::	l9B) and wetland hyd None	Irolo	gy must l	be present, unl	ess disturbed esent?	Other (I d or problem Yu	Explain in Remarks) natic. es _ 🖌 No
Strippe Dark Su ³ Indicators Restrictive Remarks:	arface (S7) (LRR R, I of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 14 getation ::	l9B) and wetland hyd None	Irolo,	gy must	be present, unl	ess disturbed esent?	Other (I d or problem Ya	Explain in Remarks) natic. es _ 🖌 No
Strippe Dark Su ³ Indicators Restrictive Remarks:	arface (S7) (LRR R, I of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	l9B) and wetland hyd None	Irolo,	gy must l	be present, unl	ess disturbed esent?	Other (I d or problem Ya	Explain in Remarks) natic. es No
Strippe Dark Su <u>3Indicators</u> Restrictive Remarks:	arface (S7) (LRR R, I of hydrophytic veş Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None	Irolo	gy must l	be present, unl	ess disturbed esent?	Other (I d or problem Ya	Explain in Remarks) hatic. es No
Strippe Dark Su <u>3Indicators</u> Restrictive Remarks:	arface (S7) (LRR R, I of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None	Irolo	gy must l	be present, unl	ess disturbed	Other (I	Explain in Remarks) hatic. es _ 🖌 No
Strippe Dark Su 3Indicators Restrictive Remarks:	arface (S7) (LRR R, I of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 14 getation ::	I9B) and wetland hyd None	lrolo	gy must l	be present, unl	ess disturbed	Other (I	Explain in Remarks) hatic. es _ 🖌 No
Strippe Dark Su <u>3Indicators</u> Restrictive Remarks:	arface (S7) (LRR R, I of hydrophytic veş Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None	lrolo.	gy must l	be present, unl	ess disturbed	Other (I	Explain in Remarks) natic. es No
Strippe Dark Su <u>3Indicators</u> Restrictive Remarks:	arface (S7) (LRR R, I of hydrophytic veş Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None	<u> rolo</u>	gy must l	be present, unl	ess disturbed	Other (I d or problem Ya	Explain in Remarks) natic. es No
Dark Su 3Indicators Restrictive	arface (S7) (LRR R, I of hydrophytic veş Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None	lrolo	gy must l	be present, unl	ess disturbed	Other (I	Explain in Remarks) natic. es No
Strippe Dark Su <u>3Indicators</u> Restrictive Remarks:	a india (30) arface (S7) (LRR R, I a of hydrophytic veş Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None		gy must l	be present, unl	ess disturbed	Other (I	Explain in Remarks) natic. es No
Strippe Dark Su <u>3Indicators</u> Restrictive Remarks:	arface (S7) (LRR R, I of hydrophytic veş Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None		gy must l	be present, uni	ess disturbed	Other (I	Explain in Remarks) natic. es No
Strippe Dark Su <u>3Indicators</u> Restrictive Remarks:	a india (30) arface (37) (LRR R, I of hydrophytic veş Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None		gy must l	be present, uni	ess disturbed	Other (I	Explain in Remarks) natic. esNo
Strippe Dark Su <u>3Indicators</u> Restrictive Remarks:	a inditis (30) arface (S7) (LRR R, I Layer (if observed) Type: <u>Depth (inches):</u>	MLRA 14 getation :	I9B) and wetland hyd None	lrolo	gy must l	be present, uni	ess disturbed	Other (I	Explain in Remarks) hatic. es No
Strippe Dark Su <u>3Indicators</u> Restrictive Remarks:	arface (S7) (LRR R, I of hydrophytic veş Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None	<u> rolo</u>	gy must l	be present, uni	ess disturbed	Other (I	Explain in Remarks) hatic. es No
Strippe Dark Su <u>³Indicators</u> Restrictive Remarks:	arface (S7) (LRR R, I of hydrophytic veş Layer (if observed) Type: Depth (inches):	MLRA 14 getation :	I9B) and wetland hyd None	<u> rolo</u>	gy must l	be present, uni	ess disturbed	Other (I	Explain in Remarks) hatic. es No
Strippe Dark Su <u>³Indicators</u> Restrictive Remarks:	arface (S7) (LRR R, I of hydrophytic veş Layer (if observed) Type: Depth (inches):	MLRA 14	I9B) <u>and wetland hyd</u> <u>None</u>	<u> rolo</u>	gy must l	be present, uni	ess disturbed	Other (I	Explain in Remarks) natic. es No
Strippe Dark Su <u>³Indicators</u> Restrictive Remarks:	anface (S7) (LRR R, I of hydrophytic veş Layer (if observed) Type: Depth (inches):	MLRA 14	I9B) and wetland hyd None		gy must l	be present, uni	ess disturbed	Other (I	Explain in Remarks) natic. esNo
Strippe Dark Su <u>³Indicators</u> Restrictive Remarks:	a inatia (30) arface (S7) (LRR R, I Layer (if observed) Type: 	MLRA 14	I9B) and wetland hyd None		gy must l	be present, uni	ess disturbed	Other (I	Explain in Remarks) natic. es No
Strippe Dark Su ³ Indicators Restrictive Remarks:	a inatia (30) arface (S7) (LRR R, I Layer (if observed) Type: 	MLRA 14	I9B) and wetland hyd None		gy must l	be present, uni	ess disturbed	Other (I	Explain in Remarks) natic. es No

Hydrology Photos



Soil Photos



Photo of Sample Plot



Project/Site: East Point	City/County: Sharon Springs, Schoharie	Sampling Date: 2019-May-02
Applicant/Owner: NextEra	State: NY	Sampling Point: W-JJB-08; UPL-1
Investigator(s):Jake Brillo, Val Mitchell	Section, Township, Range:	
Landform (hillslope, terrace, etc.): Hillslope	Local relief (concave, convex, none):	Convex Slope (%): 2-5
Subregion (LRR or MLRA): LRR R	Lat: 42.7748472384 Long:	-74.5794909541 Datum: WGS84
Soil Map Unit Name: Madalin silt loam, over till		NWI classification:
Are climatic/hydrologic conditions on the site typic	al for this time of year? Yes 🖌 No (If not	ა, explain in Remarks.)
Are Vegetation, Soil, or Hydrology	significantly disturbed? Are "Normal Circums	tances" present? Yes 🟒 No
Are Vegetation, Soil, or Hydrology	naturally problematic? (If needed, explain ar	ıy answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No	lf yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures her	e or in a separate report)	
TRC covertype is UPL. Area is upland, not all t	hree wetland parameter	s are present.	

Wetland Hydrology Indicators:					
Primary Indicators (minimum of or	ne is required: che	eck all that apply)		Secondary Indicators (minimum of two required)
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 		Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Li	ving Roots (C3)	Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imageny (C9)	-
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Images 	F F 1 agery (B7) C urface (B8)	Presence of Reduced Iron (C Recent Iron Reduction in Till Thin Muck Surface (C7) Other (Explain in Remarks)	4) ed Soils (C6)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) EAC-Neutral Test (D5) 	
Field Observations:					
Surface Water Present?	Yes No 🟒	Depth (inches):			
Water Table Present?	Yes 🟒 No	Depth (inches):	6	– Wetland Hydrology Present? Yes _∠_ No _	
Saturation Present?	Yes 🟒 No	Depth (inches):	0	-	
(includes capillary fringe)				-	
Describe Recorded Data (stream g	auge, monitoring (well, aerial photos, previous	inspections), if	available:	

Sampling Point: W-JJB-08; UPL-1

Tree Stratum (Plot size:30 ft)	Absolute	Dominant	Indicator	Dominance Test works	heet:		
	% Cover	Species?	Status	Are OBL EACW or EAC	pecies That	1	(A)
1. <u>Fraxinus americana</u>	35	Yes	FACU	Total Number of Domi	Dant Enocioc		
2. Juglans cinerea	10	Yes	FACU	Across All Strata	iant species	5	(B)
3				Percent of Dominant S	nacias That		
4				Are OBL FACW or FAC		20	(A/B)
5				Prevalence Index work	sheet.		
6				Total % Cover	of:	Multiply	Bv:
7				OBL species	0	x 1 =	 0
	45	= Total Cov	er	EACW species	0	×2=	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				EAC species	20	×2- ×2-	60
1. Rhamnus cathartica	20	Yes	FAC	EACU species	20	× 4 -	200
2.				-	/5	x 4 =	300
3.		· ·		UPL species	0	x 5 =	0
4.				Column lotals	95	(A) _	360 (B)
5		·		Prevalence Ir	dex = B/A =	3.8	
6				Hydrophytic Vegetation	n Indicators:		
7		······································		1- Rapid Test for H	Hydrophytic V	egetation	
/		- Total Cau		2 - Dominance Te	st is > 50%		
Hards Structure (Dist sizes - 5.66 -)	20		er	3 - Prevalence Inc	lex is $\leq 3.0^1$		
Herb Stratum (Plot size: <u>5 tt</u>)	1 -	Vee	FACU	4 - Morphological	Adaptations ¹	(Provide	supporting
1. Rubus Idaeus	15	res	FACU	data in Remarks or on	a separate sh	ieet)	
2				Problematic Hydr	ophytic Vege	tation¹ (Ex	plain)
3		·		¹ Indicators of hydric so	il and wetlan	d hydrolog	gy must be
4				present, unless disturb	ed or probler	matic	
5		·		Definitions of Vegetation	on Strata:		
6				Tree – Woody plants 3	in. (7.6 cm) or	more in o	diameter at
7				breast height (DBH), re	gardless of h	eight.	
8				Sapling/shrub - Woody	plants less t	han 3 in. D	OBH and
9				greater than or equal t	o 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous	(non-woody)	plants, reg	gardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines – All wood	dy vines great	er than 3.	28 ft in
	15	= Total Cov	er	height.			
Woody Vine Stratum (Plot size: 30 ft)		-		Hydrophytic Vegetatio	n Present?	/es N	lo 🟒
1. Clematis vitalba	15	Yes	FACU				
2							
3							
		·					
4	15	- Total Cov	or				
	15		ei				
Remarks: (Include photo numbers here or on a separate	e sheet.)						

Sampling Point: <u>W-JJB-08; UPL-1</u>

D-6 2.5Y 3/1 100 Clay Loam Clay Loam Clay Loam Deleted Natrix (MS Clay Loam Deleted Natrix Surface (S9) (LRR R, MLRA 149B) Coast Praine Redox (A16) (LRR K, L R) Statified Layers (A5) Depleted Matrix (F2) Depleted Matrix (F2) Sandy Mucky Mineral (S1) Redox Depressions (F8) Polyvalue Below Surface (S9) (LRR K, L) Sandy Gleyed Matrix (S4) Cast Praine Rate (S2) Polytalue Below Surface (S12) Sandy Redox (S5) Crast Praine Rate (F12) Coast Praine Rate (F12) Stripped Matrix (S6) Charet	inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	•	Remarks
Depict C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Solis? Histosol (A1) Polyvalue Below Surface (S3) (LRR R, MLRA 149B) Histosol (A1) Loamy Mucky Mineral (F1) (LRR K, L) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Depleted Below Dark Surface (A1) Depleted Matrix (F3) Depleted Below Dark Surface (A1) Depleted Matrix (F3) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Depleted Matrix (F3) Sandy Gleyed Matrix (S5) Depleted Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) Fredmont Floodplain Solis (F19) (MLRA 144, 145, 149B) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) Predmont Floodplain Solis (F19) (MLRA 144, 145, 149B) Licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Yes Type: Rocks Depth (inches): 6 Depth (inches): 6	0 - 6	2.5Y 3/1	100					Clay Loa	m	
De: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils*: Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) _2 cm Muck (A10) (LRR K, L, R) Histo: Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) _2 cm Muck (A10) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)					· —					
De: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils ² : Histic Dipledon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Gleyed Matrix (F2) Depleted Below Dark Surface (S7) Depleted Matrix (F2) Depleted Below Dark Surface (S7) Depleted Matrix (F2) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Thic Nark Surface (S7) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Medox Depressions (F8) Sandy Gleyed Matrix (S6) Redox Depressions (F8) Stripped Matrix (S6) Red Present(S1) (LRR K, L P8) Matrix (S6) Red Present(S1) (LRR K, I P8) Stripped Matrix (S6) Red Present(S1) (LRR K, I P8) Stripped Matrix (S6) Red Present(S1) (LRR R, MLRA 149B) Licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Trick Soil Present? Type: Rocks Hydric Soil Present? Yes Depth (inches): 6 hydric Soil Present? Yes										
Des: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils?: Histic Soil Indicators: Indicators for Problematic Hydric Soils?: Histic Epipedon (A2)									·	
De: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils ³ : Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histosol (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, R) Black Histic (A3) Loamy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Dark Surface (S9) (LRR K, L) Depleted Below Dark Surface (A11) Redox Dark Surface (F7) Thin Dark Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1) Redox Depressions (F8) Trin Dark Surface (S9) (LRR K, L, R) Sandy Redox (S5) Red Parent Material (F21) Toy MLRA 149B) Stripped Matrix (S6)									·	
De: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils ² : Histic Soil (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F2) Stratified Layers (A5) Depleted Matrix (F2) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Sandy Gleyed Matrix (S6) Red Parent Material (F1) Dark Surface (S7) (LRR R, MLRA 149B)										
De: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils?: Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histosol (A2)										
De: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Iric Soil Indicators: Indicators for Problematic Hydric Soils ² : Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histosol (A2)					_					
be: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Iric Soil Indicators: Indicators for Problematic Hydric Soils ³ : Histosol (A1)Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Depleted Matrix (F2) Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thic Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Redox (S5)										
Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histosol (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR K, L) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Sandy Redox (S5) Redox Depressions (F8) Stripped Matrix (S6) Redox Deressions (F8) Dark Surface (S7) (LRR R, MLRA 149B) Micators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Trictive Layer (if observed): Type: Rocks Depth (inches): 6	pe: C = (hric Soil	Concentration, D = Indicators:	Depletio	n, RM = Reduced	Mati	rix, MS =	Masked Sa	and Grains. ² Lo	ocation: PL =	Pore Lining, M = Matrix.
Histic Epipedon (A2)	Histoso	I (A1)		Polyvalue Bel	ow S	urface (S	8) (LRR R,	MLRA 149B)	2 cm M	uck (A10) (I RR K. L. MI RA 149B)
Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Dolyvalue Below Surface (S8) (LRR K, L) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (S9) (LRR K, L) Thick Dark Surface (A12) Depleted Dark Surface (F7) Iron-Manganese Masses (F12) (LRR K, L, R) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Redox (S5)	Histic E	oipedon (A2)		Thin Dark Su	rface	(S9) (LRR	R, MLRA	149B)	Coast P	rairie Redox (A16) (LRR K, L, R)
Hydrogen Sulfide (A4)Loamy Gleyed Matrix (F2)	Black H	istic (A3)		Loamy Mucky	y Min	eral (F1)	(LRR K, L)		5 cm M	ucky Peat or Peat (S3) (LRR K, L, R)
Stratified Layers (A5)	Hydrog	en Sulfide (A4)		Loamy Gleye	d Ma	trix (F2)			Dark Su	rface (S7) (LRR K, L)
Depleted Berow Dark Surface (A12)	Stratifie	d Layers (A5) d Bolow Dark Surfs	CO (A11)	Depleted Ma	trix (F	-3) -0 (E6)			Polyvalı	ue Below Surface (S8) (LRR K, L)
Index Dark Sufface (112) Sandy Gleyed Matrix (S6) <tb> <tb> <tb> <tb> <tb> <th< td=""><td>Thick D</td><td>u Below Dark Surra ark Surface (A12)</td><td>ice (ATT)</td><td>Depleted Dark</td><td>k Su</td><td>face (FO)</td><td></td><td></td><td> Thin Da</td><td>rk Surface (S9) (LRR K, L)</td></th<></tb></tb></tb></tb></tb>	Thick D	u Below Dark Surra ark Surface (A12)	ice (ATT)	Depleted Dark	k Su	face (FO)			Thin Da	rk Surface (S9) (LRR K, L)
Sandy Gleyed Matrix (S4)	Sandy M	Aucky Mineral (S1)		Beday Depre	ssion	s (F8)			Iron-Ma	inganese Masses (F12) (LRR K, L, R)
Sandy Redox (S5)	Sandy	Loved Matrix (S4)			551011	5(10)			Piedmo	nt Floodplain Soils (F19) (MLRA 149B)
Sandy RedOx (35)	Sandy C	Dedex (SE)							Mesic S	podic (TA6) (MLRA 144A, 145, 149B)
Stripped Matrix (So)		d Matrix (SC)							Red Par	ent Material (F21)
Dark Surface (S/) (LRK R, MLKA 1495) Other (Explain in Remarks) licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed):	_ Strippe	u Matrix (S6)							Very Sh	allow Dark Surface (TF12)
licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type:	_ Dark Su	(17) (LKK K, W	ILKA 145	7D)					Other (I	Explain in Remarks)
Type: Rocks Depth (inches): 6 Type: Rocks	dicators	of hydrophytic veg	etation a	and wetland hydr	olog	/ must be	e present,	unless disturbe	d or problem	natic.
Depth (inches): 6 narks:	strictive	Type.		Rocks			Hydric So	nil Present?	,	res No./
narks:		Denth (inches):		6	•		i iyane s	in resent.		
	narks:	Depth (menes).		0						
	narks.									

Hydrology Photos



Vegetation Photos

Northcentral and Northeast Region -- Version 2.0 Adapted by TRC

Soil Photos



Photo of Sample Plot



Project/Site: East Point		City/County: Sharon Springs,	Schoharie		Sampling Date:	2019-May-02
Applicant/Owner: NextEra			State: NY		Sampling Point: <u>W</u>	-JJB-08; UPL-2
Investigator(s): Jake Brillo, V	al Mitchell	Sect	ion, Township, Ra	inge:		
Landform (hillslope, terrace, e	tc.): Hillslope	Local relief	(concave, convex,	, none):	Convex	Slope (%): 2-5
Subregion (LRR or MLRA):	LRR R	Lat:	42.7741132351	_Long:	-74.5790197235	Datum: WGS84
Soil Map Unit Name: Mada	lin silt loam, over till				NWI classifica	tion:
Are climatic/hydrologic condit	ions on the site typical	for this time of year?	Yes 🟒 No 🔄	(lf no	, explain in Remark	(S.)
Are Vegetation, Soil	_, or Hydrology	significantly disturbed?	Are "Normal (Circumst	ances" present?	Yes 🟒 No
Are Vegetation, Soil	_, or Hydrology	naturally problematic?	(If needed, ex	plain an	answers in Remai	rks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No _	lf yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures he	re or in a separate report)		
TRC covertype is UPL. Area is upland, not all	three wetland parameters	s are present.	

Wetland Hydrology Indicators:				
Primary Indicators (minimum of on	e is required; check all that	apply)	Secondary Indicators (minimum of	<u>f two required)</u>
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	Water-Stai Aquatic Fa Marl Depo Hydrogen Oxidized R	ned Leaves (B9) una (B13) sits (B15) Sulfide Odor (C1) hizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Ima 	agery (C9)
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Sui	Presence of Recent Iro Thin Muck gery (B7) Other (Exp rface (B8)	of Reduced Iron (C4) n Reduction in Tilled Soils (C6) Surface (C7) lain in Remarks)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5))
Field Observations:				
Surface Water Present?	Yes No 🟒	Depth (inches):		
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present?	Yes No 🟒
Saturation Present?	Yes No 🟒	Depth (inches):		
(includes capillary fringe)			-	
Describe Recorded Data (stream ga	auge, monitoring well, aeria	l photos, previous inspections), if a	available:	

Sampling Point: W-JJB-08; UPL-2

1. Fraxinus americana 30 Yes FACU Are OBL, FACV, or FAC; J J (N) 2. Total Number of Dominant Species 4 (B) 3. Across All strata; Percent of Dominant Species 4 (B) 4. Percent of Dominant Species Total Number of Dominant Species 4 (B) 5. Percent of Dominant Species Total Score of. Multiply By: 7. Total Score of. Multiply By: OB Across All Strata; 0 7. Total Cover FACW species 0 x 2 = 20 1. Rhamnus cathartica OB X 3 = 30 X 4 = 120 2. Prevalence Index B/A = 3	<u>iree stratum</u> (Plot size. <u></u>)	% Cover	Species?	Status	Number of Dominant	Species That	2	(A)
2.	1. Fraxinus americana	30	Yes	FACU	Are OBL, FACW, or FA	C:		(A)
3. A. Loss M status 75 (A/B 4. A. Loss M status 75 (A/B 5. A. Loss M status 75 (A/B 6. A. Loss M status Prevalence index worksheet: 75 (A/B 7. 30 = Total Cover FACW species 10 x 2 = 20 7. 30 = Total Cover FACW species 30 x 3 = 90 1. Rhamnus cathartica 15 Yes FAC FACU species 30 x 4 = 120 VPL species 0 x 5 = 0 Column Totals 70 (A) 230 (B Prevalence index = B/A = 3.3. - <t< td=""><td>2.</td><td></td><td></td><td></td><td colspan="2">Total Number of Dominant Species</td><td>4</td><td>(B)</td></t<>	2.				Total Number of Dominant Species		4	(B)
4. Precent optimize species that for the constraint of t	3				ACTOSS All Strata.	Coocies That		
5. Prevalence index worksheet: 6.	4				Are OBL, FACW, or FA	C:	75	(A/B)
6.	5				Prevalence Index wor	ksheet:		
7.	6				Total % Cove	er of:	Multiply	By:
30 = Total Cover FACW species 10 x 2 = 20 1. <i>Rhamnus cathartica</i> 15 Yes FAC 2. FAC species 30 x 3 = 90 7. <t< td=""><td>7</td><td></td><td></td><td></td><td>OBL species</td><td>0</td><td>x 1 =</td><td>0</td></t<>	7				OBL species	0	x 1 =	0
Sapling/Shrub Stratum (Plot size: _15 ft_) 15 Yes FAC FAC species 30 x 3 = 90 1 Rhamnus cathartica 15 Yes FAC FAC uspecies 30 x 4 = 120 2		30	= Total Cov	er	FACW species	10	x 2 =	20
1. khamnus cathartica 15 Yes FAC FACU species 30 x 4 = 120 2.	<u>Sapling/Shrub Stratum</u> (Plot size: <u>15 ft</u>)				FAC species	30	x 3 =	90
2	1. <i>Rhamnus cathartica</i>	15	Yes	FAC	FACU species	30	x 4 =	120
3.	2					0	×5=	0
4.	3				Column Totals		× J = _	220 (P)
5.	4				Prevalence	Index = B/A =	3.3	230 (B)
6.	5					on Indicators:		
7.	6				1- Ranid Test for	Hydrophytic V	logotation	
15 = Total Cover 3. Prevalence Index is ≤ 3.01 1. Heracleum maximum 10 Yes FACW 2.	7					Thydrophytic V	egetation	
Herb Stratum (Plot size: _5 ft)		15	= Total Cov	er	2 - Dominance i	dov is - 2.01		
1. Heracleum maximum 10 Yes FACW 2.	<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				3 - Prevalence in	$10ex 1S \leq 5.0^{\circ}$	1 (Drovida	cupporting
2.	1. Heracleum maximum	10	Yes	FACW	4 - Morphologica	ai Auaptations	(Provide	supporting
3.	2.				Problematic Hyd	trophytic Vege	tation1 (Ex	(nlain)
4.	3.				Indicators of bydrics	oil and wetlan	d bydrolo	gy must be
5.	4.				nresent unless distur	bed or proble	u Hyurolo matic	gy must be
6.	5.				Definitions of Vegetat	ion Strata	indic	
7.	6.				Tree - Woody plants	Bin (7.6 cm) or	r more in	diameter at
8.	7.				breast height (DBH), r	regardless of h	eight.	
9.	8.				Sapling/shrub - Wood	dy plants less t	han 3 in. I	OBH and
10.	9.				greater than or equal	to 3.28 ft (1 m) tall.	
11.	10.				Herb – All herbaceou	s (non-woody)	plants, re	gardless of
12.	11.				size, and woody plant	ts less than 3.2	8 ft tall.	
Image: Moody Vine Stratum (Plot size: _30 ft) 10 = Total Cover height. 1. Vitis riparia 15 Yes FAC 2	12.				Woody vines – All wo	ody vines great	ter than 3	.28 ft in
Woody Vine Stratum (Plot size: _30 ft) Hydrophytic Vegetation Present? Yes ∠ No 1. Vitis riparia 15 Yes FAC 2		10	= Total Cov	er	height.			
1. Vitis riparia 15 Yes FAC 2.	Woody Vine Stratum (Plot size: <u>30 ft</u>)		-		Hydrophytic Vegetat	ion Present?	Yes 🟒 N	lo
2	1. <i>Vitis riparia</i>	15	Yes	FAC				
3.	2.							
4 = Total Cover	3.				•			
<u> </u>	4				•			
		15	= Total Cov	er	•			
			-					

nchec)	Color (maint)	04	Color (moist)	04	Tupol	1002	Toyture					Pomarks
ncnes)		<u>%0</u> 100	Color (moist)		Туре	L0C ²	Silt Loam					Remarks
) - 10	1018 3/2	100					SIILLUAII	·				
				- —								
<u> </u>												
e: C = C	Concentration, D = I	Depletio	on, RM = Reduced	Matr	ix, MS =	Masked Sanc	Grains. ² L	ocation: PL = Po	re Lii	nir	ig, I	M = Matrix.
lictoral	Indicators:				urface (C			Indicators for	Prob	ler	nat	tic Hydric Solis ³ :
HISLOSOI Histic Fr	r (AT) Dinedon (A2)		Polyvalue Be	iow Si rface	uriace (S- (S9) (I RR	8) (LRR R, ML R MIRA 140	RA 149B) R)	2 cm Mucl	(A10)) (LRF	R K, L, MLRA 149B)
Black Hi	istic (A3)		Loamv Muck	v Min	eral (F1)	(LRR K. L)	5)	Coast Prai	rie Re	ed() xc	A16) (LRR K, L, R)
Hydroge	en Sulfide (A4)		Loamy Gleye	, d Mat	rix (F2)	. , ,		5 cm Mucł	y Pe	at	or H	Peat (S3) (LRR K, L, R)
Stratifie	d Layers (A5)		Depleted Ma	trix (F	3)			Dark Suria	ce (S Zelev	/) c	(LK	
Deplete	d Below Dark Surfa	ce (A11) Redox Dark S	Surfac	e (F6)			Polyvalue	Surf	N 2		
Thick Da	ark Surface (A12)		Depleted Dar	rk Sur	face (F7)			Initi Dark	anas		(): //) :	
	A set as NAtion and I (CA)		Redox Depre	ssion	s (F8)					с і	vias	5565 (FTZ) (LKK K, L, K)
Sandy N	/lucky Mineral (ST)		Redox Depre	55.5.1	- ()			Diadmont		Int	nin	Soile (E10) (MI DA 1/00)
Sandy N Sandy G	Gleyed Matrix (S4)				- ()			Piedmont	+1000 Hic (T	'api 'a∈	ain	Soils (F19) (MLRA 149B)
Sandy N Sandy G Sandy R	Gleyed Matrix (S4) Redox (S5)				- (/			Piedmont Mesic Spo	HOOG dic (T	dpl A6	ain) (N	Soils (F19) (MLRA 149B) /ILRA 144A, 145, 149B) (F21)
Sandy N Sandy G Sandy R Stripped	Glucky Mineral (ST) Gleyed Matrix (S4) Redox (S5) d Matrix (S6)				- (-)			Piedmont Mesic Spo Red Paren Very Shall	HOOG dic (T t Mat wy D	dpl A6 cer	ain) (N ial (Soils (F19) (MLRA 149B) /ILRA 144A, 145, 149B) (F21) urface (TE12)
Sandy N Sandy G Sandy R Stripped Dark Su	Glucky Minerai (ST) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M	ILRA 149	9B)		- ()			Piedmont Mesic Spo Red Paren Very Shallo Other (Exp	dic (T t Mat w D lain i	apl A6 arl	ain) (N ial (c Su Ren	Soils (F19) (MLRA 149B) /ILRA 144A, 145, 149B) (F21) urface (TF12) narks)
Sandy N Sandy G Sandy R Stripped Dark Su licators	ofucky Mineral (ST) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic yegy	ILRA 149	PB)	rology	v must be	e present, un	ess disturbe	Piedmont Mesic Spo Red Paren Very Shallo Other (Exp ed or problemati	FIOOC dic (T t Mat bw D lain i c.	ark in l	ain) (N ial (c Su Ren	Soils (F19) (MLRA 149B) /ILRA 144A, 145, 149B) (F21) urface (TF12) narks)
Sandy N Sandy G Sandy R Stripped Dark Su licators trictive I	Glucky Mineral (ST) Sleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic veg Laver (if observed):	ILRA 149	9 B) and wetland hydr	rology	v must be	e present, un	ess disturbe	Piedmont Mesic Spo Red Paren Very Shallo Other (Exp ed or problemati	fiood t Mat ow D lain i c.	arl	ain) (N ial (c Su Ren	Soils (F19) (MLRA 149B) /LRA 144A, 145, 149B) (F21) urface (TF12) narks)
Sandy N Sandy C Sandy R Stripped Dark Su licators trictive I	Glucky Minerai (ST) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic veg Layer (if observed): Type:	ILRA 14	PB) and wetland hydr None	rology	v must be	e present, un	ess disturbe Present?	Piedmont Mesic Spo Red Paren Very Shallo Other (Exp ed or problemati	FIOOC dic (T t Mat bw D lain i c.	arl	ain) (N ial (c Su Ren	Soils (F19) (MLRA 149B) /LRA 144A, 145, 149B) (F21) urface (TF12) narks)
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Sandy N Sandy C Sandy R Stripped Dark Su icators rictive I	Glucky Mineral (ST) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic veg Layer (if observed): Type: Depth (inches):	etation a	9 B) and wetland hydr	rology -	r must be	e present, un Hydric Soil I	ess disturbe Present?	Piedmont Mesic Spo Red Paren Very Shalld Other (Exp ed or problemati	fiood dic (T t Mat ow D lain i c.	arl	ain) (N ial ((Su Ren	Soils (F19) (MLRA 149B) /LRA 144A, 145, 149B) (F21) urface (TF12) narks)
andy M Gandy C Gandy R Gtripped Dark Su Cators rictive I arks:	Glexed Matrix (S4) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches):	etation a	9 B) and wetland hydr	rology	r must be	e present, un Hydric Soil I	ess disturbe Present?	Piedmont Mesic Spo Red Paren Very Shalld Other (Exp ed or problemati	Flood dic (T t Mat ow D lain i c.	arl	ain) (N ial (C Su Ren	Soils (F19) (MLRA 149B) /LRA 144A, 145, 149B) (F21) urface (TF12) narks)
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andy M andy G andy R itripped Dark Su cators rictive I arks:	Glucky Mineral (ST) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches):	etation a	9B) and wetland hydr None	rology -	r must be	e present, un Hydric Soil I	ess disturbe Present?	Piedmont Mesic Spo Red Paren Very Shalld Other (Exp ed or problemati	Flood dic (T t Mat bw D lain i c.	arl	ain) (N ial (C Su Ren	Soils (F19) (MLRA 149B) /LRA 144A, 145, 149B) (F21) urface (TF12) marks)
andy M andy C andy R tripped Dark Su <u>cators</u> rictive I arks:	Glucky Mineral (ST) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches):	etation a	9 B) and wetland hydr None	rology	r must be	e present, un Hydric Soil I	ess disturbe Present?	Piedmont Mesic Spo Red Paren Very Shalld Other (Exp ed or problemati	flood dic (T t Mat bw D lain i c.	dpl A6 arl	ain) (N ial (: Su Ren	Soils (F19) (MLRA 149B) /LRA 144A, 145, 149B) (F21) urface (TF12) narks)
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Vegetation Photos



Photo of Sample Plot

Project/Site: East Poin	roject/Site: East Point City/County: Clifton Parl					Sampling Date:	e: 2018-May-24		
Applicant/Owner: N	Applicant/Owner: NextEra				New York	Sampling Point:	W-MJR-18; PUB-1		
Investigator(s): Matt	Regan, Kaylee	ip, Range:							
Landform (hillslope, te	rrace, etc.):	excavated artificial pond	Local relief (co	oncave, co	onvex, none):	Concave	Slope (%): 2-5		
Subregion (LRR or MLR	A): LRR L		Lat: 42	2.867582	Long:	-73.7819397	Datum: WGS84		
Soil Map Unit Name:	NdC3: Nunda	e channery silt loam, 10 to 20	percent slopes, erc	oded		NWI classification:			
Are climatic/hydrologic	conditions on	the site typical for this time	of year?	Yes 🟒	No (If no	o, explain in Rema	rks.)		
Are Vegetation,	Soil,	or Hydrology significant	ly disturbed?	Are "No	rmal Circums	tances" present?	Yes 🟒 No		
Are Vegetation,	Soil,	or Hydrology naturally p	problematic?	(If need	ed, explain an	y answers in Rem	arks.)		

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No _
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-MJR-18
Remarks: (Explain alternative procedure	es here or in a separate rep	hort)	
TRC covertype is PUB.			
51			

Wetland Hydrology Indicators:				
Primary Indicators (minimum of or	ne is required; check all	<u>that apply)</u>		Secondary Indicators (minimum of two required)
 ✓ Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	Water Aquati Marl D Hydro Oxidiz	-Stained Leaves (B9) ic Fauna (B13) peposits (B15) gen Sulfide Odor (C1) ed Rhizospheres on Living	Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	Preser Recen Thin M agery (B7) Other ırface (B8)	nce of Reduced Iron (C4) t Iron Reduction in Tilled So Iuck Surface (C7) (Explain in Remarks)	oils (C6)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:				
Surface Water Present?	Yes 🟒 No	Depth (inches):	36	
Water Table Present?	Yes 🟒 No	Depth (inches):	0	Wetland Hydrology Present? Yes No
Saturation Present?	Yes 🟒 No	Depth (inches):	0	
(includes capillary fringe)				
Describe Recorded Data (stream g	auge, monitoring well, a	erial photos, previous insp	pections), if	available:

Sampling Point: W-MJR-18; PUB-1

Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That		0	(Δ)
			Are OBL, FACW, or FAC	:	0	(A)
			Total Number of Domi	nant Species	0	(B)
			Across All Strata:			(2)
			Percent of Dominant S	pecies That		(A/B)
			Are OBL, FACW, or FAC			
			 Prevalence Index work 	sheet:		
			- <u>Total % Cover</u>	<u>of:</u>	Multiply	<u>By:</u>
0	= Total Cover		— OBL species	0	x 1 =	0
<u> </u>			FACW species	0	x 2 =	0
_)			FAC species	0	x 3 =	0
·			 FACU species 	0	x 4 =	0
·			 UPL species 	0	x 5 =	0
			- Column Totals	0	(A)	0 (B)
			Prevalence l	ndex = B/A =		
			- Hydrophytic Vegetatio	n Indicators:		
			- 1- Rapid Test for	Hydrophytic V	egetation	
			2 - Dominance Te	est is > 50%	-8	
0	= Total Cover		3 - Prevalence Inc	dex is $< 3.0^{1}$		
			4 - Morphologica	l Adaptations ¹	(Provide	supporting
			 data in Remarks or on 	a separate sh	leet)	subber m.9
. <u> </u>			Problematic Hvdi	rophytic Vege	tation ¹ (Ex	plain)
			¹ Indicators of hydric so	oil and wetlan	d hydrolo	zv must be
			present, unless disturb	ped or problem	natic	5,
			Definitions of Vegetati	on Strata:		
			Tree – Woody plants 3	in. (7.6 cm) or	more in o	diameter at
			breast height (DBH), re	egardless of h	eight.	
			Sapling/shrub - Wood	y plants less tl	han 3 in. D	BH and
			greater than or equal t	to 3.28 ft (1 m) tall.	
			Herb – All herbaceous	(non-woody)	plants, reg	ardless of
			size, and woody plants	less than 3.2	8 ft tall.	
			Woody vines – All woo	dy vines great	er than 3.	28 ft in
	- Total Cover		— height.			
0			Hydrophytic Vegetatio	on Present?	res 🖌 N	lo
			-			
			—			
			—			
			_ _ _			
		Cover Species:	Cover Species/ Status	Cover Species/ Status Number of Dominants Are OBL, FACW, or FAC Total Number of Dominants Across All Strata: Percent of Dominants Are OBL, FACW, or FAC Prevalence Index work Total % Cover 0 = Total Cover FACW species J FACU species FACU species Column Totals Prevalence Index work Image: Species FACU species Column Totals Prevalence Index work Image: Species FACU species Column Totals Prevalence Index work Image: Species FACU species Image: Species Column Totals Image: Species Column Totals Image: Species Prevalence Index Image: Species Image: Species Image: Species Image: Species </td <td>Cover Species/ Status Induities of Dominant Species mut Are OBL, FACW, or FAC: Total Number of Dominant Species That Are OBL, FACW, or FAC: Percent of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Image: Definition of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Image: Definition of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Image: Definition of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Image: Definition of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index estimation Image: Definition of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index estimation Image: Definition of Prevalence Index estimation Image: Definition of Vegetation Indicators: Image: Definition of Vegetation Strate: Image: Definitions of Vegetation Strate: Image: Definitions of Vegetation Strate: <!--</td--><td>Cover Species Status Number of Dominant Species Inter 0 Are OBL, FACW, or FAC: Total Number of Dominant Species 0 Across All Strata: Percent of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Image: Cover Prevalence Index worksheet: Image: Cover O Are OBL, FACW, or FAC: Prevalence Index worksheet: Image: Cover FAC species Image: Cover Image: Cover Image: Cover</td></td>	Cover Species/ Status Induities of Dominant Species mut Are OBL, FACW, or FAC: Total Number of Dominant Species That Are OBL, FACW, or FAC: Percent of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Image: Definition of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Image: Definition of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Image: Definition of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Image: Definition of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index estimation Image: Definition of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index estimation Image: Definition of Prevalence Index estimation Image: Definition of Vegetation Indicators: Image: Definition of Vegetation Strate: Image: Definitions of Vegetation Strate: Image: Definitions of Vegetation Strate: </td <td>Cover Species Status Number of Dominant Species Inter 0 Are OBL, FACW, or FAC: Total Number of Dominant Species 0 Across All Strata: Percent of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Image: Cover Prevalence Index worksheet: Image: Cover O Are OBL, FACW, or FAC: Prevalence Index worksheet: Image: Cover FAC species Image: Cover Image: Cover Image: Cover</td>	Cover Species Status Number of Dominant Species Inter 0 Are OBL, FACW, or FAC: Total Number of Dominant Species 0 Across All Strata: Percent of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Image: Cover Prevalence Index worksheet: Image: Cover O Are OBL, FACW, or FAC: Prevalence Index worksheet: Image: Cover FAC species Image: Cover Image: Cover Image: Cover

inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ² Textu	ire	Remarks
						. <u> </u>		
				- —				
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				- —				
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e: C = Con	centration, D = D	epleti	on, RM = Reduce	d Mat	trix, MS =	Masked Sand Grains	. ² Locatio	n: PL = Pore Lining, M = Matrix.
ric Soil Ind	licators:		Dobashuo Br		Surface (S		India	cators for Problematic Hydric Solls ³ :
Histic Epip	edon (A2)		Thin Dark Su	urface	surface (S e (S9) (LRR	o) (LKR R, MLRA 149) R. MLRA 149B)	D)2	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Black Histi	c (A3)		Loamy Mucl	ky Mir	neral (F1)	(LRR K, L)		Coast Prairie Redox (A16) (LRR K, L, R)
Hydrogen	Sulfide (A4)		Loamy Gleye	ed Ma	atrix (F2)			Dark Surface (S7) (I RP K 1)
Stratified L	ayers (A5)		Depleted Ma	atrix ((F3)		L	Polyvalue Below Surface (S8) (LRR K. L)
Depleted F		-0 (A1	1) Deday David	Surfa	ice (F6)		·	
Depieted E	Below Dark Surfac		I) Redox Dark					Thin Dark Surface (S9) (LRR K. L)
Thick Dark	Selow Dark Surface Surface (A12)		Depleted Da	irk Su	irface (F7)		1	Thin Dark Surface (S9) (LRR K, L) ron-Manganese Masses (F12) (LRR K, L, R)
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Photo of Sample Plot



Project/Site: East Point		City/Coun	ty: Sharon Spring	gs, Schoharie	County	Sampling Date: 2018-May-24		
Applicant/Owner: NextEra				State:	New York	Sampling Point: \	W-MJR-18; UPL-1	
Investigator(s): Matt Re	egan, Kaylee T	hip, Range:						
Landform (hillslope, terra	ace, etc.):	Hilltop	Local reli	ef (concave,	convex, none):	Convex	Slope (%): 2-5	
Subregion (LRR or MLRA)	LRR L		La	t: 42.794700	01 Long:	-74.5701692	Datum: WGS84	
Soil Map Unit Name: N	NdC3: Nunda o	channery silt loam, 10 to	20 percent slope	s, eroded		NWI classific	ation:	
Are climatic/hydrologic co	onditions on t	he site typical for this tir	ne of year?	Yes 🖌	_ No (If no	o, explain in Remai	rks.)	
Are Vegetation, Sc	oil, or	r Hydrology signific	antly disturbed?	Are "N	ormal Circums	tances" present?	Yes 🟒 No	
Are Vegetation, Sc	oil, or	r Hydrology natura	lly problematic?	(If nee	ded, explain an	y answers in Rema	arks.)	

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No											
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒									
Wetland Hydrology Present?	Yes No	lf yes, optional Wetland Site ID:										
Remarks: (Explain alternative procedures her	Remarks: (Explain alternative procedures here or in a separate report)											
TRC covertype is UPL. Area is upland, not all t	hree wetland parameter	s are present.										

Wetland Hydrology Indicators:				
Primary Indicators (minimum of on	e is required; check all that	apply)	Secondary Indicators (minimum of	<u>f two required)</u>
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	Water-Stai Aquatic Fa Marl Depo Hydrogen Oxidized R	ned Leaves (B9) una (B13) sits (B15) Sulfide Odor (C1) hizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Ima 	agery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Sur 	Presence o Recent Iro Thin Muck gery (B7) Other (Exp rface (B8)	of Reduced Iron (C4) n Reduction in Tilled Soils (C6) Surface (C7) lain in Remarks)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5))
Field Observations:				
Surface Water Present?	Yes No 🟒	Depth (inches):		
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present?	Yes No 🟒
Saturation Present?	Yes No 🟒	Depth (inches):		
(includes capillary fringe)			-	
Describe Recorded Data (stream ga	auge, monitoring well, aeria	l photos, previous inspections), if a	available:	

Sampling Point: W-MJR-18; UPL-1

True Churchard (Distriction 20.6)	Absolute	Dominant	Indicator	Dominance Test works	heet:		
<u>Tree Stratum</u> (Plot size: <u>30 It</u>)	% Cover	Species?	Status	Number of Dominant S	Species That	1	(A)
1				Are OBL, FACW, or FAC	:	· · ·	(/ ()
2.				Total Number of Domin	hant Species	3	(B)
3.				Across All Strata:			
4.				Percent of Dominant S	pecies That	33.3	(A/B)
5.				Are OBL, FACW, or FAC			
6.				Prevalence Index work	sneet:		D
7.				OBL spacios	<u>or:</u>		<u>ву:</u>
	0	= Total Cov	er		0	x I =	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)		-		FACW species	10	x 2 =	20
1. Cornus alba	10	Yes	FACW	FAC species	0	x 3 =	0
2.				FACU species	/5	x 4 =	300
3.				UPL species	0	x 5 =	0
4.				Column Totals	85	(A)	320 (B)
		<u> </u>		Prevalence Ir	ndex = B/A =	3.8	
6				Hydrophytic Vegetation	n Indicators:		
7				1- Rapid Test for H	Hydrophytic V	egetation/	
/·	10	= Total Cov	or	2 - Dominance Te	st is > 50%		
Herb Stratum (Plot size: 5 ft)	10			3 - Prevalence Inc	lex is $\leq 3.0^1$		
1 Pop protonsis	50	Voc	EACU	4 - Morphological	Adaptations ¹	(Provide	supporting
2 Galium mollugo	25	Voc	EACU	data in Remarks or on	a separate sh	ieet)	
	25	163	FACO	Problematic Hydr	ophytic Vege	tation ¹ (Ex	plain)
J				¹ Indicators of hydric so	il and wetlan	d hydrolog	gy must be
4		•		present, unless disturb	ed or probler	matic	
5.				Definitions of Vegetation	on Strata:		
6				Tree – Woody plants 3	in. (7.6 cm) or	r more in o	diameter at
/				breast height (DBH), re	gardless of h	eight.	
8				Sapling/snrub - Woody	/ plants less ti	han 3 in. L	BH and
9					(1) 0 0.20 IL (1 III) ldll. planta rad	rardlass of
10				size and woody plants	less than 3.2	piants, reg 8 ft tall	sal uless of
11				Woody vines - All wood	loss than 5.2	ter than 3	28 ft in
12				height.	ay vines great	ter than 5.	201111
	75	= Total Cov	er	Hydrophytic Vogotatio	n Drocont2		
Woody Vine Stratum (Plot size: <u>30 ft</u>)					in Present?	res iv	IU <u>7</u>
1							
2							
3							
4							
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a separate	sheet.)			_			

Sampling Point: W-MJR-18; UPL-1

Lock Texture Remarks 0-3 10/R 3/3	Depth Matrix	Redo	x Features			- ·		
03 10/H 4/3	inches) Color (moist)	<u>%</u> Color (moist)	<u>%</u> Type ¹	Loc ² Textu	re	Remarks		
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators: Histos Coll Indicators: Indicators for Problematic Hydric Solis? Histos Concentration, D = Depletion, RM = Reduced Matrix, K12 Coast Prairle Redux, K16 (LRR K, L, MLRA 1498) Jack Histo (A3) Loamy Mucky Mineral (F1) (LRR K, L Stratified Layers (A5) Depleted Matrix (F2) Depleted Matrix (F2) Depleted Matrix (F2) Sandy Mucky Mineral (F1) Redox Dark Surface (F7) Inick Dark Surface (A11) Redox Depressions (F8) Stratified Layer (F1) Mesic Spoilt (TA6) (URR K, LR, K, LS, MERA 1498) Sandy Redox (S5) Hest Spoilt (TA6) (URA 144A, 145, 149 Stratise (TS) Redox Depressions (F8) Stratise (T9) Other (Explain In Remarks) dicators of Hydrophytic vegetation and wetland hydrology must be present? Very Shallow Dark Surface (TF12) Dark Surface (T9) Other (Explain In Remarks) dicators of Hydrophytic v	0-3 10YR 3/3	·		Loamy S	Sand			
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pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators for Problematic Hydric Solis? Indicators for Problematic Hydric Solis? Histosol (A1)								
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. PLocation: PL = Pore Lining, M = Matrix. fric Soil Indicators: Histoscipledon (A2) — Thin Dark Surface (S8) (LRR R, MLRA 1498) Black Histic (A3) — Loamy Mucky Mineral (F1) (LRR K, L) S traffied Layers (A5) — Depleted Matrix (F2) — Depleted Matrix (F2) — Depleted Matrix (F3) — Depleted Matrix (F3) — Depleted Matrix (F3) — Depleted Matrix (F3) — Polyvalue Below Surface (S8) (LRR K, L R Sandy Mucky Mineral (S1) — Redox Dark Surface (F6) — Thin Dark Surface (S9) (LRR K, L R) — Polyvalue Below Surface (S9) (LRR K, L R) = Pore Lining, M = Matrix (S4) — Depleted Matrix (S4) — Depleted Matrix (S4) — Polyvalue Below Surface (F7) — Thin Dark Surface (F7) — Polyvalue Below Surface (F12) — Polyvalue Below Surface (F12) = Pore Lining, M = Matrix (S4) — Polyvalue Below Surface (F12) — Polytalia Nolls (F14) (Nicka 144, 145, 149 = Polytalia Nolls (F16) + Polytalia Nolls (F16) + Polytalia Nolls (F16) + Polytalia Nolls (F16) + Polytalia								
pe C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains, * 1/coction, P = Pore Lining, M = Matrix. Indicators for Problematic Hydric Soli8? Histisce Jopedon (A2)		· <u> </u>						
Jric Soil Indicators: Indicators for Problematic Hydric Soils? Histosol (A1) Polyvalue Below Surface (S9) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Black Histic Capiedon (A2) Thin Dark Surface (S9) (LR R, MLRA 149B) Coast Printe Redox (A16) (LRR K, L, R) Black Histic (X3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Muck (A10) (LRR K, L, R) Straffied Layers (A5) Depleted Matrix (F2) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Depressions (F8) Thin Dark Surface (S9) (LRR K, L) Sandy Gleyed Matrix (S4) Sandy Gleyed Matrix (S6) Iron-Manganese Masses (F12) (LRR K, L) Stripped Matrix (S6) Red Parent Material (F21) Other (Explain in Remarks) ficators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (If observed): Type: Rock Hydric Soil Present? Yes_No_Z Depth (inches): 3 narks:	pe: C = Concentration, D = D	epletion, RM = Reduce	ed Matrix, MS = N	Aasked Sand Grains. ² L	ocation: PL = Pore L	ining, M = Matrix.		
Histos (A1)Polyvalue Below Surface (S3) (LRR R, MLRA 149B)2 cm Muck (A10) (LRR K, L, MLRA 149B) Histic Epipedon (A2)Thin Dark Surface (S9) (LRR R, MLRA 149B)C coast Prairie Redox (A16) (LRR K, L, R) Black Histic (A3)Loamy Gleyed Matrix (F2)Dark Surface (S7) (LRR K, L) Depleted Below Dark Surface (A11)Redox Dark Surface (F6)Thin Dark Surface (A12)Depleted Dark Surface (F7)Thin Dark Surface (A12)Depleted Dark Surface (F7)Thin Dark Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1)Redox Depressions (F8)The dark Surface (S9) (LRR K, L) Distr Surface (S1) (LRR K, MLRA 149B)Thin Dark Surface (S19) (MLRA 14A, 145, 149 Sandy Redox (S5)Redox Depressions (F8)The dark Surface (S19) (MLRA 144A, 145, 149 Dark Surface (S1) (LRR R, MLRA 149B) Very Shallow Dark Surface (T12) Dark Surface (S1) (LRR R, MLRA 149B) Very Shallow Dark Surface (T12) Dark Surface (S1) (LRR R, MLRA 149B) Very Shallow Dark Surface (T12) Other (Explain in Remarks) ificators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Yes No Depth (inches):3	Iric Soil Indicators:				Indicators for Pro	blematic Hydric Soils ³ :		
Insut Epipedon (x2)	Histosol (A1)	Polyvalue E	Selow Surface (S8	(LRR R, MLRA 149B)	2 cm Muck (A ⁻	10) (LRR K, L, MLRA 149B)		
Lader Instact (v0)	Histic Epipedon (A2)	I nin Dark S	Surface (S9) (LRR Sky Minoral (E1) (I	K, MLKA 149B) IDD K I)	Coast Prairie I	Redox (A16) (LRR K, L, R)		
Type:	Hydrogen Sulfide (A4)	Loamy Glev	ved Matrix (F2)		5 cm Mucky P	eat or Peat (S3) (LRR K, L, R)		
Depleted Below Dark Surface (A11) Redox Dark Surface (F6)	Stratified Lavers (A5)	Depleted M	latrix (F3)		Dark Surface	(S7) (LRR K, L)		
Thick Dark Surface (A12) Depleted Dark Surface (F7) Inno-Manganese Masses (F12) (LRR K, L, J Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Solis (F19) (MLRA 14 Sandy Redox (S5) Mesic Spoolic (TA6) (MLRA 144A, 145, 149 Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed): Type: Rock Depth (inches): 3	Depleted Below Dark Surface	ce (A11) Redox Darl	Surface (F6)		Polyvalue Belo	ow Surface (S8) (LRR K, L)		
Sandy Mucky Mineral (S1)Redox Depressions (F8)INGM2 for the Masses (F12) (LRK V, U Sandy Gleyed Matrix (S4)Mesic Spocic (TA6) (MLRA 144A, 145, 149 Sandy Redox (S5)Red Parent Material (F21) Stripped Matrix (S6)Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR MLRA 149B)Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (If observed): Type: <u>Rock</u> Hydric Soil Present? Yes No Depth (inches): 3 narks:	Thick Dark Surface (A12)	Depleted D	ark Surface (F7)		Thin Dark Sur	face (S9) (LRR K, L)		
Sandy Gleyed Matrix (S4) Mesic Spodic (TA6) (MLRA 145, 149 Sandy Redox (S5) Mesic Spodic (TA6) (MLRA 144, 145, 149 Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type: Rock Depth (inches): 3 narks:	Sandy Mucky Mineral (S1)	Redox Dep	ressions (F8)		Iron-Mangane	se Masses (FTZ) (LRR K, L, R)		
Sandy Redox (S5)Red Parent Material (F21)Red Parent Material (F21)Red Parent Material (F21)Red Parent Material (F21)No	Sandy Gleyed Matrix (S4)				Mesic Spodic (TA6) (MLRA 144A 145 149B)			
Stripped Matrix (S6)	_ Sandy Redox (S5)				Red Parent M	aterial (F21)		
_ Dark Surface (S7) (LRR R, MLRA 149B)Other (Explain in Remarks) idicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed): Type: <u>Rock</u> Hydric Soil Present? YesNo	_ Stripped Matrix (S6)				Verv Shallow I	Dark Surface (TE12)		
dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed): Type: Rock Hydric Soil Present? Yes No _∠ Depth (inches): 3 marks:	_ Dark Surface (S7) (LRR R, M l	LRA 149B)			Other (Explain	in Remarks)		
Indexter procent and the relation of the object of the procent and the object of the object o	ndicators of hydrophytic vege	tation and wetland hy	drology must be	present unless disturbe	ed or problematic			
Type: <u>Rock</u> Depth (inches): <u>3</u> marks: Yes <u>No </u>	strictive Laver (if observed).		arology must be	present, amess aistarbe	ed of problematic.			
Depth (inches): 3	Type [.]	Rock		Hydric Soil Present?	Yes	No ./		
marks:	Denth (inches):	3	_	nyune son resent.	105			
	Depth (menes).							
	narks.							

Photo of Sample Plot



Project/Site: East Point			City/County:	Sharon, Sch	oharie Cou	nty			Sampling Date	: 201	8-May-24
Applicant/Owner: Ne	extEra				Sta	te:_	New Y	ork	Sampling Point:	W-MJI	R-19; PEM-1
Investigator(s): Matt F	Regan, Kayle	Townsend			Section, To	wns	ship, Ra	inge:			
Landform (hillslope, terr	race, etc.):	Depression		Local re	elief (conca	/e, d	convex	, none):	Concave		Slope (%): 2-5
Subregion (LRR or MLRA	A): LRR	-			Lat: 42.793	248	33	Long:	-74.5631787		Datum: WGS84
Soil Map Unit Name:	Al: Alluvial la	nd							NWI classif	ication	n:
Are climatic/hydrologic	conditions or	the site typical	for this time	of year?	Yes _	1	_ No	(If no	o, explain in Rema	arks.)	
Are Vegetation, S	Soil,	or Hydrology	significant	ly disturbed	? Are	"No	ormal (Circums	tances" present?	Y	/es _ 🖌 No
Are Vegetation,	Soil,	or Hydrology	naturally p	problematic?	? (If r	ieed	ded, ex	plain an	y answers in Ren	narks.))

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🖌 No								
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No						
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-MJR-19						
Remarks: (Explain alternative procedures he	Remarks: (Explain alternative procedures here or in a separate report)								
TRC covertype is PEM. Area is wetland, all th	ree wetland parameters a	ire present.							

Wetland Hydrology Indicators:						
Primary Indicators (minimum of or	ne is required: cheo	Secondary Indicators (minimum of two required)				
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)		Vater-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1 Dxidized Rhizospheres on I) .iving Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) 		
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	P R T agery (B7) C urface (B8)	Presence of Reduced Iron (Recent Iron Reduction in Ti Thin Muck Surface (C7) Other (Explain in Remarks)	C4) lled Soils (C6)	Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) EAC.Neutral Test (D5)		
Field Observations:						
Surface Water Present?	Yes No 🟒	Depth (inches):				
Water Table Present?	Yes 🟒 No	_ Depth (inches):	8	Wetland Hydrology Present? Yes 🟒 No		
Saturation Present?	Yes 🟒 No	_ Depth (inches):	0			
(includes capillary fringe)						
Describe Recorded Data (stream g	auge, monitoring v	well, aerial photos, previou	s inspections), if	əvailable:		
Sampling Point: W-MJR-19; PEM-1

<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species Th	^{at} 3	(A)
1 2				Total Number of Dominant Speci	es 3	(B)
3				 Percent of Dominant Species That Are OBL_FACW, or FAC: 	t 100	(A/B)
5				Prevalence Index worksheet:		<u> </u>
6				- Total % Cover of:	Multiply	Bv:
7				– OBL species 12	x 1 =	12
	0	= Total Cov	/er	FACW species 55	x 2 =	110
<u>Sapling/Shrub Stratum</u> (Plot size: <u>15 ft</u>)				FAC species 70	x 3 =	210
1. <i>Cornus amomum</i>	10	Yes	FACW	- FACU species 0		0
2				- UPI species 0		0
3				- Column Totals 137	(<u>A</u>)	332 (B)
4				$\frac{137}{137}$		JJZ (D)
5						
6.				Hydrophytic Vegetation Indicator	S:	
7.				1- Rapid Test for Hydrophyt	ic Vegetation	
	10	= Total Co	ver	- 2 - Dominance lest is >50%		
<u>Herb Stratum (Plot size: 5 ft)</u>		-		$\underline{\checkmark}$ 3 - Prevalence Index is \leq 3.)1	
1. Equisetum arvense	70	Yes	FAC	4 - Morphological Adaptatio	ns ¹ (Provide	supporting
2. Onoclea sensibilis	45	Yes	FACW	- data in Remarks of on a separate	e sneet) gotation1 (Ev	(nlain)
3. Typha angustifolia	7	No	OBL	- Problematic Hydrophytic Ve	egetation (Ex	.piairi) mustha
4. Carex vulpinoidea	5	No	OBL	present unless disturbed or pro	anu nyurolog dematic	gy must be
5.				Definitions of Vegetation Strata:	Jenatic	
6.				Tree – Woody plants 3 in (7.6 cm) or more in (diamotor at
7				breast height (DBH), regardless of	f height.	alameter at
8				- Sapling/shrub - Woody plants lev	s than 3 in. F)BH and
9				greater than or equal to 3.28 ft (m) tall.	birana
10				Herb – All herbaceous (non-woo	ly) plants, reg	gardless of
11				size, and woody plants less than	3.28 ft tall.	
12				- Woody vines – All woody vines g	eater than 3.	28 ft in
12.	107	- Total Co		height.		
Manda Vine Streture (Distring 20 ft)	127	- 10tal COV	er	Hydrophytic Vegetation Present	Yes 🖌 N	lo
Woody vine stratum (Plot size. <u>30 it</u>)						
۱				-		
2.				-		
5				-		
4				-		
	0	= Iotal Co	/er			

Sampling Point: <u>W-MJR-19; PEM-1</u>

0 - 5 2.5YR 3/1 5 - 18 2.5Y 4/1 	 95 	7.5YR 3/4		C		Clay Loam
5 - 18 2.5Y 4/1	95 	7.5YR 3/4		C	M/PL Sil	lty Clay
Type: C = Concentration, D =	 	on, RM = Reduced	· · ·			
ype: C = Concentration, D = /dric Soil Indicators: _ Histosol (A1) Histic Epinedon (A2)	 = =	on, RM = Reduced	·			
ype: C = Concentration, D = rdric Soil Indicators: _ Histosol (A1) Histic Epinedon (A2)		on, RM = Reduced	· · ·			
ype: C = Concentration, D = //rdric Soil Indicators: _ Histosol (A1) Histic Epinedon (A2)		on, RM = Reduced	· ·			
ype: C = Concentration, D : rdric Soil Indicators: _ Histosol (A1) Histic Epinedon (A2)		on, RM = Reduced	· ·			
/pe: C = Concentration, D = dric Soil Indicators: . Histosol (A1) . Histic Epipedon (A2)	= Depletio	on, RM = Reduced	·			
/pe: C = Concentration, D : dric Soil Indicators: _ Histosol (A1) _ Histic Epinedon (A2)	= Depletio	on, RM = Reduced	·			
/pe: C = Concentration, D : dric Soil Indicators: _ Histosol (A1) _ Histic Epinedon (A2)	= Depleti	on, RM = Reduced	·			
ype: C = Concentration, D = dric Soil Indicators: _ Histosol (A1) _ Histic Epipedon (A2)	= Depleti	on, RM = Reduced				
/pe: C = Concentration, D = dric Soil Indicators: . Histosol (A1) Histic Epipedon (A2)	= Depletio	on, RM = Reduced			<u></u>	
Histosol (A1)			d Matr	rix, MS =	Masked Sand Grains.	² Location: PL = Pore Lining, M = Matrix.
Histic Eninedon (A2)		Polyvalue Be		urface (Indicators for Problematic Hydric Solis ³ :
		Thin Dark Su	urface	(S9) (LR	R R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
_Black Histic (A3)		Loamy Muck	y Min،	eral (F1)) (LRR K, L)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
_ Hydrogen Sulfide (A4)		Loamy Gleye	ed Mat	trix (F2)		Dark Surface (S7) (LRR K, L)
_ Stratified Layers (A5)	faco (A11	Depleted Ma	atrix (F Surfac	-3) -a (E6)		Polyvalue Below Surface (S8) (LRR K, L)
_ Thick Dark Surface (A12)		Depleted Da	irk Sur	rface (F7	7)	Thin Dark Surface (S9) (LRR K, L)
Sandy Mucky Mineral (S1)	Redox Depre	ession	ns (F8)		Iron-Manganese Masses (F12) (LRR K, L, R)
_ Sandy Gleyed Matrix (S4)						Mesic Spodic (TA6) (MI RA 144A 145 149B)
_ Sandy Redox (S5)						Red Parent Material (F21)
_ Stripped Matrix (S6)						Very Shallow Dark Surface (TF12)
_ Dark Surface (S7) (LRR R,	MLRA 14	9B)				Other (Explain in Remarks)
dicators of hydrophytic ve	getation	and wetland hyd	rology	y must b	oe present, unless distu	rbed or problematic.
strictive Layer (if observed):					
Туре:		None	-		Hydric Soil Present?	Yes 🟒 No
Depth (inches):						

Photo of Sample Plot



Project/Site: East Point	City/County: Sharon, Scho	harie County	Sampling Date: 20	18-May-24
Applicant/Owner: NextEra		State: New York	Sampling Point: W-N	IJR-19; UPL-1
Investigator(s): Matt Regan, Kaylee Townsend	l Se	ection, Township, Range:		
Landform (hillslope, terrace, etc.): Hilltop	Local reli	ief (concave, convex, none):	Flat	Slope (%): 0-1
Subregion (LRR or MLRA): LRR L	La	at: 42.7934469 Long:	-74.5633719	Datum: WGS84
Soil Map Unit Name: DeB: Darien silt loam, 2	to 8 percent slopes		NWI classificatio	on:
Are climatic/hydrologic conditions on the site ty	pical for this time of year?	Yes 🟒 No (If n	o, explain in Remarks.))
Are Vegetation, Soil, or Hydrold	gy significantly disturbed?	Are "Normal Circums	stances" present?	Yes 🟒 No
Are Vegetation, Soil, or Hydrold	gy naturally problematic?	(If needed, explain ar	ny answers in Remarks	i.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No	lf yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures her	e or in a separate report)	
TRC covertype is UPL. Area is upland, not all t	hree wetland parameter	s are present.	

Wetland Hydrology Indicators:		
Primary Indicators (minimum of on	<u>e is required; check all that apply)</u>	Secondary Indicators (minimum of two required)
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	 Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) 	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present?	Yes No 🟒 Depth (inches):	
Water Table Present?	Yes No Depth (inches):	Wetland Hydrology Present? Yes No
Saturation Present?	Yes No Depth (inches):	-
(includes capillary fringe)		-
Describe Recorded Data (stream ga	auge, monitoring well, aerial photos, previous inspections), if a	available:

Sampling Point: W-MJR-19; UPL-1

Tree Stratum (Plot size: 30 ft)	Absolute	Dominant	Indicator	Dominance Test works	heet:		
	% Cover	Species?	Status	Number of Dominant S	pecies That	2	(A)
1. <i>Populus grandidentata</i>	80	Yes	FACU	Total Number of Domin	Dant Species		
2				Across All Strata:	iant species	4	(B)
3				Percent of Dominant S	pecies That		
4				Are OBL, FACW, or FAC		50	(A/B)
5.				Prevalence Index work	sheet:		
6				Total % Cover	<u>of:</u>	<u>Multiply</u>	<u>By:</u>
/				OBL species	0	x 1 =	0
	80	= lotal Cov	er	FACW species	15	x 2 =	30
Sapling/Shrub Stratum (Plot size:15 ft)	4 5		FACU	FAC species	5	x 3 =	15
1. Populus grandidentata		Yes	FACU	FACU species	95	x 4 =	380
2. Rhamnus cathartica	5	Yes	FAC	UPL species	0	x 5 =	0
3				Column Totals	115	(A)	425 (B)
4.				Prevalence Ir	ndex = B/A =	3.7	
5				Hydrophytic Vegetation	n Indicators:		
6.				1- Rapid Test for H	Hydrophytic V	egetation	
7				2 - Dominance Te	st is > 50%	0	
	20	= Total Cov	er	3 - Prevalence Ind	lex is $\leq 3.0^1$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				4 - Morphological	Adaptations	(Provide	supporting
1. <u>Onoclea sensibilis</u>	15	Yes	FACW	data in Remarks or on	a separate sh	neet)	
2				Problematic Hydr	ophytic Vege	tation ¹ (E>	(plain)
3				¹ Indicators of hydric so	il and wetlan	d hydrolo	gy must be
4				present, unless disturb	ed or probler	matic	
5				Definitions of Vegetation	on Strata:		
6				Tree – Woody plants 3	in. (7.6 cm) or	r more in	diameter at
7				breast height (DBH), re	gardless of h	eight.	
8				Sapling/shrub - Woody	plants less t	han 3 in. [OBH and
9				greater than or equal t	o 3.28 ft (1 m) tall.	
10				Herb – All herbaceous	(non-woody)	plants, reg	gardless of
11				size, and woody plants	less than 3.2	8 TT TAII.	20.64
12				woody vines – All wood	dy vines great	ter than 3	.28 π in
	15	= Total Cov	rer				
Woody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic Vegetatio	n Present?	/es N	lo
1							
2							
3							
4.							
	0	= Total Cov	ver				
Remarks: (Include photo numbers here or on a separate	e sheet.)			_			

Type: C = Concentration, D = Depletion, RM Histosol (A1)	I = Reduced Matrix, MS = Mas I = Reduced Matrix, MS = Mas Diyvalue Below Surface (S8) (L nin Dark Surface (S9) (LRR R, I Damy Mucky Mineral (F1) (LRF Damy Gleyed Matrix (F2) epleted Matrix (F3)	Silt Loam Silt Loam Silt Loam Silt Loam Silt Loam Silt Loam Site Sand Grains. ² Location Indic RR R, MLRA 149B) KK, L) Site Sand Grains. ² Location	n: PL = Pore Lining, M = Matrix. cators for Problematic Hydric Soils ³ : 2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R)
ype: C = Concentration, D = Depletion, RM ydric Soil Indicators:	I = Reduced Matrix, MS = Mas Diyvalue Below Surface (S8) (L nin Dark Surface (S9) (LRR R, I Damy Mucky Mineral (F1) (LRF Damy Gleyed Matrix (F2) epleted Matrix (F3)		n: PL = Pore Lining, M = Matrix. cators for Problematic Hydric Soils ³ : 2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R)
/pe: C = Concentration, D = Depletion, RM 'dric Soil Indicators: Histosol (A1) Histosol (A1) Black Histic (A3) Hydrogen Sulfide (A4) Log Stratified Layers (A5) Depleted Below Dark Surface (A11) Re Thick Dark Surface (A12)	l = Reduced Matrix, MS = Mas blyvalue Below Surface (S8) (L nin Dark Surface (S9) (LRR R, I pamy Mucky Mineral (F1) (LRR pamy Gleyed Matrix (F2) epleted Matrix (F3)		n: PL = Pore Lining, M = Matrix. cators for Problematic Hydric Soils ³ : 2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R)
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rpe: C = Concentration, D = Depletion, RM dric Soil Indicators: Histosol (A1) Pc Histic Epipedon (A2) Th Black Histic (A3) Lo Hydrogen Sulfide (A4) Lo Stratified Layers (A5) De Depleted Below Dark Surface (A11) Re Thick Dark Surface (A12) De	I = Reduced Matrix, MS = Mas blyvalue Below Surface (S8) (I hin Dark Surface (S9) (LRR R, I bamy Mucky Mineral (F1) (LRF bamy Gleyed Matrix (F2) epleted Matrix (F3)	ked Sand Grains. ² Location Indic RR R, MLRA 149B)2 VLRA 149B)2 K, L)5	n: PL = Pore Lining, M = Matrix. cators for Problematic Hydric Soils ³ : 2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R)
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/pe: C = Concentration, D = Depletion, RM dric Soil Indicators: . Histosol (A1) Pc . Histic Epipedon (A2) Th . Black Histic (A3) Lo . Hydrogen Sulfide (A4) Lo . Stratified Layers (A5) De . Depleted Below Dark Surface (A11) Re . Thick Dark Surface (A12) De	l = Reduced Matrix, MS = Mas blyvalue Below Surface (S8) (L hin Dark Surface (S9) (LRR R, I bamy Mucky Mineral (F1) (LRF bamy Gleyed Matrix (F2) epleted Matrix (F3)		n: PL = Pore Lining, M = Matrix. cators for Problematic Hydric Soils ³ : 2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R)
/pe: C = Concentration, D = Depletion, RM dric Soil Indicators: Histosol (A1) Pc Histic Epipedon (A2) Th Black Histic (A3) Lo Hydrogen Sulfide (A4) Lo Stratified Layers (A5) De Depleted Below Dark Surface (A11) Re Thick Dark Surface (A12) De	l = Reduced Matrix, MS = Mas blyvalue Below Surface (S8) (L nin Dark Surface (S9) (LRR R, I bamy Mucky Mineral (F1) (LRF bamy Gleyed Matrix (F2) epleted Matrix (F3)	ked Sand Grains. ² Location Indic RR R, MLRA 149B)2 MLRA 149B)C R K, L)5	n: PL = Pore Lining, M = Matrix. cators for Problematic Hydric Soils ³ : 2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R)
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Histosof (A1) Procession Histic Epipedon (A2) Th Black Histic (A3) Lo Hydrogen Sulfide (A4) Lo Stratified Layers (A5) De Depleted Below Dark Surface (A11)Re Thick Dark Surface (A12) De	nin Dark Surface (S9) (LRR R, f Damy Mucky Mineral (F1) (LRF Damy Gleyed Matrix (F2) epleted Matrix (F3)	MLRA 149B) 2 MLRA 149B) 0 K, L) 5	2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R)
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Hydrogen Sulfide (A4) Lo Stratified Layers (A5) De Depleted Below Dark Surface (A11) Re Thick Dark Surface (A12) De	pamy Gleyed Matrix (F2) epleted Matrix (F3)	3	cm Musley Deat or Deat (C2) (I DD K I D)
Stratified Layers (A5) De Depleted Below Dark Surface (A11) Re Thick Dark Surface (A12) De	epleted Matrix (F3)	Г	Ciff Mucky Pear of Pear (S3) (LRR K, L, R)
Depleted Below Dark Surface (A11) Re Thick Dark Surface (A12) De		C	Polyvalue Below Surface (S8) (LRR K. L)
I NICK Dark Surface (ATZ) De	edox Dark Surface (F6)	T	Thin Dark Surface (S9) (LRR K, L)
Sandy Mucky Minoral (S1) Do	epleted Dark Surface (F7)	1	ron-Manganese Masses (F12) (LRR K, L, R)
Sandy Gleved Matrix (S4)	euox Depressions (Fo)	P	Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy Redox (S5)		N	Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Stripped Matrix (S6)		F	Red Parent Material (F21)
_ Dark Surface (S7) (LRR R, MLRA 149B)		V	Very Shallow Dark Surface (TF12)
dicators of hydrophytic vegetation and we	etland hydrology must be pro	esent, unless disturbed or p	iroblematic.
strictive Layer (if observed):		uluia Cail Duasanto	Vac Na (
Type: Roc		aric Soll Present?	Yes No
Depth (inches): 8			

Photo of Sample Plot



Project/Site: East Point	City/County: Sharon, Schoharie County	Sampling Date: 2018-May-24
Applicant/Owner: NextEra	State: New York	Sampling Point: W-MJR-20; PEM-1
Investigator(s): Matt Regan, Kaylee Townsend	Section, Township, Range:	
Landform (hillslope, terrace, etc.): Depression	Local relief (concave, convex, none	e): Concave Slope (%): 2-5
Subregion (LRR or MLRA): LRR L	Lat: 42.7937127 Lon	g: -74.5637544 Datum: WGS84
Soil Map Unit Name: DeB: Darien silt loam, 2 to 8	percent slopes	NWI classification:
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 Are Vegetation, Soil, or Hydrology	significantly disturbed? Are "Normal Circur naturally problematic? (If needed, explain	nstances" present? Yes 🖌 No any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Hydric Soil Present?	Yes 🯒 No Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🧹 No
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-MJR-20
Remarks: (Explain alternative procedure	es here or in a separate rep	port)	
TRC covertype is PEM. Area is wetland,	all three wetland paramete	ers are present.	

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Secondary Indicators (minimum of two required; check all that apply)	
Primary Indicators (minimum of one is required; check all that apply) Secondary Indicators (minimum of two requires)	
Surface Water (A1) Water-Stained Leaves (B9) Surface Soil Cracks (B6) High Water Table (A2) Aquatic Fauna (B13) Drainage Patterns (B10) Saturation (A3) Marl Deposits (B15) Moss Trim Lines (B16) Water Marks (B1) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Crayfish Burrows (C8) Drift Deposits (B3) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Geomorphic Position (D2) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Microtopographic Relief (D4) Sparsely Vegetated Concave Surface (B8)	<u>uired)</u>
Drift Deposits (B3) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Geomorphic Position (D2) Iron Deposits (B5) Thin Muck Surface (C7) Shallow Aquitard (D3) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Microtopographic Relief (D4) Sparsely Vegetated Concave Surface (B8) <fac-neutral (d5)<="" td="" test=""> Field Observations: Depth (inches): Water Table Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): </fac-neutral>	9)
Field Observations:	
Surface Water Present? Yes No Depth (inches): Water Table Present? Yes ∠ No Depth (inches):	
Water Table Present? Yes / No Depth (inches): 9 Wetland Hydrology Present? Yes / No	
	_ No
Saturation Present? Yes 🖌 No Depth (inches): 8	
(includes capillary fringe)	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:	

Sampling Point: W-MJR-20; PEM-1

Tree Stratum (Plot size: <u>10 ft</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works Number of Dominant	s heet: Species That	2	
1. Populus grandidentata	10	Yes	FACU	Are OBL, FACW, or FAC	:	5	(A)
2.				Total Number of Domi	nant Species	4	(B)
3				Percent of Dominant 9	nocios That		
4				Are OBL, FACW, or FAC		75	(A/B)
5.	<u></u> .			Prevalence Index work	sheet:		
6				Total % Cover	<u>of:</u>	<u>Multiply</u>	<u>By:</u>
7				OBL species	25	x 1 =	25
	10	= Total Cov	er	FACW species	15	x 2 =	30
<u>Sapling/Shrub Stratum</u> (Plot size: <u>15 ft</u>)				FAC species	5	x 3 =	15
1. <i>Rhamnus cathartica</i>	5	Yes	FAC	FACU species	10	x 4 =	40
2				UPL species	0	x 5 =	0
3				Column Totals	55	(A) -	110 (B)
4				Prevalence I	ndex = B/A =	2	110 (b)
5							
6				1- Rapid Test for	Hydrophytic V	egetation	
7					set is >50%	egetation	
	5	= Total Cov	er	2 - Dominance re	$\frac{31}{3} = \frac{30}{3}$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				3 - Prevalence int	Let $13 \leq 5.0^{\circ}$	(Provide	cupporting
1. <i>Carex stricta</i>	25	Yes	OBL	4 - Morphologica	a sonarato sh		supporting
2. Onoclea sensibilis	15	Yes	FACW	Problematic Hvd	rophytic Vege	tation ¹ (Ex	(plain)
3.				Indicators of hydric so	nil and wetlan	d hydrolo	øv must he
4.				present, unless distur	ped or problem	matic	5) 11050 50
5.				Definitions of Vegetati	on Strata:		
6.				Tree – Woody plants 3	in. (7.6 cm) or	more in	diameter at
7.		. <u> </u>		breast height (DBH), re	gardless of h	eight.	
8.				Sapling/shrub - Wood	y plants less tl	han 3 in. [OBH and
9.				greater than or equal	to 3.28 ft (1 m) tall.	
10.		·		Herb – All herbaceous	(non-woody)	plants, reg	gardless of
11				size, and woody plants	less than 3.2	8 ft tall.	
12				Woody vines - All woo	dy vines great	er than 3	.28 ft in
		= Total Cov	or	height.			
Woody Vino Stratum (Plot size: 20 ft)	40		CI	Hydrophytic Vegetatio	on Present?	es 🖌 N	lo
1							
۱							
2.							
3	<u></u>						
4							
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a s	0	= Total Cov	er				

nches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-6	10YR 3/1	100		· —			Silt Loam	
5 - 18	5Y 6/1	80	7.5YR 6/8	· —	С	M	Clay	
		·		·				
		·		-				
		· <u> </u>		-				
				-				
oe: C = (Concentration, D =	Depletic	on, RM = Reduced	Mat	rix, MS =	Masked Sa	nd Grains. ² L	ocation: PL = Pore Lining, M = Matrix.
lric Soil	Indicators:							Indicators for Problematic Hydric Soils ³ :
Histoso	l (A1)		Polyvalue Bel	ow S	urface (S	8) (LRR R, N	1LRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
HISTIC E	pipedon (A2) istic (A3)		I nin Dark Su	rtace / Mir	(59) (LRR oral (E1)	(R, MLRA 14 (I D D K 1)	1 9B)	Coast Prairie Redox (A16) (LRR K, L, R)
Hvdrog	en Sulfide (A4)		Loamy Gleve	d Ma	trix (F2)			5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
Stratifie	d Layers (A5)		✓ Depleted Ma	trix (l	=3)			Dark Surface (S7) (LRR K, L)
Deplete	d Below Dark Surfa	ace (A11) Redox Dark S	urfa	ce (F6)			Polyvalue Below Surface (S8) (LRR K, L)
Thick D	ark Surface (A12)		Depleted Dar	'k Su	rface (F7)			I nin Dark Surface (S9) (LRR K, L)
Sandy N	/lucky Mineral (S1)		Redox Depre	ssior	is (F8)			IFOTI-Mangariese Masses (FT2) (LKR K, L, K) Piodmont Eloodolain Soils (E10) (MI DA 1408)
Sandy (Gleyed Matrix (S4)							Mesic Spodic (TA6) (MI RA 144A 145 149B)
, banay a	-							
Sandy F	Redox (S5)							Red Parent Material (F21)
_Sandy F _Sandy F _Strippe	Redox (S5) d Matrix (S6)							Red Parent Material (F21) Very Shallow Dark Surface (TF12)
_ Sandy F _ Stripper _ Dark Su	Redox (S5) d Matrix (S6) ırface (S7) (LRR R, M	1LRA 149	9B)					Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
Sandy F Strippe Dark Su dicators	Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic yeg	ILRA 14 etation a	9B) and wetland hvdr	olog	v must be	e present, u	nless disturbe	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic.
Sandy F Strippe Dark Su dicators	Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic veg Laver (if observed):	ILRA 14	9B) and wetland hydr	olog	y must be	e present, u	nless disturbe	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic.
Sandy F Strippe Dark Su dicators	Redox (S5) d Matrix (S6) Irface (S7) (LRR R, M <u>of hydrophytic veg</u> Layer (if observed): Type:	ILRA 149	9B) and wetland hydr None	olog	y must be	e present, u	nless disturbe	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes ∠ No
Sandy F Strippe Dark Su dicators	Redox (S5) d Matrix (S6) irface (S7) (LRR R, M of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 14	9 B) and wetland hydr None	olog	y must be	e present, u Hydric Soi	nless disturbe I Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes No
Sandy F Stripper Dark Su licators trictive	Redox (S5) d Matrix (S6) irface (S7) (LRR R, M of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 14	9 B) and wetland hydr None	olog	y must be	e present, u Hydric Soi	nless disturbe I Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes _✓_ No
Sandy F Strippe Dark Su licators trictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 14	9B) and wetland hydr None	olog	y must be	e present, u Hydric Soi	nless disturbe I Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes _∠_ No
Sandy F Strippe Dark Su icators trictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 14	9B) and wetland hydr None	olog	y must be	e present, u Hydric Soi	nless disturbe I Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes _✓_ No
Sandy F Strippe Dark Su icators trictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, N <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches):	ILRA 14	9 B) and wetland hydr None	olog	y must be	e present, u Hydric Soi	nless disturbe I Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes _ ✓ No
Sandy F Stripper Dark Su icators trictive	Redox (S5) d Matrix (S6) irface (S7) (LRR R, M <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches):	ILRA 14	9 B) and wetland hydr None	olog	y must be	e present, u Hydric Soi	nless disturbe l Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes _ ✓ No
Sandy F Stripper Dark Su icators rictive	Redox (S5) d Matrix (S6) irface (S7) (LRR R, M <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches):	ILRA 14	9 B) and wetland hydr None	olog	y must be	e present, u Hydric Soi	nless disturbe l Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes _ ✓_ No
Sandy F Strippe Dark Su icators crictive	Redox (S5) d Matrix (S6) irface (S7) (LRR R, M <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr None	olog	y must be	e present, u Hydric Soi	nless disturbe l Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes _ ✓_ No
Sandy F Strippe Dark Su licators trictive	Redox (S5) d Matrix (S6) irface (S7) (LRR R, M <u>of hydrophytic veg</u> Layer (if observed): Type: _Depth (inches):	ILRA 14	9 B) and wetland hydr None	olog	y must be	e present, u Hydric Soi	nless disturbe	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes _∠_ No
Sandy F Strippe Dark Su licators trictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 14	9 B) and wetland hydr None	olog	y must be	e present, u Hydric Soi	nless disturbe l Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes No
Sandy F Strippe Dark Su licators trictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 14	9 B) and wetland hydr None	olog	y must be	e present, u Hydric Soi	nless disturbe I Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes No
Sandy F Strippe Dark Su licators trictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches):	ILRA 14	9 B) and wetland hydr None	olog	y must be	e present, u Hydric Soi	nless disturbe l Present?	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes No
Sandy F Strippe Dark Su licators trictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 14	9 B) and wetland hydr None	olog	y must be	e present, u Hydric Soi	nless disturbe	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes No
Sandy F Strippe Dark Su dicators trictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches):	ILRA 14	9 B) and wetland hydr None	olog	y must be	e present, u Hydric Soi	nless disturbe	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes No
Sandy F Strippe Dark Su dicators strictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches):	ILRA 14	9 B) and wetland hydr None	olog	y must be	e present, u Hydric Soi	nless disturbe	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes No
Sandy F Strippe Dark Su dicators strictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches):	ILRA 14	9 B) and wetland hydr None	olog	y must be	e present, u Hydric Soi	nless disturbe	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes No
Sandy F Strippe Dark Su dicators strictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches):	ILRA 14	9B) and wetland hydr None	<u>-</u>	y must be	e present, u Hydric Sol	nless disturbe	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes _✓_ No
Sandy F Strippe Dark Su dicators strictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches):	ILRA 14	9B) and wetland hydr None	- -	y must be	e present, u Hydric Sol	nless disturbe	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes No
Sandy F Strippe Dark Su licators trictive	Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches):	ILRA 14	9B) and wetland hydr None	- -	y must be	e present, u Hydric Soi	nless disturbe	Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) d or problematic. Yes _✓_ No

Photo of Sample Plot



Project/Site: East Point	ject/Site: East PointCity/County: Sharon, Schoharie County					
Applicant/Owner: NextEra	licant/Owner: NextEra State: New York					
Investigator(s): Matt Regan, Kaylee Townsend						
Landform (hillslope, terrace, etc.): Hilltop	Local relief (concave, convex, none):	Flat Slope (%): 0-1				
Subregion (LRR or MLRA): LRR L	Lat: 42.7937352 Long	-74.5637656 Datum: WGS84				
Soil Map Unit Name: DeB: Darien silt loam, 2 to 8	percent slopes	NWI classification:				
Are climatic/hydrologic conditions on the site typica	l for this time of year? Yes _∠_ No (If n	o, explain in Remarks.)				
Are Vegetation, Soil, or Hydrology _	significantly disturbed? Are "Normal Circums	stances" present? Yes 🟒 No				
Are Vegetation, Soil, or Hydrology _	naturally problematic? (If needed, explain a	ny answers in Remarks.)				

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No _	lf yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures he	re or in a separate report)		
TRC covertype is UPL.			

Wetland Hydrology Indicators:				
Primary Indicators (minimum of on	e is required; check all that	apply)	Secondary Indicators (minimum of	<u>f two required)</u>
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	Water-Stai Aquatic Fa Marl Depo Hydrogen Oxidized R	ned Leaves (B9) una (B13) sits (B15) Sulfide Odor (C1) hizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Ima 	agery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Sur 	Presence of Recent Iro Thin Muck gery (B7) Other (Exp rface (B8)	of Reduced Iron (C4) n Reduction in Tilled Soils (C6) Surface (C7) lain in Remarks)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5))
Field Observations:				
Surface Water Present?	Yes No 🟒	Depth (inches):		
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present?	Yes No 🟒
Saturation Present?	Yes No 🟒	Depth (inches):		
(includes capillary fringe)			-	
Describe Recorded Data (stream ga	auge, monitoring well, aeria	l photos, previous inspections), if a	available:	

Sampling Point: W-MJR-20; UPL-1

Tree Stratum (Plot size: 30 ft)	Absolute	Dominant	Indicator	Dominance Test works	neet:		
	% Cover	Species?	Status	Number of Dominant S	pecies That	3	(A)
1. <i>Populus grandidentata</i>	70	Yes	FACU	Total Number of Domin	ant Charles		
2. <u>Salix nigra</u>	10	No	OBL	Across All Strata	iant species	5	(B)
3				Percent of Dominant St	pecies That		
4				Are OBL, FACW, or FAC:		60	(A/B)
5				Prevalence Index works	sheet:		
6				Total % Cover	of:	Multiply	By:
7				OBL species	10	x 1 =	10
	80	= Total Cov	er	FACW species	0	x 2 =	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	45	x 3 =	135
1. <i>Populus grandidentata</i>	15	Yes	FACU	FACU species	85	x 4 =	340
2. <u>Rhamnus cathartica</u>	5	Yes	FAC	UPL species	0	x 5 =	0
3				Column Totals	140	(A)	485 (B)
4				Prevalence In	idex = B/A =	3.5	
5				Hydrophytic Vegetation	Indicators:		
6				1- Rapid Test for H	lvdrophytic V	/egetatior	I
7				✓ 2 - Dominance Tes	st is >50%	0	
	20	= Total Cov	er	3 - Prevalence Ind	ex is $\leq 3.0^1$		
Herb Stratum (Plot size: <u>5 ft</u>)				4 - Morphological	Adaptations ¹	(Provide	supporting
1. <u>Solidago rugosa</u>	25	Yes	FAC	data in Remarks or on a	a separate sh	neet)	11 0
2. <u>Carex blanda</u>	15	Yes	FAC	Problematic Hydr	ophytic Vege	tation ¹ (E>	(plain)
3				¹ Indicators of hydric so	il and wetlan	d hydrolo	gy must be
4				present, unless disturb	ed or probler	matic	
5				Definitions of Vegetation	n Strata:		
6				Tree – Woody plants 3 i	n. (7.6 cm) or	r more in	diameter at
7				breast height (DBH), re	gardless of h	eight.	
8				Sapling/shrub - Woody	plants less t	han 3 in. I	OBH and
9				greater than or equal to	o 3.28 ft (1 m) tall.	
10				Herb – All herbaceous (non-woody)	plants, re	gardless of
11				size, and woody plants	less than 3.2	8 TT TAII.	20.64
12				woody vines – All wood	ly vines great	ter than 3	.28 π in
	40	= Total Cov	er				
Woody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic Vegetatio	n Present?	res 🔽 N	10
1	_						
2	_						
3							
4							
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a separa	te sheet.)			_			

Sampling Point: W-MJR-20; UPL-1

3-5 10YR 4/3 100	inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ² Te	exture	Remarks
18 10YR 5/3 100	0 - 5	10YR 4/3	100		<u></u>		Sil	t Loam	
Derived and the second seco	5 - 18	10YR 5/3	100		·		Silty	Ilav Loam	
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils*: Histic Foil Indicators: Indicators for Problematic Hydric Soils*: Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Loamy Mucky Mineral (F1) Coast Prairie Redox (A16) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) Loamy Gleyed Matrix (F2) Depleted Matrix (F3) Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Depressions (F8) — Probyvalue Below Surface (S9) (LRR K, L) Sandy Gleyed Matrix (S4) — Loamy Gleyed Matrix (F3) Sandy Gleyed Matrix (S6) — Red Parent Material (F12) Dark Surface (S7) (LRR R, MLRA 149B) — Very Shallow Dark Surface (TF2) Trippe: None Type: None Hydric Soil Present? Yes No/	0 10				·				
mining			·		· —				
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils*: Histos Col (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, RLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) S cm Mucky Peat or Peat (S3) (LRR K, L) Polytalue Below Surface (F6) Dark Surface (S7) (LRR K, L) S cm Mucky Peat or Peat (S3) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F2) Dark Surface (S7) Dark Surface (S3) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Depleted Matrix (F3) Dark Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1) Redox Dark Surface (F7) Trion-Manganese Masses (F12) (LRR K, L, R) Sandy Gleyed Matrix (S4) Depleted Dark Surface (F7) Trion-Manganese Masses (F12) (LRR K, L, R) Sandy Redox (S5)		-			· —				
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. tric Soil Indicators: Indicators for Problematic Hydric Soils ² : Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) S cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) S traified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (S9) (LRR K, L) Torn-Manganese Masses (F12) (LRR K, L, R) Sandy Gleyed Matrix (S4)					·				
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. fric Soil Indicators: Indicators for Problematic Hydric Soils ² : Histosol (A1) Polyvalue Below Surface (S9) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) S cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) Startified Layers (A5) Depleted Matrix (F3) Dork Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1) Redox Depressions (F8) Thin Dark Surface (F7) Thin Dark Surface (S9) (LRR K, L) Sandy Gleyed Matrix (S6) Depleted Dark Surface (F7) Thin Dark Surface (S9) (LRR K, L) Torh.Marganese Masses (F12) (MLRA 149B) Sandy Gleyed Matrix (S6) Redox Depressions (F8)					·				
De: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils ³ : Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Black Histic (A3)					·				
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Iric Soil Indicators: Indicators for Problematic Hydric Soils ² : Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histosol (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thic Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Redox (S5)				-					
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils ³ : Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Depleted Matrix (F3) Depleted Matrix (F3) Depleted Matrix (F3) Depleted Matrix (F3) Depleted Matrix (F3) Depleted Matrix (F3) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Redox (S5) Redox Depressions (F8) Stripped Matrix (S6)							·		
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. tric Soil Indicators: Indicators for Problematic Hydric Soils ³ : Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Metrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) Metrix 1444, 145, 149B) Micators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Yes							·		
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. tric Soil Indicators: Indicators for Problematic Hydric Soils?: Histosol (A1)									
tric Soil Indicators: Indicators for Problematic Hydric Soils ³ : Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) Mesic Spodic (TA6) (MLRA 1445, 145, 149B) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Very Shallow Dark Surface (TF12) Type: None Hydric Soil Present? Yes No/	/pe: C = (Concentration, D =	Depletio	n, RM = Reduced	Mati	rix, MS =	Masked Sand Grains.	² Location: PL = Pore Lining	, M = Matrix.
Histosol (A1)Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histic Epipedon (A2)Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3)Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4)Loamy Gleyed Matrix (F2) Stratified Layers (A5)Depleted Matrix (F3) Depleted Below Dark Surface (A11)Redox Dark Surface (F6) Thick Dark Surface (A12)Depleted Dark Surface (F7) Sandy Mucky Mineral (S1)Redox Depressions (F8) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type:NoneHydric Soil Present? YesNo/	dric Soil	Indicators:						Indicators for Problem	atic Hydric Soils ³ :
Histic Epipedon (A2)	Histoso	l (A1)		Polyvalue Bel	ow S	urface (S	8) (LRR R, MLRA 149B)	2 cm Muck (A10) (L	RR K. L. MLRA 149B)
Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Dark Surface (S7) (LRR K, L) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Depleted Dark Surface (F7) Thin Dark Surface (A12) Depleted Dark Surface (F7) Iron-Manganese Masses (F12) (LRR K, L, R) Sandy Mucky Mineral (S1) Redox Depressions (F8) Iron-Manganese Masses (F12) (LRR K, L, R) Sandy Redox (S5) Redox Depressions (F8) Nesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5)	Histic E	pipedon (A2)		Thin Dark Sur	face	(S9) (LRR	R, MLRA 149B)	Coast Prairie Redox	< (A16) (LRR K, L, R)
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (S7) (LRR K, L) Thick Dark Surface (A12) Depleted Dark Surface (F7) Iron-Manganese Masses (F12) (LRR K, L, R) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Redox (S5) Mesic Spodic (TA6) (MLRA 144A, 145, 149B)	Black H	istic (A3)		Loamy Mucky	/ Min	eral (F1)	(LRR K, L)	5 cm Mucky Peat o	r Peat (S3) (LRR K, L, R)
Stratilied Layers (AS)	Hydrog	en Sulfide (A4)		Loamy Gleye	d Ma	trix (F2)		Dark Surface (S7) (L	.RR K, L)
Depicted below built both took built optimize (if if i	Denlete	d Layers (A5) d Below Dark Surf:	ace (A11	Depieted Mai	.rix (F	-3) -e (E6)		Polyvalue Below Su	irface (S8) (LRR K, L)
Sandy Mucky Mineral (S1)Redox Depressions (F8) lron-Manganese Masses (F12) (LRR K, L, R)Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Redox (S5) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type:None Hydric Soil Present? YesNo<	Thick D	ark Surface (A12)		Depleted Dar	k Sui	face (F7)		Thin Dark Surface (S9) (LRR K, L)
Sandy Gleyed Matrix (S4) Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Stripped Matrix (S6) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type: None Hydric Soil Present? Yes No<	Sandy N	Mucky Mineral (S1)		Redox Depre	ssior	is (F8)		Iron-Manganese M	asses (F12) (LRR K, L, R)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type: None Hydric Soil Present? Yes No Depth (inches):	-							Piedmont Floodpla	in Soils (F19) (MLRA 149B)
Stripped Matrix (S6)	_ Sandy (leyed Matrix (S4)							
Dark Surface (S7) (LRR R, MLRA 149B)	_ Sandy (_ Sandy F	leyed Matrix (S4) Redox (S5)						Mesic Spodic (TA6)	(MLRA 144A, 145, 149B)
dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type:NoneHydric Soil Present? YesNo _✓ Depth (inches):	_ Sandy (_ Sandy F _ Strippe	aleyed Matrix (S4) Redox (S5) d Matrix (S6)						Mesic Spodic (TA6) Red Parent Materia	(MLRA 144A, 145, 149B) al (F21) Surface (TE12)
trictive Layer (if observed): Type:NoneHydric Soil Present? YesNo	_ Sandy (_ Sandy F _ Strippe _ Dark Su	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, N	ILRA 149	9B)				Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark ! Other (Explain in R	(MLRA 144A, 145, 149B) il (F21) Surface (TF12) emarks)
Type: None Depth (inches): Yes	_ Sandy (_ Sandy F _ Strippe _ Dark Su	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N	ILRA 149	9 B)	olom	, must be	procept uplace distur	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark : Other (Explain in Re	(MLRA 144A, 145, 149B) il (F21) Surface (TF12) emarks)
Depth (inches):	_ Sandy (_ Sandy F _ Strippe _ Dark Su dicators	Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N <u>of hydrophytic veg</u>	ILRA 149	9 B) and wetland hydr	ology	y must be	e present, unless distur	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark : Other (Explain in Re bed or problematic.	(MLRA 144A, 145, 149B) il (F21) Surface (TF12) emarks)
Deptr (menes).	_ Sandy (_ Sandy F _ Strippe _ Dark Su ndicators	aleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type:	ILRA 149	9 B) and wetland hydr	ology	y must be	e present, unless distur	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark ! Other (Explain in Ro bed or problematic.	(MLRA 144A, 145, 149B) al (F21) Surface (TF12) emarks)
	_ Sandy (_ Sandy F _ Strippe _ Dark Su dicators strictive	Jeyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type:	ILRA 149	9 B) and wetland hydr None	olog	y must be	e present, unless distur Hydric Soil Present?	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark ! Other (Explain in Re bed or problematic. Yes	(MLRA 144A, 145, 149B) Il (F21) Surface (TF12) emarks) No
	Sandy (Sandy F Strippe Dark Su <u>dicators</u> trictive narks:	Jeyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr None	olog	y must be	e present, unless distur Hydric Soil Present?	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark : Other (Explain in Re bed or problematic. Yes	(MLRA 144A, 145, 149B) Il (F21) Surface (TF12) emarks) No
	Sandy (Sandy F Strippe Dark Su dicators strictive marks:	Jeyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr None	ology	y must be	e present, unless distur Hydric Soil Present?	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark : Other (Explain in Re bed or problematic. Yes	(MLRA 144A, 145, 149B) Il (F21) Surface (TF12) emarks) No
	Sandy (Sandy F Strippe Dark Su dicators ttrictive	aleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr None		y must be	e present, unless distur Hydric Soil Present?	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark ! Other (Explain in Re bed or problematic. Yes	(MLRA 144A, 145, 149B) il (F21) Surface (TF12) emarks) No
	Sandy (Sandy F Strippe Dark Su dicators strictive	aleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N of hydrophytic veg Layer (if observed) : Type: Depth (inches):	illRA 149	9 B) and wetland hydr None		y must be	e present, unless distur Hydric Soil Present?	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark : Other (Explain in Re bed or problematic. Yes	(MLRA 144A, 145, 149B) il (F21) Surface (TF12) emarks) No
	Sandy (Sandy F Strippe Dark Su dicators strictive	aleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches):	<u>etation</u>	9 B) and wetland hydr None		y must be	e present, unless distur Hydric Soil Present?	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark : Other (Explain in Re bed or problematic. Yes	(MLRA 144A, 145, 149B) il (F21) Surface (TF12) emarks) No
	Sandy (Sandy F Strippe Dark Su dicators strictive	aleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: _Depth (inches):	ILRA 149	9 B) and wetland hydr None		y must be	e present, unless distur Hydric Soil Present?	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark : Other (Explain in Re bed or problematic. Yes	(MLRA 144A, 145, 149B) Il (F21) Surface (TF12) emarks) No
	Sandy (Sandy F Strippe Dark Su dicators strictive	aleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr None	olog	y must be	e present, unless distur Hydric Soil Present?	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark : Other (Explain in Re bed or problematic. Yes	(MLRA 144A, 145, 149B) il (F21) Surface (TF12) emarks) No∕_
	Sandy (Sandy F Strippe Dark Su dicators strictive	aleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches):	ILRA 14 9	9 B) and wetland hydr None		y must be	e present, unless distur Hydric Soil Present?	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark : Other (Explain in Re bed or problematic. Yes	(MLRA 144A, 145, 149B) Il (F21) Surface (TF12) emarks) No
	Sandy (Sandy F Strippe Dark Su dicators strictive	aleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr None	olog <u></u>	y must be	e present, unless distur Hydric Soil Present?	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark : Other (Explain in Re bed or problematic. Yes	(MLRA 144A, 145, 149B) Il (F21) Surface (TF12) emarks) No
	Sandy (Sandy F Strippe Dark Su dicators strictive	Jeyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: 	ILRA 149	9B) and wetland hydr None		y must be	e present, unless distur Hydric Soil Present?	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark : Other (Explain in Re bed or problematic. 	(MLRA 144A, 145, 149B) II (F21) Surface (TF12) emarks) No∕
	Sandy (Sandy F Strippe Dark Su dicators strictive	Jeyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N <u>of hydrophytic veg</u> Layer (if observed): Type: 	ILRA 149	9 B) and wetland hydr None	olog	y must be	e present, unless distur Hydric Soil Present?	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark : Other (Explain in Re bed or problematic. 	(MLRA 144A, 145, 149B) II (F21) Surface (TF12) emarks) No∕
	_ Sandy (_ Sandy F _ Strippe _ Dark Su dicators strictive	Jeyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr None	olog	y must be	e present, unless distur Hydric Soil Present?	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark : Other (Explain in Re bed or problematic. Yes	(MLRA 144A, 145, 149B) Il (F21) Surface (TF12) emarks) No
	_ Sandy (_ Sandy F _ Strippe _ Dark Su dicators strictive	aleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches):	<u>etation a</u>	9 B) and wetland hydr None	olog	y must be	e present, unless distur Hydric Soil Present?	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark : Other (Explain in Re bed or problematic. Yes	(MLRA 144A, 145, 149B) Il (F21) Surface (TF12) emarks) No
	_ Sandy (_ Sandy F _ Strippe _ Dark Su idicators istrictive marks:	aleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches):	<u>etation</u>	9 B) and wetland hydr None		y must be	e present, unless distur Hydric Soil Present?	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark : Other (Explain in Re bed or problematic. Yes	(MLRA 144A, 145, 149B) Il (F21) Surface (TF12) emarks) No∕_
	_ Sandy (_ Sandy F _ Strippe _ Dark Su dicators strictive marks:	aleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 149	9 B) and wetland hydr None	olog <u></u>	y must be	e present, unless distur Hydric Soil Present?	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark : Other (Explain in Re bed or problematic. Yes	(MLRA 144A, 145, 149B) II (F21) Surface (TF12) emarks) No∕_
	_ Sandy (_ Sandy F _ Strippe _ Dark Su dicators strictive marks:	aleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 149	9B) and wetland hydr None	olog <u></u>	y must be	e present, unless distur Hydric Soil Present?	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark : Other (Explain in Re bed or problematic. Yes	(MLRA 144A, 145, 149B) Il (F21) Surface (TF12) emarks) No∠
	Sandy (Sandy F Strippe Dark Su dicators strictive	aleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 149	PB) and wetland hydr None		y must be	e present, unless distur Hydric Soil Present?	Mesic Spodic (TA6) Red Parent Materia Very Shallow Dark : Other (Explain in Re bed or problematic. Yes	(MLRA 144A, 145, 149B) II (F21) Surface (TF12) emarks) No∠

Photo of Sample Plot



Project/Site: East Poir	pject/Site: East Point City/County: Sharon, Schoharie County						2018-May-24
Applicant/Owner: N	licant/Owner: NextEra State: New York						W-MJR-21; PEM-1
Investigator(s): Matt	t Regan, Kaylee	ship, Range:					
Landform (hillslope, te	rrace, etc.):	Hillslope	Local r	elief (concave,	convex, none):	Concave	Slope (%): 10-20
Subregion (LRR or MLF	RA): LRR L			Lat: 42.79304	76 Long:	-74.5647945	Datum: WGS84
Soil Map Unit Name:	NdC3: Nunda	a channery silt loam	n, 10 to 20 percent slo	pes, eroded		NWI classifi	cation:
Are climatic/hydrologi	c conditions or	the site typical for	this time of year?	Yes 🟒	_ No (If n	o, explain in Rema	arks.)
Are Vegetation,	Soil,	or Hydrology s	significantly disturbed	? Are "N	ormal Circums	tances" present?	Yes 🟒 No
Are Vegetation,	Soil,	or Hydrology r	naturally problematic	? (If nee	ded, explain ar	ny answers in Rem	narks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🟒 No								
Hydric Soil Present?	Yes 🟒 No _	Is the Sampled Area within a Wetland?	Yes 🟒 No _						
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-MJR-21						
Remarks: (Explain alternative procedures here or in a separate report)									
TRC covertype is PEM. Area is wetland, all th	ree wetland parameters a	are present.							

Wetland Hydrology Indicators:				
Primary Indicators (minimum of or	ne is required; check a	all that apply)		Secondary Indicators (minimum of two required)
Surface Water (A1) _✓ High Water Table (A2) _✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Wat Aqu Mar Hyd Oxic	er-Stained Leaves (B9) atic Fauna (B13) l Deposits (B15) rogen Sulfide Odor (C1) dized Rhizospheres on Living	; Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Images Sparsely Vegetated Concave Summary Sparsely Vegetated Concave Sparsely Vegetated Concave Sparsely	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 			
Field Observations:				
Surface Water Present?	Yes No 🟒	Depth (inches):		
Water Table Present?	Yes 🟒 No	Depth (inches):	12	Wetland Hydrology Present? Yes No
Saturation Present?	Yes 🟒 No	Depth (inches):	0	_
(includes capillary fringe)				
Describe Recorded Data (stream g	auge, monitoring well	l, aerial photos, previous ins	pections), if	available:

Sampling Point: W-MJR-21; PEM-1

Tree Stratum (Plot size: <u>30 ft</u>)	Absolute	e Dominant	Indicator	Dominance Test works	heet:		
	% Cover	Species?	Status	Are OBL EACW or EAC	species That	1	(A)
1				Total Number of Domi	nant Spacias		
2		<u> </u>		Across All Strata	nant species	1	(B)
3				Percent of Dominant S	necies That		
4				Are OBL. FACW. or FAC		100	(A/B)
5				Prevalence Index work	sheet:		
6				Total % Cover	of:	Multiply	Bv:
7				OBL species	20	x 1 =	20
	0	= Total Cove	er	FACW species	25	x 2 =	50
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	70	x 3 =	210
1		<u> </u>		FACU species	0	x 4 =	0
2		<u> </u>		UPL species	0	x 5 =	0
3				Column Totals	115	(A)	280 (B)
4				Prevalence li	ndex = B/A =	24	200 (2)
5						2. (
6		<u> </u>		1 Danid Test for	n indicators:	lagatation	
7				1- Rapid Test for	nyuropriyuc v	regetation	
	0	= Total Cove	er	2 - Dominance le	SUIS $> 50\%$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				5 - Prevalence inc	Adaptations	1 (Drovida	supporting
1. <i>Equisetum arvense</i>	70	Yes	FAC	data in Remarks or on	a senarate sh	' (Provide : heet)	supporting
2. Typha angustifolia	20	No	OBL	Problematic Hydi	onhytic Vege	tation ¹ (Ex	nlain)
3. Solidago gigantea	15	No	FACW	¹ Indicators of hydric so	il and wetlan		y must he
4. Impatiens capensis	10	No	FACW	present, unless disturb	ed or proble	matic	by must be
5.				Definitions of Vegetation	on Strata:		
6.				Tree – Woody plants 3	in. (7.6 cm) o	r more in c	liameter at
7.				breast height (DBH), re	gardless of h	eight.	
8.				Sapling/shrub - Wood	/ plants less t	han 3 in. D	BH and
9.				greater than or equal t	o 3.28 ft (1 m	ı) tall.	
10.				Herb – All herbaceous	(non-woody)	plants, reg	ardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines – All woo	dy vines grea	ter than 3.	28 ft in
	115	= Total Cove	er	height.			
Woody Vine Stratum (Plot size: 30 ft)		_		Hydrophytic Vegetatio	on Present?	Yes 🟒 N	0
1.							
2.							
3							
4		<u> </u>					
···	0	= Total Cove	٩r				
			-1				
Remarks: (Include photo numbers here or on a sepa	rate sheet.)						

Sampling Point: <u>W-MJR-21; PEM-1</u>

Profile Desc	cription: (Describe	to the c	depth needed to o	docun	nent the	indicator or	confirm the at	osence of indicato	rs.)
Deptn	Matrix	~	Redox	K Feat	ures				
(inches)	Color (moist)	%_	Color (moist)	<u>%</u>	Type	Loc ²	lextu	ure	Remarks
0 - 7	10YR 3/2						Silt Lo	bam	
7 - 10	2.5Y 4/2	95	10YR 4/4	5	C	M	Silty Clay	/ Loam	
10 - 18	2.5Y 5/2	95	10YR 4/4	5	C	Μ	Clay L	oam	
<u> </u>								· _	
1Ti in ai C - C							ad Craina 21		Lining M - Matuix
$\frac{1}{1}$	oncentration, D =	Depieti	on, RM = Reduced	u iviat	rix, ivis =	Masked Sa	nd Grains. ² LC	Deation: PL = Pore	
Hydric Soil	indicators:							Indicators for Pro	oblematic Hydric Solls ³ :
Histosol	(A1)		Polyvalue Be	elow S	Surface (S	68) (LRR R, N	/ILRA 149B)	2 cm Muck (A	A10) (LRR K, L, MLRA 149B)
Histic Ep	oipedon (A2)		Thin Dark Su	urface	(S9) (LRF	R, MLRA 1	49B)	Coast Prairie	Redox (A16) (LRR K, L, R)
Black HI	STIC (A3)			(y iviir	ieral (FT)	(LRR K, L)		5 cm Mucky l	Peat or Peat (S3) (LRR K, L, R)
Hyuroge	d Lavors (AE)		Loany Gleye	eu ivia				Dark Surface	e (S7) (LRR K, L)
Su aune	d Below Dark Surf:	ace (A1	 Pedox Dark 	Surfa	r5) ce (F6)			Polyvalue Be	low Surface (S8) (LRR K, L)
Thick Da	ark Surface (A12)		Depleted Da	irk Su	rface (F7)		Thin Dark Su	rface (S9) (LRR K, L)
Sandy M	lucky Mineral (S1)		Redox Depr	essior	nace (F8))		Iron-Mangan	iese Masses (F12) (LRR K, L, R)
Sandy G	leved Matrix (S4)		<u> </u>	000101				Piedmont Flo	oodplain Soils (F19) (MLRA 149B)
Sandy R	edox (S5)							Mesic Spodic	: (TA6) (MLRA 144A, 145, 149B)
Strinner	Matrix (S6)							Red Parent N	/laterial (F21)
Suipped	rface (S7) (I PP P N		19B)					Very Shallow	Dark Surface (TF12)
Dark Su								Other (Explai	in in Remarks)
³ Indicators	of hydrophytic veg	etation	and wetland hyd	rolog	y must b	e present, ι	inless disturbe	d or problematic.	
Restrictive I	_ayer (if observed):								
	Туре:		None			Hydric So	il Present?	١	res 🟒 No
	Depth (inches):			-					
Remarks:									
itemarks.									

Photo of Sample Plot



Project/Site: East Point	t		City/County:	Sharon, Scl	hoharie Cou	inty			Sampling Date:	: 2018-	May-24
Applicant/Owner: Ne	extEra				Sta	te:	New Yo	ork	Sampling Point:	W-MJR-	21; PFO-1
Investigator(s): Matt	Regan, Kaylee	Townsend			Section, To	wns	hip, Rai	nge:			
Landform (hillslope, ter	race, etc.):	Swamp		Local ı	relief (conca	ve, d	convex,	none):	Concave		Slope (%): 2-5
Subregion (LRR or MLR	A): LRR I	-			Lat: 42.79	3022	28	Long:	-74.5641856	C	Datum: WGS84
Soil Map Unit Name:									NWI classifi	cation:	
Are climatic/hydrologic	conditions or	the site typica	for this time	of year?	Yes	1	_No	_ (If no	o, explain in Rema	arks.)	
Are Vegetation,	Soil,	or Hydrology _	significant	tly disturbed	d? Ar	e "No	ormal C	ircums	tances" present?	Ye	s 🟒 No
Are Vegetation,	Soil,	or Hydrology _	naturally	problematic	? (If	need	ded, exp	olain an	y answers in Rem	narks.)	

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🯒 No
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-MJR-21
Remarks: (Explain alternative procedure	es here or in a separate rep	hort)	
TRC covertype is PFO.			

Wetland Hydrology Indicators:						
Primary Indicators (minimum of o	ne is required; check all	Secondary Indicators (minimum of two required)				
 ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	Water Aquat Marl I Hydro Oxidia	r-Stained Leaves (B9) tic Fauna (B13) Deposits (B15) ogen Sulfide Odor (C1) zed Rhizospheres on Living	; Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imageny (C9) 		
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Im Sparsely Vegetated Concave Summer Summ	Prese Recer Thin M agery (B7) Other urface (B8)	nce of Reduced Iron (C4) nt Iron Reduction in Tilled S Muck Surface (C7) · (Explain in Remarks)	ioils (C6)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) ✓ FAC-Neutral Test (D5) 		
Field Observations:	× 7					
Surface Water Present?	Yes 🟒 No	Depth (inches):	1			
Water Table Present?	Yes 🟒 No	Depth (inches):	6	Wetland Hydrology Present? Yes No		
Saturation Present?	Yes 🟒 No	Depth (inches):	0	_		
(includes capillary fringe)						
Describe Recorded Data (stream g	auge, monitoring well, a	aerial photos, previous ins	pections), if	available:		

Sampling Point: W-MJR-21; PFO-1

Tree Stratum (Plot size: <u>30 ft</u>)	Absolute	Dominant	Indicator	Dominance Test works	heet:		
1 Denulus grandidantata	15	Species:		Are OBL, FACW, or FAC	:	4	(A)
Populus granuluentata Fravinus popper/uapica	10	Voc	FACU	Total Number of Domi	nant Species		
	10	Tes	FACVV	Across All Strata:		5	(B)
з				Percent of Dominant S	pecies That	80	(A /D)
т Б				Are OBL, FACW, or FAC	:		(A/B)
6	·			Prevalence Index work	sheet:		
7				<u>Total % Cover</u>	<u>of:</u>	<u>Multiply</u>	<u>By:</u>
··	25	= Total Cov	er	OBL species	0	x 1 =	0
Sanling/Shrub Stratum (Plot size: 15 ft)		-		FACW species	130	x 2 =	260
1. Cornus amomum	70	Yes	FACW	FAC species	15	x 3 =	45
2. Populus grandidentata	10	No	FACU	FACU species	25	x 4 =	100
3.				UPL species	0	x 5 =	0
4				Column Totals	170	(A)	405 (B)
5.				Prevalence Ir	ndex = B/A =	2.4	
6.				Hydrophytic Vegetation	n Indicators:		
7.				1- Rapid Test for H	Hydrophytic V	egetation/	
···	80	= Total Cov	er	2 - Dominance Te	st is >50%		
Herb Stratum (Plot size: 5 ft)		-		3 - Prevalence Inc	lex is $\leq 3.0^1$		
1. Impatiens capensis	50	Yes	FACW	4 - Morphological	Adaptations	(Provide	supporting
2. Equisetum arvense	15	Yes	FAC	data in Remarks or on	a separate sh	ieet)	(nlain)
3.				Problematic Hydr	il and wotlan	d bydrolo	(piain) au must bo
4.				nresent unless disturb	ed or problem	u riyurolo matic	gy must be
5.				Definitions of Vegetation	n Strata	natic	
6.				Tree – Woody plants 3	in (7.6 cm) or	r more in	diameter at
7.				breast height (DBH), re	gardless of h	eight.	
8.				Sapling/shrub - Woody	v plants less tl	han 3 in. [OBH and
9.				greater than or equal t	o 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous	(non-woody)	plants, reg	gardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines – All wood	dy vines great	ter than 3	.28 ft in
	65	= Total Cov	er	height.			
Woody Vine Stratum (Plot size:30 ft)		-		Hydrophytic Vegetatio	n Present?	/es 🟒 N	lo
1.							
2.							
3.							
4.							
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a consta	te sheet)	-		<u>]</u>			
	te sneet.)						

Sampling Point: W-MJR-21; PFO-1

nches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ure Remarks
J - 18	N 4/	100		·			Silty Clay	y Loam
·				·				
pe: C = C dric Soil I	ndicators:	Jepielio	n, RM = Reduced	wat	1X, IVIS =	Masked S	and Grains. ² Li	Indicators for Problematic Hydric Soils ³
Histosof Histic Ep Black Hi: Hydroge Stratified Depleted Thick Da Sandy M Sandy G Sandy R Sandy R Strippec	(A1) ipedon (A2) stic (A3) In Sulfide (A4) I Layers (A5) Below Dark Surfa Irk Surface (A12) lucky Mineral (S1) leyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, M	ice (A11) ILRA 149	 Polyvalde Bel Thin Dark Su Loamy Mucky Loamy Gleye Depleted Mar Redox Dark S Depleted Dar Redox Depre 	ow S rface / Min d Mat trix (F Gurfac k Sur ssion	(S9) (LRR eral (F1) (trix (F2) (3) :e (F6) face (F7) is (F8)	8) (LRR R, R, MLRA ((LRR K, L)	MLKA 1496) 149B)	 2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
dicators	of hydrophytic vege	etation a	and wetland hydr	ology	/ must be	e present,	unless disturbe	d or problematic.
strictive L	ayer (if observed): Type: Dopth (inchos):		None			Hydric S	oil Present?	Yes _ 🖌 No
marks:								

Photo of Sample Plot



Project/Site: East Point			ity/County:	Sharon, Sch	oharie County	Sampling Date: 2018-May-24		
Applicant/Owner: N	lextEra				State:	New York	Sampling Point:	W-MJR-21; UPL-1
Investigator(s): Matt	: Regan, Kaylee	Townsend			Section, Towns			
Landform (hillslope, te	rrace, etc.):	Hillslope		Local re	elief (concave,	convex, none):	Convex	Slope (%): 1-10
Subregion (LRR or MLF	RA): LRR L				Lat: 42.79293	92 Long:	-74.5649327	Datum: WGS84
Soil Map Unit Name:	NdC3: Nunda	a channery silt loa	im, 10 to 20	percent slop	pes, eroded		NWI classifi	ication:
Are climatic/hydrologic	conditions on	the site typical fo	or this time o	of year?	Yes 🟒	_ No (lf n	o, explain in Rema	arks.)
Are Vegetation,	Soil,	or Hydrology	_ significantl	y disturbed	? Are "N	ormal Circums	stances" present?	Yes 🟒 No
Are Vegetation,	Soil,	or Hydrology	_ naturally p	roblematic?	? (If nee	ded, explain ar	ny answers in Rem	narks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No _	lf yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures her	e or in a separate report		
TRC covertype is UPL.			

Wetland Hydrology Indicators:					
Primary Indicators (minimum of on	Secondary Indicators (minimum of	<u>f two required)</u>			
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	Water-Stai Aquatic Fa Marl Depo Hydrogen Oxidized R	ned Leaves (B9) una (B13) sits (B15) Sulfide Odor (C1) hizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 		
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) 			 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations:					
Surface Water Present?	Yes No 🟒	Depth (inches):			
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present?	Yes No 🟒	
Saturation Present?	Yes No 🟒	Depth (inches):			
(includes capillary fringe)			-		
Describe Recorded Data (stream ga	auge, monitoring well, aeria	l photos, previous inspections), if a	available:		

Sampling Point: W-MJR-21; UPL-1

Integ stratum (Plot size:	That	
1.	^{, mat} 1	(A)
2.		
3. Across All Strata: 4.	pecies 2	(B)
4.		
5.	That 50	0 (A/B)
6.		
7.	Multin	
0 = Total Cover FACW species 0 Sapling/Shrub Stratum (Plot size: _15 ft) = Total Cover FACW species 0 1.		<u>іу Бу.</u> О
Sapling/Shrub Stratum (Plot size: _15 ft _) FAC species 1.	X1=	
1.	X2=	190
2.	<u> </u>	0
3.	X4=	250
4.	x 5 =	35U
5.	<u>0</u> (A)	530 (B)
6.	в/A = <u>4.1</u>	
7.	ators:	
0 = Total Cover 2 - Dominance Test is > 1. Zea mays 70 Yes UPL 2. Equisetum arvense 60 Yes FAC 3.	hytic Vegetatio	on
Herb Stratum (Plot size: _5 ft) 3 - Prevalence Index is : 1. Zea mays 70 Yes UPL 2. Equisetum arvense 60 Yes FAC 31ndicators of hydric soil and 1ndicators of hydric soil and	50%	
1. Zea mays 70 Yes UPL 4 - Morphological Adap 2. Equisetum arvense 60 Yes FAC Problematic Hydrophyt 3.	≤ 3.0¹	
2. Equisetum arvense 60 Yes FAC Indicators of hydric soil and 3.	ations ¹ (Provid	e supporting
3 Problematic Hydrophyl 1Indicators of hydric soil and	rate sheet)	Fundain)
	c vegetation' (explain)
4. procent upless disturbed or	welland nydrol problematic	logy must be
5. Definitions of Veretation Str	bioblematic	
6 June Woody plants 3 in (7.6	cm) or more i	a diameter at
7	ess of height.	i ulameter at
8 Sapling/shrub - Woody plant	s less than 3 in	DBH and
g greater than or equal to 3.28	ft (1 m) tall.	, DDTT dilla
10 Herb – All herbaceous (non-v	voody) plants, r	egardless of
11 size, and woody plants less t	nan 3.28 ft tall.	0
12 Woody vines – All woody vine	s greater than	3.28 ft in
120 - Total Cover height.		
Woody Vine Stratum (Plot cize: 30 ft) Hydrophytic Vegetation Pres	ent? Yes	No 🖌
2		
<u> </u>		
Remarks: (Include photo numbers here or on a separate sheet.)		

0 - 18	10YR 3/2	100					Silt Loam	n
·								
·								
				·				
				· —		<u> </u>		
<u> </u>				· —	. <u> </u>	<u> </u>		
<u> </u>				· —		. <u> </u>		
<u> </u>				· —		. <u> </u>		
	ancontration D = [DM - Doducod	Mate		Mackad	Cand Crains 21	acation: DL - Dara Lining M - Matrix
ype. $C = C$	oncentration, D = L	Jepielion	, הואו – אפטטכפט	wati	1X, IVIS =	wasked	Sanu Grains. 4LC	Indicators for Problematic Hydric Soile3
Historol	αιτατοί s. (Δ1)		Polyvalue Rel	0W/ C	urfaco (C	8) (DD D		
Histic En	ipedon (A2)	-	Thin Dark Su	rface	(S9) (LRR	R, MLRA	(149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Black His	stic (A3)	-	 Loamy Mucky	y Min	eral (F1)	, (LRR K, L)	5 cm Mucky Post or Post (S3) (LRR K, L, R)
_ Hydroge	n Sulfide (A4)	_	_ Loamy Gleye	d Ma	trix (F2)			Dark Surface (S7) (I RR K. I.)
_ Stratified	Layers (A5)	-	_ Depleted Mat	trix (F	-3)			Polyvalue Below Surface (S8) (LRR K, L)
_ Depleted	Below Dark Surfa	ice (A11)_	_ Redox Dark S	Surfac	ce (F6)			Thin Dark Surface (S9) (LRR K, L)
Sandy M	rk Surface (ATZ)	-	_ Depieted Dar Redox Depre	K SUI	(F8)			Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy G	leved Matrix (S4)	-		331011	IS (1 0)			Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy Re	edox (S5)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Stripped	Matrix (S6)							Red Parent Material (F21)
_ Dark Sur	face (S7) (LRR R, M	ILRA 149E	3)					Very Shallow Dark Surface (1F12)
ndicators c	of hydrophytic vege	etation ar	id wetland hydr	ology	/ must be	e present	t, unless disturbe	ed or problematic.
	ayer (II observed):		Pock			Ludric	Soil Procont?	Voc No (
r	Type. Dopth (inchos):		12	•		nyuric :	son Present?	
	Depth (inches).	_	12					<u>.</u>
211101 KS.								

Project/Site: East Point	City/County: Sharon, Schoharie County	Sampling Date: 2018-May-24		
Applicant/Owner: NextEra	State: New York	Sampling Point: W-MJR-21; UPL-2		
Investigator(s): Matt Regan, Kaylee Townsend	Section, Township, Range:			
Landform (hillslope, terrace, etc.): Hillslope	Local relief (concave, convex, nor	e): Convex Slope (%): 1-10		
Subregion (LRR or MLRA): LRR L	Lat: 42.7928851 Lo	ng: -74.5640957 Datum: WGS84		
Soil Map Unit Name: NdC3: Nunda channery silt	loam, 10 to 20 percent slopes, eroded	NWI classification:		
Are climatic/hydrologic conditions on the site typic	al for this time of year? Yes 🖌 No (I	f no, explain in Remarks.)		
Are Vegetation, Soil, or Hydrology	significantly disturbed? Are "Normal Circu	mstances" present? Yes 🟒 No		
Are Vegetation, Soil, or Hydrology	naturally problematic? (If needed, explain	any answers in Remarks.)		

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒								
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes No 🟒						
Wetland Hydrology Present?	Yes No _	lf yes, optional Wetland Site ID:							
Remarks: (Explain alternative procedures here or in a separate report)									
TRC covertype is UPL									

Wetland Hydrology Indicators:					
Primary Indicators (minimum of on	Secondary Indicators (minimum of	<u>f two required)</u>			
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	Water-Stai Aquatic Fa Marl Depo Hydrogen Oxidized R	ned Leaves (B9) una (B13) sits (B15) Sulfide Odor (C1) hizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 		
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) 			 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations:					
Surface Water Present?	Yes No 🟒	Depth (inches):			
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present?	Yes No 🟒	
Saturation Present?	Yes No 🟒	Depth (inches):			
(includes capillary fringe)			-		
Describe Recorded Data (stream ga	auge, monitoring well, aeria	l photos, previous inspections), if a	available:		

Sampling Point: W-MJR-21; UPL-2

	Absolute	Dominant	Indicator	Dominance Test works	neet:			
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)	% Cover	Species?	Status	Number of Dominant S	pecies That	1	(A)	
1.				Are OBL, FACW, or FAC			(A)	
2.				Total Number of Domir	nant Species	2	(B)	
3.				Across All Strata:			(5)	
4.				Percent of Dominant S	pecies That	50	(A/B)	
5.				Are OBL, FACW, or FAC	- b b -			
6.				Prevalence Index works	sneet:		D. n	
7.					<u>oi:</u>		<u>By:</u>	
	0	= Total Cove	er	EACW species	0	x I	0	
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)		-		FACW species	70	×2	210	
1.				FAC species	70	×	140	
2.					35	× 4	0	
3.				Column Totals	105	x 5	2EQ (D)	
4.						(A) _	330 (B)	
5.					uex = B/A =	3.3		
6.				Hydrophytic Vegetation	Indicators:			
7.				1- Rapid Test for F	lydrophytic v	egetation/	1	
	0	= Total Cove	er	2 - Dominance les	St IS > 50%			
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)		-		3 - Prevalence Ind	$e_X IS \leq 3.0^{\circ}$	(Drawida		
1. Equisetum arvense	55	Yes	FAC	4 - Morphological	Adaptations	(Provide	supporting	
2. Solidago canadensis	35	Yes	FACU	Problematic Hydrophytic Vegetation1 (Explain)				
3. <i>Carex blanda</i>	15	No FAC Indicators of hydric soil and wetland hydrology must					gy must be	
4.				present, unless disturbed or problematic				
5.				Definitions of Vegetation	n Strata:			
6.				Tree – Woody plants 3 i	n. (7.6 cm) or	r more in	diameter at	
7.				breast height (DBH), re	gardless of h	eight.		
8.				Sapling/shrub - Woody	plants less t	han 3 in. I	OBH and	
9.				greater than or equal to	o 3.28 ft (1 m) tall.		
10.				Herb – All herbaceous (non-woody)	plants, re	gardless of	
11				size, and woody plants	less than 3.2	8 ft tall.		
12.				Woody vines – All wood	ly vines great	ter than 3	.28 ft in	
	105	= Total Cove	er	neight.				
Woody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic Vegetatio	n Present?	/es N	No _	
1								
2								
3								
4								
	0	= Total Cove	er					
Remarks: (Include photo numbers here or on a separat	e sheet.)			_				

,	Color (moist)	%	Color (moist)	%	Type ¹	Loc ² Texture	Remarks
- 18	10YR 3/1	95	7.5YR 3/4	5	С	M Silt Loam	I
						·	
e: C = C	Concentration, D = I	Depleti	on, RM = Reduced	d Mat	rix, MS =	Masked Sand Grains. ² L	ocation: PL = Pore Lining, M = Matrix.
ric Soil	Indicators:						Indicators for Problematic Hydric Soils ³ :
listosol	l (A1) Dipodon (A2)		Polyvalue Be	low S	Surface (S	8) (LRR R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Black Hi	istic (A3)		Loamy Muck	v Mir	neral (F1)	(LRR K. L)	Coast Prairie Redox (A16) (LRR K, L, R)
Hydroge	en Sulfide (A4)		Loamy Gleye	ed Ma	trix (F2)	(, _)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
Stratifie	d Layers (A5)		Depleted Ma	atrix (F3)		Dark Surface (S7) (LRR K, L)
Deplete	d Below Dark Surfa	ice (A1	l) Redox Dark	Surfa	ce (F6)		Polyvalue Below Surface (S8) (LRR K, L)
hick Da	ark Surface (A12)		Depleted Da	rk Su	rface (F7)		ITHIT Dark Surface (S9) (LKK K, L)
Sandy N	lucky Mineral (S1)		Redox Depre	essior	ns (F8)		ITOT-Mariganese Masses (FT2) (LKK K, L, K) Piedmont Eleodolain Soils (E19) (MI PA 1498)
Sandy G	Gleyed Matrix (S4)						Masic Spadic (TA6) (MI DA 144A 145 149B)
Sandy R	Redox (S5)						Pod Parent Material (E21)
Stripped	d Matrix (S6)						Very Shallow Dark Surface (TE12)
	rface (S7) (I PP P M	ILRA 14	9B)				Other (Explain in Remarks)
Dark Su				حامم	v must b	e present, unless disturbe	ed or problematic.
Dark Su icators	of hydrophytic veg	etation	and wetland hyd	roiog	y must be		
Dark Su icators r rictive l	of hydrophytic veg Layer (if observed):	etation	and wetland hyd	roiog	y must be		· · · ·
Dark Su icators rictive l	of hydrophytic veg Layer (if observed): Type:	etation	and wetland hyd None	<u> </u>	y must be	Hydric Soil Present?	Yes _ 🖌 No
Dark Su <u>cators</u> rictive l	of hydrophytic veg Layer (if observed): Type: _Depth (inches):	etation	and wetland hyd None		y must be	Hydric Soil Present?	Yes _ 🖌 No
Dark Su cators rictive I arks:	of hydrophytic veg Layer (if observed): Type: Depth (inches):	etation	and wetland hyd None	- -	y must be	Hydric Soil Present?	Yes _ 🖌 No
Dark Su cators rictive I arks:	of hydrophytic veg Layer (if observed): Type: Depth (inches):	<u></u>	and wetland hyd None	-	y must be	Hydric Soil Present?	Yes _ 🖌 No
oark Su cators rictive l arks:	of hydrophytic veg Layer (if observed): Type: Depth (inches):	etation	and wetland hyd None		y must be	Hydric Soil Present?	Yes No
oark Su cators rictive l arks:	of hydrophytic veg Layer (if observed): Type: Depth (inches):	etation	and wetland hyd None		y must be	Hydric Soil Present?	Yes _ 🖌 No
oark Su cators rictive I arks:	of hydrophytic veg Layer (if observed): Type: Depth (inches):	etation	and wetland hyd None		y must be	Hydric Soil Present?	Yes No
oark Su cators rictive l arks:	of hydrophytic veg Layer (if observed): Type: Depth (inches):	etation	and wetland hyd None		y must be	Hydric Soil Present?	Yes No
oark Su cators rictive I arks:	of hydrophytic veg Layer (if observed): Type: Depth (inches):	<u>etation</u>	and wetland hyd None	-	y must be	Hydric Soil Present?	Yes No
oark Su cators rictive I arks:	of hydrophytic veg Layer (if observed): Type: Depth (inches):	etation	and wetland hyd None	-	y muse of	Hydric Soil Present?	Yes No
oark Su cators rictive I arks:	of hydrophytic veg Layer (if observed): Type: Depth (inches):	<u></u>	and wetland hyd None	-	y must be	Hydric Soil Present?	Yes No
oark Su cators rictive I arks:	of hydrophytic veg Layer (if observed): Type: Depth (inches):	etation 	and wetland hyd None		y must be	Hydric Soil Present?	Yes _ 🖌 _ No
oark Su cators rictive I arks:	of hydrophytic veg Layer (if observed): Type: Depth (inches):	etation 	and wetland hyd None			Hydric Soil Present?	Yes _ 🖌 _ No
Dark Su cators rictive I arks:	of hydrophytic veg Layer (if observed): Type: Depth (inches):	etation 	and wetland hyd None	-		Hydric Soil Present?	Yes _ 🖌 No
Dark Su icators rictive I arks:	of hydrophytic veg Layer (if observed): Type: Depth (inches):	etation	and wetland hyd	-		Hydric Soil Present?	Yes _ <u>/</u> No
Dark Su cators rictive I arks:	of hydrophytic veg Layer (if observed): Type: Depth (inches):	<u>etation</u>	and wetland hyd	-	y muse of	Hydric Soil Present?	Yes _ 🖌 No
Dark Su icators rictive I	of hydrophytic veg Layer (if observed): Type: Depth (inches):	<u>etation</u>	and wetland hyd		y muse of	Hydric Soil Present?	Yes No
Dark Su cators rictive I arks:	of hydrophytic veg Layer (if observed): Type: Depth (inches):	<u></u>	and wetland hyd	-		Hydric Soil Present?	Yes No
oark Su cators rictive I arks:	of hydrophytic veg Layer (if observed): Type: Depth (inches):	etation 	and wetland hyd	-	y muse of	Hydric Soil Present?	Yes _ <u>/</u> No





Project/Site: East Poin	t		City/County: Sh	aron, Scho	oharie		Sampling Date	: 2018-May-24
Applicant/Owner: N	extEra				State:	New York	Sampling Point:	W-MJR-22; PEM-1
Investigator(s): Matt	Regan, Kaylee	Townsend		S	Section, Towns	ship, Range:		
Landform (hillslope, te	rrace, etc.):	Depression		Local re	lief (concave,	convex, none):	Concave	Slope (%): 2-5
Subregion (LRR or MLR	A): LRR L			L	at: 42.790956	5 Long:	-74.565887	Datum: WGS84
Soil Map Unit Name:	DeB: Darien	silt loam, 2 to 8 p	percent slopes				NWI classifi	ication:
Are climatic/hydrologic	conditions or	the site typical f	for this time of y	year?	Yes 🟒	_ No (If n	o, explain in Rema	arks.)
Are Vegetation,	Soil,	or Hydrology	significantly of	disturbed?	Are "N	ormal Circums	stances" present?	Yes 🟒 No
Are Vegetation,	Soil,	or Hydrology	naturally pro	blematic?	(If nee	ded, explain aı	ny answers in Rem	ıarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-MJR-22
Remarks: (Explain alternative procedur	es here or in a separate rep	port)	
TRC covertype is PEM. Area is wetland,	all three wetland paramete	ers are present.	

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Secondation (Marking Secondation (Mar	ary Indicators (minimum of to face Soil Cracks (B6)	wo required)
Primary Indicators (minimum of one is required; check all that apply) Seconds	ary Indicators (minimum of to face Soil Cracks (B6)	<u>wo required)</u>
Surface Water (A1) Water-Stained Leaves (B9) Surface Water (B1) High Water Table (A2) Aquatic Fauna (B13) Drain (A2) (Saturation (A2)) Marl Deposite (B15) Mos	ace Soil Cracks (B6)	
Water Marks (B1) Hydrogen Sulfide Odor (C1) Dry- Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Cray	inage Patterns (B10) is Trim Lines (B16) Season Water Table (C2) /fish Burrows (C8) iration Visible on Aerial Imag	ery (C9)
Drift Deposits (B3) Presence of Reduced Iron (C4) Stun Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Geor Iron Deposits (B5) Thin Muck Surface (C7) Shal Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Micr Sparsely Vegetated Concave Surface (B8) FAC-	nted or Stressed Plants (D1) morphic Position (D2) llow Aquitard (D3) rotopographic Relief (D4) -Neutral Test (D5)	
Field Observations:		
Surface Water Present? Yes No Depth (inches):		
Water Table Present? Yes 🖌 No Depth (inches): 6 Wetland	d Hydrology Present? Y	es 🟒 No
Saturation Present? Yes 🖌 No Depth (inches): 0		
(includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available Remarks:	:	

Sampling Point: W-MJR-22; PEM-1

Tree Christian (Distring, 20 ft.)	Absolute	Dominant	Indicator	Dominance Test works	neet:		
<u>Tree stratum</u> (Plot size: <u>30 it</u>)	% Cover	Species?	Status	Number of Dominant S	pecies That	2	(A)
1				Are OBL, FACW, or FAC:			
2				Total Number of Domir	ant Species	2	(B)
3				Across All Strata:	:		
4					becies That	100	(A/B)
5				Prevalence Index works	heet.		
6				Total % Cover	of:	Multiply	Bv:
7				- OBL species	80	x 1 =	80
	0	= Total Cov	er	FACW species	10	x 2 =	20
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	0	x 3 =	0
1. Cornus alba	10	Yes	FACW	- FACU species	0	x 4 =	0
2				UPL species	0	x 5 =	0
3				Column Totals	90	(A)	100 (B)
4				Prevalence In	dex = B/A =	1.1	
5					Indicators		
6				1- Rapid Test for H	lvdrophytic \	/egetation	
7				2 - Dominance Tes	st is $>50\%$	egetation	
	10	= Total Cov	er	✓ 3 - Prevalence Ind	ex is $\leq 3.0^1$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				4 - Morphological	Adaptations	¹ (Provide	supporting
1. <i>Typha angustifolia</i>	75	Yes	OBL	data in Remarks or on a	a separate sh	neet)	0
2. Lythrum salicaria	5	No	OBL	Problematic Hydr	ophytic Vege	tation ¹ (Ex	plain)
3				¹ Indicators of hydric so	il and wetlan	d hydrolog	gy must be
4				present, unless disturb	ed or problei	matic	
5				Definitions of Vegetatio	n Strata:		
6				Tree – Woody plants 3 i	n. (7.6 cm) oı	r more in o	diameter at
7				breast height (DBH), reg	gardless of h	eight.	
8				Sapling/shrub – Woody	plants less t	han 3 in. E	OBH and
9				greater than or equal to	5 3.28 ft (1 m) tall.	
10				Herb – All herbaceous (non-woody)	plants, reg	gardless of
11				Woody vines All wood	less than 5.2	tor than 3	28 ft in
12				height.	ly villes great	ter than 5.	201111
	80	= Total Cov	er		n Drocont?		
Woody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic vegetation	ii Flesent?		10
1							
2							
3							
4							
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a separate	sheet.)						

Sampling Point: W-MJR-22; PEM-1

incries)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	ure	Remarks
0 - 4	2.5Y 4/1	100					Silt Lo	bam	
4 - 18	2.5Y 5/1	95	10YR 4/6	5	C		Silty Clay	/ Loam	
								·	
								·	
/pe: C = C dric Soil	Concentration, D = I	Depletio	n, RM = Reduced	Mati	rix, MS =	Masked Sand	Grains. ² Lo	ocation: PL = Pore	Lining, M = Matrix.
_ Histic Ep _ Black Hi _ Hydroge _ Stratifie _ Deplete _ Thick Da _ Sandy M _ Sandy G _ Sandy R	opedon (A2) istic (A3) en Sulfide (A4) d Layers (A5) d Below Dark Surfa ark Surface (A12) Aucky Mineral (S1) Sleyed Matrix (S4) Redox (S5)	ace (A11)	 Inin Dark Su Loamy Muck Loamy Gleye Depleted Ma Redox Dark S Depleted Dar Redox Depres 	rface y Min d Ma trix (F Gurfac k Sur ssior	(59) (LRR eral (F1) (trix (F2) 	R, MLRA 145	в)	Coast Prairie 5 cm Mucky Dark Surface Polyvalue Be Thin Dark Su Iron-Mangar Piedmont Fle Mesic Spodic Red Parent M	e Redox (A16) (LRR K, L, R) Peat or Peat (S3) (LRR K, L, R) e (S7) (LRR K, L) elow Surface (S8) (LRR K, L) inface (S9) (LRR K, L) nese Masses (F12) (LRR K, L, R) podplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21)
_ Dark Su	d Matrix (S6) Irface (S7) (LRR R, M	1LRA 149	9B)					Very Shallow Other (Expla	in in Remarks)
_ Dark Su	d Matrix (S6) Irface (S7) (LRR R, M of hydrophytic veg	ILRA 149	9 B) and wetland hydr	ology	y must be	e present, un	ess disturbe	Very Shallow Other (Expla d or problematic.	in in Remarks)
_ Jark Su _ Dark Su idicators strictive I 	d Matrix (S6) rface (S7) (LRR R, M of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 149	9B) and wetland hydr None	olog	y must be	e present, un Hydric Soil	less disturbe Present?	Very Shallow Other (Expla d or problematic.	y Dark Surface (TF12) in in Remarks) Yes _✓_ No

Project/Site: East Poir	ıt	City	y/County: Sharon, Sch	oharie		Sampling Date	2018-May-24
Applicant/Owner: N	extEra			State:	New York	Sampling Point:	W-MJR-22; UPL-1
Investigator(s): Matt	Regan, Kayle	e Townsend		Section, Towns	ship, Range:		
Landform (hillslope, te	rrace, etc.):	Agricultural Field	Local r	elief (concave,	convex, none):	Flat	Slope (%): 0-1
Subregion (LRR or MLF	RA): LRR	<u> </u>		Lat: 42.79091	8 Long:	-74.566032	Datum: WGS84
Soil Map Unit Name:	IIC: Ilion and	Lyons silt loams, 3	to 15 percent slopes			NWI classifi	cation: None
Are climatic/hydrologic	c conditions o	n the site typical for	this time of year?	Yes 🟒	_ No (If n	o, explain in Rema	arks.)
Are Vegetation,	Soil,	or Hydrology	significantly disturbed	? Are "N	ormal Circums	tances" present?	Yes 🟒 No
Are Vegetation,	Soil,	or Hydrology	naturally problematic?	? (If nee	ded, explain ar	ny answers in Rem	narks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No	lf yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures her	e or in a separate report)	
TRC covertype is UPL. Area is upland, not all t	hree wetland parameter	s are present.	

Wetland Hydrology Indicators:		
Primary Indicators (minimum of one	e is required; check all that apply)	Secondary Indicators (minimum of two required)
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Images Sparsely Vegetated Concave Sur 	 Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) face (B8) 	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present?	Yes No Depth (inches):	
Water Table Present?	Yes No _	Wetland Hydrology Present? Yes No
Saturation Present?	Yes No Depth (inches):	
(includes capillary fringe)		
Describe Recorded Data (stream ga	uge, monitoring well, aerial photos, previous inspections), if a	ıvailable:

Sampling Point: W-MJR-22; UPL-1

Tree Stratum (Plot size: 30 ft)	Absolute	Dominant	Indicator	Dominance Test works	heet:		
	% Cover	Species?	Status	Number of Dominant S	Species That	0	(Δ)
1.				Are OBL, FACW, or FAC	:		(~)
2.				Total Number of Domi	nant Species	1	(B)
3				Across All Strata:		I	(B)
				Percent of Dominant S	pecies That	0	(A/R)
				Are OBL, FACW, or FAC	:		(// D)
S				Prevalence Index work	sheet:		
0				Total % Cover	of:	<u>Multiply</u>	<u>' By:</u>
/				OBL species	0	x 1 =	0
	0	= Total Cove	r	FACW species	0	x 2 =	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	0	x 3 =	0
1				FACU species	95	x 4 =	380
2					0	× 5 -	0
3.				Column Totals	0	× J -	200 (D)
4.					95	(A)	380 (B)
5.				Prevalence li	1aex = B/A =	4	
6.				Hydrophytic Vegetation	n Indicators:		
7				1- Rapid Test for I	Hydrophytic V	/egetatior	ו
/		- Total Covo	<i>v</i>	2 - Dominance Te	st is > 50%		
	0	- 10tal Cove	1	3 - Prevalence Inc	lex is $\leq 3.0^1$		
Herb Stratum (Plot size: <u>5 ft</u>)	05		54.611	4 - Morphological	Adaptations	¹ (Provide	supporting
1. <u>Poa pratensis</u>	95	Yes	FACU	data in Remarks or on	a separate sh	neet)	
2				Problematic Hydr	ophytic Vege	tation ¹ (E	xplain)
3				¹ Indicators of hydric so	il and wetlan	d hydrold	ogy must be
4				present, unless disturb	ed or proble	matic	
5				Definitions of Vegetation	on Strata:		
6.				Tree – Woody plants 3	in. (7.6 cm) oi	r more in	diameter at
7.				breast height (DBH), re	gardless of h	eight.	
8.				Sapling/shrub - Wood	/ plants less t	han 3 in.	DBH and
9				greater than or equal t	o 3.28 ft (1 m) tall.	
10				Herb – All herbaceous	(non-woodv)	plants, re	gardless of
				size, and woody plants	less than 3.2	8 ft tall.	0
				Woody vines - All woo	dv vines great	ter than 3	8.28 ft in
12. <u></u>				height.	,		
	95	= lotal Cove	r		n Present?		
Woody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic vegetatic	in Fresent:	les I	NU <u>/</u>
1							
2							
3							
4.							
	0	= Total Cove	r				
		-					
Remarks: (include photo numbers here or on a sep	arate sneet.)						

10YR 3/3 100 Silt Loam 10YR 3/4 100 Silt Loam 10YR 3/4 100 Silt Loam 10YR 3/3 100 Silt Loam 10YR 3/4	inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks
with the second seco	0 - 8	10YR 3/3	100					Silt Loam		
be: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. be: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. be: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. be: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. bits: Coll Indicators: Indicators for Problematic Hydric Soils? Histic Soil Indicators: Indicators (S9) (LRR R, MLRA 149B) Loamy Mucky Mineral (F1) (LRR K, L)					·					
weil: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils? Histic Gail Indicators: Indicators for Problematic Hydric Soils? Histic Spiledon (A2) Thin Dark Surface (S8) (LRR R, MLRA 149B) Loamy Mucky Mineral (F1) (LRR K, L) S cm Muck (A10) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F2) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A11) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Beloted Dark Surface (F7) Sandy Gleyed Matrix (S4) Red Parent Material (F12) Sandy Redox (S5) Red Parent Material (F12) Dark Surface (S7) (LRR R, MLRA 149B) Red Parent Material (F12) Mark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) Icators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Trep. Type: Rock Hydric Soil Present? Yes					· —					
be: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils*: Histos O(A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) C cast Prairie Redox (A10) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) S cast Prairie Redox (A16) (LRR K, L, R) Stratified Layers (A5) Depleted Matrix (F2) Dark Surface (S9) (LRR K, L) Depleted Bow Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (F7) Thin Dark Surface (A12) Depleted Matrix (S1) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8)					· —					
Designed for the second sec					· —					
Depict C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils ² : Histic Soil Indicators: Indicators for Problematic Hydric Soils ² : Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B)					· <u> </u>					
De: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators: Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Polytagen Sulfide (A4) Loamy Gleyed Matrix (F2) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Thin Dark Surface (F6)					·					
Deric C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils ³ : Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histosol (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F2) Depleted Below Dark Surface (A11) Redox Depressions (F6) Thin Dark Surface (F7) Thin Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Nedox Depressions (F8) Stripped Matrix (S6) Red Parent Material (F21) Dark Surface (S7) (LRR R, MLRA 149B)					_					
De: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. 2Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils?: Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR K, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (F7) Thin Dark Surface (F7) Sandy Mucky Mineral (S1)										
De: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Iric Soil Indicators: Indicators for Problematic Hydric Soils?: Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histosol (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1)										
he: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. 2Location: PL = Pore Lining, M = Matrix. Iric Soil Indicators: Indicators for Problematic Hydric Soils ² : Histosol (A1)Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histic Epipedon (A2)Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3)Loamy Gleyed Matrix (F2) Hydrogen Sulfide (A4)Loamy Gleyed Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (F7)Thin Dark Surface (F7) Sandy Gleyed Matrix (S4)Depleted Dark Surface (F7) Sandy Redox (S5)Redox Depressions (F8) Stripped Matrix (S6)Redox Depressions (F8) Dark Surface (S7) (LRR R, MLRA 149B)Redox Grains. Licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed):					·					
Indicators: Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histosol (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Black Histic (A3) Loamy Gleyed Matrix (F2) Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Redox (S5) Red Parent Material (F21) Stripped Matrix (S6) Red Parent Material (F21) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Redox Depresent, unless disturbed or problematic. trictive Layer (if observed): Rock Type: Rock Depth (inches): 8	pe: C = (Concentration, D = [Depletio	n, RM = Reduced	Matr	rix, MS =	Masked San	d Grains. ² Lo	ocation: PL = Pc	ore Lining, M = Matrix.
Histics (A1)	Iric Soil	Indicators:		Dobavoluo Dol		urfaca (C		DA 140D)	Indicators for	Problematic Hydric Soils ³ :
Black Histic (A3)	Histic E	pipedon (A2)		Thin Dark Su	ow 5 rface	(S9) (LRR	o) (LKK K, M R. MLRA 14	-KA 1496) 9B)	2 cm Muc	k (A10) (LRR K, L, MLRA 149B)
Hydrogen Sulfide (A4)Loamy Gleyed Matrix (F2)S Int Mucky Pear of Pear (S3) (LRR K, L) Stratified Layers (A5)Depleted Matrix (F3)Dark Surface (S7) (LRR K, L) Depleted Below Dark Surface (A11) Redox Dark Surface (F6)Thin Dark Surface (S9) (LRR K, L) Thick Dark Surface (A12)Depleted Dark Surface (F7)Thin Dark Surface (S9) (LRR K, L, R) Sandy Mucky Mineral (S1)Redox Depressions (F8)Thin Dark Surface (S7) (LRR K, L, R) Sandy Gleyed Matrix (S4)Neico Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5)Red Parent Material (F21) Stripped Matrix (S6)Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B)Other (Explain in Remarks) licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed):	Black H	istic (A3)		Loamy Mucky	y Min	eral (F1)	(LRR K, L)	,	Coast Prai	Irie Redox (A16) (LRR K, L, R)
Stratified Layers (A5)	Hydrog	en Sulfide (A4)		Loamy Gleye	d Ma	trix (F2)			5 cm Muc	KY PEAL OF PEAL (55) (LKK K, L, K)
Depleted Below Dark Surface (A11) Redox Dark Surface (F6)	Stratifie	ed Layers (A5)		Depleted Mat	trix (F	-3)			Polyvalue	Below Surface (S8) (I RR K. I.)
Thick Dark Surface (A12)	Deplete	ed Below Dark Surfa	ce (A11)) Redox Dark S	urfac	ce (F6)			Thin Dark	Surface (S9) (LRR K. L)
Sandy Mucky Mineral (S1)Redox Depressions (F8) Sandy Gleyed Matrix (S4)Nesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5)Red Parent Material (F21) Stripped Matrix (S6)Nesic Spodic (TF12) Dark Surface (S7) (LRR R, MLRA 149B)Other (Explain in Remarks) licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type:Rock Depth (inches): 8 Hydric Soil Present? YesNo	Thick D	ark Surface (A12)		Depleted Dar	'k Sur	rface (F7)			Iron-Mans	anese Masses (E12) (I RR K. L. R)
Sandy Gleyed Matrix (S4)Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5)Red Parent Material (F21) Stripped Matrix (S6)Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B)Other (Explain in Remarks) licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type:Rock Depth (inches): 8 Hydric Soil Present? YesNo	C	4 1 441 1/041				(=0)				
Sandy RedOX (S5)	Sandy N	Mucky Mineral (S1)		Redox Depre	ssion	is (F8)			Piedmont	Floodplain Soils (F19) (MLRA 149B)
Stripped Matrix (S6)	Sandy N Sandy (Mucky Mineral (S1) Gleyed Matrix (S4)		Redox Depre	ssion	ıs (F8)			Piedmont Mesic Spo	Floodplain Soils (F19) (MLRA 149B) dic (TA6) (MLRA 144A, 145, 149B)
Dark Surface (3/) (LRK R, MLKA 1495) Other (Explain in Remarks) licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed):	Sandy N Sandy (Sandy F	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5)		Redox Depre	ssior	ıs (F8)			Piedmont Mesic Spo Red Parer	Floodplain Soils (F19) (MLRA 149B) dic (TA6) (MLRA 144A, 145, 149B) nt Material (F21)
licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type:	_ Sandy N _ Sandy (_ Sandy F _ Strippe	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6)		Redox Depre	ssior	ıs (F8)			Piedmont Mesic Spo Red Parer Very Shall	Floodplain Soils (F19) (MLRA 149B) idic (TA6) (MLRA 144A, 145, 149B) it Material (F21) ow Dark Surface (TF12)
trictive Layer (if observed): Type: Rock Depth (inches): 8 Parks:	Sandy N Sandy (Sandy F Strippe Dark Su	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M	LRA 149	Redox Depre 3B)	ssior	ıs (F8)			Piedmont Mesic Spo Red Parer Very Shall Other (Exp	Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) at Material (F21) ow Dark Surface (TF12) olain in Remarks)
Type: Rock Depth (inches): 8 Parks:	Sandy M Sandy G Sandy F Strippe Dark Su dicators	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic vego	LRA 149	Redox Depre JB) and wetland hydr	ssior ology	ıs (F8) y must be	e present, ur	less disturbe	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat	Floodplain Soils (F19) (MLRA 149B) dic (TA6) (MLRA 144A, 145, 149B) nt Material (F21) ow Dark Surface (TF12) plain in Remarks)
Depth (inches): 8 narks:	Sandy M Sandy G Sandy F Strippe Dark Su dicators strictive	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed):	LRA 149	Redox Depre 9B) and wetland hydr	ssior ology	ıs (F8) y must be	e present, ur	less disturbe	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat	Floodplain Soils (F19) (MLRA 149B) idic (TA6) (MLRA 144A, 145, 149B) int Material (F21) ow Dark Surface (TF12) olain in Remarks)
narks:	Sandy M Sandy G Sandy F Strippe Dark Su dicators	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type:	LRA 149	Redox Depre 9B) and wetland hydr Rock	ssior olog	ıs (F8) y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat	Floodplain Soils (F19) (MLRA 149B) vdic (TA6) (MLRA 144A, 145, 149B) at Material (F21) ow Dark Surface (TF12) plain in Remarks) ic.
	Sandy N Sandy C Sandy F Strippe Dark Su Dark Su dicators	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: Depth (inches):	ILRA 14	Redox Depre 9B) and wetland hydr Rock 8	ology	ıs (F8) y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat	Floodplain Soils (F19) (MLRA 149B) idic (TA6) (MLRA 144A, 145, 149B) int Material (F21) ow Dark Surface (TF12) plain in Remarks) ic.
	Sandy N Sandy G Sandy F Strippe Dark Su dicators trictive narks:	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: Depth (inches):	Etation a	Redox Depre 9 B) and wetland hydr Rock 8		ıs (F8) y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat	Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) at Material (F21) ow Dark Surface (TF12) olain in Remarks) ic.
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	Sandy N Sandy G Sandy F Strippe Dark Su <u>licators</u> trictive	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	ILRA 14	Redox Depre 9B) and wetland hydr 	<u>olog</u>	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Mesic Spo Red Parer Very Shall Other (Ex; d or problemat Yes _	Floodplain Soils (F19) (MLRA 149B) idic (TA6) (MLRA 144A, 145, 149B) int Material (F21) ow Dark Surface (TF12) plain in Remarks) ic.
	Sandy N Sandy G Sandy F Strippe Dark Su dicators trictive	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: Depth (inches):	ILRA 14	Redox Depre 9B) and wetland hydr <u>Rock</u> 8	rolog	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat Yes _	Floodplain Soils (F19) (MLRA 149B) idic (TA6) (MLRA 144A, 145, 149B) it Material (F21) ow Dark Surface (TF12) plain in Remarks) ic.
	Sandy N Sandy G Sandy F Strippe Dark Su <u>dicators</u> trictive	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	ILRA 149	Redox Depre 9B) and wetland hydr Rock 8	<u>colog</u>	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat Yes _	Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) at Material (F21) ow Dark Surface (TF12) olain in Remarks) ic.
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	Sandy N Sandy G Sandy F Strippe Dark Su <u>dicators</u> trictive	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):		Redox Depre 9B) and wetland hydr 	rolog	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat Yes	Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) at Material (F21) ow Dark Surface (TF12) olain in Remarks) ic. No
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	Sandy N Sandy G Sandy F Strippe Dark Su dicators strictive	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vegr</u> Layer (if observed): Type: Depth (inches):	ILRA 14!	Redox Depre 3B) and wetland hydr <u>Rock</u> <u>8</u>	<u>rolog</u>	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat Yes _	Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) nt Material (F21) ow Dark Surface (TF12) olain in Remarks) <u>ic.</u> No
	Sandy N Sandy G Sandy F Strippe Dark Su dicators strictive	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: 	ILRA 14	Redox Depre 9B) and wetland hydr Rock 8	<u>rolog</u>	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat Yes _	Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) nt Material (F21) ow Dark Surface (TF12) olain in Remarks) ic.
	Sandy N Sandy G Sandy G Strippe Dark Su dicators strictive	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	1LRA 14	Redox Depre 9B) and wetland hydr Rock 8	<u>rolog</u>	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat Yes	Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) nt Material (F21) ow Dark Surface (TF12) olain in Remarks) ic.
	Sandy N Sandy G Sandy F Strippe Dark Su dicators trictive	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):		Redox Depre 9B) and wetland hydr Rock 8	<u>rolog</u>	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat Yes	Floodplain Soils (F19) (MLRA 149B) rdic (TA6) (MLRA 144A, 145, 149B) rt Material (F21) ow Dark Surface (TF12) plain in Remarks) ic. No
WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: East Poir	nt	City/	County: Sharon, Sch	noharie County	,	Sampling Date	1983-May-24
Applicant/Owner: N	lextEra			State:	New York	Sampling Point:	W-MJR-23; PEM-1
Investigator(s): Matt	t Regan, Kaylee	e Townsend		Section, Town	ship, Range:		
Landform (hillslope, te	rrace, etc.):	Channel	Local r	elief (concave,	convex, none):	Concave	Slope (%): 0-1
Subregion (LRR or MLF	RA): LRR I	-		Lat: 42.79304	4 Long:	-74.570849	Datum: WGS84
Soil Map Unit Name:	NdC3: Nund	a channery silt loam,	10 to 20 percent slo	pes, eroded		NWI classifi	cation: None
Are climatic/hydrologic	c conditions or	the site typical for th	nis time of year?	Yes 🟒	_ No (If n	o, explain in Rema	arks.)
Are Vegetation,	Soil,	or Hydrology si	gnificantly disturbed	l? Are "N	lormal Circums	tances" present?	Yes 🟒 No
Are Vegetation,	Soil,	or Hydrology na	aturally problematic	? (If nee	ded, explain ar	ny answers in Rem	narks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🯒 No _
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-MJR-23
Remarks: (Explain alternative procedures	here or in a separate repoi	t)	
TRC covertype is PEM. Area is wetland, all	three wetland parameters	are present. Ditches/drain tiles observed	

HYDROLOGY

Wetland Hydrology Indicators:				
Primary Indicators (minimum of or	ne is required; check al	<u>l that apply)</u>		Secondary Indicators (minimum of two required)
 ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	Wate Aqua Marl Hydr Oxidi	r-Stained Leaves (B9) itic Fauna (B13) Deposits (B15) ogen Sulfide Odor (C1) ized Rhizospheres on Living	g Roots (C3)	 Surface Soil Cracks (B6) ✓ Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imageny (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Im Sparsely Vegetated Concave Su 	Prese Rece Thin agery (B7) Othe urface (B8)	ence of Reduced Iron (C4) nt Iron Reduction in Tilled S Muck Surface (C7) r (Explain in Remarks)	Goils (C6)	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:				
Surface Water Present?	Yes 🖌 No	Depth (inches):	1	
Water Table Present?	Yes 🟒 No	Depth (inches):	0	Wetland Hydrology Present? Yes 🟒 No
Saturation Present?	Yes 🟒 No	Depth (inches):	0	-
(includes capillary fringe)				
Describe Recorded Data (stream g	auge, monitoring well,	aerial photos, previous ins	pections), if	available:

VEGETATION -- Use scientific names of plants.

Sampling Point: W-MJR-23; PEM-1

<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)	Absolute % Cover	Dominant	Indicator	Dominance Test works	heet:		
1	% COVE	species:	Status	Are OBL FACW or FAC	·	3	(A)
1				Total Number of Domi	nant Species		
2		<u> </u>		Across All Strata:		3	(B)
۶		·		Percent of Dominant S	pecies That	100	(A/R)
т с		·		Are OBL, FACW, or FAC	:	100	(A/D)
5	· ·			 Prevalence Index work 	sheet:		
7	· ·			- <u>Total % Cover</u>	of:	Multiply	<u>By:</u>
		= Total Cov	er	OBL species	0	x 1 =	0
Sapling/Shrub Stratum (Plot size: 15 ft)		-	C1	FACW species	50	x 2 =	100
1. Cornus alba	10	Yes	FACW	FAC species	0	x 3 =	0
2. Onoclea sensibilis	0	No	FACW	- FACU species -	0	x 4 =	0
3				- UPL species -	0	x 5 =	0
4				Column Totals	50	(A)	100 (B)
۳				Prevalence Ir	ndex = B/A =	2	
5				Hydrophytic Vegetation	n Indicators:		
7				1- Rapid Test for I	Hydrophytic V	egetation/	
		= Total Cov	or	2 - Dominance Te	st is >50%		
Herb Stratum (Plot size: 5 ft)	10	- 10001 000	CI	3 - Prevalence Inc	lex is $\leq 3.0^1$		
1 Onoclea sensihilis	30	Vec	FACW	4 - Morphological	Adaptations	(Provide	supporting
2 Impatiens capensis		Ves	FACW	- data in Remarks or on	a separate sh	ieet)	
3		105	17.00	Problematic Hydr	ophytic Vege	tation ¹ (Ex	plain)
		·		 Indicators of hydric so 	il and wetlan	d hydrolog	gy must be
т				present, unless disturc	ed or problei	matic	
6				_ Definitions of vegetation	on Strata:		
7				_ Iree - woody plants 3	in. (7.6 cm) of	nore in c	nameter at
8				- Sanling/shrub - Wood	v nlants loss t	han 3 in D	BH and
0				greater than or equal t	o 3.28 ft (1 m) tall.	birana
10				- Herb - All herbaceous	(non-woodv)	plants, reg	ardless of
11				size, and woody plants	less than 3.2	8 ft tall.	,
12		. <u> </u>		Woody vines – All woo	dy vines great	ter than 3.	28 ft in
12		- Total Cov	or	height.			
Woody Vino Stratum (Plot cizo: 20 ft)	40	- 10tal COV	ei	Hydrophytic Vegetatio	n Present?	/es 🖌 N	0
1				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
2				-			
3				-			
				-			
4		= Total Cov	er	-			
	<u> </u>	-					

SOIL

Sampling Point: W-MJR-23; PEM-1

0-3 2.5Y 4/1 100 Silt Loam 3-18 2.5Y 5/1 100 Silty Clay Loam 3-18 2.5Y 5/1 100 Silt Loam 3-18 2.5Y 5/1 100 Silt Loam 3-18 2.5Y 5/1 100 Silt Loam 3-19 3-10 Silt Loam Silt Loam 3-10 3-10 Silt Loam Silt Loam 3-11 3-11 Silt Loam Silt Loam 3-11 Silt Loam Silt Loam Silt Loam 3-11 Silt Loam Silt Loam Silt Loam 3-11 Silt Loam Indicators Indicators Histos Epipedon (A2) Thin Dark Surface (S) (LRR K, LA 149B) Coast Prairie Redox (A10) (LRR K, L R)	0.3 2.5Y 4/1 100 Silt Laam 3.18 2.5Y 5/1 100 Silty Clay Loam 3.19 2.5Y 5/1 100 Silty Clay Loam 3.10 2.5Y 5/1 Silty Clay Loam Silty Clay Loam 3.11 2.5Y 5/1 Silty Clay Loam Silty Clay Loam 3.11 2.5Y 5/1 Silty Clay Loam Silty Clay Loam 3.11 2.5 Silty Clay Loam Silty Clay Loam Silty Clay Loam 3.12 2.5 Silty Clay Loam Silty Clay Loam Silty Clay Loam 41515 Cpleeton (A2) Thin Dark Surface (Si) (LRR K, L) Coast Fraire Redux (A10, LRA L49B) Coast Fraire Redux (A10, LRA L49B) 2.5 Straffed Layers (A5) Z Depleted Matrix (Si) Dark Surface (Si) (LRR K, L) Silty Clay LRA L K, L) 2.5 Silty Clay Loam Surface (Si) (LRA L K, L) Silty Clay LRA L K, L) Silty Clay LRA L K, L) Sint	inches	Color (moist)	%	Color (moist)	%	Type ¹	Loc ² Tex	ture Remarks
3 - 18 2.5Y 5/1 100	3.18 2.5Y 5/1 100	0 - 3	2.5Y 4/1	100				Silt I	oam
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils? Histosol (A1) Polyvalue Below Surface (S9) (LRR R, MLRA 1499) C com Muck (A10) (IRR K, L, MLRA 1498) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) S cr Muck (A10) (IRR K, L, R) Stratified Layers (A5) Depleted Matrix (F2) Delyvalue Below Surface (F6) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) DroManganese Masses (F12) (LRR K, L, R) Sandy Mucky Mineral (S1) Redox Depressions (F8)	ype: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils? Histosol (A1) Polyvalue Below Surface (S3) (LRR R, MLRA 1499)	3 - 18	2.5Y 5/1	100				Silty Cla	ay Loam
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. indicators: Indicators for Problematic Hydric Soils? Histic Spipedon (A2)	per C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Solls? Histic Epipedin (A2) Thin Dark Surface (S3) (LRR R, MLRA 1499)								
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils?: Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) _2 cm Muck (A10) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L)	pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils? Histic Epipedon (A2)			·					
microsoft Solution microsoft Solution microsoft Solu	pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. fitSobi Indicators: Indicators for Problematic Hydric Solis? Histos (A1) Polyvalue Below Surface (S9) (LRR R, MLRA 149B)	<u> </u>		·					
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. dric Soil Indicators: Indicators for Problematic Hydric Soils ² : Histosol (A1)	pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ⁴ Location: PL = Pore Lining, M = Matrix. dric Soil Indicators: Indicators for Problematic Hydric Soils? Histo Epipedon (A2) Thin Dark Surface (S3) (LRR R, MLRA 1498) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Strattified Layers (A5) Coepleted Matrix (F2) Strattified Layers (A5) Depleted Matrix (F2) Strattified Layers (A5) Depleted Dark Surface (F7) Thick Dark Surface (A11) Redox Depressions (F8) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Mucky (S5) Mesic Spocial C(A6) (MLRA 14498) Sandy Matrix (S6) Very Shallow Dark Surface (F7) Dark Surface (S7) (LRR K, L) Strattife Layers Stripped Matrix (S6) Wery Shallow Dark Surface (F7) Dark Surface (S5) Red Parent Material (F21) Stripped Matrix (S6) Very Shallow Dark Surface (F7) Dark Surface (S7) (LRR R, MLRA 1499) Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present. unless disturbed or problematic. strictive Layer (if observed): None Deptht (inches): </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td> ·</td> <td></td>							·	
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. dric Soil Indicators: Indicators for Problematic Hydric Soils ² : Histosol (A1)	pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Solls? Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B)								
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. dric Soil Indicators: Indicators for Problematic Hydric Soils?: Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) S cm Muck (A10) (LRR K, L, R) Stratified Layers (A5) Depleted Matrix (F3) Dotyslue Below Surface (F7) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Thin Dark Surface (S9) (LRR K, L, R)	per: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators for Problematic Hydric Soils? Indicators for Problematic Hydric Soils? Histos (A1)								
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. dric Soil Indicators: Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Dark Surface (S9) (LRR K, L) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1) Redox Depressions (F8) Tron-Manganese Masses (F12) (LRR K, L, R) Sandy Redox (S5) Nedox Depressions (F8) Nedox (T46) (MLRA 1449B) Sandy Redox (S5) Red Parent Material (F21) Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed): Type: None Hydric Soil Present? Yes No Depth (inches): Hydric Soil Present? Yes No marks:	pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators: Indicators: Histosol (A1) Polyvalue Below Surface (S9) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Black Histic (A2) Loarny Mucky Mineral (F1) (LRR K, L) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Pydrogen Sulfide (A4) Loarny Gleved Matrix (F2) Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Z Depleted Matrix (F2) Dark Surface (S7) (LRR K, L) Pelpieted Below Dark Surface (A11) Redox Dark Surface (F7) Thin Dark Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1) Redox Depressions (F8) Iron-Manganese Masses (F2) (LRR K, L 148, L 47, 145, 149) Sandy Redox (S5) Iron-Matrix (G4) Metrix (S4) Sardy Redox (S5) Red Parent Matrial (F21) Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Strictlex Layer (If Observed): Type: None Hydric Soil Present? Yes No Depth (inches): marks: Sand Second (S1) Sand Second (S1)			·					
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. dric Soil Indicators: Histosol (A1)Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histic Epipedon (A2)Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3)Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4)Loamy Gleyed Matrix (F2)Polyvalue Below Surface (S7) (LRR K, L) Startified Layers (A5)Depleted Matrix (F2)Depleted Matrix (F3)Polyvalue Below Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1)Redox Depressions (F8)Nedox (S5)Nedox (S5)Nedox (S5)Nedox (S5)Netox (S7) (LRR R, MLRA 149B)Other Matrix (S6)Ntrices of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed):NoneNoneNoneNoneNoneNo Depth (inches):NoneNoneNoneNoNoneNoNoneNoNoneNoNoNoneNoNoneNoNoneNoNoneNoNoNoNoNoneNoNoneNoNoneNoNoneNoNoneNoNoneNoneNoneNoneNoNoneNoNoNo	pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators: Indicators: Histos Oli Indicators: Indicators: Indicators: Histos Oli Indicators: Polyvalue Below Surface (S9) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Biack Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucky Pet or Peet (C3) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surface (S9) (LRR K, L) Strattled Layers (A5)			·				·	
dric Soil Indicators:	dric Soil Indicators: Indicators for Problematic Hydric Soils? Histoc G(A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	/pe: C = C	Concentration, D =	Depletio	n, RM = Reduced	Matr	ix, MS =	Masked Sand Grains. ²	_ocation: PL = Pore Lining, M = Matrix.
Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) 5 cm Mucky Peat or Peat (S3) (LRR K, L) Depleted Below Dark Surface (A12) Depleted Matrix (F3) Polyvalue Below Surface (F6) Thin Dark Surface (F7) Inon-Amaganese Masses (F12) (LRR K, L, R) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 149B) Meas: Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5)	Histos (A1) Polyvalue Below Surface (S3) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histic Epipedon (A2) Thin Dark Surface (S3) (LRR R, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Hydrogen Sulfde (A4) Loamy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Dolyvalue Below Surface (S3) (LRR K, L) Thic Dark Surface (A12) Depleted Dark Surface (F7) Thin Dark Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1) Redox Depressions (F8) Red Parent Material (F21) Sandy Redox (S5) Red X Depressions (F8) Red Parent Material (F21) Striped Matrix (S6) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): None Hydric Soil Present? Yes No Depth (inches): None Hydric Soil Present? Yes No narks:	dric Soil	Indicators:						Indicators for Problematic Hydric Soils ³ :
Histic Epipedon (A2)	Histic Epipedon (A2)	Histoso	l (A1)		Polyvalue Bel	ow S	urface (S	8) (LRR R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Black Histic (A3)	back mask (P3)	Histic Ep	Dipedon (A2)		Thin Dark Su	rtace	(S9) (LRR	R, MLRA 149B)	Coast Prairie Redox (A16) (LRR K, L, R)
Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Redox (S5) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR K, L) Stripped Matrix (S6) Dark Surface (S7) (LRR K, L) Stripped (if observed): Type: None Depth (inches): Content Content Conten	Stratified Layers (A5)		en Sulfide (A4)		Loamy Gleve	d Ma	trix (F2)	(LKK N, L)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
Depleted Below Dark Surface (A11) Redox Dark Surface (F6)	Depleted Below Dark Surface (A11) Redox Dark Surface (F5) Thin Dark Surface (S9) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 142, 145, 149 Sandy Gleyed Matrix (S6) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed): None Hydric Soil Present? Yes No Very No marks:	Stratifie	d Lavers (A5)		✓ Depleted Ma	trix (F	-3)		Dark Surface (S7) (LRR K, L)
Thick Dark Surface (A12)	Thick Dark Surface (A12)	Deplete	d Below Dark Surfa	ace (A11)	Redox Dark S	Surfac	ce (F6)		Polyvalue Below Surface (S8) (LRR K, L)
Sandy Mucky Mineral (S1)Redox Depressions (F8)Piedmont Floodplain Soils (F12) (LRR K, L, K)Piedmont Floodplain Soils (F12) (MLRA 149B)Mesic Spodic (TA6) (MLRA 144A, 145, 149B)Red Parent Material (F21)Very Shallow Dark Surface (TF12)Other (Explain in Remarks)Other (Explain in Remarks)NoneNoneHydric Soil Present? YesNomarks:	Sandy Mucky Mineral (S1)Redox Depressions (F8)Iron-Manganese Masses (F12) (LRK V, 4 Sandy Gleyed Matrix (S4)Mesic Spodic (TA6) (MLRA 144A, 145, 149 Sandy Redox (S5)Red Parent Material (F21) Stripped Matrix (S6)Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B)Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed): Type:NoneHydric Soil Present? YesNo Depth (inches):Marks:	Thick Da	ark Surface (A12)		Depleted Dar	k Sur	face (F7)		Thin Dark Surface (S9) (LRR K, L)
Sandy Gleyed Matrix (S4)	Sandy Gleyed Matrix (S4)Mesic Spodic (TA6) (MLRA 144, 145, 149 Sandy Redox (S5)Red Parent Material (F21)Nere Parent Material (F21)Nere Parent Material (F21)NoreNother (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed): Type:NoneHydric Soil Present? YesNo Depth (inches): marks:	Sandy N	lucky Mineral (S1)		Redox Depre	ssion	is (F8)		Iron-Manganese Masses (FT2) (LRR K, L, R)
Sandy Redox (S5)	Sandy Redox (S5) Red Parent Material (F21) Red Parent Material (F21) Neparent Material (F21) Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed):	_ Sandy G	Gleyed Matrix (S4)						Pleamont Floodplain Solis (F19) (MLRA 1498)
Stripped Matrix (S6)		_ Sandy R	Redox (S5)						Mesic Spould (TAO) (MERA 144A, 145, 149B) Red Parent Material (E21)
Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed): Type: Depth (inches): Mone Hydric Soil Present? Yes No marks:		_ Stripped	d Matrix (S6)						Very Shallow Dark Surface (TE12)
dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed): Type: <u>None</u> Depth (inches): marks: Yes <u>✓</u> No	idicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. istrictive Layer (if observed): 	_ Dark Su	rface (S7) (LRR R, M	ILRA 149	9B)				Other (Explain in Remarks)
strictive Layer (if observed): Type: None Depth (inches): marks:	strictive Layer (if observed): Type: <u>None</u> Depth (inches): marks: Yes <u>/ No _</u>		- 6 har selected in the state of the second	etation a	and wetland hydr	ology	/ must be	e present, unless disturb	ed or problematic.
Type: <u>None</u> Hydric Soil Present? Yes <u>/</u> No Depth (inches):	Type: <u>None</u> Hydric Soil Present? Yes _ No Depth (inches): marks:	dicators	of hydrophytic veg						
Depth (inches): marks:	Depth (inches):	dicators strictive l	of hydrophytic veg Layer (if observed):						
marks:	marks:	dicators strictive l	of hydrophytic veg L ayer (if observed): Type:		None	-		Hydric Soil Present?	Yes 🟒 No
		dicators strictive l	of hydrophytic veg L ayer (if observed): Type: Depth (inches):		None	-		Hydric Soil Present?	Yes _ 🖌 No
		dicators strictive l marks:	of hydrophytic veg Layer (if observed): Type: Depth (inches):		None	-		Hydric Soil Present?	Yes _ 🖌 No
		dicators strictive l marks:	of hydrophytic veg Layer (if observed): Type: Depth (inches):		None	-		Hydric Soil Present?	Yes No
		dicators strictive I marks:	or nyaropnytic veg Layer (if observed): Type: Depth (inches):		None			Hydric Soil Present?	Yes _ 🖌 No
		dicators strictive l marks:	or nyaropnytic veg Layer (if observed): Type: Depth (inches):		None			Hydric Soil Present?	Yes <u>/</u> No
		dicators strictive l marks:	or nyaropnytic veg Layer (if observed): Type: Depth (inches):		None			Hydric Soil Present?	Yes <u>/</u> No
		dicators strictive l marks:	or nyaropnytic veg Layer (if observed): Type: Depth (inches):		None			Hydric Soil Present?	Yes <u>/</u> No
		dicators strictive l marks:	or nyaropnytic veg Layer (if observed): Type: Depth (inches):		None			Hydric Soil Present?	Yes <u>/</u> No
		dicators strictive l marks:	or nyaropnytic veg Layer (if observed): Type: Depth (inches):		None			Hydric Soil Present?	Yes _ <u>/</u> No
		dicators strictive l marks:	or nyaropnytic veg Layer (if observed): Type: Depth (inches):		None			Hydric Soil Present?	Yes No
		dicators strictive l marks:	or nyaropnytic veg Layer (if observed): Type: Depth (inches):		None			Hydric Soil Present?	Yes No
		dicators strictive I marks:	or nyaropnytic veg Layer (if observed): Type: Depth (inches):		None			Hydric Soil Present?	Yes No
		dicators strictive l marks:	or nyaropnytic veg Layer (if observed): Type: Depth (inches):		None	<u>.</u>		Hydric Soil Present?	Yes No
		marks:	or nyaropnytic veg Layer (if observed): Type: Depth (inches):		None	-		Hydric Soil Present?	Yes No
		marks:	or nyaropnytic veg Layer (if observed): Type: Depth (inches):		None	-		Hydric Soil Present?	Yes No
		dicators strictive I marks:	or nyaropnytic veg Layer (if observed): Type: Depth (inches):		None			Hydric Soil Present?	Yes _ <u>/</u> No
		dicators strictive I marks:	or nyaropnytic veg Layer (if observed): Type: Depth (inches):		None	_		Hydric Soil Present?	Yes _ <u>/</u> No

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: East Poir	ıt	City/County:	Sharon, Schoharie	e County		Sampling Date:	2018-May-24
Applicant/Owner: N	extEra			State:	New York	Sampling Point:	W-MJR-23; UPL-1
Investigator(s): Matt	: Regan, Kayle	e Townsend	Sectio	n, Townsl	hip, Range:		
Landform (hillslope, te	rrace, etc.):	Agricultural Field	Local relief (c	oncave, c	onvex, none):	None	Slope (%): 0-1
Subregion (LRR or MLF	RA): LRR	L	Lat: 4	2.793005	Long:	-74.570726	Datum: WGS84
Soil Map Unit Name:	NdC3: Nund	a channery silt loam, 10 to 20) percent slopes, er	oded		NWI classific	ation:
Are climatic/hydrologic	conditions o	n the site typical for this time	of year?	Yes 🖌	No (If no	, explain in Rema	rks.)
Are Vegetation,	Soil,	or Hydrology significan	tly disturbed?	Are "No	ormal Circums	ances" present?	Yes 🟒 No
Are Vegetation,	Soil,	or Hydrology naturally	problematic?	(If need	led, explain an	y answers in Rem	arks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No	If yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures her	e or in a separate report)	
TRC covertype is UPL. Area is upland, not all t	hree wetland parameter	s are present.	

HYDROLOGY

Wetland Hydrology Indicators:		
Primary Indicators (minimum of one	e is required; check all that apply)	Secondary Indicators (minimum of two required)
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
 Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Images Sparsely Vegetated Concave Sur 	 Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) face (B8) 	 Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present?	Yes No Depth (inches):	
Water Table Present?	Yes No _	Wetland Hydrology Present? Yes No
Saturation Present?	Yes No Depth (inches):	
(includes capillary fringe)		
Describe Recorded Data (stream ga	uge, monitoring well, aerial photos, previous inspections), if a	ıvailable:

VEGETATION -- Use scientific names of plants.

Sampling Point: W-MJR-23; UPL-1

Tree Stratum (Plot size: 30 ft)	Absolute	Dominant	Indicator	Dominance Test works	heet:		
	% Cover	Species?	Status	Number of Dominant S	Species That	0	(Δ)
1.				Are OBL, FACW, or FAC	:		(~)
2.				Total Number of Domi	nant Species	1	(B)
3				Across All Strata:		I	(B)
				Percent of Dominant S	pecies That	0	(A/R)
				Are OBL, FACW, or FAC	:		(// D)
S				Prevalence Index work	sheet:		
0				Total % Cover	of:	<u>Multiply</u>	<u>' By:</u>
/				OBL species	0	x 1 =	0
	0	= Total Cove	r	FACW species	0	x 2 =	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	0	x 3 =	0
1				FACU species	95	x 4 =	380
2					0	× 5 -	0
3.				Column Totals	0	× J -	200 (D)
4.					95	(A)	380 (B)
5.				Prevalence li	aex = B/A =	4	
6.				Hydrophytic Vegetation	n Indicators:		
7				1- Rapid Test for I	Hydrophytic V	/egetatior	า
/		- Total Covo	<i>v</i>	2 - Dominance Te	st is > 50%		
	0	- 10tal Cove	1	3 - Prevalence Inc	lex is $\leq 3.0^1$		
Herb Stratum (Plot size: <u>5 ft</u>)	05		54.611	4 - Morphological	Adaptations	¹ (Provide	supporting
1. <u>Poa pratensis</u>	95	Yes	FACU	data in Remarks or on	a separate sh	neet)	
2				Problematic Hydr	ophytic Vege	tation ¹ (E	xplain)
3				¹ Indicators of hydric so	il and wetlan	d hydrold	ogy must be
4				present, unless disturb	ed or proble	matic	
5				Definitions of Vegetation	on Strata:		
6.				Tree – Woody plants 3	in. (7.6 cm) oi	r more in	diameter at
7.				breast height (DBH), re	gardless of h	eight.	
8.				Sapling/shrub - Wood	/ plants less t	han 3 in.	DBH and
9				greater than or equal t	o 3.28 ft (1 m) tall.	
10				Herb – All herbaceous	(non-woodv)	plants, re	gardless of
				size, and woody plants	less than 3.2	8 ft tall.	0
				Woody vines – All woo	dv vines great	ter than 3	8.28 ft in
12. <u></u>				height.	,		
	95	= lotal Cove	r		n Present?		
Woody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic vegetatic	in Fresent:	les I	NU <u>/</u>
1							
2							
3							
4.							
	0	= Total Cove	r				
		-					
Remarks: (include photo numbers here or on a sep	arate sneet.)						

SOIL

10YR 3/3 100 Silt Loam 10YR 3/4 100 Silt Loam 10YR 3/4 100 Silt Loam 10YR 3/3 100 Silt Loam 10YR 3/4	inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks
with the second seco	0 - 8	10YR 3/3	100					Silt Loam		
be: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. be: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. be: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. be: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. bittic Soil Indicators: Indicators for Problematic Hydric Soils? Histic Soil Indicators: Indicators (S9) (LRR R, MLRA 149B) Loamy Mucky Mineral (F1) (LRR K, L)					·					
weil: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils? Histic Gail Indicators: Indicators for Problematic Hydric Soils? Histic Spiledon (A2) Thin Dark Surface (S8) (LRR R, MLRA 149B) Loamy Mucky Mineral (F1) (LRR K, L) S cm Muck (A10) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F2) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A11) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Beloted Dark Surface (F7) Sandy Gleyed Matrix (S4) Red Parent Material (F12) Sandy Redox (S5) Red Parent Material (F12) Dark Surface (S7) (LRR R, MLRA 149B) Red Parent Material (F12) Matrix (S6) Red Parent Material (F12) Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) Icators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Trep. Type: Rock Hydric Soil Present? Yes					· —					
be: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils*: Histos O(A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) C cast Prairie Redox (A10) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) S cast Prairie Redox (A16) (LRR K, L, R) Stratified Layers (A5) Depleted Matrix (F2) Dark Surface (S9) (LRR K, L) Depleted Bow Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (F7) Thin Dark Surface (A12) Depleted Matrix (S1) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8)					· —					
Designed for the second sec					· —					
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Histics (A1)	Iric Soil	Indicators:		Dobavoluo Dol		urfaca (C		DA 140D)	Indicators for	Problematic Hydric Soils ³ :
Black Histic (A3)	Histic E	pipedon (A2)		Thin Dark Su	ow 5 rface	(S9) (LRR	o) (LKK K, M R. MLRA 14	-KA 1496) 9B)	2 cm Muc	k (A10) (LRR K, L, MLRA 149B)
Hydrogen Sulfide (A4)Loamy Gleyed Matrix (F2)S Int Mucky Pear of Pear (S3) (LRR K, L) Stratified Layers (A5)Depleted Matrix (F3)Dark Surface (S7) (LRR K, L) Depleted Below Dark Surface (A11) Redox Dark Surface (F6)Thin Dark Surface (S9) (LRR K, L) Thick Dark Surface (A12)Depleted Dark Surface (F7)Thin Dark Surface (S9) (LRR K, L, R) Sandy Mucky Mineral (S1)Redox Depressions (F8)Thin Dark Surface (S7) (LRR K, L, R) Sandy Gleyed Matrix (S4)Neico Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5)Red Parent Material (F21) Stripped Matrix (S6)Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B)Other (Explain in Remarks) licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed):	Black H	istic (A3)		Loamy Mucky	y Min	eral (F1)	(LRR K, L)	,	Coast Prai	Irie Redox (A16) (LRR K, L, R)
Stratified Layers (A5)	Hydrog	en Sulfide (A4)		Loamy Gleye	d Ma	trix (F2)			5 cm Muc	KY PEAL OF PEAL (55) (LKK K, L, K)
Depleted Below Dark Surface (A11) Redox Dark Surface (F6)	Stratifie	ed Layers (A5)		Depleted Mat	trix (F	-3)			Polyvalue	Below Surface (S8) (I RR K. I.)
Thick Dark Surface (A12)	Deplete	ed Below Dark Surfa	ce (A11)) Redox Dark S	urfac	ce (F6)			Thin Dark	Surface (S9) (LRR K. L)
Sandy Mucky Mineral (S1)Redox Depressions (F8) Sandy Gleyed Matrix (S4)Nesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5)Red Parent Material (F21) Stripped Matrix (S6)Nesic Spodic (TF12) Dark Surface (S7) (LRR R, MLRA 149B)Other (Explain in Remarks) licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type:Rock Depth (inches): 8 Hydric Soil Present? YesNo	Thick D	ark Surface (A12)		Depleted Dar	'k Sur	rface (F7)			Iron-Mans	anese Masses (E12) (I RR K. L. R)
Sandy Gleyed Matrix (S4)Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5)Red Parent Material (F21) Stripped Matrix (S6)Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B)Other (Explain in Remarks) Idicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type:Rock Depth (inches): 8 Hydric Soil Present? YesNo	C	4 1 441 1/041				(=0)				
Sandy RedOX (S5)	Sandy N	Mucky Mineral (S1)		Redox Depre	ssion	is (F8)			Piedmont	Floodplain Soils (F19) (MLRA 149B)
Stripped Matrix (S6)	Sandy N Sandy (Mucky Mineral (S1) Gleyed Matrix (S4)		Redox Depre	ssion	ıs (F8)			Piedmont Mesic Spo	Floodplain Soils (F19) (MLRA 149B) dic (TA6) (MLRA 144A, 145, 149B)
Dark Surface (3/) (LRK R, MLKA 1495) Other (Explain in Remarks) licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed):	Sandy N Sandy (Sandy F	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5)		Redox Depre	ssior	ıs (F8)			Piedmont Mesic Spo Red Parer	Floodplain Soils (F19) (MLRA 149B) dic (TA6) (MLRA 144A, 145, 149B) nt Material (F21)
licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type:	_ Sandy N _ Sandy (_ Sandy F _ Strippe	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6)		Redox Depre	ssior	ıs (F8)			Piedmont Mesic Spo Red Parer Very Shall	Floodplain Soils (F19) (MLRA 149B) idic (TA6) (MLRA 144A, 145, 149B) it Material (F21) ow Dark Surface (TF12)
trictive Layer (if observed): Type: Rock Depth (inches): 8 Parks:	Sandy N Sandy (Sandy F Strippe Dark Su	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M	LRA 149	Redox Depre 3B)	ssior	ıs (F8)			Piedmont Mesic Spo Red Parer Very Shall Other (Exp	Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) at Material (F21) ow Dark Surface (TF12) olain in Remarks)
Type: Rock Depth (inches): 8 Parks:	Sandy M Sandy G Sandy F Strippe Dark Su dicators	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic vego	LRA 149	Redox Depre JB) and wetland hydr	ssior ology	ıs (F8) y must be	e present, ur	less disturbe	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat	Floodplain Soils (F19) (MLRA 149B) dic (TA6) (MLRA 144A, 145, 149B) nt Material (F21) ow Dark Surface (TF12) plain in Remarks)
Depth (inches): 8 narks:	Sandy M Sandy G Sandy F Strippe Dark Su dicators strictive	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed):	LRA 149	Redox Depre 9B) and wetland hydr	ssior ology	ıs (F8) y must be	e present, ur	less disturbe	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat	Floodplain Soils (F19) (MLRA 149B) idic (TA6) (MLRA 144A, 145, 149B) int Material (F21) ow Dark Surface (TF12) olain in Remarks)
narks:	Sandy M Sandy G Sandy F Strippe Dark Su dicators	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type:	LRA 149	Redox Depre 9B) and wetland hydr Rock	ssior olog	ıs (F8) y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat	Floodplain Soils (F19) (MLRA 149B) vdic (TA6) (MLRA 144A, 145, 149B) at Material (F21) ow Dark Surface (TF12) plain in Remarks) ic.
	Sandy N Sandy C Sandy F Strippe Dark Su Dark Su dicators	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M of hydrophytic vege Layer (if observed): Type: Depth (inches):	ILRA 14	Redox Depre 9B) and wetland hydr Rock 8	ology	ıs (F8) y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat	Floodplain Soils (F19) (MLRA 149B) idic (TA6) (MLRA 144A, 145, 149B) int Material (F21) ow Dark Surface (TF12) plain in Remarks) ic.
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	Sandy N Sandy G Sandy F Strippe Dark Su licators trictive	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	ILRA 149	Redox Depre 9B) and wetland hydr Rock 8	ssior olog	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat	Floodplain Soils (F19) (MLRA 149B) odic (TA6) (MLRA 144A, 145, 149B) nt Material (F21) ow Dark Surface (TF12) olain in Remarks) ic.
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	Sandy N Sandy G Sandy F Strippe Dark Su <u>licators</u> trictive	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):	ILRA 14	Redox Depre 9B) and wetland hydr 	ssior olog	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat Yes _	Floodplain Soils (F19) (MLRA 149B) idic (TA6) (MLRA 144A, 145, 149B) int Material (F21) ow Dark Surface (TF12) plain in Remarks) ic.
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	Sandy N Sandy G Sandy F Strippe Dark Su dicators trictive	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M <u>of hydrophytic vege</u> Layer (if observed): Type: Depth (inches):		Redox Depre 9B) and wetland hydr Rock 8	<u>rolog</u>	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Mesic Spo Red Parer Very Shall Other (Exp d or problemat Yes	Floodplain Soils (F19) (MLRA 149B) rdic (TA6) (MLRA 144A, 145, 149B) rt Material (F21) ow Dark Surface (TF12) plain in Remarks) ic. No