

APPENDIX C USACE Routine Wetland Determination Forms & TRC Stream Inventory Data Forms

Project/Site: East Point	City/County: Shar	on, Schoharie		Sampling Date: 2017	7-July-10
Applicant/Owner: NextEra		State: Nev	w York Sa	mpling Point: W-AJF	-01; PSS-1
Investigator(s): Anthony Froon	ijian, AJW, KAT	Section, Township,	, Range:		
Landform (hillslope, terrace, etc.)	: Terrace	Local relief (concave, conv	/ex, none):C	oncave	Slope (%): 0-1
Subregion (LRR or MLRA): L	RR L	Lat: 42.773101	Long: -7	74.543695	Datum: WGS84
Soil Map Unit Name: Nunda ch	hannery silt loam, 3 to 10 percent slop	es (NdB)		NWI classification	:
Are climatic/hydrologic condition	is on the site typical for this time of ye	ar? Yes <u></u> ✓ No	(If no, e	explain in Remarks.)	
Are Vegetation, Soil,	or Hydrology significantly dis			•	′es No
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed,	explain any a	answers in Remarks.)	
SUMMARY OF FINDINGS – A	Attach site map showing samplir	ng point locations, trai	nsects, imp	ortant features, e	tc.
Hydrophytic Vegetation Present	? Yes No				
Hydric Soil Present?	Yes No	Is the Sampled Area withi	in a Wetland?	Yes	✓_ No
		i ·			
Wetland Hydrology Present?	Yes No	If yes, optional Wetland S	oite iD.	W-AJ	F-U1
Remarks: (Explain alternative pro	ocedures here or in a separate report				
TRC covertype is PSS.					
HYDROLOGY					
Walland Hadrala en la disakana					
Wetland Hydrology Indicators:			Casandanil	- di t (i - i	-£ 4
•	one is required; check all that apply)		-	ndicators (minimum (or two requirea)
Surface Water (A1)	Water-Stained Lea			Soil Cracks (B6) Patterns (B10)	
✓ High Water Table (A2)	Aquatic Fauna (B1		_	m Lines (B16)	
✓ Saturation (A3)	Marl Deposits (B1: Hydrogen Sulfide			son Water Table (C2)	
Water Marks (B1) Sediment Deposits (B2)	, ,	neres on Living Roots (C3)		Burrows (C8)	
sediment beposits (b2)	Oxidized Nilizospi	icres on Living Roots (es)	-	on Visible on Aerial Im	nagery (C9)
Drift Deposits (B3)	Presence of Reduc	ced Iron (C4)	Stunted o	or Stressed Plants (D	1)
Algal Mat or Crust (B4)	Recent Iron Reduc	tion in Tilled Soils (C6)	Geomorp	phic Position (D2)	
Iron Deposits (B5)	Thin Muck Surface	e (C7)	Shallow A	Aquitard (D3)	
Inundation Visible on Aerial I		Remarks)	Microtop	oographic Relief (D4)	
Sparsely Vegetated Concave	Surface (B8)		✓ FAC-Neut	tral Test (D5)	
Field Observations:					
Surface Water Present?	Yes No Depth	(inches):	_		
Water Table Present?	Yes No Depth	(inches): 3	Wetland Hyd	drology Present?	Yes No
Saturation Present?	Yes No Depth	(inches): 0			
(includes capillary fringe)			-		
	n gauge, monitoring well, aerial photos	s, previous inspections), if	available:		•
	. 88-,	, p			
Remarks:					
Remarks.					

	Absolute	Dominant	Indicator	Dominance Test worksheet:		
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)		Species?	Status	Number of Dominant Species Tha	t	
1.	70 0010.	- оросион		Are OBL, FACW, or FAC:	2	(A)
-				Total Number of Dominant Specie	ς	
2.				Across All Strata:	3	(B)
3				Percent of Dominant Species That		
4				Are OBL, FACW, or FAC:	66.7	(A/B)
5.				Prevalence Index worksheet:	_	
6				Total % Cover of:	Multiply	Bv:
7				OBL species 0	x 1 =	0
	0	= Total Cove	er	FACW species 65	_ x2=	130
Sapling/Shrub Stratum (Plot size:15 ft)		_		· -		
1. Cornus amomum	20	Yes	FACW		_ x3= _	0
2. Hamamelis virginiana	10	Yes	FACU	FACU species 10	_ x 4 = _	40
3. Ribes americanum		No	FACW	UPL species 0	_ x 5 = _	0
4.				Column Totals 75	(A)	170 (B)
5.				Prevalence Index = B/A	<u>2.3</u>	
6.				Hydrophytic Vegetation Indicators	:	
-				1- Rapid Test for Hydrophytic	Vegetation	
7				2 - Dominance Test is >50%		
	35	_= Total Cove	er	3 - Prevalence Index is ≤ 3.0		
Herb Stratum (Plot size:5 ft)				4 - Morphological Adaptation	s¹ (Provide	supporting
1. <i>Onoclea sensibilis</i>	40	Yes	FACW	data in Remarks or on a separate		•
2				Problematic Hydrophytic Ve	getation¹ (Ex	plain)
3				Indicators of hydric soil and wetla	nd hydrolog	gy must be
4				present, unless disturbed or prob	ematic	
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		
8.				Sapling/shrub – Woody plants less	than 3 in. D	DBH and
9.				greater than or equal to 3.28 ft (1	m) tall.	
10.				Herb – All herbaceous (non-wood	/) 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
	40	= Total Cove	or	height.		
Woody Vine Stratum (Plot size:30 ft)		_ Total Cove	-1	Hydrophytic Vegetation Present?	Yes _ ✓_ N	lo
· — —						
1.						
2.				-		
3						
4						
	0	_= Total Cove	er			
Remarks: (Include photo numbers here or on a separ	ate sheet.)			_		
	-					

0-8	(incha=)	Matrix		Redox						
Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. Type: Nasked Sand Grains. Type:		Color (moist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	Loc ²			Remarks
Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L,		-			-					
Hydric 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) Doubleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Gleyed Matrix (S4) Redox (S5) Stripped Matrix (S6) Red Parent Material (F21) Dark Surface (S7) (LRR K, L) Find Dark Surface (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if observed): Type: None Hydric Soil Present? Yes No Deptember 1. Soil Present? None Depth (inches):	8 - 18	N 5/	85	5YR 6/8	15	C	M	Cla	ay	
Indicators for Problematic Hydric Soils*: Histosol (A1)					. —					
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Hydric 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) Stratified Layers (A5) Depleted Matrix (F2) Depleted Below Dark Surface (A11) Sandy Mucky Mineral (S1) Polyvalue Below Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Redox (S5) Stripped Matrix (S4) Stripped Matrix (S6) Dark Surface (S7) (LRR K, L) Piedmont Floodplain Soils (F19) (MLRA 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR K, L) Find Dark Surface (S9) (LRR K, L) Find Dark			_							
Hydric 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) Stratified Layers (A5) Depleted Matrix (F2) Depleted Below Dark Surface (A11) Sandy Mucky Mineral (S1) Polyvalue Below Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Redox (S5) Stripped Matrix (S4) Stripped Matrix (S6) Dark Surface (S7) (LRR K, L) Piedmont Floodplain Soils (F19) (MLRA 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR K, L) Find Dark Surface (S9) (LRR K, L) Find Dark					. —					
Indicators for Problematic Hydric Soils*: Histosol (A1)										
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Indicators for Problematic Hydric Soils*: Histosol (A1)										
Indicators for Problematic Hydric Soils*: Histosol (A1)			- —							
lydric Soil Indicators: Histosol (A1)		oncentration D =	 Denleti	ion RM = Reduce	d Mat	rix MS =	Masked Sa	nd Grains 21	ocation: PL = Pore I	ining 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) — Dark Surface (S7) (LRR K, L) — Dark Surface (S7) (LRR K, L) — Dark Surface (S7) (LRR K, L) — Polyvalue Below Surface (S8) (LRR K, L) — Polyvalue Below Surface (S8) (LRR K, L) — Polyvalue Below Surface (S8) (LRR K, L) — Thin Dark Surface (S9) (LRR K, L) — Thin Dark Surface (S9) (LRR K, L) — Polyvalue Below Surface (S9) (LRR K, L) — Polyvalue	•		Pepiet	ion, Rivi - Reduce	a ivial	11/1/11/2 -	musicu sa	ia Grains, -Li		
Histic Epipedon (A2)	•			Polyvalue Be	elow ^c	urface (S	8) (LRR R. N	(LRA 149B)		•
Black Histic (A3)										
		•								
Stratified Layers (A5)/ Depleted Matrix (F3) Polyvalue Below Surface (S8) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L)	, .								-	
Thick Dark Surface (A12) Depleted Dark Surface (F7) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) lndicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if observed): Type: None Hydric Soil Present? Yes No Piedmont Floodplain Soils (F19) (LRR K, L, R) Indinance (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B) Piedmont Floodplain Soils (F1				·						
			ace (A1	· 					Thin Dark Sur	face (S9) (LRR K, L)
Sandy Gleyed Matrix (S4) Mesic Spodic (TA6) (MLRA 149B) Sandy Redox (S5) Red Parent Material (F21) Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) Indicators 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):				•)		Iron-Mangane	ese Masses (F12) (LRR K, L, R)
Sandy Redox (S5) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) Other (Explain in Remarks) Restrictive Layer (if observed): Type: None Hydric Soil Present? Yes No Depth (inches): Other (IA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)		•		Redox Depi	622101	15 (FO)			Piedmont Flo	odplain Soils (F19) (MLRA 149B)
Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)	-	•								
Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if observed): Type: None Hydric Soil Present? Yes No	-									
Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if observed): Type: None Depth (inches): Hydric Soil Present? Yes No			II RA 14	49B)					-	
Restrictive Layer (if observed): Type: Depth (inches): Type: None Hydric Soil Present? Yes/_ No				.52,					Other (Explain	n in Remarks)
Type: None Hydric Soil Present? Yes _✓ No Depth (inches):				and wetland hyd	Irolog	y must be	e present, ι	nless disturbe	d or problematic.	
Depth (inches):		=								
				None	-		Hydric So	l Present?	Y	es No
Remarks:		Depth (inches):								
	Remarks:									

Project/Site: East Point	City/County: Shar	on, Schoharie	Sampling	g Date: 2017-July-10
Applicant/Owner: NextEra		State: New	York Sampling F	Point: W-AJF-01; UPL-1
Investigator(s): Anthony Froonji	an, AJW	Section, Township,	Range:	
Landform (hillslope, terrace, etc.):	Toe	Local relief (concave, conv	ex, none): Convex	Slope (%): 35-40
Subregion (LRR or MLRA): LR	R L	Lat: 42.772991	Long: -74.54369	5 Datum: WGS84
Soil Map Unit Name: Nunda cha	annery silt loam, 3 to 10 percent slop	es (NdB)	NWI o	classification:
Are climatic/hydrologic conditions	on the site typical for this time of year	ar? Yes 🟒 No	(If no, explain in	ı Remarks.)
Are Vegetation, Soil,	or Hydrology significantly dis		al Circumstances" pre	
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed,	explain any answers i	in Remarks.)
SUMMARY OF FINDINGS – At	tach site map showing samplir	ng point locations, trar	isects, important f	features, etc.
Hydrophytic Vegetation Present?	Yes No _ _ ∕_			
Hydric Soil Present?	Yes No _ _/ _	Is the Sampled Area withi	n a Wetland?	Yes No/_
Wetland Hydrology Present?	Yes No _ _ _	If yes, optional Wetland Si		
	 		te ib.	
Remarks: (Explain alternative prod	cedures here or in a separate report)			
TRC covertype is UPL.				
TRC covertype is OFL.				
HYDROLOGY				
Wetland Hydrology Indicators:				
Primary Indicators (minimum of o	one is required; check all that apply)		Secondary Indicators	s (minimum of two required)
Surface Water (A1)	Water-Stained Lea	ves (B9)	Surface Soil Crack	ks (B6)
High Water Table (A2)	Aquatic Fauna (B1		Drainage Pattern	s (B10)
Saturation (A3)	Marl Deposits (B1	5)	Moss Trim Lines (
Water Marks (B1)	Hydrogen Sulfide		Dry-Season Wate	
Sediment Deposits (B2)	Oxidized Rhizosph	eres on Living Roots (C3)	Crayfish Burrows	
Duift Danasita (B2)	Duagan as of Dadiu			e on Aerial Imagery (C9)
Drift Deposits (B3) Algal Mat or Crust (B4)	Presence of Reduc	tion in Tilled Soils (C6)	Stunted or Stress Geomorphic Posi	
Iron Deposits (B5)	Thin Muck Surface		Shallow Aquitard	
Inundation Visible on Aerial Im			Microtopographic	
Sparsely Vegetated Concave S		,	FAC-Neutral Test	
Field Observations:				
Surface Water Present?	Yes No Depth (inches):		
Water Table Present?	Yes No Depth (inches):	Wetland Hydrology F	Present? Yes No
Saturation Present?		inches):		
	163 140 _ Depti (·	
(includes capillary fringe)			l 	
Describe Recorded Data (stream)	gauge, monitoring well, aerial photos	s, previous inspections), ii a	ivaliable:	
Barra and an				
Remarks:				

	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That	0	(A)
40	Yes	FACU	Are OBL, FACW, or FAC:		(A)
15	Yes	FACU	' '	3	(B)
10	No	FACU			
10	No	FACU		0	(A/B)
5	No	FACU			
				N de elation le c	D
					-
80	= Total Cov	er		-	0
	_				0
5	Yes	FACU	·		0
			· -	-	352
			· -	-	0
				-	352 (B)
			Prevalence Index = B/A =	4	
			Hydrophytic Vegetation Indicators:		
			1- Rapid Test for Hydrophytic	Vegetation	Ì
	- Total Cov	or	2 - Dominance Test is > 50%		
	_ 10tal COV	eı	3 - Prevalence Index is $\leq 3.0^{1}$		
2	No	FACIL	4 - Morphological Adaptation:	s¹ (Provide	supporting
	INU	FACU	data in Remarks or on a separate s	heet)	
			Problematic Hydrophytic Veg	etation¹ (E)	(plain)
			=	-	gy must be
- ——			<u>-</u>	ematic	
			_		
					diameter a
- ——			=' 		
			- · · · · · · · · · · · · · · · · · ·		DBH and
			. -		
			_		gardless of
					20 ft :
			-	ater than 3	.28 π in
3	= Total Cov	er			
			Hydrophytic Vegetation Present?	Yes N	√_ ol
			•		
	40 15 10 10 5 80 5	15	40 Yes	40 Yes FACU 15 Yes FACU 10 No FACU 10 No FACU 10 No FACU 5 No FACU 5 No FACU 80 = Total Cover 5 Yes FACU 10 Sepecies OFACW	40 Yes FACU 15 Yes FACU 10 No FACU 10 No FACU 10 No FACU 5 No FACU 5 No FACU 80 = Total Cover Total Number of Dominant Species That Are OBL, FACW, or FAC: Total % Cover of: Multiply OBL species 0 x 1 = FACW species 0 x 2 = FACW species 0 x 3 = FACU Species 0 x 3 = FACW species 0 x 5 = Column Totals 88 (A) Prevalence Index = B/A = 4 Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is > 50% 3 - Prevalence Index is ≤ 3.0¹ 4 - Morphological Adaptations¹ (Provide data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (E) 1 - Problematic Hydrophytic Vegetation¹ (E) 1 - Problematic Hydrophytic Vegetation¹ (E) 1 - Problematic Hydrophytic Vegetation¹ (E) 1 - Problematic Hydrophytic Vegetation¹ (E) 1 - Problematic Hydrophytic Vegetation¹ (E) 1 - Problematic Hydrophytic Vegetation¹ (E) 1 - Problematic Hydrophytic Vegetation¹ (E) 1 - Problematic Hydrophytic Vegetation¹ (E) 1 - Problematic Hydrophytic Vegetation¹ (E) 1 - Problematic Hydrophytic Vegetation¹ (E) 1 - Problematic Hydrophytic Vegetation¹ (E) 1 - Problematic Hydrophytic Vegetation¹ (E) 1 - Problematic Hydrophytic Vegetation¹ (E) 1 - Problematic Hydrophytic Vegetation Strata: 2 - Dominance Test is > 50% 2 - Dominance Test is > 50% 3 - Prevalence Index = B/A = 4

	•	to the de	•			indicato	or confirm the al	osence of indicators.)
Depth	Matrix	04	Redox			1002	Tov	tura	Domarka
(inches)	Color (moist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	Loc ²		ture	Remarks
0-3	10YR 3/3	100		- —			-	Loam	
3 - 9	10YR 4/4	100						Loam	
9 - 18	10YR 6/4	100					Fine Sar	ndy Loam	
	-			- —			•		
				- —					
				. 					
	Concentration, D =	Debletio	n, KIVI = Keduced	wat	rıx, MS =	ıvıasked	Sang Grains. ² Lo	ocation: PL = Pore Li	
Hydric Soil			Doharetre Del	ر ا	urfa 'C	:0) (I DD	D MI DA 440D)		lematic Hydric Soils³:
Histoso	l (A1) pipedon (A2)		Polyvalue Bel Thin Dark Su				R, MLRA 149B) a 149R)		O) (LRR K, L, MLRA 149B)
	istic (A3)		Loamy Muck						edox (A16) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gleye			(=	-,	-	at or Peat (S3) (LRR K, L, R)
_	ed Layers (A5)		Depleted Ma					Dark Surface (S	v Surface (S8) (LRR K, L)
Deplete	ed Below Dark Surf	ace (A11)	Redox Dark S	urfa	ce (F6)			Thin Dark Surfa	
	ark Surface (A12)		Depleted Dar)			se Masses (F12) (LRR K, L, R)
	Mucky Mineral (S1)		Redox Depre	ssior	ns (F8)				dplain Soils (F19) (MLRA 149B)
-	Gleyed Matrix (S4)								7A6) (MLRA 144A, 145, 149B)
-	Redox (S5)							Red Parent Mar	
	d Matrix (S6)							Very Shallow D	
Dark Su	ırface (S7) (LRR R, N	/ILRA 149	9B)					Other (Explain	in Remarks)
3Indicators	of hydrophytic veg	etation a	and wetland hydr	olog	y must b	e preser	it, unless disturbe	d or problematic.	
Restrictive	Layer (if observed)	:							
	Type:		None	_		Hydric	Soil Present?		Yes No⁄_
	Depth (inches):								
Remarks:									
1									
1									
İ									
İ									

Project/Site: East Point	City/County: Shar	ron, Schoharie County	Sampling Date:	2017-July-11
Applicant/Owner: NextEra		State: New	York Sampling Point: \	W-AJF-02; PFO-1
Investigator(s): Anthony Froonji	ian, AJW	Section, Township, I	Range:	
Landform (hillslope, terrace, etc.):	Terrace	Local relief (concave, conve	ex, none): Concave	Slope (%): 2-5
Subregion (LRR or MLRA): LR	RR L	Lat: 42.7752479	Long: -74.5590085	Datum: WGS84
Soil Map Unit Name: Mohawk a	and Lima soils, 2 to 10 percent slopes	s (MIB)	NWI classific	cation:
Are climatic/hydrologic conditions	s on the site typical for this time of ye		(If no, explain in Rema	rks.)
Are Vegetation, Soil,	or Hydrology significantly dis		al Circumstances" present?	Yes No
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed, e	explain any answers in Rem	arks.)
SUMMARY OF FINDINGS – At	ttach site map showing sampli	ng point locations, tran	sects, important featur	es, etc.
Hydrophytic Vegetation Present?	Yes _ ✓ _ No			
Hydric Soil Present?	Yes ✓ _ No	Is the Sampled Area withir	າ a Wetland?	Yes No
	Yes No	If yes, optional Wetland Sit		W-A JF-02
Wetland Hydrology Present?			.e iD.	
Remarks: (Explain alternative pro	cedures here or in a separate report)		
TRC covertype is PFO.				
HYDROLOGY				
Wetland Hydrology Indicators:				
Primary Indicators (minimum of o	one is required; check all that apply)		Secondary Indicators (minin	num of two required)
Surface Water (A1)	Water-Stained Lea		Surface Soil Cracks (B6)	
✓ High Water Table (A2)	⁄ Aquatic Fauna (B1		✓ Drainage Patterns (B10)	
✓ Saturation (A3)	Marl Deposits (B1		 Moss Trim Lines (B16) Dry-Season Water Table	(C2)
Water Marks (B1)	Hydrogen Sulfide		Crayfish Burrows (C8)	(C2)
Sediment Deposits (B2)	Oxidized Knizospr	neres on Living Roots (C3)	Saturation Visible on Ae	rial Imagery (C9)
Drift Deposits (B3)	Presence of Redu	ced Iron (C4)	Stunted or Stressed Plar	
Algal Mat or Crust (B4)			✓ Geomorphic Position (D	` '
Iron Deposits (B5)	Thin Muck Surface		Shallow Aquitard (D3)	_,
Inundation Visible on Aerial In			Microtopographic Relief	(D4)
Sparsely Vegetated Concave S	Surface (B8)		✓ FAC-Neutral Test (D5)	
Field Observations:				_
Surface Water Present?	Yes No <u>_</u> Depth	(inches):		
Water Table Present?	Yes No Depth	(inches): 4	 Wetland Hydrology Present	? Yes No
Saturation Present?		(inches): 0	, 3,	
(includes capillary fringe)	.е.			
	gauge, monitoring well, aerial photo	s provious inspections) if a	vailable:	
Describe Recorded Data (stream	gauge, monitoring well, aeriai prioto:	s, previous irispections), ir a	valiable.	
Remarks:				

	Dominant Species?	Indicator Status	Dominance Test works Number of Dominant S	Species That	3	(A)
30	Yes	FACU				
			Across All Strata:	nant Species	5	(B)
					60	(A/B)
			Prevalence Index work	sheet:		
			Total % Cover	of:	Multiply E	<u>Ву:</u>
	Tatal Car		- OBL species	45	x 1 =	45
30	_= 10tal Cov	er	FACW species	35	x 2 =	70
45	V	FACU	FAC species	0	x 3 =	0
			- FACU species	55	x 4 =	220
5	Yes	FACW	UPL species	0	x 5 =	0
			Column Totals	135	(A)	335 (B)
			Prevalence Ir	ndex = B/A =	2.5	
			-			
			' ' '		/egetation	
			•		egetation	
20	= Total Cov	er				
					l (Provida s	unnorting
45	Yes	OBL				supporting
30	Yes	FACW				olain)
10	No	FACU	-		-	
			-		-	y masc be
					Tiddic	
			_		r mara in d	liameter a
						nameter a
			-			PU and
						оп ани
			. *			ardless of
						ai uless oi
						28 ft in
			-	ay viries great	ter triair 5.2	2011111
85	= Total Cov	er				
			Hydrophytic Vegetatio	n Present?	res N	0
			_			
			-			
	30 30 15 5 20 45 30 10	30 Yes 30 = Total Cov 15 Yes 5 Yes 20 = Total Cov 45 Yes 10 No	30 Yes FACU 30 = Total Cover 15 Yes FACU 5 Yes FACW 20 = Total Cover 45 Yes OBL 30 Yes FACW 10 No FACU	30 Yes FACU Total Number of Dominant S Are OBL, FACW, or FAC Total Number of Dominant S Are OBL, FACW, or FAC Percent of Dominant S Are OBL, FACW, or FAC Prevalence Index work Total % Cover OBL species FACW species FACU species FACU species UPL species Column Totals Prevalence In Hydrophytic Vegetation 1 - Rapid Test for I 20 = Total Cover 45 Yes OBL 30 Yes FACW 10 No FACU 10 No FACU 11 Indicators of hydric so present, unless disturb Definitions of Vegetatic Tree – Woody plants 3 breast height (DBH), re Sapling/shrub – Woody greater than or equal therb – All herbaceous size, and woody plants Woody vines – All woodheight.	Are OBL, FACW, or FAC: Total Number of Dominant Species Across All Strata: Percent of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Total % Cover of: OBL species 45 FACW species 35 FAC species 0 FACU species 55 UPL species 0 Column Totals 135 Prevalence Index = B/A = Hydrophytic Vegetation Indicators: 1- Rapid Test for Hydrophytic V 2- Dominance Test is >50% 1- Rapid Test for Hydrophytic V 2- Dominance Test is >50% 1- A Morphological Adaptations: data in Remarks or on a separate sh Problematic Hydrophytic Vege 1ndicators of hydric soil and wetlan present, unless disturbed or problem Definitions of Vegetation Strata: Tree - Woody plants 3 in. (7.6 cm) on breast height (DBH), regardless of h Sapling/shrub - Woody plants less t greater than or equal to 3.28 ft (1 m Herb - All herbaceous (non-woody) size, and woody vines great height.	Are OBL, FACW, or FAC: Total Number of Dominant Species Across All Strata: Percent of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Total % Cover of: Multiply II OBL species 45 x 1 = FACW species 35 x 2 = FACW species 0 x 3 = FACW species 0 x 3 = FACW species 0 x 5 = Column Totals 135 (A) Prevalence Index = B/A = 2.5 Hydrophytic Vegetation Indicators: 1- Rapid Test for Hydrophytic Vegetation 20 = Total Cover 45 Yes OBL 30 Yes FACW 10 No FACU 10 No FACU 11 Repid Test for Hydrophytic Vegetation 4- Morphological Adaptations¹ (Provide state in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Expressed) 4- Morphological Adaptations¹ (Provide state in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Expressed) Tree - Woody plants 3 in. (7.6 cm) or more in dispressent, unless disturbed or problematic Definitions of Vegetation Strata: Tree - Woody plants 1 in. (7.6 cm) or more in dispress theight (DBH), regardless of height. Sapling/shrub - Woody plants less than 3 in. Dispresser in the problematic size, and woody vines greater than 3 Herb - All herbaceous (non-woody) plants, register, and woody vines greater than 3 Height

	cription: (Describe	to the d	•			indicator	r or confirm the a	bsence of indicato	ors.)
Depth _	Matrix		Redox						
(inches)	Color (moist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	Loc ²	Text		Remarks
0 - 12	10YR 4/1	95	7.5YR 5/6	5	C	M	Silty Cla	ıy Loam	
						· <u></u>		_	
		_		_				_	
							-		
									-
		- —		- —					
1Type: C = C	oncontration D =	 Doploti	on DM - Poduco	4 Mat	riv MC -	Macked	Sand Grains 21	ocation: DL = Doro	Lining M - Matrix
		pehieri	on, Kivi – Reduced	ı ıvıdl	1 1A, IVIS =	iviasked	Janu Granis. *L		e Lining, M = Matrix.
Hydric Soil			Dehamber	Jan S	`rf '	· 0\ / PP '	D MI DA 4.400		roblematic Hydric Soils³:
Histosol	(A1) pipedon (A2)		Polyvalue Be						A10) (LRR K, L, MLRA 149B)
Black Hi			Loamy Muck						e Redox (A16) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gleye			(LIXIX IX, I	-/		Peat or Peat (S3) (LRR K, L, R)
-	d Layers (A5)		Depleted Ma					Dark Surface	
	d Below Dark Surfa	ace (A11							elow Surface (S8) (LRR K, L)
	ark Surface (A12)	`	Depleted Da)			urface (S9) (LRR K, L)
Sandy M	lucky Mineral (S1)		Redox Depre	ession	ns (F8)				nese Masses (F12) (LRR K, L, R)
Sandy G	ileyed Matrix (S4)								oodplain Soils (F19) (MLRA 149B)
	edox (S5)								c (TA6) (MLRA 144A, 145, 149B)
_	Matrix (S6)							Red Parent I	
	rface (S7) (LRR R, M	ILRA 14	9B)						v Dark Surface (TF12)
								Other (Expla	
	of hydrophytic veg		and wetland hyd	rolog	y must b	e presen	t, unless disturbe	ed or problematic.	
Restrictive I	ayer (if observed):								
	Туре:		Rock	_		Hydric	Soil Present?		Yes No
	Depth (inches):		12						
Remarks:									
İ									
Ì									
Ì									

Vegetation Photos



Soil Photos





Photo of Sample Plot



Project/Site: East Point		City/County: Shar	ron, Schoharie County	Samp	oling Date: 2017	-July-11
Applicant/Owner: NextEra			State: Nev	v York Sampli	ng Point: W-AJF-	02; UPL-1
Investigator(s): Anthony Froon	jian, AJW		Section, Township,	Range:		
Landform (hillslope, terrace, etc.)	: Toe		Local relief (concave, conv	ex, none): Conca	ve	Slope (%): 45-50
Subregion (LRR or MLRA):	RR L		Lat: 42.7753063	Long: -74.55	<u>90101</u> Γ	Datum: WGS84
Soil Map Unit Name: Mohawk	and Lima soils, 2 to	o 10 percent slopes	s (MIB)	N	WI classification:	
Are climatic/hydrologic condition		-		(If no, explai	n in Remarks.)	
Are Vegetation, Soil,		significantly dis		al Circumstances"	present? Ye	es 🟒 No
Are Vegetation, Soil,	or Hydrology _	naturally probl	ematic? (If needed,	explain any answ	ers in Remarks.)	
SUMMARY OF FINDINGS – A	sttach site man	showing sampli	ng point locations, tran	nsects. importa	nt features, et	·c.
Hydrophytic Vegetation Present	•	No⁄_				
Hydric Soil Present?	Yes	No _ _ _	Is the Sampled Area withi	n a Wetland?	Yes_	No
Wetland Hydrology Present?		No _ _ _	If yes, optional Wetland Si		_	<u> </u>
Remarks: (Explain alternative pro				ite ib.		
TRC covertype is UPL.						
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of	one is required: ch	neck all that apply)		Secondary Indica	tors (minimum o	of two required)
	one is required, en		nvoc (BO)	Surface Soil C		revo required/
Surface Water (A1) High Water Table (A2)		_ Water-Stained Lea _ Aquatic Fauna (B1		Drainage Patt		
Saturation (A3)		_ Marl Deposits (B1		Moss Trim Lin	ies (B16)	
Water Marks (B1)		_ Hydrogen Sulfide		Dry-Season W	/ater Table (C2)	
Sediment Deposits (B2)	_	_ Oxidized Rhizosph	neres on Living Roots (C3)	Crayfish Burr		
					sible on Aerial Im	
Drift Deposits (B3)	_	_ Presence of Redu		Stunted or Sti)
Algal Mat or Crust (B4) Iron Deposits (B5)		_ Recent Iron Reduc _ Thin Muck Surface	ction in Tilled Soils (C6)	Geomorphic I Shallow Aquit		
Inundation Visible on Aerial I		_ Other (Explain in F			phic Relief (D4)	
Sparsely Vegetated Concave		_ Other (Explain III)	terriario	FAC-Neutral T		
Field Observations:						
Surface Water Present?	Yes No	✓ Depth	(inches):			
Water Table Present?	Yes No _	✓ Depth	(inches):	- Wetland Hydrolo	gy Present?	Yes No ∠
Saturation Present?	Yes No _		(inches):	-		
(includes capillary fringe)	163 140 _	у Берин		-		
	gauga manitarin	a wall parial photos	nravious inspections) if			
Describe Recorded Data (stream	gauge, monitoring	g weii, aeriai pnoto:	s, previous inspections), if a	avaliable:		
Remarks:						

Tree Stratum (Plot size: <u>30 ft</u>)		Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That	1	(A)
. Fagus grandifolia	80	Yes	FACU	Are OBL, FACW, or FAC:		(A)
. Acer saccharum	10	No	FACU	Total Number of Dominant Species Across All Strata:	7	(B)
·				Percent of Dominant Species That Are OBL, FACW, or FAC:	14.3	(A/B)
i				Prevalence Index worksheet:	-	
				Total % Cover of:	Multiply B	sv:
				OBL species 0	x 1 =	0
	90	= Total Cov	er	FACW species 0	x 2 =	0
apling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species 5	x 3 =	15
. Fagus grandifolia	25	Yes	FACU	FACU species 152	x 4 =	608
. Rubus allegheniensis	15	Yes	FACU	UPL species 0	x 5 =	0
. Fraxinus americana	5	No	FACU	Column Totals 157		623 (B)
. Acer saccharum	2	No	FACU		(A)	023 (B)
				Prevalence Index = B/A =	4	
				Hydrophytic Vegetation Indicators:		
				1- Rapid Test for Hydrophytic	Vegetation	
	47	= Total Cov	er	2 - Dominance Test is > 50%		
lerb Stratum (Plot size: 5 ft)	47	_ 10tal COV	CI	3 - Prevalence Index is $\leq 3.0^{1}$		
. Polystichum acrostichoides	5	Voc	FACIL	4 - Morphological Adaptations	s¹ (Provide s	upporting
		Yes	FACU	data in Remarks or on a separate s	heet)	
. Dryopteris intermedia		Yes	FAC	Problematic Hydrophytic Veg	etation¹ (Exp	olain)
. Prunus virginiana	5	Yes	FACU	Indicators of hydric soil and wetlan	nd hydrolog	y must be
. Dryopteris marginalis	5	Yes	FACU	present, unless disturbed or proble	ematic	
j				Definitions of Vegetation Strata:		
5.				Tree – Woody plants 3 in. (7.6 cm) o	r more in di	iameter a
				breast height (DBH), regardless of I	neight.	
3.				Sapling/shrub – Woody plants less	than 3 in. DI	BH and
).				greater than or equal to 3.28 ft (1 r	n) tall.	
0				Herb – All herbaceous (non-woody	plants, rega	ardless of
				size, and woody plants less than 3.	28 ft tall.	
2				Woody vines – All woody vines grea	ter than 3.2	28 ft in
۷		= Total Cov		height.		
W 1.75 5: (Pl . :	20	_ 10tal COV	er	Hydrophytic Vegetation Present?	Yes No	/
Noody Vine Stratum (Plot size: 30 ft)				yarapiiyaa ragatataii rasaita		
•						
<u> </u>						
3						
ł						
	0	= Total Cov	er			

Profile Des Depth	cription: (Describe Matrix	to the d	-	locum x Feat		ndicato	or confirm the al	bsence of indicators.)	
(inches)	Color (moist)	%	Color (moist)	% %	Type ¹	Loc²		Texture	Remarks
0 - 6	10YR 3/3	100		- —	5		-	Silt Loam	
6 - 15	10YR 5/4	100					-	Silt Loam	·
15 - 18	2.5Y 5/3	85	7.5YR 6/6	15				Silty Clay Loam	-
			•					, ,	· -
-									
							,		
							-		·
	_								. <u></u>
	Concentration, D =	Depletion	on, RM = Reduced	d Matr	ix, MS =	Masked	Sand Grains. ² Lo	ocation: PL = Pore Lining,	•
Hydric Soil								Indicators for Problem	atic Hydric Soils³:
Histoso							R, MLRA 149B)	2 cm Muck (A10) (L	
	pipedon (A2) istic (A3)		Thin Dark Su Loamy Muck					Coast Prairie Redox	
	en Sulfide (A4)		Loamy Gleye	-		(LINNIN, I	-)	5 cm Mucky Peat of	
	ed Layers (A5)		Depleted Ma					Dark Surface (S7) (L	
Deplete	ed Below Dark Surf	face (A11	l) Redox Dark	Surfac	e (F6)			Polyvalue Below Su Thin Dark Surface (
	ark Surface (A12)		Depleted Da						asses (F12) (LRR K, L, R)
	Mucky Mineral (S1)		Redox Depre	ession	ıs (F8)				in Soils (F19) (MLRA 149B)
-	Gleyed Matrix (S4)							· · · · · · · · · · · · · · · · · · ·	(MLRA 144A, 145, 149B)
_	Redox (S5)							Red Parent Materia	al (F21)
	d Matrix (S6) ırface (S7) (LRR R, l	MI DΔ 1 <i>1</i>	OR)					Very Shallow Dark S	
Dark 50	arrace (37) (Ellicity)	IVILIUM 14	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					Other (Explain in Re	emarks)
	of hydrophytic ve	_	and wetland hyd	rology	/ must be	e preser	t, unless disturbe	d or problematic.	
Restrictive	Layer (if observed)):	Nama			المنطقة الما	Cail Duanant		Von No (
	Type:		None	-		Hyaric	Soil Present?		Yes No/_
Damandini	Depth (inches):								
Remarks:									
1									







Soil Photos



Photo of Sample Plot



Photo of Sample Plot Sketch



Project/Site: East Point	City/County: Shar	ron, Schoharie County		Sampling Date: 20	17-July-11		
Applicant/Owner: NextEra		State: 1	New York	Sampling Point: W-A	F-03; PSS-1		
Investigator(s): Anthony Froonj	jian, AJW	Section, Townsh	ip, Range:				
Landform (hillslope, terrace, etc.):	: Swale	Local relief (concave, co	onvex, none):	Concave	Slope (%): 1-10		
Subregion (LRR or MLRA): LF	RR L	Lat: 42.77525	Long:	-74.5591367	Datum: WGS84		
Soil Map Unit Name: Mohawk	and Lima soils, 2 to 10 percent slopes	s (MIB)		NWI classificatio	n:		
Are climatic/hydrologic conditions	s on the site typical for this time of ye	ar? Yes/_	No (If no	o, explain in Remarks.)			
Are Vegetation, Soil,	or Hydrology significantly dis			•	Yes No		
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If need	ed, explain an	ny answers in Remarks	.)		
SUMMARY OF FINDINGS – A	ttach site map showing sampli	ng point locations, t	ransects, in	nportant features,	etc.		
Hydrophytic Vegetation Present?	Yes _ ✓ _ No						
Hydric Soil Present?	Yes _ ✓ _ No	Is the Sampled Area w	ithin a Wetlan	nd? Yes	No		
Wetland Hydrology Present?	Yes No	If yes, optional Wetland			JF-03		
			a site ib.		NJI -03		
Remarks: (Explain alternative pro	ocedures here or in a separate report)					
TPC covertype is PSS							
TRC covertype is PSS.							
HYDROLOGY							
Wetland Hydrology Indicators:							
Primary Indicators (minimum of	one is required; check all that apply)		Secondar	y Indicators (minimum	of two required)		
✓ Surface Water (A1)	Water-Stained Lea	aves (B9)	Surfac	e Soil Cracks (B6)	•		
High Water Table (A2)	Aquatic Fauna (B1		_ ∠ Draina	age Patterns (B10)			
✓ Saturation (A3)	Marl Deposits (B1	5)		Moss Trim Lines (B16)			
∕ Water Marks (B1)	Hydrogen Sulfide	Odor (C1)	-	Dry-Season Water Table (C2)			
Sediment Deposits (B2)	<u></u> Oxidized Rhizosph	neres on Living Roots (C	٠,	Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)			
5 15 5 11 (52)		(64)					
Drift Deposits (B3) Algal Mat or Crust (B4)	Presence of Redu	ced Iron (C4) ction in Tilled Soils (C6)		ed or Stressed Plants (I	01)		
Algai Mat of Crust (B4) Iron Deposits (B5)	Kecent from Reduct		✓ Geomorphic Position (D2)— Shallow Aquitard (D3)				
Inundation Visible on Aerial Ir				topographic Relief (D4))		
Sparsely Vegetated Concave S		,		eutral Test (D5)	•		
Field Observations:							
Surface Water Present?	Yes _ 🗸 No Depth	(inches): 1					
Water Table Present?	Yes _ No Depth	(inches): 0		Hydrology Present?	Yes No		
Saturation Present?		(inches): 0	_	,	•		
(includes capillary fringe)							
	gauge, monitoring well, aerial photos	s pravious inspactions)	if available:		·		
Describe Recorded Data (stream	gauge, mornitoring well, aeriai priotos	s, previous irispections),	ii avaiiabie.				
Remarks:							
Remarks.							

<u>Free Stratum</u> (Plot size: <u>30 ft</u>)		Dominant Species?	Indicator Status	Dominance Test workshe Number of Dominant Sp Are OBL, FACW, or FAC:		3	(A)
·				Total Number of Domina Across All Strata:	nt Species	4	(B)
3 I				Percent of Dominant Spe - Are OBL, FACW, or FAC:	cies That	75	(A/B)
5				Prevalence Index worksh	eet:		
j				Total % Cover of	<u>f:</u>	Multiply I	By:
'				- OBL species	35	x 1 =	35
	0	= Total Cov	er	FACW species	38	x 2 =	76
apling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	3	x 3 =	9
. Rubus allegheniensis	20	Yes	FACU	FACU species	30	x 4 =	120
. Fraxinus americana	5	No	FACU	- UPL species	0	x 5 =	0
B. Hamamelis virginiana	5	No	FACU	- Column Totals	106	(A)	240 (B)
. Cornus amomum	3	No	FACW	Prevalence Ind		_	210 (5)
·				Hydrophytic Vegetation I			
· .				1- Rapid Test for Hy		'egetation	
	33	= Total Cov	er	2 - Dominance Test			
lerb Stratum (Plot size:5 ft)		=		3 - Prevalence Index			
. Glyceria striata	30	Yes	OBL	4 - Morphological A			supporting
. Impatiens capensis	20	Yes	FACW	data in Remarks or on a			
a. Onoclea sensibilis		Yes	FACW	- Problematic Hydror			-
. Carex stipata		No	OBL	¹Indicators of hydric soil		,	gy must be
i. Collinsonia canadensis		No	FAC	present, unless disturbed	•	matic	
		INU	FAC	Definitions of Vegetation			
5.				Tree – Woody plants 3 in.			liameter a
<u></u>				breast height (DBH), rega		_	- Du - L
3.				Sapling/shrub – Woody p			BH and
).				greater than or equal to			
0				Herb – All herbaceous (no size, and woody plants le			gardiess oi
1				Woody vines – All woody			20 ft in
2				height.	viries great	.er triair 5.	20 11 111
	73	= Total Cov	er				
Noody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic Vegetation	Present? \	res N	0
				_			
<u>.</u>							
				_			
3							
3. 4.			er	- 1			

	-	to the	-			indicator or cor	firm the al	bsence of indicators	s.)
Depth	Matrix		Redox				_		
(inches)	Color (moist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	Loc²	Texture		Remarks
0 - 10	10YR 3/1	90	7.5YR 6/8	10	C	M	Silty Clay Loam		
10 - 18	5G 5/1	80	5YR 6/8	20	C	M	Gravelly	Silty Clay	
		- —							
		- —							
		- —							
		- —							
	Concentration, D =	Deplet	ion, RM = Reduce	d Mat	rix, MS =	Masked Sand C	irains. ²L	ocation: PL = Pore L	<u> </u>
Hydric Soil								Indicators for Pro	blematic Hydric Soils³:
Histoso						8) (LRR R, MLR/		2 cm Muck (A1	10) (LRR K, L, MLRA 149B)
	oipedon (A2)		Thin Dark Su)		Redox (A16) (LRR K, L, R)
	istic (A3)		Loamy Mucl	•		(LRR K, L)		5 cm Mucky P	eat or Peat (S3) (LRR K, L, R)
	en Sulfide (A4) d Layers (A5)		_ <u>/</u> Loamy Gleyo Depleted Ma					Dark Surface (
	d Layers (A3) d Below Dark Surfa	ace (A1						•	ow Surface (S8) (LRR K, L)
	ark Surface (A12)	, cc (, t1	Depleted Da)			face (S9) (LRR K, L)
	Aucky Mineral (S1)		Redox Depr						ese Masses (F12) (LRR K, L, R)
_	Gleyed Matrix (S4)								odplain Soils (F19) (MLRA 149B)
-	Redox (S5)								(TA6) (MLRA 144A, 145, 149B)
-	d Matrix (S6)							Red Parent Ma	
	ırface (S7) (LRR R, M	ILRA 1	49B)					Other (Explain	Dark Surface (TF12)
									i ii Kemarks)
	of hydrophytic veg Layer (if observed):		and wetland hyd	rolog	y must b	e present, unle: T	ss disturbe	ed or problematic.	
Restrictive	-		None			Hydric Soil Pr	ocont?		Yes/_ No
	Type:		None			Hydric Soil Pro	esentr		res/_ NO
	Depth (inches):								
Remarks:									
1									
Ì									
1									

Hydrology Photos



Vegetation Photos







Photo of Sample Plot



Project/Site: East Point		_City/County: Shar	ron, Schoharie County	Samplir	ng Date: 2017-July-11
Applicant/Owner: NextEra			State: New	v York Sampling	Point: W-AJF-03; UPL-1
Investigator(s): Anthony Froon	jian, AJW		Section, Township,	Range:	
Landform (hillslope, terrace, etc.)	: Toe		Local relief (concave, conv	ex, none): Convex	Slope (%): 60-65
Subregion (LRR or MLRA):	RR L		Lat: 42.7749454	Long: -74.5589	322 Datum: WGS84
Soil Map Unit Name: Mohawk	and Lima soils, 2 to	o 10 percent slopes	s (MIB)	NWI	classification:
Are climatic/hydrologic condition		_		(If no, explain i	n Remarks.)
Are Vegetation, Soil,		significantly dis		al Circumstances" pr	
Are Vegetation, Soil,	or Hydrology _	naturally probl	ematic? (If needed,	explain any answers	in Remarks.)
SUMMARY OF FINDINGS – A	ttach site man	showing samplir	ng point locations, tran	nsects, important	features, etc.
Hydrophytic Vegetation Present	•	No _ _ _			
Hydric Soil Present?	Yes	No _ _ _	Is the Sampled Area within	n a Wetland?	Yes No
Wetland Hydrology Present?		No / _	If yes, optional Wetland Si		
Remarks: (Explain alternative pro				te ib.	
TRC covertype is UPL.					
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of	one is required: ch	neck all that apply)		Secondary Indicato	rs (minimum of two required)
Surface Water (A1)	<u> </u>	_ Water-Stained Lea	avos (BQ)	Surface Soil Cra	
High Water Table (A2)		_ Water-Stained Lea _ Aquatic Fauna (B1		Drainage Patter	
Saturation (A3)		_ Marl Deposits (B1		Moss Trim Lines	(B16)
Water Marks (B1)		_ Hydrogen Sulfide		Dry-Season Wat	
Sediment Deposits (B2)		_ Oxidized Rhizosph	neres on Living Roots (C3)	Crayfish Burrow	
					le on Aerial Imagery (C9)
Drift Deposits (B3)	_	Presence of Reduc		Stunted or Stres	
Algal Mat or Crust (B4) Iron Deposits (B5)		_ Recent from Reduc _ Thin Muck Surface	ction in Tilled Soils (C6)	Geomorphic Pos Shallow Aquitare	
Inundation Visible on Aerial I		_ Other (Explain in F		Microtopograph	
Sparsely Vegetated Concave		(,	FAC-Neutral Tes	
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 _		(inches):		·
(includes capillary fringe)	.6516 _	<u> </u>			
Describe Recorded Data (stream	gauge monitoring	g well perial photos	nrevious inspections) if a	l vailable:	
Describe Recorded Data (Stream	rgauge, monitorin	g well, aeriai priotos	s, previous inspections), ii a	avallable.	
Remarks:					

Tree Stratum (Plot size: <u>30 ft</u>)		Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That	0	(4)	
. Ostrya virginiana	45	Yes	FACU	Are OBL, FACW, or FAC:		(A)	
. Fagus grandifolia	30	Yes	FACU	Total Number of Dominant Species	6	(B)	
. Acer saccharum	15	No	FACU	Across All Strata:			
				Percent of Dominant Species That	That 0		
5.				Are OBL, FACW, or FAC:			
i.				Prevalence Index worksheet:		_	
				Total % Cover of:	Multiply	-	
	90	= Total Cov	er	OBL species 0	x 1 = _	0	
apling/Shrub Stratum (Plot size:15 ft)		_		FACW species 0	x 2 =	0	
. Fagus grandifolia	25	Yes	FACU	FAC species 0	x 3 =	0	
. Viburnum acerifolium	 15	Yes	UPL	FACU species 148	x 4 =	592	
. Fraxinus americana	8	No	FACU	UPL species 75	x 5 = _	375	
. Rubus allegheniensis	5	No	FACU	Column Totals 223	(A) _	967 (B)	
				Prevalence Index = B/A =	4.3		
-				Hydrophytic Vegetation Indicators:			
·				1- Rapid Test for Hydrophytic	Vegetation		
·	 53	= Total Cov	or	2 - Dominance Test is > 50%			
lerb Stratum (Plot size:5 ft)		10tal cov	Ci	3 - Prevalence Index is $\leq 3.0^{\circ}$			
. Eurybia schreberi	60	Yes	UPL	4 - Morphological Adaptations		supporting	
. Rubus allegheniensis	20	Yes	FACU	data in Remarks or on a separate s			
		162	FACU	Problematic Hydrophytic Vege		-	
				¹ Indicators of hydric soil and wetlar	-	gy must be	
l				present, unless disturbed or proble	matic		
5.				Definitions of Vegetation Strata:			
5.				Tree – Woody plants 3 in. (7.6 cm) o		diameter a	
				breast height (DBH), regardless of h			
3				Sapling/shrub – Woody plants less t		DBH and	
)				greater than or equal to 3.28 ft (1 m			
0				Herb – All herbaceous (non-woody) size, and woody plants less than 3.2		gardiess of	
1						20 ft in	
2				Woody vines – All woody vines great height.	itei tiiaii 3	20 11 111	
	80	= Total Cov	er				
Noody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic Vegetation Present?	Yes N	10	
·							
3.							
l .							
	0	= Total Cov	er				

	-	to the de	-			ndicato	or confirm the ab	sence of indicators.)
Depth	Matrix		Redox			12	Tax	*****	Damanka
(inches)	Color (moist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	Loc ²	Texture		Remarks
0 - 2	10YR 4/3	100		- —			-	Loam	
2 - 9	10YR 5/4	100		-				Silt Loam	
9 - 16	10YR 6/6	100		_			Gravelly	Silt Loam	
				_					
				_					
							_		
								_	
				_					
				_					-
1Type: C = 0	Concentration, D =	 Depletio	n RM = Reduced	Mati	ix MS =	Masked	Sand Grains 2LC	ocation: PL = Pore Lir	ning M = Matrix
Hydric Soil		2 chiculo	, m. neudeed	mad	ـــ دا۱۱	aancu	Jana Grains, 'Et		lematic Hydric Soils³:
Histoso			Polyvalue Po	OW, C	urface (S	8) (D D	R, MLRA 149B)		•
	pipedon (A2)		Thin Dark Su						O) (LRR K, L, MLRA 149B)
	istic (A3)		Loamy Muck						edox (A16) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gleye	•		(=:::::, :	-,	-	at or Peat (S3) (LRR K, L, R)
	d Layers (A5)		Depleted Ma					Dark Surface (S	
	d Below Dark Surf	ace (A11)	'	-	-			-	w Surface (S8) (LRR K, L)
Thick D	ark Surface (A12)		Depleted Dar	k Su	rface (F7)			Thin Dark Surfa	
Sandy N	Mucky Mineral (S1)		Redox Depre	ssior	ıs (F8)				e Masses (F12) (LRR K, L, R)
	Gleyed Matrix (S4)								dplain Soils (F19) (MLRA 149B)
Sandy F	Redox (S5)							•	7A6) (MLRA 144A, 145, 149B)
_	d Matrix (S6)							Red Parent Mat	
	ırface (S7) (LRR R, N	/ILRA 149	9B)					Very Shallow D	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•					Other (Explain	in Remarks)
-	of hydrophytic veg		and wetland hydr	olog	y must be	preser	t, unless disturbed	d or problematic.	
Restrictive	Layer (if observed): _								
	Type:		None			Hydric	Soil Present?		Yes No⁄_
	Depth (inches):								-
Remarks:									

Vegetation Photos





Photo of Sample Plot



Project/Site: East Point	City/County: Shar	on, Schoharie County	Samplin	ng Date: 2017-July-11		
Applicant/Owner: NextEra		State: Nev	v York Sampling	Point: W-AJF-04; PFO-1		
Investigator(s): Anthony Froonji	ian, AJW	Section, Township,	Range:			
Landform (hillslope, terrace, etc.):	Swamp	Local relief (concave, conv	ex, none): Concave	Slope (%): 0-1		
Subregion (LRR or MLRA): LR	RR L	Lat: 42.7748765	Long: -74.55811	Datum: WGS84		
Soil Map Unit Name: Mohawk a	and Lima soils, 2 to 10 percent slopes	(MIB)	NWI	classification:		
Are climatic/hydrologic conditions	s on the site typical for this time of yea	ar? Yes <u>✓</u> No	(If no, explain in	n Remarks.)		
Are Vegetation, Soil,	or Hydrology significantly dis		al Circumstances" pre	esent? Yes 🟒 No		
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed,	explain any answers	in Remarks.)		
SUMMARY OF FINDINGS – A	ttach site map showing samplir	ng point locations, trai	nsects, important	features, etc.		
Hydrophytic Vegetation Present?	Yes _ ✓ _ No					
Hydric Soil Present?	Yes No	Is the Sampled Area withi	n a Wetland?	Yes/_ No		
Wetland Hydrology Present?		If yes, optional Wetland S		W-AJF-04		
	Yes No	, ,	ite ib.			
Remarks: (Explain alternative pro 	ocedures here or in a separate report)					
TRC covertype is PFO.						
HYDROLOGY						
Wetland Hydrology Indicators:						
	one is required; check all that apply)		Secondary Indicator	s (minimum of two required)		
		(50)	Surface Soil Crac	•		
Surface Water (A1)	Water-Stained Lea		✓ Drainage Pattern	• •		
✓ High Water Table (A2)✓ Saturation (A3)	Aquatic Fauna (B1. Marl Deposits (B1		Moss Trim Lines			
Water Marks (B1)	Mair Deposits (B1)		Dry-Season Water Table (C2)			
Sediment Deposits (B2)	, ,	eres on Living Roots (C3)	Crayfish Burrows (C8)			
,		8(,	Saturation Visible	e on Aerial Imagery (C9)		
Drift Deposits (B3)	Presence of Reduc	ced Iron (C4)	Stunted or Stress	sed Plants (D1)		
Algal Mat or Crust (B4)		tion in Tilled Soils (C6)	✓ Geomorphic Pos			
Iron Deposits (B5)	Thin Muck Surface		Shallow Aquitard			
Inundation Visible on Aerial Ir	· · · · · · · · · · · · · · · · · · ·	temarks)	Microtopographi			
Sparsely Vegetated Concave S	Surface (B8)		<u>✓</u> FAC-Neutral Test	(D5)		
Field Observations:		<i>a</i>				
Surface Water Present?	Yes No <u></u> Depth	(inches):				
Water Table Present?	Yes _ V No Depth	(inches): 2	Wetland Hydrology I	Present? Yes No		
Saturation Present?	Yes No Depth	(inches): 0				
(includes capillary fringe)						
Describe Recorded Data (stream	gauge, monitoring well, aerial photos	s, previous inspections), if	available:			
Remarks:						
1						

70 15	Yes No	FACW FAC	Are OBL, FACW, or FAC Total Number of Domi Across All Strata: Percent of Dominant S Are OBL, FACW, or FAC	nant Species	6 6 100	(A) (B) (A/B)
15	No	FAC	Across All Strata: Percent of Dominant S Are OBL, FACW, or FAC	pecies That		
			Are OBL, FACW, or FAC		100	(A/B)
				-		
			 Prevalence Index work 	sheet:		
			Total % Cover		Multiply B	v:
			- OBL species	35	x 1 =	35
85	= Total Cov	er				330
						75
25	Yes	FACW	· ·			0
10	Yes	FACW	· ·			0
			· ·			440 (B)
			-			440 (b)
				-		
			' ' ' '			
			· ·		egetation	
35	= Total Cov	er				
	_	·.				
60	Yes	FACW				upporting
			1		, 0,	/ must be
	INU	FAC	*		natic	
			_			
						ameter a
			-	-	_	
						3H and
			. ~			
				-	_	iraless of
						0 ft in
			-	uy viries great	er triari 3.2	0 11 111
100	= Total Cov	er				
			Hydrophytic Vegetatio	on Present? Y	es 🔽 No	·
5	Yes	FAC				
			-			
5	= Total Cov	er				
	25 10 35 60 20 15 5	25 Yes 10 Yes 35 = Total Cov 60 Yes 20 Yes 15 No 5 No 100 = Total Cov 5 Yes	25 Yes FACW 10 Yes FACW 35 = Total Cover 60 Yes FACW 20 Yes OBL 15 No OBL 5 No FAC 100 = Total Cover 5 Yes FAC	25 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Prevalence In Hydrophytic Vegetatio 1- Rapid Test for 2 - Dominance Te 2 3 - Prevalence In A - Morphologica data in Remarks or on Problematic Hydrophytic Sciption of Present, unless disturb 15 No OBL 15 No FAC 16 Prevalence In Problematic Hydrophytic Sciption of Present, unless disturb 17 Definitions of Vegetation of V	FACW species 165	PACW species 165 x 2 = FAC yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes OBL 15 No OBL 15 No FAC 10 Yes FACW 11 No OBL 15 No FAC 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes OBL 15 No FAC 10 Yes FACW 10 YES FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 Yes FACW 10 YES FACW 10 YES FACW 10 YES FACW 10 YES FACW 10 YES FACW 10 YES FACW 10 YES FACW 10 YES FACW 10 YES FACW 10 YES FACW 10 YES FACW 10 YES FACW 10 YES FACW 10 YES FACW 10 YES FACW 10 YES FACW 10 YE

	cription: (Describe	to the o	-			indicator	or confirm the al	bsence of indicat	cors.)
Depth	Matrix		Redox				- .		
(inches)	Color (moist)	<u> </u>	Color (moist)	<u>%</u>	Type ¹	Loc ²	Texture		Remarks
0 - 8	10YR 3/1	90	7.5YR 6/6	10	C	M	Silty Clay Loam		
8 - 16	2.5Y 6/1	85	10YR 6/4	15	C	M	Silty 0	Clay	
							-		
							-		
		- —						_	
		- —						_	
							-		
							-		
							-		
	Concentration, D =	Deplet	ion, RM = Reduce	d Mat	rix, MS =	Masked	Sand Grains. ² Lo		e Lining, M = Matrix.
Hydric Soil								Indicators for F	Problematic Hydric Soils ³ :
Histoso							R, MLRA 149B)	2 cm Muck	(A10) (LRR K, L, MLRA 149B)
	oipedon (A2)		Thin Dark Su						ie Redox (A16) (LRR K, L, R)
Black Hi	en Sulfide (A4)		Loamy Muck Loamy Gleye	•		(LKK K, L	.)		y Peat or Peat (S3) (LRR K, L, R)
	d Layers (A5)		Depleted Ma						ce (S7) (LRR K, L)
	d Below Dark Surfa	ace (A1	·					•	Selow Surface (S8) (LRR K, L)
	ark Surface (A12)		_✓ Depleted Da	ırk Su	rface (F7))			Surface (S9) (LRR K, L)
Sandy N	lucky Mineral (S1)		Redox Depr	essior	ns (F8)				anese Masses (F12) (LRR K, L, R) Floodplain Soils (F19) (MLRA 149B)
Sandy C	ileyed Matrix (S4)								lic (TA6) (MLRA 144A, 145, 149B)
Sandy F	edox (S5)							Red Parent	
Stripped	d Matrix (S6)								w Dark Surface (TF12)
Dark Su	rface (S7) (LRR R, M	ILRA 14	49B)						ain in Remarks)
3Indicators	of hydrophytic veg	atation	and wetland by	Irolog	v must h	a nracan	t unlace dieturha		
-	_ayer (if observed):		Tana Wedana nye	10108	y mase b	Presen	c, arriess distar se	a or problematic	
	Type:		None			Hydric	Soil Present?		Yes No
	Depth (inches):								
Remarks:						•			
i									
i									
İ									
i									
Ì									
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Hydrology Photos





Soil Photos



Photo of Sample Plot



Project/Site: East Point	City/County: Shar	on, Schoharie County	Sampling Dat	e: 2017-July-11		
Applicant/Owner: NextEra		State: Nev	v York Sampling Point:	W-AJF-04; UPL-1		
Investigator(s): Anthony Froonj	ian, AJW	Section, Township,	Range:			
Landform (hillslope, terrace, etc.):	Hillslope	Local relief (concave, conv	ex, none): None	Slope (%): 1-10		
Subregion (LRR or MLRA): LF	RR L	Lat: 42.7749535	Long: -74.5583361	Datum: WGS84		
Soil Map Unit Name: Mohawk a	and Lima soils, 2 to 10 percent slopes	(MIB)	NWI classi	fication:		
Are climatic/hydrologic conditions	s on the site typical for this time of ye	ar? Yes <u>✓</u> No	(If no, explain in Ren	narks.)		
Are Vegetation, Soil,	or Hydrology significantly dis		al Circumstances" present	? Yes No		
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed,	explain any answers in Re	marks.)		
Summary of Findings – A	ttach site map showing samplir	ng point locations, trar	nsects, important feati	ures, etc.		
Hydrophytic Vegetation Present?	Yes No _ _ ∕_					
Hydric Soil Present?	Yes No	Is the Sampled Area withi	n a Wetland?	Yes No/_		
		•				
Wetland Hydrology Present?	Yes No _ _ _	If yes, optional Wetland Si	ite iD:			
Remarks: (Explain alternative pro	ocedures here or in a separate report)					
TRC covertype is UPL.						
HYDROLOGY						
Wetland Hydrology Indicators:						
Primary Indicators (minimum of	one is required; check all that apply)		Secondary Indicators (mir	•		
Surface Water (A1)	Water-Stained Lea		Surface Soil Cracks (B	•		
High Water Table (A2)	Aquatic Fauna (B1		Drainage Patterns (B1			
Saturation (A3)	Marl Deposits (B1:		Moss Trim Lines (B16)			
Water Marks (B1)	Hydrogen Sulfide		Dry-Season Water Table (C2) Crayfish Burrows (C8)			
Sediment Deposits (B2)	Oxidized Rhizosph	eres on Living Roots (C3)	Saturation Visible on A	Aerial Imagery (C9)		
Drift Deposits (B3)	Presence of Reduc	red Iron (CA)	Stunted or Stressed P			
Algal Mat or Crust (B4)		tion in Tilled Soils (C6)	Geomorphic Position			
Iron Deposits (B5)	Thin Muck Surface		Shallow Aquitard (D3)			
Inundation Visible on Aerial Ir			Microtopographic Reli			
Sparsely Vegetated Concave S		·	FAC-Neutral Test (D5)			
Field Observations:						
Surface Water Present?	Yes No 🟒 Depth (inches):				
Water Table Present?	Yes No/ Depth (inches):	- Wetland Hydrology Prese	ent? Yes No		
Saturation Present?		inches):				
	res No _ _v					
(includes capillary fringe)				·		
Describe Recorded Data (stream	gauge, monitoring well, aerial photos	s, previous inspections), if a	available:			
Remarks:						

Tree Stratum (Plot size: <u>30 ft</u>)		Dominant Species?	Indicator Status	Dominance Test workshe Number of Dominant Spe		1	(A)
. Fagus grandifolia	40	Yes	FACU	Are OBL, FACW, or FAC:			(A)
. Ostrya virginiana	25	Yes	FACU	Total Number of Dominar	nt Species	4	(B)
. Carya cordiformis	20	Yes	FAC	Across All Strata:		·	
l.				Percent of Dominant Spe	cies That	25	(A/B)
5.				Are OBL, FACW, or FAC:			
				Prevalence Index worksho			_
·				Total % Cover of		Multiply	-
· 	85	= Total Cov	er	OBL species	0	x 1 = _	0
apling/Shrub Stratum (Plot size: 15 ft)	-	-		FACW species	0	x 2 =	0
. Fagus grandifolia	30	Yes	FACU	FAC species	25	x 3 =	75
. Acer rubrum		No	FAC	FACU species	100	x 4 =	400
. Quercus rubra		No	FACU	UPL species	0	x 5 =	0
. Quercus rubru			TACO	Column Totals	125	(A)	475 (B)
				Prevalence Inde	ex = B/A =	3.8	
				Hydrophytic Vegetation Ir	ndicators:		
•				1- Rapid Test for Hyd		egetation/	
				2 - Dominance Test i		Ü	
	40	_= Total Cov	er	3 - Prevalence Index	is ≤ 3.0¹		
<u>lerb Stratum</u> (Plot size: <u>5 ft</u>)				4 - Morphological Ac	daptations ¹	(Provide	supporting
·				data in Remarks or on a s			11 0
<u> </u>				Problematic Hydrop			plain)
3.				Indicators of hydric soil a	ind wetlan	d hydrolog	gy must be
l				present, unless disturbed		-	33
5.				Definitions of Vegetation	Strata:		
5.				Tree – Woody plants 3 in.		more in o	diameter a
7.				breast height (DBH), rega			
3.				Sapling/shrub - Woody pl			BH and
				greater than or equal to 3			
				Herb – All herbaceous (no	n-woody)	plants, reg	gardless of
1				size, and woody plants le			
				Woody vines – All woody	vines great	ter than 3.	28 ft in
2		- Total Cau		height.			
w 1 x 5 x x x x x x x x x x x x x x x x x	0	_= Total Cov	er	Hydrophytic Vegetation I	Present? \	es N	lo ./
Noody Vine Stratum (Plot size: <u>30 ft</u>)				- Try an opiny are regardation .			
·				•			
3							
1							
	0	= Total Cov	er				

Profile Desc Depth	cription: (Describe Matrix	to the de	epth needed to de Redox			indicato	r or confirm the	e absence of indicators.)
l -						12	Taratrana	Damania
(inches)	Color (moist)	<u>%</u>	Color (moist)	9/0	Type ¹	Loc ²	Texture	e Remarks
0 - 18	10YR 2/2	100					Loam	
				_				
				_				
				_				
				_				
				_				
				_				
				_				
				_				
¹Type: C = C	Concentration, D =	Depletio	n, RM = Reduced	Mat	rix, MS =	Masked	Sand Grains.	² Location: PL = Pore Lining, M = Matrix.
Hydric Soil	Indicators:							Indicators for Problematic Hydric Soils ³ :
Histosol	I (A1)		Polyvalue Bel	ow S	urface (S	8) (LRR 1	R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Histic Ep	oipedon (A2)		Thin Dark Sur	face	(S9) (LRF	R, MLR	4 149B)	Coast Prairie Redox (A16) (LRR K, L, R)
Black Hi	istic (A3)		Loamy Mucky			(LRR K, I	-)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
Hydroge	en Sulfide (A4)		Loamy Gleyed Matrix (F2)					Dark Surface (S7) (LRR K, L)
Stratifie	d Layers (A5)		Depleted Mat	rix (F	- 3)			Polyvalue Below Surface (S8) (LRR K, L)
	d Below Dark Surfa	ace (A11)						Thin Dark Surface (S9) (LRR K, L)
	ark Surface (A12)		Depleted Dar)		Iron-Manganese Masses (F12) (LRR K, L, R)
	lucky Mineral (S1)		Redox Depre	ssior	ıs (F8)			Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy G	Gleyed Matrix (S4)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy R	Redox (S5)							Red Parent Material (F21)
Stripped	d Matrix (S6)							Very Shallow Dark Surface (TF12)
Dark Su	rface (S7) (LRR R, N	/ILRA 149	9B)					Other (Explain in Remarks)
		_						•
			and wetland hydr	olog	y must b	e preser	it, unless distur	bed or problematic.
	Layer (if observed):							
	Type:		None			Hydric	Soil Present?	Yes No <u></u> ✓
	Depth (inches):							
Remarks:								

Vegetation Photos



Soil Photos



Project/Site: East Point	City/County: Shar	ron Springs, Schohaie	Sa	ampling Date: 2017	7-July-12	
Applicant/Owner: NextEra		State: Nev	w York Sam	npling Point: W-AJF	-05; PEM-1	
Investigator(s): Anthony Froon	ıjian, AJW	Section, Township,	Range:			
Landform (hillslope, terrace, etc.)): Swale	Local relief (concave, conv	/ex, none): Co	ncave	Slope (%): 2-5	
	RR L	Lat: 42.7689137	Long:74		Datum: WGS84	
· · · · · · · · · · · · · · · · · · ·	ilt loam, gently undulating, 2 to 8 perce			NWI classification		
• •	ns on the site typical for this time of ye			plain in Remarks.)		
Are Vegetation, Soil,	or Hydrology significantly dis		al Circumstanc	•	es No	
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (if needed,	explain any an	nswers in Remarks.)		
SUMMARY OF FINDINGS - A	Attach site map showing samplin	ng point locations, trar	nsects, impo	rtant features, e	tc.	
Hydrophytic Vegetation Present	? Yes No					
Hydric Soil Present?	Yes No	Is the Sampled Area withi	in a Wetland?	Yes _	✓_ No	
Wetland Hydrology Present?	Yes _ _ No	If yes, optional Wetland S	ite ID:	W-AJ	F-05	
	ocedures here or in a separate report					
Landing: (Explain dicernative pro	occadi es nere or in a separate report,	,				
TRC covertype is PEM.						
The coverage is 1 Livi.						
	_					
HYDROLOGY						
Wetland Hydrology Indicators:						
Primary Indicators (minimum of	one is required; check all that apply)		Secondary Inc	dicators (minimum d	of two required)	
Surface Water (A1)	Water-Stained Lea	aves (B9)	Surface Sc	oil Cracks (B6)		
High Water Table (A2)	Aquatic Fauna (B1		⁄ Drainage F	Patterns (B10)		
Saturation (A3)	Marl Deposits (B1	5)	Moss Trim			
Water Marks (B1)	Hydrogen Sulfide			n Water Table (C2)		
Sediment Deposits (B2)	Oxidized Rhizosph	neres on Living Roots (C3)	 Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 			
Duilt Danacite (D2)	Presence of Rodu	I Ivon (CA)				
Drift Deposits (B3) Algal Mat or Crust (B4)	Presence of Reduce	ced Iron (C4) ction in Tilled Soils (C6)	Stunted or Stressed Plants (D1) Geomorphic Position (D2)			
Algai Mat of Crust (B4) Iron Deposits (B5)	Recent from Reduct Thin Muck Surface		Shallow A			
Iron Deposits (B3) Inundation Visible on Aerial I				ographic Relief (D4)		
Sparsely Vegetated Concave	· · · · · · · · · · · · · · · · · · ·	(Ciriai No)	FAC-Neutr			
Field Observations:						
Surface Water Present?	Yes No <u></u> Depth ((inches):				
Water Table Present?	•	(inches):	- Wetland Hvdr	rology Present?	Yes No	
Saturation Present?		·	-	ology i rese	105	
	Yes No Depth	(inches):	-			
(includes capillary fringe)						
Describe Recorded Data (stream	n gauge, monitoring well, aerial photos	s, previous inspections), if a	available:			
Remarks:						

	Ahsolute	Dominant	Indicator	Dominance Test worksheet:		
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)		Species?	Status	Number of Dominant Species That		
1.				Are OBL, FACW, or FAC:	2	(A)
2.				Total Number of Dominant Species		
				Across All Strata:	2	(B)
3.				Percent of Dominant Species That	400	
4.				Are OBL, FACW, or FAC:	100	(A/B)
5.				Prevalence Index worksheet:	-	
6				Total % Cover of:	Multiply E	<u>Ву:</u>
7				OBL species 10	x 1 =	10
	0	_= Total Cove	er	FACW species 80	x 2 =	160
Sapling/Shrub Stratum (Plot size: 15 ft)				FAC species 10	x 3 =	30
1				FACU species 0	x 4 =	0
2				UPL species 0	x 5 =	0
3				Column Totals 100	(A)	200 (B)
4.				Prevalence Index = B/A =		200 (b)
5.						
6.				Hydrophytic Vegetation Indicators:		
7.				1- Rapid Test for Hydrophytic	/egetation	
	0	= Total Cove	er	✓ 2 - Dominance Test is >50%		
Herb Stratum (Plot size: <u>225 sq.ft. square</u>)		_		\checkmark 3 - Prevalence Index is \le 3.01		
1. Phalaris arundinacea	50	Yes	FACW	4 - Morphological Adaptations		supporting
Epilobium hirsutum	30	Yes	FACW	data in Remarks or on a separate sl		
3. Typha latifolia	10	No No	OBL	Problematic Hydrophytic Vege		
4. Euthamia graminifolia	10	No No	FAC	¹Indicators of hydric soil and wetlar		gy must be
		INU	FAC	present, unless disturbed or proble	matic	
5.				Definitions of Vegetation Strata:		
6.				Tree – Woody plants 3 in. (7.6 cm) o		liameter at
7				breast height (DBH), regardless of h	_	
8				Sapling/shrub – Woody plants less t		BH and
9				greater than or equal to 3.28 ft (1 m		
10				Herb – All herbaceous (non-woody)		ardless of
11				size, and woody plants less than 3.2		00 ft :
12				Woody vines – All woody vines grea	ter than 3.2	28 IL III
	100	= Total Cove	er	height.		
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation Present?	Yes <u> </u>	0
1.						
2.						
3.						
4.						
	0	= Total Cove	er			
		-				
Remarks: (Include photo numbers here or on a separ	ate sheet.)					

Depth _	cription: (Describe Matrix	to the d	lepth needed to d Redox			indicator	or confirm the al	osence of indicators.)
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0 - 5	10YR 2/2	100	Color (moist)		Турс		Loam	Remarks
5 - 16	2.5Y 5/2	90	10YR 6/6	10			Silt Loam	· ·
3 10	2.31 3/2		10111070				Sile Edurii	· ·
				. —				· -
				. —				· -
			-	_			-	
			-	_			-	
¹Type: C = 0	 Concentration, D =	Depleti	on, RM = Reduced	d Mat	rix, MS =	Masked	Sand Grains. ² Lo	ocation: PL = Pore Lining, M = Matrix.
Hydric Soil								Indicators for Problematic Hydric Soils ³ :
Histoso			Polyvalue Be	low S	urface (S	8) (LRR F	R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Histic E	oipedon (A2)		Thin Dark Su					Coast Prairie Redox (A16) (LRR K, L, R)
	istic (A3)		Loamy Muck	-		(LRR K, L	_)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
, 0	en Sulfide (A4)		Loamy Gleye					Dark Surface (S7) (LRR K, L)
	d Layers (A5)	: (Depleted Ma					Polyvalue Below Surface (S8) (LRR K, L)
	d Below Dark Surf ark Surface (A12)	ace (A I	n) Redox Dark Depleted Da					Thin Dark Surface (S9) (LRR K, L)
	Jucky Mineral (S1)		Redox Depre			'		Iron-Manganese Masses (F12) (LRR K, L, R)
	Gleyed Matrix (S4)				.5 (. 5)			Piedmont Floodplain Soils (F19) (MLRA 149B)
-	Redox (S5)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
-	d Matrix (S6)							Red Parent Material (F21)
	rface (S7) (LRR R, I	MLRA 14	9B)					Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
	of hydrophytic veg		and wetland hyd	rolog	y must be	e presen	t, unless disturbe	d or problematic.
	Layer (if observed)		None			Lludric	Coil Drocont?	Voc. / No
	Type:		None			Hydric	Soil Present?	Yes No
-	Depth (inches):					1		.
Remarks:								

Vegetation Photos



Soil Photos



Photo of Sample Plot



Project/Site: East Point		City/County: Shar	ron Springs, Schoharie	Sampling	g Date: 2017-July-12
Applicant/Owner: NextEra			State: Nev	v York Sampling F	Point: W-AJF-05; UPL-1
Investigator(s): Anthony Froon	jian, AJW		Section, Township,	Range:	
Landform (hillslope, terrace, etc.)	: Hillslope		Local relief (concave, conv	ex, none): None	Slope (%): 5-10
Subregion (LRR or MLRA): L	RR L		Lat: 42.7690763	Long: -74.56099	77 Datum: WGS84
Soil Map Unit Name: Darien si	lt loam, gently und	ulating, 2 to 8 perc			classification:
Are climatic/hydrologic condition		-		(If no, explain in	n Remarks.)
Are Vegetation, Soil,		significantly dis		al Circumstances" pre	
Are Vegetation, Soil,	or Hydrology _	naturally probl	ematic? (If needed,	explain any answers	in Remarks.)
CLIMANA DV OF FINIDINICS	ttach cita man	shawing camali	og point logations tran	acceta imanautant l	footures etc
SUMMARY OF FINDINGS – A	•		lg point locations, trai	isects, important i	eatures, etc.
Hydrophytic Vegetation Present	_	No	la de a Cananda d'Anna codde	144 - 41 42	V N- (
Hydric Soil Present?		No	Is the Sampled Area withi	n a wetiand?	Yes No ∠
Wetland Hydrology Present?	Yes _	No _ _ _	If yes, optional Wetland Si	te ID:	
TRC covertype is UPL.					
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of	•				s (minimum of two required)
Surface Water (A1)		Water-Stained Lea		Surface Soil Cracl Drainage Pattern	
High Water Table (A2)		Aquatic Fauna (B1		Moss Trim Lines (
Saturation (A3) Water Marks (B1)		Marl Deposits (B1 Hydrogen Sulfide		Dry-Season Wate	
Sediment Deposits (B2)			neres on Living Roots (C3)	Crayfish Burrows	
		_	ieres en ziving neets (es)	Saturation Visible	e on Aerial Imagery (C9)
Drift Deposits (B3)		Presence of Redu	ced Iron (C4)	Stunted or Stress	ed Plants (D1)
Algal Mat or Crust (B4)		=	ction in Tilled Soils (C6)	Geomorphic Posi	
Iron Deposits (B5)		Thin Muck Surface		Shallow Aquitard	
Inundation Visible on Aerial I		Other (Explain in I	Remarks)	Microtopographic	
Sparsely Vegetated Concave Field Observations:	Surface (Do)			FAC-Neutral Test	(D5)
Surface Water Present?	Voc. No.	/ Donth	(inches):		
	Yes No _	•	(inches):		
Water Table Present?	Yes No _		(inches):	Wetland Hydrology F	Present? Yes No
Saturation Present?	Yes No _	<u>/</u> Depth	(inches):		
(includes capillary fringe)					
Describe Recorded Data (stream Remarks:	i gauge, monitoring	g weil, aeriai pnoto:	s, previous inspections), ir a	avaliable:	

% Cover	Species?		Normale and a C Daniel and a Co	eet:		
		Status	Number of Dominant S Are OBL, FACW, or FAC:	oecies That	0	(A)
			Total Number of Domin	ant Species	1	(B)
	· · · · · · · · · · · · · · · · · · ·		Across All Strata:			(6)
			Percent of Dominant Sp	ecies That	0	(A/B)
	· · · · · · · · · · · · · · · · · · ·		Are OBL, FACW, or FAC:			`_
						-
0	= Total Cove	er	· -			0
	_		· —			0
			· -		x 3 =	0
			<u> </u>	80	x 4 =	320
			UPL species	5	x 5 =	25
			Column Totals	85	(A)	345 (B)
			Prevalence Inc	dex = B/A =	4.1	·
			Hydrophytic Vegetation	Indicators:		
			- 1- Rapid Test for H	ydrophytic V	egetatio	n
			· ·			
0	_= Total Cove	er	3 - Prevalence Inde	ex is $\leq 3.0^1$		
			4 - Morphological	Adaptations ¹	(Provide	supporting
	Yes	FACU	, -			11 0
15	No	FACU	_ Problematic Hydro	phytic Vege	tation¹ (E	xplain)
10	No	FACU	Indicators of hydric soi	and wetlan	d hydrolo	gy must be
5	No	UPL	_ present, unless disturbe	ed or probler	natic	
			Definitions of Vegetatio	n Strata:		
			Tree – Woody plants 3 in	n. (7.6 cm) or	more in	diameter at
			breast height (DBH), reg	ardless of h	eight.	
			Sapling/shrub - Woody	plants less tl	nan 3 in.	DBH and
			greater than or equal to	3.28 ft (1 m) tall.	
				-		gardless of
			size, and woody plants l	ess than 3.2	8 ft tall.	
			-	y vines great	er than 3	3.28 ft in
85	= Total Cove	er	height.			
	_		Hydrophytic Vegetation	Present?	'es	No 🟒
			-			
			-			
			=			
	- Tatal Cau		-			
0	_= Total Cove	er				
	0 55 15 10	0 = Total Cove 55 Yes 15 No 10 No 5 No	0 = Total Cover 55	Prevalence Index works Total % Cover of OBL species FACW species FACU species UPL species UPL species Column Totals Prevalence Index Hydrophytic Vegetation 1- Rapid Test for H 2 - Dominance Tes 3 - Prevalence Index 4 - Morphological of data in Remarks or on a more of the prevalenc	Prevalence Index worksheet: Total % Cover of: OBL species OFACW species OFACU species OUPL spe	Prevalence Index worksheet: Total % Cover of: Description Description

Profile Desc Depth	cription: (Describe Matrix	to the d	epth needed to d Redox			indicato	r or confirm the al	bsence of indicators.)
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0 - 8	10YR 3/3	100		. 	.,,,,,		Loam	
8 - 16	10YR 4/4	100		_			Silt Loam	
				_				
				_				
				_				
				_				
				_				
				_				
				_				
	-		-	_			-	
				_				
				_				
¹Type: C = C	Concentration, D =	Depletic	n, RM = Reduced	Mat	rix, MS =	Masked	Sand Grains. ² Lo	ocation: PL = Pore Lining, M = Matrix.
Hydric Soil			,		,			Indicators for Problematic Hydric Soils ³ :
Histosol			Polyvalue Be	low S	urface (S	8) (LRR	R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
	oipedon (A2)		Thin Dark Su					2 Cfff Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R)
Black Hi	stic (A3)		Loamy Muck					5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gleye					Dark Surface (S7) (LRR K, L)
	d Layers (A5)		Depleted Ma					Polyvalue Below Surface (S8) (LRR K, L)
	d Below Dark Surf	ace (A11						Thin Dark Surface (S9) (LRR K, L)
	ark Surface (A12) Jucky Mineral (S1)		Depleted Dar)		Iron-Manganese Masses (F12) (LRR K, L, R)
	, , ,		Redox Depre	SSIOI	IS (F8)			Piedmont Floodplain Soils (F19) (MLRA 149B)
-	ileyed Matrix (S4)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
-	edox (S5) d Matrix (S6)							Red Parent Material (F21)
	ı Matrix (30) rface (S7) (LRR R, N	MIDA 14	DD)					Very Shallow Dark Surface (TF12)
Daik 3u	11ace (37) (LKK K, I	VILIXA 14	9 0)					Other (Explain in Remarks)
3Indicators	of hydrophytic veg	getation	and wetland hydr	olog	y must b	e preser	t, unless disturbe	d or problematic.
Restrictive I	_ayer (if observed)	:						
	Type:		None			Hydric	Soil Present?	Yes No/_
	Depth (inches):							
Remarks:								
İ								
İ								
1								

Vegetation Photos





Soil Photos



Photo of Sample Plot



Project/Site: East Point	City/Cou	Inty: Sharon Springs, S	Schoharie County	Sampling Date: 20	18-May-18
Applicant/Owner: NextEra			State: New York S	ampling Point: W-A	JF-06; PAB-1
Investigator(s): Anthony Froon	jian, VNM	Secti	on, Township, Range:		
Landform (hillslope, terrace, etc.)	: Depression	Local relief (concave, convex, none):	Concave	Slope (%): 0-1
Subregion (LRR or MLRA): N	ILRA 101 of LRR L	Lat:	12.7853536 Long: -	74.560922	Datum: WGS84
Soil Map Unit Name: Alluvial la	and (Al)			NWI classificatio	n: PUS
Are climatic/hydrologic condition		-	Yes No (If no,	explain in Remarks.)
Are Vegetation, Soil,	or Hydrology signit		Are "Normal Circumsta	•	Yes No
Are Vegetation, Soil,	or Hydrology natu	rally problematic?	(If needed, explain any	answers in Remarks	i.)
SUMMARY OF FINDINGS – A	ttach site man showing	sampling point lo	rations transects imr	nortant features	etc
Hydrophytic Vegetation Present	•		tations, transcets, imp	Jor tarre reactares,	
Hydric Soil Present?	Yes _ 🗸 No _	i	led Area within a Wetland	? Yes	No
		1			
Wetland Hydrology Present? Remarks: (Explain alternative pro	Yes ∠ _ No		nal Wetland Site ID:		AJF-06
TRC covertype is PAB.					
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of	·		-	Indicators (minimum	n of two required)
✓ Surface Water (A1)		tained Leaves (B9)		Soil Cracks (B6) e Patterns (B10)	
✓ High Water Table (A2)	· ·	Fauna (B13) posits (B15)	-	im Lines (B16)	
Saturation (A3) Water Marks (B1)	· ·	en Sulfide Odor (C1)		son Water Table (C2)
Sediment Deposits (B2)		d Rhizospheres on Livir	ng Roots (C3) Crayfish	Burrows (C8)	
		·		on Visible on Aerial	magery (C9)
Drift Deposits (B3)		e of Reduced Iron (C4)		or Stressed Plants (D1)
Algal Mat or Crust (B4)		ron Reduction in Tilled		rphic Position (D2)	
Iron Deposits (B5) Inundation Visible on Aerial I		ck Surface (C7) xplain in Remarks)		Aquitard (D3) pographic Relief (D4	`
Sparsely Vegetated Concave	· · · · · · · · · · · · · · · · · · ·	xpiairi iri kemarks)		pographic Relief (D4 utral Test (D5))
Field Observations:	Surface (DO)			atiai iest (D3)	
Surface Water Present?	Yes No	Depth (inches):	60		
Water Table Present?	Yes No	Depth (inches):		/drology Present?	Yes No
Saturation Present?	Yes _ ✓ _ No	Depth (inches):	0	, a. o.ogy ooc	· · · · · · · · · · · · · · · · · · ·
(includes capillary fringe)	165140	Depar (menes).			
· , , , , , , , , , , , , , , , , , , ,	gauge monitoring well ac	rial photos provious in	cnactions) if available:		
Describe Recorded Data (stream	i gauge, monitoring well, aei	riai priotos, previous in	spections), ii avaliable:		
Remarks:					

· · · · · · · · · · · · · · · · · · ·				Daminanaa Taat waxis	h 4.		
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)		Dominant		Dominance Test works			
	% Cover	Species?	Status	Number of Dominant S Are OBL, FACW, or FAC	•	1	(A)
1				Total Number of Domi			
2				Across All Strata:	iant species	1	(B)
3				Percent of Dominant S	nacias That		
4				Are OBL, FACW, or FAC	•	100	(A/B)
5.				Prevalence Index work			
6				Total % Cover		Multiply E	Rv.
7				OBL species	60	x 1 =	60
	0	= Total Cove	r	FACW species	0	x 2 =	0
Sapling/Shrub Stratum (Plot size: 15 ft)	·	_		FAC species		_	0
1				<u> </u>	0	x 3 =	
2.				FACU species	0	x 4 =	0
3.				UPL species	0	x 5 =	0
4.				Column Totals	60	(A)	60 (B)
5.				Prevalence Ir	ndex = B/A =	1	
6.				Hydrophytic Vegetation	n Indicators:		
				1- Rapid Test for I	Hydrophytic V	egetation	
7		Tatal Carre		2 - Dominance Te	st is >50%		
	0	_= Total Cove	r	3 - Prevalence Inc	lex is ≤ 3.0 ¹		
<u>Herb Stratum</u> (Plot size: <u>25 ft. Transect</u>)				4 - Morphological	Adaptations ¹	(Provide s	upporting
1. Potamogeton crispus		Yes	OBL	data in Remarks or on	a separate sh	eet)	
2				Problematic Hydr	ophytic Vege	tation¹ (Exp	olain)
3.				¹Indicators of hydric so	il and wetlan	d hydrolog	y must be
4				present, unless disturb		-	-
5.				Definitions of Vegetation	on Strata:		
6.				Tree – Woody plants 3		more in d	iameter at
7.				breast height (DBH), re			
8.				Sapling/shrub - Woody			BH and
9.				greater than or equal t			
40				Herb – All herbaceous			ardless of
				size, and woody plants			
				Woody vines - All woo	dy vines great	er than 3.2	28 ft in
12				height.	, ,		
	60	_= Total Cove	r	Hydrophytic Vegetatio	n Dracant? \	/os / N/	<u> </u>
Woody Vine Stratum (Plot size: 30 ft)				Trydrophytic vegetatic	iiiiieseiit;	.cs <u>v</u> 144	<i></i>
1							
2.							
3							
4.							
	0	= Total Cove	r				
Domarka (Include photo numbers here or on a cor	arata chaat)						
Remarks: (Include photo numbers here or on a sep	parate sneet.)						

	•	to the	•			indicator	or confirm the a	absence of indicato	ors.)
Depth _	Matrix		Redox				_		
(inches)	Color (moist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	Loc ²	Text		Remarks
0 - 6	5BG 6/1	75	2.5Y 6/2	25	D	M	stony S	ilty Clay	
		- —							
									_
								· ·	
		_		_					_
		- —		_					
1Typo: C = C	oncontration D =	Doplot	on DM - Poduco	d Mat	riv MC -	Macked	Fand Crains 21	ocation: DL = Doro	Lining, M = Matrix.
		Depiet	on, Kivi – Reduce	u iviat	112, 1813 –	iviaskeu .	Sanu Granis		
Hydric Soil			Doharakira D	alas - C	urfo (C	-0) (I DD -	MIDA 140D)		roblematic Hydric Soils³:
Histosol	oipedon (A2)		Polyvalue Be Thin Dark Su						A10) (LRR K, L, MLRA 149B)
Black Hi			Loamy Muck						e Redox (A16) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gley	-		(LIVIVIV, L	,		Peat or Peat (S3) (LRR K, L, R)
	d Layers (A5)		Depleted Ma					Dark Surface	
	d Below Dark Surfa	ace (A1							elow Surface (S8) (LRR K, L)
	ark Surface (A12)	•	Depleted Da)			urface (S9) (LRR K, L)
Sandy M	lucky Mineral (S1)		Redox Depr	essior	ns (F8)				nese Masses (F12) (LRR K, L, R)
Sandy G	ileyed Matrix (S4)								oodplain Soils (F19) (MLRA 149B)
	edox (S5)								c (TA6) (MLRA 144A, 145, 149B)
_	d Matrix (S6)							Red Parent N	
	rface (S7) (LRR R, N	ILRA 14	49B)						Dark Surface (TF12)
								Other (Expla	iii iii kemarks)
-			and wetland hyd	rolog	y must b	e present	, unless disturbe	ed or problematic.	
Restrictive I	_ayer (if observed):								
	Type:		None			Hydric :	Soil Present?	`	Yes No
	Depth (inches):								
Remarks:									
Ì									
ĺ									
Ì									

Photo of Sample Plot



Section, Township, Ranger: Secondary Indicators (minimum of two required) Secondary Indicators (minimum of two required) Surface Sail Cracks (Bio) Data Sail Sail Sail Sail Sail Sail Sail Sai	Project/Site: East Point	City/County: Shar	on Springs, Schoharie Coυ	unty Sa	ampling Date: 2018	I-May-18		
Local relief (concave, corvex, none): Concave Stope (%): 2.5	Applicant/Owner: NextEra		State: Nev	w York Sam	npling Point: W-AJF	-06; PSS-2		
ubregion (LRR or MLRA): MLRA 101 of LRR L Lat: 42.785514 Long _74.561491 Datum: WGS84 vibral land (Al) re deputin Name: Alluvial land (Al) re deputin Name: Alluvial land (Al) re Vegetation Soil or Hydrology significantly disturbed?	Investigator(s): Anthony Froonji	ian, VNM	Section, Township,	Range:				
ail Map Link Name: Alluvial and (Al)	Landform (hillslope, terrace, etc.):	Depression	Local relief (concave, conv	/ex, none): Co	ncave	Slope (%): 2-5		
re climatic/hydrologic conditions on the site typical for this time of year?	Subregion (LRR or MLRA): M	LRA 101 of LRR L	Lat: 42.785514	Long:74	.561491	Datum: WGS84		
re Vegetation Soil or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No re Vegetation Soil or Hydrology naturally problematic? (If needed, explain any answers in Remarks.) UMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No Is the Sampled Area within a Wetland? Yes No Wetland Hydrology Present? Yes No If yes, optional Wetland Site ID: W-AJF-06 Wetland Hydrology Indicators: (Explain alternative procedures here or in a separate report) Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check all that apply) Surface Water (A1) Water-Stained Leaves (B9) Surface Soil Cracks (B6) Yorainage Patterns (B10) Yorainage Pa	Soil Map Unit Name: Alluvial la	nd (Al)			NWI classification:	None		
UMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present?	Are climatic/hydrologic conditions	on the site typical for this time of ye	ar? Yes <u>√</u> No	(If no, ex	plain in Remarks.)			
WMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.	Are Vegetation, Soil,				•	es No		
Aydrophytic Vegetation Present? Yes No Is the Sampled Area within a Wetland? Yes No If yes, optional Wetland Site ID: W-AJF-06 Wetland Hydrology Present? Wetland Hydrology Indicators: Wetland Hydrology Indicators: Wetland Hydrology Indicators: Wetland Hydrology Indicators: Within Mydrology Indicators: Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (In	Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed,	explain any an	iswers in Remarks.)			
Aydrophytic Vegetation Present? Yes No Is the Sampled Area within a Wetland? Yes No If yes, optional Wetland Site ID: W-AJF-06 Wetland Hydrology Present? Wetland Hydrology Indicators: Wetland Hydrology Indicators: Wetland Hydrology Indicators: Wetland Hydrology Indicators: Within Mydrology Indicators: Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (Inches): Wetland Hydrology Present? Yes No Depth (In								
Steed Sampled Area within a Wetland? Yes _ No _ If yes, optional Wetland Site ID: W-AJF-06	SUMMARY OF FINDINGS – A	ttach site map showing samplir	ng point locations, trai	nsects, impo	rtant features, et	c.		
Steed Sampled Area within a Wetland? Yes _ No _ If yes, optional Wetland Site ID: W-AJF-06	Hydrophytic Vegetation Present?	Yes _ ✓ No						
If yes, optional Wetland Site ID: W-A JF-06	Hydric Soil Present?		Is the Sampled Area withi	in a Wetland?	Yes	✓ No		
Apply the position (Page 1975). Wetand Hydrology Indicators: Primary Indicators (minimum of one is required: check all that apply) Surface Water (A1)			i ·					
PYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Surface Water (A1)				itte iD.	٧٧٠٨١١	00		
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Surface Water (A1)	Remarks: (Explain alternative pro	redures here or in a separate report						
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Surface Water (A1)								
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Surface Water (A1)								
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Surface Water (A1)	TDC assessment in DCC							
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Surface Water (A1)	TRC covertype is PSS.							
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Surface Water (A1)								
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Surface Water (A1)								
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Surface Water (A1)								
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Surface Water (A1)								
Surface Water (A1)	HYDROLOGY							
Surface Water (A1)	Wetland Hydrology Indicators:				-			
Surface Water (A1)		one is required: check all that apply)		Secondary Inc	dicators (minimum c	of two required)		
High Water Table (A2) Aquatic Fauna (B13) Marl Deposits (B15) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) In Marl Deposits (B4) Algal Mat or Crust (B4) In Nuck Surface (C7) In Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table (A2) Aquatic Fauna (B13) 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) Wetland Hydrology Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			was (PO)	-				
✓ Saturation (A3)								
Water Marks (B1) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Crayfish Burrows (C8) Crayfish Burrows (C8) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) 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) Microtopographic Relief (D4) Sparsely Vegetated Concave Surface (B8) Microtopographic Relief (D4) FAC-Neutral Test (D5) FAC-Neutral Test (D5) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) FAC-Neutral Test (D5) FAC-Neutral Test (D5) FAC-Neutral Test (D5) FAC-Neutral Test (D5) FAC-Neutral Test (D5) FAC-Neutral Face (Water Present?	•	·		Moss Trim	Lines (B16)			
		•		Dry-Season Water Table (C2)				
	Sediment Deposits (B2)	Oxidized Rhizosph	neres on Living Roots (C3)	, , ,				
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) Microtopographic Relief (D4) Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5) FAC-Neutral Test (D5) Surface Water Present?								
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 Test (D5))		
Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Microtopographic Relief (D4) Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5)	9							
Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Some surface Water Present? Yes No Depth (inche								
Field Observations: Surface Water Present? Yes No / Depth (inches): Water Table Present? Yes No / Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes / No Depth (inches): Similar Table Present? Yes / No Depth (inches): Saturation Present? Yes / No Depth (inches): Satu		· · ·	(erriarks)					
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): 9 Depth (inches): 9 Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		ATTACE (BO)		17te Nedali	di Test (DS)	_		
Water Table Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Saturation Present? Yes No Depth (inches): 9 includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		Yes No / Depth	(inches):					
Saturation Present? Yes/_ No Depth (inches): 9 includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		·	· · · · · · · · · · · · · · · · · · ·	- Matland Lluda	rology Drocont?	Voc. 4 No.		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			·	- vveuariu nyur	ology Present?	res NO		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		Yes _ / No Depth	(inches): 9	_				
Remarks:	Describe Recorded Data (stream	gauge, monitoring well, aerial photos	s, previous inspections), if	available:				
Remarks:								
Remarks:								
	Remarks:							

				T			
Tree Stratum (Plot size:30 ft)		Dominant		Dominance Test worksheet			
·	% Cover	Species?	Status	Number of Dominant Spec	ies That	4	(A)
1				Are OBL, FACW, or FAC:	<u>-</u>		
2				Total Number of Dominant	Species	4	(B)
3				Across All Strata:			
4.				Percent of Dominant Specie	es inat	100	(A/B)
5.				Are OBL, FACW, or FAC:			
6.				Prevalence Index workshee			_
7.				Total % Cover of:		Multiply	-
		= Total Cove	r	OBL species		x 1 = _	0
Sapling/Shrub Stratum (Plot size: 15 ft)		-	•	·	35	x 2 =	70
1. Rhamnus cathartica	65	Yes	FAC	· —	80	x 3 =	240
2. Cornus amomum		No No	FACW	FACU species	0	x 4 =	0
		INU	FACVV	UPL species	0	x 5 =	0
3.				Column Totals	115	(A)	310 (B)
4				Prevalence Index	c = B/A = _	2.7	_
5				Hydrophytic Vegetation Ind			
6				1- Rapid Test for Hydr		egetation	
7				2 - Dominance Test is		egetation	
	70	= Total Cove	r	✓ 3 - Prevalence Index is			
Herb Stratum (Plot size:5 ft)				4 - Morphological Ada		(Provide s	supporting
1. Onoclea sensibilis	30	Yes	FACW	data in Remarks or on a se	•		supporting
2. Rhamnus cathartica	10	Yes	FAC	Problematic Hydroph			nlain)
3.				Indicators of hydric soil an			
4.				present, unless disturbed of		-	sy must be
5.				Definitions of Vegetation St	-	Tatic	-
6.				Tree – Woody plants 3 in. (7		moro in o	diameter at
7.				breast height (DBH), regard			diarrieter at
8.				Sapling/shrub – Woody plan			NRH and
9.				greater than or equal to 3.2			bii and
40				Herb – All herbaceous (non			ardless of
10				size, and woody plants less		_	gar aress or
11				Woody vines – All woody vi			28 ft in
12				height.	nes greate	ci cilaii 3.	2016111
	40	_= Total Cove	r			(N	
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation Pr	esent? Ye	es IN	10
1. <i>Vitis riparia</i>	5	Yes	FAC				
2							
3.							
4.							
	<u> </u>	= Total Cove	r	•			
Decreased and the state of the		_					
Remarks: (Include photo numbers here or on a sep	arate sneet.)						

	cription: (Describe	to the o	depth needed to d	locun	nent the	indicato	r or confirm the	absence o	f indicators.)
Depth	Matrix		Redox	Feat	ures				
(inches)	Color (moist)	<u>%</u>	Color (moist)	%	Type ¹	Loc ²	Texture	e	Remarks
0 - 6	10YR 3/1	100					Silt Loa	m	
6 - 18	2.5Y 5/2	85	10YR 6/6	15	C	M	Silt Loa	m	
			-						
	•								
1Typo: C = (Concontration D =	Donloti	ion DM - Poducos		riv MC –	Macked	Sand Grains	21 ocation: [PL = Pore Lining, M = Matrix.
		Depleti	on, Rivi – Reduced	ıvıat	1 IX, IVI3 –	iviaskeu	Saliu Glailis.		
Hydric Soil			Dobardina Da	lav. c	urfo (C	.0) (I DD	D MIDA 440C		ors for Problematic Hydric Soils³:
Histoso	pipedon (A2)		Polyvalue Be Thin Dark Su						m Muck (A10) (LRR K, L, MLRA 149B)
	istic (A3)		Loamy Muck						st Prairie Redox (A16) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gleye			(LIXIVIX)	-,		n Mucky Peat or Peat (S3) (LRR K, L, R)
	d Layers (A5)		Depleted Ma						k Surface (S7) (LRR K, L)
	d Below Dark Surf	ace (A1						-	yvalue Below Surface (S8) (LRR K, L)
	ark Surface (A12)		Depleted Da)			n Dark Surface (S9) (LRR K, L)
Sandy N	Mucky Mineral (S1)		Redox Depre	essior	ıs (F8)				n-Manganese Masses (F12) (LRR K, L, R)
Sandy 0	Gleyed Matrix (S4)								dmont Floodplain Soils (F19) (MLRA 149B)
Sandy F	Redox (S5)								sic Spodic (TA6) (MLRA 144A, 145, 149B) l Parent Material (F21)
Strippe	d Matrix (S6)								y Shallow Dark Surface (TF12)
Dark Su	ırface (S7) (LRR R, I	MLRA 14	49B)					-	er (Explain in Remarks)
	61 1 1 11								
	of hydrophytic veg		and wetland hyd	rolog	y must b	e preser	it, unless disturi	bed or prob	olematic.
Restrictive	Layer (if observed) _):							
	Type:		None			Hydric	Soil Present?		Yes No
	Depth (inches):								
Remarks:									

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	ron Springs, Schoharie Cou	nty Sampling Date: 2018-May-18				
Applicant/Owner: NextEra		State: New	York Sampling Point: W-AJF-06; UPL-1				
Investigator(s): Anthony Froonji	an, VNM	Section, Township,	Range:				
Landform (hillslope, terrace, etc.):	Till plain	Local relief (concave, conve	ex, none): undulating Slope (%): 2-5				
Subregion (LRR or MLRA): MI	LRA 101 of LRR L	Lat: 42.7853235	Long: -74.560896 Datum: WGS84				
Soil Map Unit Name: Ilion and A	Appleton soils, 3 to 8% slopes (laB)		NWI classification: None				
Are climatic/hydrologic conditions	on the site typical for this time of ye	ar? Yes <u>✓</u> No	(If no, explain in Remarks.)				
Are Vegetation, Soil,	or Hydrology significantly dis		al Circumstances" present? Yes 🟒 No				
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed,	explain any answers in Remarks.)				
Summary of Findings – At	tach site map showing samplir	ng point locations, tran	sects, important features, etc.				
Hydrophytic Vegetation Present?	Yes No _ ✓						
Hydric Soil Present?	Yes No	Is the Sampled Area within	n a Wetland? Yes No/				
Wetland Hydrology Present?	Yes No _ _ ∕_	If yes, optional Wetland Si					
							
Remarks: (Explain alternative pro	cedures here or in a separate report;)					
TRC covertype is UPL.							
HYDROLOGY							
Wetland Hydrology Indicators:							
	one is required; check all that apply)		Secondary Indicators (minimum of two required)				
•		(20)	Surface Soil Cracks (B6)				
Surface Water (A1)	Water-Stained Lea		Drainage Patterns (B10)				
High Water Table (A2) Saturation (A3)	Aquatic Fauna (B1 Marl Deposits (B1:		Moss Trim Lines (B16)				
Water Marks (B1)	Warr Deposits (B1:		Dry-Season Water Table (C2)				
Sediment Deposits (B2)		neres on Living Roots (C3)	0.1.5 (0.1.5)				
,		8(,	Saturation Visible on Aerial Imagery (C9)				
Drift Deposits (B3)	Presence of Reduc	ced Iron (C4)	Stunted or Stressed Plants (D1)				
Algal Mat or Crust (B4)		ction in Tilled Soils (C6)	Geomorphic Position (D2)				
Iron Deposits (B5)	Thin Muck Surface		Shallow Aquitard (D3)				
Inundation Visible on Aerial In		Remarks)	Microtopographic Relief (D4)				
Sparsely Vegetated Concave S	iurface (B8)		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	gauge, monitoring well, aerial photos	s, previous inspections), if a	vailable:				
Remarks:							

	Absolute	Dominant	Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size:30 ft)		Species?	Status	Number of Dominant Species Tha	t a	
1.		<u> </u>		Are OBL, FACW, or FAC:	0	(A)
2.				Total Number of Dominant Specie	s 1	(D)
3.				Across All Strata:		(B)
4.				Percent of Dominant Species That	0	(A /D)
				Are OBL, FACW, or FAC:		(A/B)
5.				Prevalence Index worksheet:		
6.				Total % Cover of:	<u>Multiply</u>	<u>By:</u>
7				OBL species 0	x 1 =	0
	0	_= Total Cove	r	FACW species 0	x 2 =	0
Sapling/Shrub Stratum (Plot size: 15 ft)				FAC species 0	x 3 =	0
1				FACU species 108	x 4 =	432
2				UPL species 8	x 5 =	40
3.				Column Totals 116	(A)	472 (B)
4				Prevalence Index = B/A =	- '' -	., _ (5)
5						
6.				Hydrophytic Vegetation Indicators		
7.				1- Rapid Test for Hydrophytic	vegetation	1
	0	= Total Cove	r	2 - Dominance Test is > 50%		
Herb Stratum (Plot size:25 ft. Transect)		_		3 - Prevalence Index is ≤ 3.01		
1. Poa compressa	84	Yes	FACU	4 - Morphological Adaptation		supporting
2. Taraxacum officinale	12	No	FACU	data in Remarks or on a separate		un la im)
3. <i>Melilotus officinalis</i>	8	No	FACU	Problematic Hydrophytic Veg		-
4. <i>Malva neglecta</i>	8	No	UPL	¹ Indicators of hydric soil and wetla present, unless disturbed or probl		gy must be
5. Galium mollugo	4	No No	FACU	· · · · · · · · · · · · · · · · · · ·	emauc	
6.			TACO	Definitions of Vegetation Strata:		-l:
				Tree – Woody plants 3 in. (7.6 cm)		diameter at
				breast height (DBH), regardless of	_	ODLI and
8.				Sapling/shrub – Woody plants less greater than or equal to 3.28 ft (1		JBH allu
9.				Herb – All herbaceous (non-wood)		gardless of
10				size, and woody plants less than 3		gai diess oi
11				Woody vines – All woody vines gre		28 ft in
12				height.	atter triair 5.	.2010111
	116	_= Total Cove	r			1- 1
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation Present?	yes N	NO <u>~</u>
1						
2						
3						
4.						
	0	= Total Cove	r			
Remarks: (Include photo numbers here or on a separa	ita chaat)	=		1		
Remarks. (include prioto numbers here or on a separa	ite si ieet.)					

	•	to the de	•			ndicator	or confirm the al	bsence of indicators.)	
Depth (in the ca)	Matrix		Redox			1 2	_		Demonstra
(inches)	Color (moist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	Loc ²	-	xture	Remarks
0 - 4	10YR 4/2	100		- —				Loam	
4 - 18	10YR 4/4	100					Gravelly	y Silt Loam	
	1						-		
								_	
¹Type: C = (Concentration, D =	Depletic	n, RM = Reduced	Matı	rix, MS =	Masked	Sand Grains. ² Lo	ocation: PL = Pore Lin	ing, M = Matrix.
Hydric Soil					<u> </u>				ematic Hydric Soils³:
Histoso			Polyvalue Bel	low S	urface (S	8) (LRR	R. MLRA 149B)		•
	pipedon (A2)		Thin Dark Sur) (LRR K, L, MLRA 149B) dox (A16) (LRR K, L, R)
	istic (A3)		Loamy Mucky						at or Peat (S3) (LRR K, L, R)
Hydrog	en Sulfide (A4)		Loamy Gleye	d Ma	trix (F2)			Dark Surface (S7	
	ed Layers (A5)		Depleted Mat						V Surface (S8) (LRR K, L)
	ed Below Dark Surf	ace (A11						Thin Dark Surface	
	ark Surface (A12)		Depleted Dar						e Masses (F12) (LRR K, L, R)
-	Mucky Mineral (S1)		Redox Depre	ssior	ıs (F8)				plain Soils (F19) (MLRA 149B)
	Gleyed Matrix (S4)								A6) (MLRA 144A, 145, 149B)
_	Redox (S5)							Red Parent Mate	
	d Matrix (S6)							Very Shallow Da	
Dark Su	urface (S7) (LRR R, N	MLRA 149	∌B)					Other (Explain in	n Remarks)
3Indicators	of hydrophytic veg	etation a	and wetland hvdr	ology	/ must be	e presen	t. unless disturbe	d or problematic.	
-	Layer (if observed)				,		-,		
	Type:		None			Hvdric	Soil Present?		Yes No/_
	Depth (inches):								
Remarks:	Depart (meries).					1			
Kemarks.									

Photo of Sample Plot



Project/Site: East Point	City/Co	unty: Sharon Springs, Schoharie Cou	unty Sampling Date: 2	2018-May-18			
Applicant/Owner: NextEra		State: New	w York Sampling Point: W-	AJF-06; UPL-2			
Investigator(s): Anthony Froon	ian, VNM	Section, Township,	Range:				
Landform (hillslope, terrace, etc.)	Hillslope	Local relief (concave, conv	vex, none): Convex	Slope (%): 10-15			
<u> </u>	LRA 101 of LRR L	Lat: 42.7855281	Long: -74.5615291	Datum: WGS84			
Soil Map Unit Name: Honeyoy	e-Farmington complex, 2 to	10% slopes (HfB)	NWI classificat	ti on: None			
Are climatic/hydrologic condition			(If no, explain in Remark	s.)			
Are Vegetation, Soil,	or Hydrology signi		al Circumstances" present?	Yes No			
Are Vegetation, Soil,	or Hydrology natu	rally problematic? (If needed,	explain any answers in Remar	ks.)			
CLIMANA DV OF FINIDINICS A	*****			4			
Г		g sampling point locations, tra	nsects, important reatures	s, etc.			
Hydrophytic Vegetation Present?	· · · · · · · · · · · · · · · · · · ·	;		, N			
Hydric Soil Present?	Yes No	Is the Sampled Area with	in a Wetland?	/es No ∠			
Wetland Hydrology Present?	Yes No _	✓ If yes, optional Wetland S	ite ID:				
Remarks: (Explain alternative pro	ocedures here or in a separ	ate report)					
TRC covertype is UPL.							
HYDROLOGY							
Wetland Hydrology Indicators:							
Primary Indicators (minimum of	one is required; shock all th	aat annly)	Secondary Indicators (minimu	ım of two required)			
	•		Surface Soil Cracks (B6)	<u>ini oi two requirea)</u>			
Surface Water (A1)		Stained Leaves (B9)	Drainage Patterns (B10)				
High Water Table (A2) Saturation (A3)	·	Fauna (B13) eposits (B15)	Moss Trim Lines (B16)				
Water Marks (B1)		en Sulfide Odor (C1)	Dry-Season Water Table (C2)				
Sediment Deposits (B2)		d Rhizospheres on Living Roots (C3)	Crayfish Burrows (C8)				
			Saturation Visible on Aeria	al Imagery (C9)			
Drift Deposits (B3)	Presence	ce of Reduced Iron (C4)	Stunted or Stressed Plants	s (D1)			
Algal Mat or Crust (B4)		Iron Reduction in Tilled Soils (C6)	Geomorphic Position (D2)				
Iron Deposits (B5)		uck Surface (C7)	Shallow Aquitard (D3)				
Inundation Visible on Aerial I	· · · · · · · · · · · · · · · · · · ·	Explain in Remarks)	Microtopographic Relief ([04)			
Sparsely Vegetated Concave	Surface (B8)		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	gauge, monitoring well, ae	rial photos, previous inspections), if	available:				
Remarks:							
i .							

	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Speci		1	(A)
20	Yes	FACU	Are OBL, FACW, or FAC:	•	<u>'</u>	(A)
5	Yes	FACU	Total Number of Dominant Across All Strata:	Species	4	(B)
				es That	25	(A/B)
				t:		
					Multiply	Bv:
				0		-). O
25	= Total Cov	er	<u> </u>		_	0
			·		_	225
50	Yes	UPL			_	160
5	No	FACU	I		_	250
					_	
					_	635 (B)
					3.8	
			Hydrophytic Vegetation Ind	icators:		
- ——			1- Rapid Test for Hydro	ophytic V	egetation	
	- Total Cov	or	2 - Dominance Test is	> 50%		
	_ 10tal COV	eı	3 - Prevalence Index is	≤ 3.0 ¹		
75	V	EA.C	4 - Morphological Ada	ptations¹	(Provide	supporting
			data in Remarks or on a sep	arate sh	eet)	
10	No	FACU	Problematic Hydrophy	tic Veget	ation¹ (Ex	plain)
			Indicators of hydric soil and	d wetland	d hydrolog	gy must be
			present, unless disturbed o	r probler	natic	
			Definitions of Vegetation St	rata:		
			Tree – Woody plants 3 in. (7	.6 cm) or	more in o	liameter a
						BH and
			.			
			Herb – All herbaceous (non-	-woody) į	olants, reg	ardless of
						•
- ——						28 ft in
			-	J		
85	_= Total Cov	er		ocont? V	oc N	o /
			Hydrophydic Vegetation Fre	esent: 1	es IV	·
			•			
		25 = Total Covers	25 = Total Cover 50	Across All Strata: Percent of Dominant Specie Are OBL, FACW, or FAC: Prevalence Index workshee Total % Cover of: OBL species FAC species FAC species FACU species UPL species Column Totals 1 Prevalence Index Hydrophytic Vegetation Ind 1- Rapid Test for Hydro 2 - Dominance Test is: 3 - Prevalence Index is: 4 - Morphological Ada data in Remarks or on a sep Problematic Hydrophy Indicators of hydric soil and present, unless disturbed o Definitions of Vegetation St Tree - Woody plants 3 in. (7 breast height (DBH), regard Sapling/shrub - Woody plar greater than or equal to 3.2 Herb - All herbaceous (nonsize, and woody plants less Woody vines - All woody vineight.	Across All Strata: Percent of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Total % Cover of: OBL species OBL speci	Across All Strata: Percent of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Total % Cover of: OBL species FACW species FACW species FACU species FAC

Depth Matrix Redox Features (inches) Color (moist) % Color (moist) % Type¹ Loc² Texture Remarks 0 - 8 10YR 3/3 100 Gravelly Silt Loam 8 - 16 10YR 5/3 100 Gravelly Silt Loam Gravelly Silt Loam Gravelly Silt Loam 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 Soils²: — Histosol (A1) — Polyvalue Below Surface (S8) (LRR R, MLRA 149B)2 cm Muck (A10) (LRR K, L, MLRA 149B)
0 - 8 10YR 3/3 100 Gravelly Silt Loam 8 - 16 10YR 5/3 100 Gravelly Silt Loam 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. — Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B)
8 - 16 10YR 5/3 100 Gravelly Silt Loam 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 ³ : — Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B)
¹Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ²Location: PL = Pore Lining, M = Matrix. Hydric Soil Indicators: Indicators for Problematic Hydric Soils³: — Histosol (A1) — Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L. MLRA 149B)
Hydric Soil Indicators: — Histosol (A1) — Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B)
Hydric Soil Indicators: — Histosol (A1) — Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B)
Hydric Soil Indicators: — Histosol (A1) — Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B)
Hydric Soil Indicators: — Histosol (A1) — Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B)
Hydric Soil Indicators: — Histosol (A1) — Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B)
Hydric Soil Indicators: — Histosol (A1) — Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B)
Hydric Soil Indicators: — Histosol (A1) — Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B)
Hydric Soil Indicators: — Histosol (A1) — Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B)
Hydric Soil Indicators: — Histosol (A1) — Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B)
Hydric Soil Indicators: — Histosol (A1) — Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B)
Hydric Soil Indicators: — Histosol (A1) — Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B)
Hydric Soil Indicators: — Histosol (A1) — Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B)
Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K. L. MLRA 149B)
History Francisco (AC) This Doub Confere (CO) (LDD D. M. DA 140D)
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) 5 hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) 5 park Surface (S7) (LRR K, L, R)
Stratified Layers (A5) Depleted Matrix (E2)
Depleted Below Dark Surface (A11) Pedov Dark Surface (F6) Polyvalue Below Surface (S8) (LKK K, L)
Thick Dark Surface (A12) Depleted Dark Surface (F7) — Thin Dark Surface (S9) (LRR K, L)
Sandy Mucky Mineral (S1) Redox Depressions (F8) Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy Gleved Matrix (S4) Piedmont Hoodplain Soils (F19) (MLRA 149B)
Sandy Redox (SS) Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Stripped Matrix (S6)
Dorld Surface (C7) (LDD D ALDA 140D)
Other (Explain in Remarks)
³ Indicators 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:

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	on Springs, Schoharie Coυ	inty Samp	ling Date: 2018-Ma	ay-18
Applicant/Owner: NextEra		State: Nev	v York Samplin	ng Point: W-AJF-07;	PEM-1
Investigator(s): Anthony Froonji	ian, VNM	Section, Township,	Range:		
Landform (hillslope, terrace, etc.):	Depression	Local relief (concave, conv	ex, none): Concav	ve Slo	pe (%): 0-1
Subregion (LRR or MLRA): M	LRA 101 of LRR L	Lat: 42.7839789	Long: -74.564	5793 Dat	um: WGS84
Soil Map Unit Name: Madalin s	ilt loam, over till (Ma)		N\	WI classification: N	one
Are climatic/hydrologic conditions	on the site typical for this time of ye	ar? Yes <u></u> ✓ No	(If no, explain	n in Remarks.)	
Are Vegetation, Soil,	or Hydrology significantly dis		al Circumstances"	present? Yes _	✓ No
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed,	explain any answe	ers in Remarks.)	
SUMMARY OF FINDINGS – A	ttach site map showing samplir	ng point locations, trai	nsects, importar	nt features, etc.	
Hydrophytic Vegetation Present?	Yes No				
Hydric Soil Present?	Yes No	Is the Sampled Area withi	n a Wetland?	Yes	No
Wetland Hydrology Present?	Yes No	If yes, optional Wetland S	ite ID:	W-AJF-07	•
	cedures here or in a separate report)			
	codures nore or in a separate report,	•			
TRC covertype is PEM.					
HADDOI OCA					
HYDROLOGY					
Wetland Hydrology Indicators:					
Primary Indicators (minimum of o	one is required; check all that apply)		Secondary Indicat	ors (minimum of tw	vo required)
Surface Water (A1)	Water-Stained Lea	aves (B9)	Surface Soil Cr		
High Water Table (A2)	Aquatic Fauna (B1	3)	Drainage Patte		
✓ Saturation (A3)	Marl Deposits (B1		Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8)		
✓ Water Marks (B1)	Hydrogen Sulfide				
Sediment Deposits (B2)	Oxidized Rhizosph	neres on Living Roots (C3)	•	ible on Aerial Image	rv (C9)
Drift Deposits (B3)	Presence of Reduc	red Iron (C4)		essed Plants (D1)	y (23)
✓ Algal Mat or Crust (B4)		tion in Tilled Soils (C6)	✓ Geomorphic P		
Iron Deposits (B5)	Thin Muck Surface		Shallow Aquita		
Inundation Visible on Aerial In	nagery (B7) Other (Explain in F	Remarks)	Microtopograp		
Sparsely Vegetated Concave S	Surface (B8)		∕ FAC-Neutral Te	est (D5)	
Field Observations:					
Surface Water Present?	Yes No <u>_</u> Depth	(inches):			
Water Table Present?	Yes No <u>_</u> Depth	(inches):	Wetland Hydrolog	gy Present? Ye	s No
Saturation Present?	Yes 🔽 No Depth	(inches): 10			
(includes capillary fringe)			-		
	gauge, monitoring well, aerial photos	s, previous inspections), if	available:		
	88-, F	, p			
Remarks:					
Kemarks.					
i e					

	Absolute	Dominant	Indicator	Dominance Test worksheet:		
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)		Species?	Status	Number of Dominant Species	Γhat	
1.	70 0010.			Are OBL, FACW, or FAC:	3	(A)
-				Total Number of Dominant Sp	ecies	
2.				Across All Strata:	3	(B)
3				Percent of Dominant Species 1	hat	
4				Are OBL, FACW, or FAC:	100	(A/B)
5				Prevalence Index worksheet:		
6				Total % Cover of:	Multiply	Rv.
7				OBL species 0	x 1 =	0
	0	= Total Cove	er	FACW species 73	x2=	146
Sapling/Shrub Stratum (Plot size: 15 ft)		_		·		
1. Cornus amomum	10	Yes	FACW		x3=	21
2. Rhamnus cathartica	7	Yes	FAC	FACU species 0	x 4 =	0
3. <i>Ulmus americana</i>	3	No	FACW	UPL species 0	x 5 =	0
4.				Column Totals 80	(A)	167 (B)
5.				Prevalence Index = E	/A = <u>2.1</u>	
6.				Hydrophytic Vegetation Indica	ors:	
-				1- Rapid Test for Hydroph	ytic Vegetation	1
7				✓ 2 - Dominance Test is >50	%	
	20	_= Total Cov	er	3 - Prevalence Index is ≤	3.0¹	
Herb Stratum (Plot size:5 ft)				4 - Morphological Adapta	tions¹ (Provide	supporting
1. <i>Phalaris arundinacea</i>	60	Yes	FACW	data in Remarks or on a separa		11 0
2				Problematic Hydrophytic		(plain)
3.				¹Indicators of hydric soil and w	etland hydrolo	gy must be
4				present, unless disturbed or p	-	
5.				Definitions of Vegetation Strat	a:	
6.				Tree – Woody plants 3 in. (7.6 o		diameter at
7.				breast height (DBH), regardles		
8.				Sapling/shrub - Woody plants	_	DBH and
9.	_			greater than or equal to 3.28 f		
40				Herb – All herbaceous (non-wo		gardless of
				size, and woody plants less tha		
				Woody vines – All woody vines	greater than 3	.28 ft in
12				height.		
	60	_= Total Cov	er	Hydrophytic Vegetation Prese	nt? Ves / N	Jo
Woody Vine Stratum (Plot size: 30 ft)				Trydrophytic vegetation resc	10. 103 <u>v</u> 1	
1						
2						
3						
4						
	0	= Total Cov	er			
Remarks: (Include photo numbers here or on a separa	ate sheet)			_		
remarks. (melade prioto numbers here or on a separt	ace sirect.					

Profile Desc	cription: (Describe	to the d	epth needed to d	ocum	ent the	indicato	r or confirm the al	osence of indicators.)
Depth	Matrix		Redox	Feat	ures			
(inches)	Color (moist)	<u>%</u>	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0 - 8	10YR 3/1	100		_			Loam	
8 - 18	10YR 4/1	95	7.5YR 4/6	5	C	M	Silt Loam	
				_				
				_				
			_				_	
			_				_	
				_				
				_				
¹Type: C = C	Concentration, D =	Depletion	on, RM = Reduced	Mati	rix, MS =	Masked	Sand Grains. ² Lo	ocation: PL = Pore Lining, M = Matrix.
Hydric Soil	Indicators:							Indicators for Problematic Hydric Soils ³ :
Histosol	I (A1)		Polyvalue Be	ow S	urface (S	8) (LRR	R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Histic Ep	oipedon (A2)		Thin Dark Su	rface	(S9) (LRF	RR, MLR	A 149B)	Coast Prairie Redox (A16) (LRR K, L, R)
Black Hi			Loamy Muck			(LRR K,	L)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
, 0	en Sulfide (A4)		Loamy Gleye					Dark Surface (S7) (LRR K, L)
	d Layers (A5)	(111	Depleted Ma					Polyvalue Below Surface (S8) (LRR K, L)
	d Below Dark Surfa ark Surface (A12)	ace (A i i	Depleted Dark			`		Thin Dark Surface (S9) (LRR K, L)
	Mucky Mineral (S1)		Redox Depre			,		Iron-Manganese Masses (F12) (LRR K, L, R)
	Gleyed Matrix (S4)		Redox Depre	33101	13 (10)			Piedmont Floodplain Soils (F19) (MLRA 149B)
_	Redox (S5)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
_	d Matrix (S6)							Red Parent Material (F21)
	rface (S7) (LRR R, N	ЛІ RA 1 <i>4</i>	.9R)					Very Shallow Dark Surface (TF12)
Dark 3a	Trace (37) (Erricity in	VILIVIII	50)					Other (Explain in Remarks)
•	of hydrophytic veg		and wetland hydr	olog	y must b	e preser	nt, unless disturbe	d or problematic.
	Layer (if observed)	:						
	Type:		None			Hydric	Soil Present?	Yes No
,	Depth (inches):							
Remarks:								
								·

Photo of Sample Plot



Project/Site: East Point	City/County: Sha	ron Springs, Schoharie Cou	inty	Sampling Date: 2018	-May-20	
Applicant/Owner: NextEra		State: Nev	w York Sa	mpling Point: W-AJF-	·07; PUB-2	
Investigator(s): Anthony Froonj	ian, Anthony Froonjian	Section, Township,	Range:			
Landform (hillslope, terrace, etc.):	Depression	Local relief (concave, conv	ex, none): C	oncave	Slope (%): 0-1	
Subregion (LRR or MLRA): M	LRA 101 of LRR L	Lat: 42.783958	Long:7	74.5640899 I	Datum: WGS84	
Soil Map Unit Name: Darien sil	t loam, 2 to 8 percent slopes (DeB)			NWI classification:	PUS	
• •	s on the site typical for this time of ye			explain in Remarks.)		
Are Vegetation, Soil,	or Hydrology significantly di			•	es No	
Are Vegetation, Soil,	or Hydrology naturally prob	lematic? (If needed,	explain any a	answers in Remarks.)		
				_		
SUMMARY OF FINDINGS – A	ttach site map showing sampli	ng point locations, trai	nsects, imp	ortant features, et	.c.	
Hydrophytic Vegetation Present?	Yes No					
Hydric Soil Present?	Yes No	Is the Sampled Area withi	in a Wetland?	Yes _	∠_ No	
Wetland Hydrology Present?	Yes No	If yes, optional Wetland S	ite ID:	W-AJF	-07	
Remarks: (Explain alternative pro	ocedures here or in a separate report)				
		,				
TRC covertype is PUB.						
HYDROLOGY						
Wetland Hydrology Indicators:	one is required; shock all that apply		Cocondanyl	ndicators (minimum s	f two required)	
,	one is required; check all that apply)		-	ndicators (minimum o Soil Cracks (B6)	i two required)	
✓ Surface Water (A1)	Water-Stained Lea			e Patterns (B10)		
✓ High Water Table (A2) ✓ Saturation (A3)	_ <u>✓</u> Aquatic Fauna (B1 Marl Deposits (B1		_	m Lines (B16)		
Water Marks (B1)	Hydrogen Sulfide		Dry-Season Water Table (C2)			
Sediment Deposits (B2)	, ,	heres on Living Roots (C3)	6 C. I. D. (60)			
•			Saturatio	on Visible on Aerial Im	agery (C9)	
Drift Deposits (B3)	Presence of Redu			or Stressed Plants (D1)	
✓ Algal Mat or Crust (B4)		ction in Tilled Soils (C6)		phic Position (D2)		
Iron Deposits (B5) Inundation Visible on Aerial In	Thin Muck Surface			Aquitard (D3)		
Sparsely Vegetated Concave S	3 7 · · · <u></u> · · ·	Remarks)		oographic Relief (D4) tral Test (D5)		
Field Observations:	Januace (BB)			trai rest (DS)		
Surface Water Present?	Yes _ ✓ No Depth	(inches): 24				
Water Table Present?	•	(inches): 0	- Wetland Hvd	drology Present?	Yes No	
Saturation Present?	,	(inches): 0	- Vectoria riye	arology r reserie.	.65	
	les <u>▼</u> 140 Deptil	(inches).	-			
(includes capillary fringe)		\(\dot\) if				
Describe Recorded Data (stream	gauge, monitoring well, aerial photo	s, previous inspections), ii a	avallable:			
Dama a wikas						
Remarks:						

	A la la - 4 -	Danisant	Localitations	Dominance Test worksh	· · · · · · · · · · · · · · · · · · ·		
Tree Stratum (Plot size: 30 ft)		Dominant Species?	Status	Dominance Test worksh Number of Dominant S			
	% Cover	3pecies:	Status	Are OBL, FACW, or FAC:		1	(A)
1				Total Number of Domin			
2				Across All Strata:	and species	1	(B)
3				Percent of Dominant Sp	necies That		
4				Are OBL, FACW, or FAC:		100	(A/B)
5				Prevalence Index works			
6				Total % Cover		Multiply E	Bv:
7				OBL species	0	x 1 =	0
	0	= Total Cove	r	FACW species	10	x 2 =	20
Sapling/Shrub Stratum (Plot size:15 ft)				FAC species	0	x3=	0
1				FACU species	0	x 4 =	0
2.				UPL species	0	_	0
3.				_ · _		x 5 =	
4.				Column Totals	10	(A) _	20 (B)
5.				Prevalence In	dex = B/A =		
6.				Hydrophytic Vegetation			
7.				1- Rapid Test for H		egetation	
···-		= Total Cove	r	_ ✓ 2 - Dominance Tes			
Herb Stratum (Plot size:25 ft. Transect)		- 10101 COVC		_ ✓ 3 - Prevalence Inde	ex is $\leq 3.0^1$		
1. Phalaris arundinacea	10	Yes	FACW	4 - Morphological			supporting
2.		163	TACW	data in Remarks or on a			
3.				Problematic Hydro			
				¹Indicators of hydric soi		-	y must be
4.				present, unless disturbe		matic	
5				Definitions of Vegetatio			
6				Tree – Woody plants 3 i			iameter at
7				breast height (DBH), reg			
8				Sapling/shrub - Woody			BH and
9				greater than or equal to			
10				Herb – All herbaceous (-		ardless of
11				size, and woody plants			00 ft i.e.
12				Woody vines – All wood	y vines great	er than 3.2	28 IL III
	10	= Total Cove	r	height.			
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation	n Present? \	∕es <u> </u>	0
1							
2.							
3.							
4.							
	0	= Total Cove	r				
D 1 (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
Remarks: (Include photo numbers here or on a separ	ate sheet.)						

	Matrix	0/		k Feat		1002	Toyturo	Domarko
(inches) 0 - 10	Color (moist) 10YR 5/2	<u>%</u> 85	7.5YR 6/6	<u>%</u> 15	Type¹ C	Loc ²	Texture Silt	Remarks
0 10	1011(3/2	- 05	7.511(0/0	15			3110	
		_		_				
		- —						
		- —						
		- —						
ype: C = 0	Concentration, D =	 Deplet	ion, RM = Reduce	d Mat	rix, MS =	Masked	Sand Grains. ² L	ocation: PL = Pore Lining, M = Matrix.
	Indicators:	<u> </u>						Indicators for Problematic Hydric Soils ³ :
_ Histoso	I (A1)						R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
	oipedon (A2)		Thin Dark S					Coast Prairie Redox (A16) (LRR K, L, R)
_	istic (A3)		Loamy Muc			(LRR K, L	_)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
_ , _	en Sulfide (A4) d Lavers (A5)		Loamy Gley					Dark Surface (S7) (LRR K, L)
_	d Below Dark Surfa	ace (A1	/ Depleted M 1) Redox Dark					Polyvalue Below Surface (S8) (LRR K, L)
	ark Surface (A12)	111) 221	Depleted Da)		Thin Dark Surface (S9) (LRR K, L)
_	Mucky Mineral (S1)		Redox Depr			,		Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy (Gleyed Matrix (S4)				. ,			Piedmont Floodplain Soils (F19) (MLRA 149B)
-	Redox (S5)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
-	d Matrix (S6)							Red Parent Material (F21)
	rface (S7) (LRR R, M	ILRA 1	49B)					Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
ndicators	of hydrophytic veg	etation	and wetland hvo	drolog	v must b	e presen	t. unless disturbe	
	Layer (if observed):		<u> </u>		<u>,,</u>		-,	
	Type:		None			Hydric	Soil Present?	Yes No
	Depth (inches):			•		-		
emarks:						·		

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	ron Springs, Schoharie Cou	nty Sampling Date: 20°	18-May-18		
Applicant/Owner: NextEra		State: Nev	v York Sampling Point: W-AJ	JF-07; UPL-1		
Investigator(s): Anthony Froonjia	n, VNM	Section, Township,	Range:			
Landform (hillslope, terrace, etc.):	toe	Local relief (concave, conv	ex, none): None	Slope (%): 95-		
				100		
Subregion (LRR or MLRA): MLF	RA 101 of LRR L	Lat: 42.7840994	Long: -74.5646253	_Datum: WGS84		
Soil Map Unit Name: Honeoye-Fa			NWI classificatio			
Are climatic/hydrologic conditions of			(If no, explain in Remarks.)			
Are Vegetation, Soil,	or Hydrology significantly dis		•	Yes _ ∠ No		
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed,	explain any answers in Remarks	.)		
SUMMARY OF FINDINGS – Atta	ach site map showing samplir	ng point locations, trar	nsects, important features,	etc.		
Hydrophytic Vegetation Present?	Yes <u> </u>					
Hydric Soil Present?	Yes No _ ✓	Is the Sampled Area with	in a Wetland? Ye	sNo⁄_		
Wetland Hydrology Present?		If yes, optional Wetland S				
	Yes No ∠		one iD.			
Remarks: (Explain alternative proce	edures here or in a separate report))				
TDC						
TRC covertype is UPL.						
HYDROLOGY						
Wetland Hydrology Indicators:	an in want in all all all that and it		Consorder Hadisətərə (minimum			
Primary Indicators (minimum of on			Secondary Indicators (minimum	i oi two requirea)		
Surface Water (A1)	Water-Stained Lea		Surface Soil Cracks (B6)Drainage Patterns (B10)			
High Water Table (A2)	Aquatic Fauna (B1		Moss Trim Lines (B16)			
Saturation (A3)	Marl Deposits (B15					
Water Marks (B1)	Hydrogen Sulfide	Odor (C1)	Dry-Season Water Table (C2) Crayfish Burrows (C8)			
Sediment Deposits (B2)			Craylish Burrows (C8)			
	Oxidized Rhizosph	neres on Living Roots (C3)	•			
·		• • •	Saturation Visible on Aerial I	magery (C9)		
Drift Deposits (B3) Algal Mat or Crust (B4)	Presence of Reduc	• • •	Saturation Visible on Aerial I Stunted or Stressed Plants (I	magery (C9)		
Drift Deposits (B3)	Presence of Reduc	ced Iron (C4) ction in Tilled Soils (C6)	Saturation Visible on Aerial I	magery (C9)		
Drift Deposits (B3) Algal Mat or Crust (B4)	Presence of Reduc Recent Iron Reduc Thin Muck Surface	ced Iron (C4) ction in Tilled Soils (C6) e (C7)	Saturation Visible on Aerial IStunted or Stressed Plants (IGeomorphic Position (D2)	magery (C9) D1)		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	Presence of Reducture Recent Iron Reducture Thin Muck Surfacet agery (B7) Other (Explain in F	ced Iron (C4) ction in Tilled Soils (C6) e (C7)	Saturation Visible on Aerial I Stunted or Stressed Plants (I Geomorphic Position (D2) Shallow Aquitard (D3)	magery (C9) D1)		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima	Presence of Reducture Recent Iron Reducture Thin Muck Surfacet agery (B7) Other (Explain in F	ced Iron (C4) ction in Tilled Soils (C6) e (C7)	 Saturation Visible on Aerial I Stunted or Stressed Plants (I Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) 	magery (C9) D1)		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su	Presence of Reduction Recent Iron Reduction Thin Muck Surface agery (B7) Other (Explain in F	ced Iron (C4) ction in Tilled Soils (C6) e (C7)	 Saturation Visible on Aerial I Stunted or Stressed Plants (I Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) 	magery (C9) D1)		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su Field Observations:	Presence of Reducture Recent Iron Reducture Thin Muck Surface agery (B7) Other (Explain in Furface (B8) Yes No Depth (ced Iron (C4) ction in Tilled Soils (C6) e (C7) Remarks)	 Saturation Visible on Aerial I Stunted or Stressed Plants (I Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) 	magery (C9) D1)		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su Field Observations: Surface Water Present?	Presence of Reduction Recent Iron Reduction Thin Muck Surface agery (B7) Other (Explain in Forface (B8) Yes No L Depth (ced Iron (C4) ction in Tilled Soils (C6) e (C7) Remarks) (inches):	Saturation Visible on Aerial I Stunted or Stressed Plants (I Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)	magery (C9) D1)		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su Field Observations: Surface Water Present? Water Table Present? Saturation Present?	Presence of Reduction Recent Iron Reduction Thin Muck Surface agery (B7) Other (Explain in Forface (B8) Yes No L Depth (ced Iron (C4) ction in Tilled Soils (C6) e (C7) Remarks) (inches):	Saturation Visible on Aerial I Stunted or Stressed Plants (I Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)	magery (C9) D1)		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	Presence of Reduce Recent Iron Reduce Thin Muck Surface agery (B7) Other (Explain in Forface (B8) Yes No Depth (Yes No Depth (ced Iron (C4) ction in Tilled Soils (C6) e (C7) Remarks) (inches): (inches):	Saturation Visible on Aerial I Stunted or Stressed Plants (I Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) Wetland Hydrology Present?	magery (C9) D1)		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	Presence of Reduction Recent Iron Reduction Thin Muck Surface agery (B7) Other (Explain in Forface (B8) Yes No L Depth (ced Iron (C4) ction in Tilled Soils (C6) e (C7) Remarks) (inches): (inches):	Saturation Visible on Aerial I Stunted or Stressed Plants (I Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) Wetland Hydrology Present?	magery (C9) D1)		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	Presence of Reduce Recent Iron Reduce Thin Muck Surface agery (B7) Other (Explain in Forface (B8) Yes No Depth (Yes No Depth (ced Iron (C4) ction in Tilled Soils (C6) e (C7) Remarks) (inches): (inches):	Saturation Visible on Aerial I Stunted or Stressed Plants (I Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) Wetland Hydrology Present?	magery (C9) D1)		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (stream ga	Presence of Reduce Recent Iron Reduce Thin Muck Surface agery (B7) Other (Explain in Forface (B8) Yes No Depth (Yes No Depth (ced Iron (C4) ction in Tilled Soils (C6) e (C7) Remarks) (inches): (inches):	Saturation Visible on Aerial I Stunted or Stressed Plants (I Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) Wetland Hydrology Present?	magery (C9) D1)		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	Presence of Reduce Recent Iron Reduce Thin Muck Surface agery (B7) Other (Explain in Forface (B8) Yes No Depth (Yes No Depth (ced Iron (C4) ction in Tilled Soils (C6) e (C7) Remarks) (inches): (inches):	Saturation Visible on Aerial I Stunted or Stressed Plants (I Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) Wetland Hydrology Present?	magery (C9) D1)		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (stream ga	Presence of Reduce Recent Iron Reduce Thin Muck Surface agery (B7) Other (Explain in Forface (B8) Yes No Depth (Yes No Depth (ced Iron (C4) ction in Tilled Soils (C6) e (C7) Remarks) (inches): (inches):	Saturation Visible on Aerial I Stunted or Stressed Plants (I Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) Wetland Hydrology Present?	magery (C9) D1)		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (stream ga	Presence of Reduce Recent Iron Reduce Thin Muck Surface agery (B7) Other (Explain in Forface (B8) Yes No Depth (Yes No Depth (ced Iron (C4) ction in Tilled Soils (C6) e (C7) Remarks) (inches): (inches):	Saturation Visible on Aerial I Stunted or Stressed Plants (I Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) Wetland Hydrology Present?	magery (C9) D1)		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (stream ga	Presence of Reduce Recent Iron Reduce Thin Muck Surface agery (B7) Other (Explain in Forface (B8) Yes No Depth (Yes No Depth (ced Iron (C4) ction in Tilled Soils (C6) e (C7) Remarks) (inches): (inches):	Saturation Visible on Aerial I Stunted or Stressed Plants (I Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) Wetland Hydrology Present?	magery (C9) D1)		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (stream ga	Presence of Reduce Recent Iron Reduce Thin Muck Surface agery (B7) Other (Explain in Forface (B8) Yes No Depth (Yes No Depth (ced Iron (C4) ction in Tilled Soils (C6) e (C7) Remarks) (inches): (inches):	Saturation Visible on Aerial I Stunted or Stressed Plants (I Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) Wetland Hydrology Present?	magery (C9) D1)		
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (stream ga	Presence of Reduce Recent Iron Reduce Thin Muck Surface agery (B7) Other (Explain in Forface (B8) Yes No Depth (Yes No Depth (ced Iron (C4) ction in Tilled Soils (C6) e (C7) Remarks) (inches): (inches):	Saturation Visible on Aerial I Stunted or Stressed Plants (I Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) Wetland Hydrology Present?	magery (C9) D1)		

Tree Stratum (Plot size: <u>30 ft</u>)		Dominant Species?	Indicator Status	Number of Dominant : Are OBL, FACW, or FAC	Species That	2	(A)
l 2				Total Number of Domi Across All Strata:		3	(B)
3.				Percent of Dominant S - Are OBL, FACW, or FAC		66.7	(A/B)
5				Prevalence Index work	sheet:		
5				Total % Cover	of:	Multiply B	<u>sy:</u>
⁷				- OBL species	0	x 1 =	0
	0	= Total Cov	er	FACW species	0	x 2 =	0
apling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	23	x 3 =	69
. Cornus racemosa	15	Yes	FAC	FACU species	77	x 4 =	308
2. Rhamnus cathartica	8	Yes	FAC	UPL species	0	x 5 =	0
3. Lonicera morrowii	2	No	FACU	Column Totals	100	(A)	377 (B)
				Prevalence II	ndex = B/A =	_	(-)
i				•			
i				Hydrophytic Vegetation		/t-t	
<i>,</i> .				1- Rapid Test for		regetation	
	25	= Total Cov	er	2 - Dominance Te			
Herb Stratum (Plot size: <u>5 ft.</u>)		_		3 - Prevalence Inc			
. Solidago canadensis	60	Yes	FACU	4 - Morphologica	•		upporting
2. Taraxacum officinale	10	No	FACU	data in Remarks or on			
B. Galium mollugo		No	FACU	- Problematic Hydi		-	
1			17100	¹Indicators of hydric so			y must be
				present, unless disturb		matic	
				Definitions of Vegetation			
				Tree - Woody plants 3			iameter a
7				breast height (DBH), re			
3				Sapling/shrub – Woody			BH and
9				greater than or equal t			
0				Herb – All herbaceous			ardless of
l1				size, and woody plants			
2				Woody vines – All woo	dy vines great	ter than 3.2	28 ft in
	75	= Total Cov	er	height.			
Noody Vine Stratum (Plot size: <u>30 ft</u>)		_		Hydrophytic Vegetation	on Present? \	∕es <u> </u>	·
l.							
2.				-			
3.				=			
4.				-			
·		= Total Cov	or	=			
		_ 10tal Cov	er				

	-	to the de	-			ndicato	r or confirm the ab	sence of indicators.)
Depth	Matrix		Redox				-		
(inches)	Color (moist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	Loc ²		ture	Remarks
0 - 7	10YR 3/3	100		- —				Silt Loam	
7 - 16	10YR 4/4	100					Gravelly	Silt Loam	
	1						1		
				_					
	1			_			1		
				_					
	-			_			-		
				-					
				- —		 .			
	Concentration, D =	Depletio	n, RM = Reduced	Mati	rıx, MS =	Masked	Sand Grains. ² Lo	ocation: PL = Pore Lin	
Hydric Soil								Indicators for Prob	olematic Hydric Soils³:
Histoso			•				R, MLRA 149B)	2 cm Muck (A1	0) (LRR K, L, MLRA 149B)
Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B)							Coast Prairie R	edox (A16) (LRR K, L, R)	
	istic (A3)		Loamy Muck	•		(LRR K,	L)	5 cm Mucky Pe	at or Peat (S3) (LRR K, L, R)
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)							Dark Surface (S	57) (LRR K, L)	
	ed Layers (A5)	(411)	Depleted Ma		-			Polyvalue Belov	w Surface (S8) (LRR K, L)
	ed Below Dark Surfa ark Surface (A12)	ace (ATT)	Redox Dark S Depleted Dai					Thin Dark Surfa	ace (S9) (LRR K, L)
	Mucky Mineral (S1)		Redox Depre					Iron-Manganes	se Masses (F12) (LRR K, L, R)
			Kedox Depre	55101	15 (ГО)			Piedmont Floor	dplain Soils (F19) (MLRA 149B)
-	Gleyed Matrix (S4)							Mesic Spodic (1	ГА6) (MLRA 144A, 145, 149B)
_	Redox (S5)							Red Parent Ma	terial (F21)
	d Matrix (S6)							Very Shallow D	ark Surface (TF12)
Dark Su	ırface (S7) (LRR R, N	/ILRA 149	9B)					Other (Explain	in Remarks)
3Indicators	of hydrophytic veg	etation a	and wetland hydr	olog	v must be	e preser	it. unless disturbed	d or problematic.	
-	Layer (if observed):			0.08.	y 111450 200		, a	<u>a or prosternation</u>	
	Type:		None			Hydric	Soil Present?		Yes No✓
	Depth (inches):			•					
Remarks:	Depart (meries).					1			
Remarks.									

Photo of Sample Plot



Project/Site: East Point	City/County: Share	on Springs, Schoharie Cou	nty Sampli	ing Date: 2018-May-20		
Applicant/Owner: NextEra		State: Nev	v York Sampling	g Point: W-AJF-07; UPL-2		
Investigator(s): Anthony Froonj	ian, Anthony Froonjian	Section, Township,	Range:			
Landform (hillslope, terrace, etc.):	toe	Local relief (concave, conv	ex, none): Convex	Slope (%): 5-10		
Subregion (LRR or MLRA): M	ILRA 101 of LRR L	Lat: 42.7839141	Long: -74.5640	D699 Datum: WGS84		
Soil Map Unit Name: Darien sil	t loam, 2 to 8 percent slopes (DeB)		NW	/I classification: None		
Are climatic/hydrologic conditions	s on the site typical for this time of yea	ar? Yes <u>✓</u> No	(If no, explain	in Remarks.)		
Are Vegetation, Soil,	or Hydrology significantly dis		al Circumstances" p	resent? Yes 🟒 No		
Are Vegetation, Soil,	or Hydrology naturally proble	ematic? (If needed,	explain any answer	s in Remarks.)		
Summary of Findings – A	ttach site map showing samplin	ng point locations, trar	nsects, importan	t features, etc.		
Hydrophytic Vegetation Present?	Yes _ ✓ _ No					
Hydric Soil Present?	Yes No	Is the Sampled Area with	in a Wetland?	Yes No/_		
		,				
Wetland Hydrology Present?	Yes No _ _	If yes, optional Wetland S	oite iD:			
Remarks: (Explain alternative pro	ocedures here or in a separate report)					
TRC covertype is UPL.						
HYDROLOGY						
Wetland Hydrology Indicators:						
Primary Indicators (minimum of	one is required; check all that apply)		-	ors (minimum of two required)		
Surface Water (A1)	Water-Stained Lea		Surface Soil Cra			
High Water Table (A2)	Aquatic Fauna (B13		Drainage Patter			
Saturation (A3)	Marl Deposits (B15		Moss Trim Lines (B16)			
Water Marks (B1)	Hydrogen Sulfide (Dry-Season Water Table (C2) Crayfish Burrows (C8)			
Sediment Deposits (B2)	Oxidized Rhizosph	eres on Living Roots (C3)	•	ole on Aerial Imagery (C9)		
Drift Deposits (B3)	Presence of Reduc	ed Iron (CA)				
Algal Mat or Crust (B4)		tion in Tilled Soils (C6)	Stunted or Stressed Plants (D1) Geomorphic Position (D2)			
Iron Deposits (B5)	Thin Muck Surface		Shallow Aquitai			
Inundation Visible on Aerial Ir			Microtopograp			
Sparsely Vegetated Concave S	Surface (B8)		FAC-Neutral Tes	st (D5)		
Field Observations:						
Surface Water Present?	Yes No _ _/ Depth (i	inches):				
Water Table Present?	Yes No 🟒 Depth (i	inches):	Wetland Hydrology	y Present? Yes No		
Saturation Present?	Yes No Depth (i			,		
	163 140 <u>\$</u>		-			
(includes capillary fringe)						
Describe Recorded Data (stream	gauge, monitoring well, aerial photos	, previous inspections), if a	available:			
Remarks:						

2	No		realiser of Borninane Spe	cies That	3	(A)
		FAC	Are OBL, FACW, or FAC:			
			Total Number of Dominal Across All Strata:	nt Species	5	(B)
			Percent of Dominant Spe- Are OBL, FACW, or FAC:	cies That	60	(A/B)
			Prevalence Index worksho	eet:		
					Multiply	Bv:
				0		0
2	= Total Cove	er		3	_	6
			· -		_	42
7	Yes	FAC	<u> </u>		_	280
5	Yes	FAC			_	0
3	Yes	FACW	<u> </u>		_	328 (B)
					_	326 (D)
			Prevalence Inde	ex = B\A =	3.8	
			Hydrophytic Vegetation Ir	ndicators:		
			1- Rapid Test for Hyd	drophytic V	egetation	
15	- Total Cov	or	2 - Dominance Test i	is >50%		
13	- TOTAL COVE	EI	3 - Prevalence Index	is $\leq 3.0^{1}$		
50	\/	FACIL	4 - Morphological Ac	daptations¹	(Provide	supporting
			data in Remarks or on a s	eparate sh	eet)	
	Yes	FACU	Problematic Hydrop	hytic Vege	tation¹ (Ex	plain)
5	No	FACU	Indicators of hydric soil a	and wetlan	d hydrolog	gy must be
			-		-	-
			Definitions of Vegetation	Strata:		
			_		more in o	diameter a
						BH and
			. ' -			
			. ~			ardless of
						,
						28 ft in
	 -					
70	= Total Cove	er		Drocont2 \	/os / N	
			nyuropriyuc vegetation i	riesent: 1	es IV	·
	= Total Cove	er				
	7 5 3 	7 Yes 5 Yes 3 Yes 15 = Total Cov 50 Yes 15 Yes 5 No	7	Total % Cover of OBL species FACW species FAC species FACU species FACU species FACU species UPL species UPL species Column Totals Prevalence Inde Hydrophytic Vegetation Ir 1- Rapid Test for Hyd 2 - Dominance Test i 3 - Prevalence Index 4 - Morphological Addata in Remarks or on a separate years and the present, unless disturbed present, unless disturbed present, unless disturbed present, unless disturbed present han or equal to 3 Herb - All herbaceous (nc size, and woody plants less woody vines - All woody in height.	Total % Cover of: OBL species	Total % Cover of: Total % Cover of: Multiply

Profile Des	cription: (Describe Matrix	to the d	epth needed to do Redox			indicato	r or confirm the	absence of indicators.)
(inches)	Color (moist)	%	Color (moist)		Type ¹	Loc ²	Texture	e Remarks
0 - 7	10YR 3/3	100	Color (moist)		Турс		Silt Loar	
7 - 16	10YR 4/4	100		_		-	Silt Loar	
7-10	10114/4	100		_			Silt Loai	<u> </u>
	•			_			-	·
				_				
				_				
				_				
				_				
				_				
				_				
				_				
¹Tvpe: C = 0	Concentration, D =	Depletic	n. RM = Reduced	Mati	rix, MS =	Masked	Sand Grains. 2	Location: PL = Pore Lining, M = Matrix.
Hydric Soil			,		,			Indicators for Problematic Hydric Soils ³ :
Histoso			Polyvalue Bel	0W S	urface (9	(8) (I RR	R MIRA 149R)	·
	oipedon (A2)		Thin Dark Sur					2 cm Muck (A10) (LRR K, L, MLRA 149B)
	istic (A3)		Loamy Mucky					Coast Prairie Redox (A16) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gleyed			(=::::-,	-,	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
	d Layers (A5)		Depleted Mat					Dark Surface (S7) (LRR K, L)
	d Below Dark Surf	ace (A11						Polyvalue Below Surface (S8) (LRR K, L)
	ark Surface (A12)	•	Depleted Dar)		Thin Dark Surface (S9) (LRR K, L)
Sandy N	Mucky Mineral (S1)		Redox Depres	ssior	ıs (F8)			Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy 0	Gleyed Matrix (S4)							Piedmont Floodplain Soils (F19) (MLRA 149B)
_	Redox (S5)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
_	d Matrix (S6)							Red Parent Material (F21)
	urface (S7) (LRR R, N	ΛΙ Ρ Δ 1Λ	OR)					Very Shallow Dark Surface (TF12)
Dark 30	irrace (57) (ERR IC, I	VILION 14.	JU)					Other (Explain in Remarks)
3Indicators	of hydrophytic veg	getation	and wetland hydr	olog	y must b	e preser	nt, unless disturb	ed or problematic.
Restrictive	Layer (if observed)	:						
	Type:		None			Hydric	Soil Present?	Yes No⁄_
	Depth (inches):					1		<u> </u>
Remarks:	э сран (птеттез);							
Kemarks.								

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	ron, Schoharie County	Samplii	ng Date: 2018-May-21		
Applicant/Owner: NextEra		State: Nev	v York Sampling	Point: W-AJF-08; PFO-1		
Investigator(s): Anthony Froon	jian, VNM, KAT	Section, Township,	Range:			
Landform (hillslope, terrace, etc.):	: Swamp	Local relief (concave, conv	ex, none): None	Slope (%): 0-1		
Subregion (LRR or MLRA): M	ILRA 101 of LRR L	Lat: 42.7814598	Long: -74.5609	892 Datum: WGS84		
Soil Map Unit Name: Madalin s	silt loam, over till (Ma)		NW	l classification: None		
Are climatic/hydrologic conditions	s on the site typical for this time of ye	ar? Yes <u></u> ✓ No	(If no, explain	in Remarks.)		
Are Vegetation, Soil,	or Hydrology significantly dis		al Circumstances" pr	resent? Yes 🟒 No		
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed,	explain any answers	s in Remarks.)		
SUMMARY OF FINDINGS – A	ttach site map showing samplir	ng point locations, trai	nsects, important	: features, etc.		
Hydrophytic Vegetation Present?	Yes _ ✓ _ No					
Hydric Soil Present?	Yes No	Is the Sampled Area withi	n a Wetland?	Yes No		
Wetland Hydrology Present?		If yes, optional Wetland S		W-A JF-08		
	Yes _ ✓ No		ite ib.			
Remarks: (Explain alternative pro	ocedures here or in a separate report)				
TRC covertype is PFO.						
HYDROLOGY						
Walland Hadralan Jadiana						
Wetland Hydrology Indicators:	and in many impals the also all the at any least		Casamalamalandiasta	us (usining us of the us us serios d)		
•	one is required; check all that apply)		-	rs (minimum of two required)		
Surface Water (A1)	Water-Stained Lea		Surface Soil Crad			
✓ High Water Table (A2)	Aquatic Fauna (B1		Moss Trim Lines			
Saturation (A3) Water Marks (B1)	Marl Deposits (B1: Hydrogen Sulfide		Dry-Season Water Table (C2)			
Sediment Deposits (B2)		neres on Living Roots (C3)	G (1 B (60)			
seament beposits (b2)	Oxidized Kilizospi	icres on Elving Roots (es)	Saturation Visib	le on Aerial Imagery (C9)		
Drift Deposits (B3)	Presence of Reduc	ced Iron (C4)	Stunted or Stres	ssed Plants (D1)		
Algal Mat or Crust (B4)	Recent Iron Reduc	ction in Tilled Soils (C6)	Geomorphic Pos	sition (D2)		
Iron Deposits (B5)	Thin Muck Surface	e (C7)	Shallow Aquitar	d (D3)		
<u> ✓</u> Inundation Visible on Aerial II		Remarks)	Microtopograph			
Sparsely Vegetated Concave S	Surface (B8)		<u>✓</u> FAC-Neutral Tes	t (D5)		
Field Observations:						
Surface Water Present?	Yes No <u></u> Depth	(inches):				
Water Table Present?	Yes 🔽 No Depth	(inches): 5	Wetland Hydrology	Present? Yes No		
Saturation Present?	Yes 🟒 No Depth	(inches): 0				
(includes capillary fringe)						
Describe Recorded Data (stream	gauge, monitoring well, aerial photos	s, previous inspections), if	available:			
Remarks:						

Tree Stratum (Plot size: <u>30 ft</u>)		Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That	5	(A)
. Acer rubrum	20	Yes	FAC	Are OBL, FACW, or FAC:		(A)
. Ulmus americana	12	Yes	FACW	Total Number of Dominant Species Across All Strata:	5	(B)
3. 				Percent of Dominant Species That Are OBL, FACW, or FAC:	100	(A/B)
5.				Prevalence Index worksheet:	-	
j				Total % Cover of:	Multiply B	v:
'				OBL species 6	x 1 =	- 6
	32	= Total Cov	er	FACW species 147	x 2 =	294
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species 35	x 3 =	105
. Salix discolor	45	Yes	FACW	FACU species 0	x 4 =	0
. Cornus alba	30	Yes	FACW	UPL species 0	x5=	0
3. Cornus racemosa	10	No	FAC	Column Totals 188	-	405 (B)
I. Viburnum lentago	5	No	FAC		(A)	403 (b)
·				Prevalence Index = B/A =		
				Hydrophytic Vegetation Indicators:		
7.				1- Rapid Test for Hydrophytic	Vegetation	
	90	= Total Cov	or	2 - Dominance Test is >50%		
lorb Stratum (Blot cizes E.ft.)		10tai Cov	CI	\checkmark 3 - Prevalence Index is ≤ 3.0 ¹		
Herb Stratum (Plot size:5 ft)	60	Vos	EACW.	4 - Morphological Adaptation	s¹ (Provide s	upporting
. Onoclea sensibilis		Yes	FACW	data in Remarks or on a separate s	heet)	
2. Juncus effusus	5	No	OBL	Problematic Hydrophytic Veg	etation¹ (Exp	lain)
3. Lythrum salicaria	1	No	OBL	Indicators of hydric soil and wetla	nd hydrolog	y must be
ł				present, unless disturbed or proble	ematic	
5				Definitions of Vegetation Strata:		
5				Tree – Woody plants 3 in. (7.6 cm)	or more in di	ameter a
7.				breast height (DBH), regardless of		
3.				Sapling/shrub – Woody plants less		3H and
				greater than or equal to 3.28 ft (1 r		
				Herb – All herbaceous (non-woody) plants, rega	ardless of
11				size, and woody plants less than 3.		
				Woody vines - All woody vines gre	ater than 3.2	8 ft in
2				height.		
	66	_= Total Cov	er	Hydrophytic Vegetation Present?	Vac / Na	,
Noody Vine Stratum (Plot size: 30 ft)				Trydrophydd Vegetadoi'r resent.	103110	<i>'</i> —
				.		
•						
				.		
2						
2.						

	-	to the	-			indicato	r or confirm the a	bsence of indicators.)
Depth	Matrix Color (moist)	04	Redo:			1002	Texture	Domarke
(inches)		<u>%</u>	Color (moist)	<u>%</u>	Type¹	Loc ²	-	Remarks
0 - 7	2.5Y 3/1	80	10YR 4/6	20	C	<u>M</u>	Silt	
7 - 16	2.5Y 6/1	80	7.5YR 6/6	20		M	Silt	
	-	- —						
	-	- —						
	-							
		- —			-			
	-							
		- —						
		_ —				 .		 ,
	Concentration, D =	Deplet	ion, RM = Reduce	d Mat	rıx, MS =	Masked	Sand Grains. ² L	ocation: PL = Pore Lining, M = Matrix.
Hydric Soil								Indicators for Problematic Hydric Soils ³ :
Histoso			-				R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
	pipedon (A2) istic (A3)		Thin Dark Si Loamy Muc					Coast Prairie Redox (A16) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gley	-		(LKK K, I	L)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
	ed Layers (A5)		Depleted M					Dark Surface (S7) (LRR K, L)
	ed Below Dark Surfa	ace (A1						Polyvalue Below Surface (S8) (LRR K, L)
Thick D	ark Surface (A12)		Depleted Da	ırk Su	rface (F7)		Thin Dark Surface (S9) (LRR K, L)
Sandy N	Mucky Mineral (S1)		Redox Depr	essior	ns (F8)			Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy (Gleyed Matrix (S4)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy F	Redox (S5)							Red Parent Material (F21)
Strippe	d Matrix (S6)							Very Shallow Dark Surface (TF12)
Dark Su	ırface (S7) (LRR R, N	ILRA 1	49B)					Other (Explain in Remarks)
3Indicators	of hydrophytic veg	etation	and wetland hvo	Irolog	v must h	e nreser	nt unless disturbe	
	Layer (if observed):		runa wedana nye	0.08	y mast b	Preser	ity arriess distar se	or problematic.
	Type:		None			Hydric	Soil Present?	Yes/_ No
	Depth (inches):			•				
Remarks:		,				ı		

Photo of Sample Plot



Project/Site: East Point		City/County:_ Sha	ron, Schoharie County		Sampling Date: 20	18-May-21	
Applicant/Owner: NextEra			State: Nev	w York Sa	mpling Point: W-A	JF-08; UPL-1	
Investigator(s): Anthony Froo	njian, VNM, KAT		Section, Township,	, Range:			
Landform (hillslope, terrace, etc.	.): toe		Local relief (concave, conv	vex, none): Co	onvex	Slope (%): 30-35	
Subregion (LRR or MLRA):	MLRA 101 of LRR L		Lat: 42.7815261	Long:7	4.5609252	Datum: WGS84	
Soil Map Unit Name: Nunda	hannery silt loam,	10 to 20% slopes, e	roded (NdC3)		NWI classificatio	n: None	
Are climatic/hydrologic condition	ns on the site typica	al for this time of ye	ear? Yes 🟒 No) (If no, e	explain in Remarks.)	i	
Are Vegetation, Soil,	or Hydrology ₋	significantly di	sturbed? Are "Norm	al Circumstan	nces" present?	Yes No	
Are Vegetation, Soil,	or Hydrology ₋	naturally prob	lematic? (If needed,	, explain any a	answers in Remarks)	
SUMMARY OF FINDINGS -	Attach site map	showing sampli	ng point locations, tra	nsects, imp	ortant features,	etc.	
Hydrophytic Vegetation Presen	t? Yes	No _ _ _					
Hydric Soil Present?		No	Is the Sampled Area with	in a Wetland?	Vo	s No⁄_	
			· ·		ie.	,140	
Wetland Hydrology Present?	· · · · · · · · · · · · · · · · · · ·	No ∠	If yes, optional Wetland S	Site ID:			
Remarks: (Explain alternative p	rocedures here or i	n a separate report)				
TRC covertype is UPL.							
LIVEROLOGY							
HYDROLOGY							
Wetland Hydrology Indicators:							
Primary Indicators (minimum o	f one is required; c	heck all that apply)		Secondary Ir	ndicators (minimum	of two required)	
Surface Water (A1)	•	_ Water-Stained Le	aves (R9)	Surface S	Soil Cracks (B6)	•	
High Water Table (A2)		_ Aquatic Fauna (B´		Drainage	Patterns (B10)		
Saturation (A3)		_ Marl Deposits (B1		Moss Trim Lines (B16)			
Water Marks (B1)	_	Hydrogen Sulfide	Odor (C1)	Dry-Season Water Table (C2)			
Sediment Deposits (B2)	_	_ Oxidized Rhizosp	heres on Living Roots (C3)	Crayfish Burrows (C8)			
•				Saturatio	on Visible on Aerial I	magery (C9)	
Drift Deposits (B3)	_	_ Presence of Redu	ced Iron (C4)	Stunted o	or Stressed Plants (I	D1)	
Algal Mat or Crust (B4)	_	_	ction in Tilled Soils (C6)	Geomorphic Position (D2)			
Iron Deposits (B5)		_ Thin Muck Surfac	` '	Shallow Aquitard (D3)			
Inundation Visible on Aerial	J ,	_ Other (Explain in	Remarks)		oographic Relief (D4)	
Sparsely Vegetated Concave	: Surface (B8)			FAC-Neu	tral Test (D5)	_	
Field Observations:							
Surface Water Present?	Yes No _	•	(inches):	_			
Water Table Present?	Yes No _	<u>✓</u> Depth	(inches):	Wetland Hyd	drology Present?	Yes No	
Saturation Present?	Yes No _	<u>✓</u> Depth	(inches):				
(includes capillary fringe)				_			
Describe Recorded Data (stream	m gauge monitorir	g well aerial nhoto	s previous inspections) if	available:			
2000.000 1.000.000 2000 (50.00.	80080,	.g, aca. pa.a	s, p. e				
Remarks:							

				<u> </u>			
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)		Dominant		Dominance Test worksheet			
	% Cover	Species?	Status	Number of Dominant Spec	ies That	0	(A)
1				Are OBL, FACW, or FAC:	_		
2				Total Number of Dominant	Species	1	(B)
3				Across All Strata:			
4.				Percent of Dominant Speci	es inat	0	(A/B)
5.				Are OBL, FACW, or FAC:			
6.				Prevalence Index workshee			_
7.				Total % Cover of:		<u>Multiply</u>	-
		= Total Cove	er .	OBL species		x 1 =	0
Sapling/Shrub Stratum (Plot size:15 ft)		-		FACW species	0	x 2 =	0
1				FAC species	5	x 3 =	15
2.				FACU species	22	x 4 =	88
-				UPL species	0	x 5 =	0
3.				Column Totals	27	(A)	103 (B)
4				Prevalence Index	c = B/A = _	3.8	_
5				Hydrophytic Vegetation Inc			
6.				1- Rapid Test for Hydr		egetation	1
7				2 - Dominance Test is		-Betat.e.	
	0	= Total Cove	er	3 - Prevalence Index is			
Herb Stratum (Plot size:25 ft. Transect)				4 - Morphological Ada		(Provide	supporting
1. Senecio hieraciifolius	15	Yes	FACU	data in Remarks or on a se			supporting
2. Barbarea vulgaris	5	No	FAC	Problematic Hydroph	•		vnlain)
3. Plantago major	5	No	FACU	¹Indicators of hydric soil an	-		•
4. Euphrasia stricta	2	No	FACU	present, unless disturbed of			gy must be
5.				Definitions of Vegetation St		idele	-
6.				Tree – Woody plants 3 in. (7		more in	diameter at
7.				breast height (DBH), regard			ularrieter at
8.				Sapling/shrub – Woody pla			DBH and
9.				greater than or equal to 3.2			DBITAIIG
40				Herb – All herbaceous (nor			gardless of
10				size, and woody plants less			gai aicss oi
11				Woody vines – All woody vi			28 ft in
12				height.	ines greate	or than 5	20 10 111
	27	_= Total Cove	er				
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation Pr	esent? Ye	es r	NO <u>7</u>
1							
2.							
3.							
4.							
	0	= Total Cove	er				
Demonstrat (Inches of a photo membrane house or an analysis		_					
Remarks: (Include photo numbers here or on a sepa	rate sneet.)						

	-	to the de	-			indicato	r or confirm the ab	osence of indicators.)
Depth	Matrix		Redox			12	T	Develop
(inches)	Color (moist)		Color (moist)	<u>%</u>	Type ¹	Loc ²	Texture	Remarks
0 - 6	10YR 3/4	100		_			Silt Loam	
6 - 18	10YR 3/3	100		_			Silt Loam	Ap horizon
				-				
				_				
				_				
				_		-		
				_				
				_				
				_				
¹Type: C = 0	Concentration, D =	Depletic	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	* *		-				R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
	pipedon (A2)		Thin Dark Su					Coast Prairie Redox (A16) (LRR K, L, R)
	istic (A3)		Loamy Muck			(LRR K,	L)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gleye					Dark Surface (S7) (LRR K, L)
	ed Layers (A5)	(Depleted Ma					Polyvalue Below Surface (S8) (LRR K, L)
	ed Below Dark Surfa ark Surface (A12)	ace (ATT	Depleted Dark			`		Thin Dark Surface (S9) (LRR K, L)
	Mucky Mineral (S1)		Redox Depre			,		Iron-Manganese Masses (F12) (LRR K, L, R)
	Gleyed Matrix (S4)		Redox Bepre	33101	13 (1 0)			Piedmont Floodplain Soils (F19) (MLRA 149B)
-	Redox (S5)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
-	d Matrix (S6)							Red Parent Material (F21)
	urface (S7) (LRR R, N	ΛΙ RΔ 140	OR)					Very Shallow Dark Surface (TF12)
Dark 30	11 Idee (37) (ERR 14, 11	VILIO (I -	,,					Other (Explain in Remarks)
-	of hydrophytic veg		and wetland hydr	olog	y must b	e preser	nt, unless disturbed	d or problematic.
Restrictive	Layer (if observed)	:						
	Type:	-	None			Hydric	Soil Present?	Yes No _ <u>_</u> ✓_
	Depth (inches):							
Remarks:								
İ								
İ								
Ì								

Photo of Sample Plot



Project/Site: East Point	City/County: Sharon, Scho	harie County	Sampling Date: 20	18-Aug-09		
Applicant/Owner: NextEra		State: New York	Sampling Point: W-A	JF-8; PEM-2		
Investigator(s): Connor Liddell, Kaylee Townsend	Se	ection, Township, Range:				
Landform (hillslope, terrace, etc.): Depression	Local reli	ief (concave, convex, none)	: Concave	Slope (%): 2-5		
Subregion (LRR or MLRA): LRR L	La	at: 42.7792312 Long	: -74.5602775	Datum:WGS84		
Soil Map Unit Name: DeB- Darien Silt Loam, 2-8%	slopes		NWI classification			
Are climatic/hydrologic conditions on the site typical	-		no, explain in Remarks.)	1		
	significantly disturbed?	Are "Normal Circum	·	Yes No		
Are Vegetation, Soil, or Hydrology _	naturally problematic?	(If needed, explain a	ny answers in Remarks	i.)		
SUMMARY OF FINDINGS – Attach site map s	showing sampling point	: locations, transects, i	mportant features,	etc.		
Hydrophytic Vegetation Present? Yes	✓_ No					
Hydric Soil Present? Yes _	✓_ No Is the Sa	mpled Area within a Wetla	nd? Yes	No		
Wetland Hydrology Present? Yes	∠ No If yes, or	otional Wetland Site ID:	W-A	AJF-8		
Remarks: (Explain alternative procedures here or in				<u> </u>		
TRC covertype is PEM. Area is wetland, all three wet	tland parameters are preser	nt.				
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; ch	neck all that apply)	Seconda	ry Indicators (minimum	of two required)		
			rce Soil Cracks (B6)	rortwo required)		
	Water-Stained Leaves (B9) Aquatic Fauna (B13)		nage Patterns (B10)			
	Marl Deposits (B15)		Moss Trim Lines (B16)			
	_ Hydrogen Sulfide Odor (C1)	Dry-9	Season Water Table (C2))		
	Oxidized Rhizospheres on I	Living Roots (C3) — Cray	fish Burrows (C8)			
·		Satur	ration Visible on Aerial I	magery (C9)		
· · · · · · · · · · · · · · · · · · ·	Presence of Reduced Iron (ted or Stressed Plants (D1)		
Algal Mat or Crust (B4)	Recent Iron Reduction in Ti		norphic Position (D2)			
·	Thin Muck Surface (C7) Other (Explain in Remarks)		ow Aquitard (D3) otopographic Relief (D4	1		
Sparsely Vegetated Concave Surface (B8)	Other (Explain in Kemarks)		Neutral Test (D5))		
Field Observations:			1041.4. 1051 (25)			
Surface Water Present? Yes ✓ No	Depth (inches):	1				
Water Table Present? Yes _✓_ No	•		Hydrology Present?	Yes No		
Saturation Present? Yes ✓ No		0	, a. 0.08) 000			
(includes capillary fringe)						
Describe Recorded Data (stream gauge, monitoring	well aerial photos previou	s incoections) if available:				
Describe Recorded Data (stream gauge, monitoring	; well, aeriai priotos, previou	is inspections), ii avaliable.				
Remarks:						
A positive indication of wetland hydrology was obse	erved (primary and seconda	ry indicators were present).			

<u> </u>	A la la - ta	D t	to di catao	Dominance Test worksheet		
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)		Dominant Species?	Status	Dominance Test worksheet: Number of Dominant Specie	c That	
4	% Cover	3pecies:	Status	Are OBL, FACW, or FAC:	2	(A)
1				Total Number of Dominant S	necies	
2.				Across All Strata:	2	(B)
3				Percent of Dominant Species	That	
4				- Are OBL, FACW, or FAC:	100	(A/B)
5				Prevalence Index worksheet:		
6				- Total % Cover of:	<u>Multiply</u>	By:
7				- OBL species 9		90
	0	_= Total Cov	er	FACW species 5		10
Sapling/Shrub Stratum (Plot size: 15 ft)				FAC species 3	 -	105
1				- FACU species 0	 -	0
2				- UPL species 0	 -	0
3				- Column Totals 13	 -	205 (B)
4.						203 (В)
5.				Prevalence Index =	···	
6.				Hydrophytic Vegetation Indic		
7.				1- Rapid Test for Hydro		1
· -	0	= Total Cov	er	2 - Dominance Test is >		
Herb Stratum (Plot size:5 ft)		_		3 - Prevalence Index is :		
1. Scirpus atrovirens	45	Yes	OBL	4 - Morphological Adap		supporting
2. Equisetum arvense	35	Yes	FAC	data in Remarks or on a sepa		
3. Lythrum salicaria	20	No	OBL	- Problematic Hydrophyt		
4. Typha angustifolia		No		¹Indicators of hydric soil and	,	gy must be
	15		OBL	present, unless disturbed or		
5. Carex crinita	10	No No	OBL	Definitions of Vegetation Stra		
6. <i>Onoclea sensibilis</i>	5	No	FACW	Tree - Woody plants 3 in. (7.6		diameter at
7				breast height (DBH), regardle	_	
8				Sapling/shrub - Woody plant		DBH and
9				greater than or equal to 3.28		
10				Herb – All herbaceous (non-v size, and woody plants less the		gardiess of
11						20 ft in
12				Woody vines – All woody vine height.	ss greater than 5	.20 11 111
	130	= Total Cov	er			
Woody Vine Stratum (Plot size:30 ft)				Hydrophytic Vegetation Pres	sent? Yes N	No
1						
2						
3.	·					
4.						
	0	= Total Cov	er	-		
Demonstrate the dead on the second control of the second control o	11					
Remarks: (Include photo numbers here or on a separate	e sneet.)					
A positive indication of hydrophytic vegetation was obse	erved (>50	0% of domin	ant species	indexed as OBL, FACW, or FAC).	

	cription: (Describe	to the	-			indicator	or confirm the ab	osence of indicat	tors.)
Depth	Matrix		Redox						
(inches)	Color (moist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	Loc ²	Textu		Remarks
0 - 10	2.5Y 3/1	95	7.5YR 4/6	5	C	PL	Silt Lo		
10 - 18	2.5Y 5/2	85	7.5YR 6/8	15	C	M	Silty Clay	/ Loam	
									·
	1								
	-								
				_					
1Typo: C = (Concontration D =		ion PM - Poduco	d Mat	riv MC -	Macked	Sand Grains 21	acation: DL = Don	to Lining M = Matrix
	Concentration, D =	Deplet	ion, Rivi – Reduce	u Mat	11X, IVIS –	Maskeu	Sanu Grains. *LC		re Lining, M = Matrix.
Hydric Soil						· 0\		indicators for F	Problematic Hydric Soils ³ :
Histoso							R, MLRA 149B)	2 cm Muck	(A10) (LRR K, L, MLRA 149B)
	pipedon (A2)		Thin Dark Su					Coast Prair	ie Redox (A16) (LRR K, L, R)
	istic (A3) en Sulfide (A4)		Loamy Muck Loamy Gleye	•		(LKK N, L)		y Peat or Peat (S3) (LRR K, L, R)
	ed Layers (A5)		Depleted Ma						ce (S7) (LRR K, L)
	ed Below Dark Surfa	ace (A1						-	Below Surface (S8) (LRR K, L)
	ark Surface (A12)	(/ 1.	Depleted Da)			Surface (S9) (LRR K, L)
	Mucky Mineral (S1)		Redox Depr						anese Masses (F12) (LRR K, L, R)
_	Gleyed Matrix (S4)		'		. ,				Floodplain Soils (F19) (MLRA 149B)
-	Redox (S5)								lic (TA6) (MLRA 144A, 145, 149B)
_	d Matrix (S6)							Red Parent	
	ırface (S7) (LRR R, N	II RA 1	49R)					-	w Dark Surface (TF12)
			.52,					Other (Expl	lain in Remarks)
	of hydrophytic veg		and wetland hyd	rolog	y must b	e presen	t, unless disturbe	d or problemation	<u>. </u>
Restrictive	Layer (if observed):								
	Type:		None			Hydric	Soil Present?		Yes No
	Depth (inches):								
Remarks:									
A positivo i	ndication of hydric	coil wa	ns observed						
A positive i	ridication of riguric	SOII WC	is observed.						

Project/Site: East Point	City/County: Shar	on, Schoharie County	Sampling Date	e: 2018-Aug-09
Applicant/Owner: NextEra		State: NY	Sampling Point:	W-AJF-8; PSS-4
Investigator(s): Connor Liddell, Kay	lee Townsend	Section, Township,	Range:	
Landform (hillslope, terrace, etc.):		Local relief (concave, conve	ex, none): Concave	Slope (%): 2-5
Subregion (LRR or MLRA): LRR L		Lat: 42.7789352	Long: -74.5628701	Datum: WGS84
Soil Map Unit Name: IIC- Illion and			NWI classif	
Are climatic/hydrologic conditions on			(If no, explain in Rem	
	or Hydrology significantly dis		al Circumstances" present?	
Are Vegetation, Soil, c	or Hydrology naturally probl	ematic? (If needed,	explain any answers in Rer	narks.)
SUMMARY OF FINDINGS – Attac	:h site map showing samplir	ng point locations, tran	sects, important featu	res, etc.
Hydrophytic Vegetation Present?	Yes No			
Hydric Soil Present?	Yes No	Is the Sampled Area withir	n a Wetland?	Yes/_ No
Wetland Hydrology Present?	Yes No	If yes, optional Wetland Si	te ID:	W-AJF-8
	· · · · · · · · · · · · · · · · · · ·			
Remarks: (Explain alternative proced	ures here or in a separate report,			
TRC covertype is PSS. Area is wetland	l, all three wetland parameters ar	e present.		
HYDROLOGY				
HYDROLOGY				
Wetland Hydrology Indicators:				
Primary Indicators (minimum of one	is required; check all that apply)		Secondary Indicators (min	imum of two required)
Surface Water (A1)	Water-Stained Lea	eves (B9)	Surface Soil Cracks (B6)
High Water Table (A2)	Aquatic Fauna (B1		Drainage Patterns (B10))
✓ Saturation (A3)	Marl Deposits (B1	5)	Moss Trim Lines (B16)	
Water Marks (B1)	Hydrogen Sulfide	Odor (C1)	Dry-Season Water Tabl	e (C2)
Sediment Deposits (B2)	Oxidized Rhizosph	neres on Living Roots (C3)	Crayfish Burrows (C8)	
			Saturation Visible on A	3 ,
Drift Deposits (B3)	<u></u> Presence of Reduc		Stunted or Stressed Pla	
Algal Mat or Crust (B4)			✓ Geomorphic Position (I	<i>J</i> 2)
Iron Deposits (B5)	Thin Muck Surface		Shallow Aquitard (D3)	of (D.4)
Inundation Visible on Aerial Image Sparsely Vegetated Concave Surfa		Remarks)	✓ Microtopographic Relied ✓ FAC-Neutral Test (D5)	:I (D4)
	ace (Bo)		<u>✓ FAC-Neutral Test (D5)</u>	
Field Observations:	/aa Na (Danth	(i.e.ele.e.e.).		
	·	(inches):		
Water Table Present?	/es No <u></u> Depth	(inches):	Wetland Hydrology Preser	nt? Yes No
Saturation Present?	res No Depth	(inches): 7		
(includes capillary fringe)				
Describe Recorded Data (stream gau	ge, monitoring well, aerial photo:	s, previous inspections), if a	vailable:	
Remarks:				
A positive indication of water devices	ology was observed (a size a size a	cocondany indicate as	nrocent)	
A positive indication of wetland hydro	ology was observed (primary and	secondary indicators were	present).	

Tree Street up (Diet sine) 20 ft	Absolute	Dominant	Indicator	Dominance Test worksheet:		
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)	% Cover	Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC:	5	(A)
1.				Total Number of Dominant Species		
2.				Across All Strata:	5	(B)
3.				Percent of Dominant Species That	400	
4.				Are OBL, FACW, or FAC:	100	(A/B)
5				Prevalence Index worksheet:		
6.				Total % Cover of:	Multiply	<u>Ву:</u>
7				OBL species 15	x 1 =	15
	0	= Total Cov	ver	FACW species 100	x 2 =	200
Sapling/Shrub Stratum (Plot size: 15 ft)				FAC species 40	x 3 =	120
1. Salix bebbiana	30	Yes	FACW	FACU species 0	x 4 =	0
2. <i>Cornus amomum</i>	25	Yes	FACW	UPL species 0	x 5 =	0
3. <i>Viburnum lentago</i>	15	Yes	FAC	Column Totals 155	(A)	335 (B)
4				Prevalence Index = B/A =	-	(=)
5						
6				Hydrophytic Vegetation Indicators:	/t-ti	
7.				1- Rapid Test for Hydrophytic \	regetation	
	70	= Total Cov	ver	2 - Dominance Test is >50%		
Herb Stratum (Plot size:5 ft)		_		\checkmark 3 - Prevalence Index is $\le 3.0^{\circ}$	1 (5	
1. Phalaris arundinacea	45	Yes	FACW	4 - Morphological Adaptations		supporting
2. Euthamia graminifolia	25	Yes	FAC	data in Remarks or on a separate sh Problematic Hydrophytic Vege		nlain)
3. <i>Lythrum salicaria</i>	15	No	OBL	, , ,	•	
4.				¹ Indicators of hydric soil and wetlan present, unless disturbed or proble	,	gy must be
5.				Definitions of Vegetation Strata:	matic	
6.				Tree – Woody plants 3 in. (7.6 cm) o	r moro in a	liameter at
7.				breast height (DBH), regardless of h		nameter at
8.				Sapling/shrub – Woody plants less t	_	NRH and
9.				greater than or equal to 3.28 ft (1 m		, Di l'alla
				Herb – All herbaceous (non-woody)		ardless of
10.				size, and woody plants less than 3.2		,a. a.e o.
11.				Woody vines – All woody vines grea		28 ft in
12				height.		
	85	= Total Cov	/er	Hydrophytic Vegetation Present?	Ves / N	n
Woody Vine Stratum (Plot size: 30 ft)				Trydrophyde Vegetadom Tesent.	1031	<u> </u>
1						
2						
3						
4						
	0	= Total Co	ver .			
Remarks: (Include photo numbers here or on a separat	e sheet.)					
The manual (manual prior of manual prior of on a superact						
A positive indication of hydrophytic vegetation was abo	anyad (\E	106 of domi-	nant enocies	indexed as ORL EACIN or EAC		
A positive indication of hydrophytic vegetation was obs	erved (>50	טייט טו מטוחווי מייט	iant species	indexed as ODL, FACW, OF FAC).		

Profile Des Depth	cription: (Describe Matrix	to the d	lepth needed to o Redox			ndicator	r or confirm the ab	sence of indicators.)
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	ire Remarks
0 - 5	10YR 3/2	100					Silt Lo	
5 - 16	2.5Y 4/2	85	7.5YR 6/8	15		M	Silty Clay	
				_				
				_				
¹Type: C = 0	Concentration, D =	Depleti	on, RM = Reduced	d Mati	rix, MS =	Masked	Sand Grains. ² Lo	ocation: PL = Pore Lining, M = Matrix.
Hydric Soil	Indicators:							Indicators for Problematic Hydric Soils ³ :
Histoso							R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
	pipedon (A2)		Thin Dark Su					Coast Prairie Redox (A16) (LRR K, L, R)
	istic (A3)		Loamy Muck	-		(LRR K, I	_)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
	en Sulfide (A4) ed Layers (A5)		Loamy Gleye					Dark Surface (S7) (LRR K, L)
	ed Layers (A5) ed Below Dark Surf	face (A11	Depleted Ma 1) Redox Dark					Polyvalue Below Surface (S8) (LRR K, L)
	ark Surface (A12)	acc (/ tr	Depleted Da			ı		Thin Dark Surface (S9) (LRR K, L)
	Mucky Mineral (S1)		Redox Depre					Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy (Gleyed Matrix (S4)							Piedmont Floodplain Soils (F19) (MLRA 149B)
-	Redox (S5)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
-	d Matrix (S6)							Red Parent Material (F21)
Dark Su	ırface (S7) (LRR R, I	MLRA 14	19B)					Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
31	- 6 h							
	Layer (if observed)		and Wetland nyd	rolog	y must be	e presen	t, unless disturbed	or problematic.
resu reuve	Type:	,.	None			Hvdric	Soil Present?	Yes _ ✓_ No
	Depth (inches):	-	Home	-		l'iyane	Jon 1 reserve.	163 <u>-y</u> 110 <u> </u>
Remarks:	Deptir (inches).					1		·
Kerriai Ks.								
A nositiva i	ndication of hydric	- soil wa	s observed					
A positive i	rialcation of rigarit	. Son wa.	3 Observed.					

Project/Site: East Point	City/County: Sharon Springs, Schoharie Cou	unty Sampling Date:	2018-Aug-09
Applicant/Owner: NextEra	State: Ne	w York Sampling Point: \	N-AJF-8; PUB-3
Investigator(s): Connor Liddell, Kaylee Townsend	Section, Township	Range:	
Landform (hillslope, terrace, etc.): Depression	Local relief (concave, con	/ex, none): Concave	Slope (%): 0-1
Subregion (LRR or MLRA): LRR L	Lat: 42.7812598	Long: -74.5510357	Datum: WGS84
Soil Map Unit Name: NdC3- Nunda Channery Silt		NWI classific	
Are climatic/hydrologic conditions on the site typical		(If no, explain in Rema	rks.)
	-	al Circumstances" present?	Yes No
Are Vegetation, Soil, or Hydrology _	naturally problematic? (If needed	explain any answers in Rem	arks.)
SUMMARY OF FINDINGS – Attach site map s	howing sampling point locations, tra	nsects. important featur	es. etc.
	∠ No		,
	∠_ No Is the Sampled Area with	in a Wetland?	Yes No
	∠ No If yes, optional Wetland S	ite ID:	W-AJF-8
Remarks: (Explain alternative procedures here or in			1171JI 0
TRC covertype is PUB. Area is wetland, all three wet	land parameters are present.		
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; ch	eck all that apply)	Secondary Indicators (minin	num of two required)
Surface Water (A1)	Water-Stained Leaves (B9)	Surface Soil Cracks (B6)	
	Aquatic Fauna (B13)	✓ Drainage Patterns (B10)	
	Marl Deposits (B15)	Moss Trim Lines (B16)	(63)
Water Marks (B1)	Hydrogen Sulfide Odor (C1)	✓ Dry-Season Water Table	(C2)
Sediment Deposits (B2)	Oxidized Rhizospheres on Living Roots (C3)	✓ Saturation Visible on Aer	rial Imagery (C9)
Drift Deposits (B3)	Presence of Reduced Iron (C4)	Stunted or Stressed Plan	3 ,
Algal Mat or Crust (B4)	Recent Iron Reduction in Tilled Soils (C6)	Stanted of Stressed Flan Geomorphic Position (D2	
	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 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 gauge, monitoring	well, aerial photos, previous inspections), if	available:	
Remarks:			
A positive indication of wetland hydrology was obse	erved (primary and secondary indicators wer	e present).	

Tree Stratum (Plot size:30 ft)	Absolute	Dominant	Indicator	Dominance Test worksheet:		
1.	% Cover	Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC:	1	(A)
2.				Total Number of Dominant Species	1	(B)
3				Across All Strata: Percent of Dominant Species That		
4.				- Are OBL, FACW, or FAC:	100	(A/B)
5			-	Prevalence Index worksheet:		
6.				Total % Cover of:	Multiply E	<u>Ву:</u>
7				OBL species 80	x 1 =	80
S 15 (S) (S) (B) (15 (S))	0	= Total Co	ver	FACW species 25	x 2 =	50
Sapling/Shrub Stratum (Plot size: 15 ft)				FAC species 0	x 3 =	0
1.				FACU species 0	x 4 =	0
2.				UPL species 0	x 5 =	0
3.				- Column Totals 105	(A)	130 (B)
4.			-	Prevalence Index = B/A =	1.2	
5				Hydrophytic Vegetation Indicators:		
6.			-	1- Rapid Test for Hydrophytic \	/egetation	
7				2 - Dominance Test is >50%	J	
	0	_= Total Co	ver	\checkmark 3 - Prevalence Index is \le 3.0 ¹		
Herb Stratum (Plot size: <u>5 ft</u>)		.,		4 - Morphological Adaptations	1 (Provide s	supporting
1. Eleocharis palustris	70	Yes	OBL	data in Remarks or on a separate sh	neet)	
2. Onoclea sensibilis	15	No	FACW	Problematic Hydrophytic Vege	tation¹ (Ex _l	olain)
3. <i>Phalaris arundinacea</i>	10	No	FACW	 Indicators of hydric soil and wetlan 	d hydrolog	y must be
4. Lemna minor	10	No	OBL	_ present, unless disturbed or proble	matic	
5				_ Definitions of Vegetation Strata:		
6				Tree – Woody plants 3 in. (7.6 cm) or		liameter at
7				breast height (DBH), regardless of h		
8				Sapling/shrub – Woody plants less t		BH and
9				greater than or equal to 3.28 ft (1 m		
10				Herb – All herbaceous (non-woody)		ardless of
11				size, and woody plants less than 3.2		20 ft in
12				Woody vines – All woody vines greathheight.	ter triair 5	20 11 111
	105	= Total Co	ver		, , , , , ,	
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation Present?	res IN	0
1				_		
2				_		
3.				_		
4				_		
	0	= Total Co	ver			
Remarks: (Include photo numbers here or on a separat	e sheet.)			,		
A positive indication of hydrophytic vegetation was obs	erved (>5()% of domi	nant snecies	s indexed as OBL FACW or FAC		
7. positive indication of flydrophlytic vegetation was obs	c. veu (~30	on donin	nant species	Sindered as ODE, I ACVV, OF FACJ.		

Depth (inches) Color (moist) 0 - 12 10YR 3/2 10YR 3/2 11Ype: C = Concentration, D Hydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Su Thick Dark Surface (A12) Sandy Mucky Mineral (S' Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R) Indicators of hydrophytic v Restrictive Layer (if observer Type: Depth (inches): Remarks:	t) <u></u> %		edox Fea		Loc ²	Texture		Remarks	
1Type: C = Concentration, D Hydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Black Histic (A3) ✓ Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Su Thick Dark Surface (A12) Sandy Mucky Mineral (S¹ Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R ³Indicators of hydrophytic v Restrictive Layer (if observe Type: Depth (inches):		· 				Texture		Remarks	
Hydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Y Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Su Thick Dark Surface (A12) Sandy Mucky Mineral (S- Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R- 3Indicators of hydrophytic v Restrictive Layer (if observe- Type: Depth (inches):		· - 			<u> </u>	Mucky Silty Clay Loam		Saturated and hydrogen sulfide smell	
Hydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Y Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Su Thick Dark Surface (A12) Sandy Mucky Mineral (S' Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R) Indicators of hydrophytic v Restrictive Layer (if observe Type: Depth (inches):			 						
Hydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Black Histic (A3) ✓ Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Su Thick Dark Surface (A12) Sandy Mucky Mineral (S¹ Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR Reladicators of hydrophytic versications) Restrictive Layer (if observersications)	 		 						
Hydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Y Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Su Thick Dark Surface (A12) Sandy Mucky Mineral (S- Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R- Bindicators of hydrophytic value (Sander) Restrictive Layer (if observe Type: Depth (inches):		Danistian DM Dani		NAC		Sand Carina 31	ti DI	Daniel Links M. Matrix	
Histosol (A1) Histic Epipedon (A2) Black Histic (A3) ✓ Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Su Thick Dark Surface (A12) Sandy Mucky Mineral (S' Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R Blindicators of hydrophytic v Restrictive Layer (if observe Type: Depth (inches):) = Deple	Depletion, RM = Red	uced Mat	rix, MS =	Masked	Sand Grains. ² Lo		= Pore Lining, M = Matrix. s for Problematic Hydric Soils ³ :	
Restrictive Layer (if observe Type: Depth (inches):	2) S1) S4) R, MLRA 1	Thin DaLoamy !Loamy !Deplete ace (A11)Redox E DepleteRedox E	rk Surface Mucky Mir Gleyed Ma d Matrix (Dark Surfa d Dark Su Depression	e (S9) (LRF neral (F1) atrix (F2) F3) ce (F6) rface (F7 ns (F8)	R R, MLRR (LRR K, I	L)	Coast 5 cm Dark Polyv Thin I Iron-N Piedn Mesic Red P Very S	Muck (A10) (LRR K, L, MLRA 149B) E 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) mont Floodplain Soils (F19) (MLRA 149B) E Spodic (TA6) (MLRA 144A, 145, 149B) Parent Material (F21) Shallow Dark Surface (TF12) or (Explain in Remarks)	
Type: Depth (inches):			riyarolog	y masc b	- preser	it, arriess distarbe	a or proble	indic.	
		None			Hydric	Soil Present?	,	Yes No	
kemarks:	<u> </u>								
A positive indication of hydr	dric soil w	soil was observed.							

Project/Site: East Point	City/Count	: Sharon, Schoharie County	Sampling Date: 20	Sampling Date: 2018-Aug-09			
Applicant/Owner: NextEra		State: Nev	w York Sampling Point: W-A	JF-8; UPL-2			
Investigator(s): Connor Liddell	, Kaylee Townsend	Section, Township,	Range:	_			
Landform (hillslope, terrace, etc.	/ex, none): Flat	Slope (%): 2-5					
Subregion (LRR or MLRA):	.RR L	 Lat: 42.7792116	Long: -74.5603284	Datum: WGS84			
Soil Map Unit Name: DeB- Date	rien Silt Loam, 2-8% slopes		NWI classification	n: Non-Wetland			
Are climatic/hydrologic condition	s on the site typical for this tim	e of year? Yes _ 🗸 No	 (If no, explain in Remarks.))			
Are Vegetation, Soil _ _ ,	or Hydrology significa	-	al Circumstances" present?	Yes No			
Are Vegetation <u></u> ✓, Soil,	or Hydrology naturall		explain any answers in Remarks				
_							
SUMMARY OF FINDINGS – A	Attach site man showing s	ampling point locations trai	nsects important features	etc			
SOMMAKI OF THE HUBBLE STATE			nisects, important reatures,	etc.			
Hydrophytic Vegetation Present	? Yes No _ _ /						
Hydric Soil Present?	Yes No _ _ /	Is the Sampled Area withi	n a Wetland? Ye	s No⁄_			
Wetland Hydrology Present?	Yes No	If yes, optional Wetland S	ite ID:				
Remarks: (Explain alternative pr		report)					
Remarks. (Explain alternative pr	becauses here of in a separate	Терогу					
TRC covertype is UPL. Area is up	land, not all three wetland par	ameters are present. Active agrici	ulture field.				
HADBOLOCA							
HYDROLOGY							
Wetland Hydrology Indicators:							
Primary Indicators (minimum of	one is required; check all that	apply)	Secondary Indicators (minimun	n of two required)			
Surface Water (A1)	Water-Stair	ned Leaves (B9)	eaves (B9) Surface Soil Cracks (B6)				
High Water Table (A2)	Aquatic Fa		Drainage Patterns (B10)				
Saturation (A3)	Marl Depo		Moss Trim Lines (B16)				
Water Marks (B1)	·	Sulfide Odor (C1)	Dry-Season Water Table (C2)				
Sediment Deposits (B2)		nizospheres on Living Roots (C3)					
	Oxidized Milzospheres on Elving Noots (es) Saturation Visible on Aerial Imagery (C9)						
Drift Deposits (B3)	Presence o	f Reduced Iron (C4)	Stunted or Stressed Plants (D1)				
Algal Mat or Crust (B4)	Recent Iror	Reduction in Tilled Soils (C6)	·				
Iron Deposits (B5)	Thin Muck	Surface (C7)	Shallow Aquitard (D3)				
Inundation Visible on Aerial	magery (B7) Other (Exp	ain in Remarks)	Microtopographic Relief (D4	4)			
Sparsely Vegetated Concave	Surface (B8)		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?		Depth (inches):	-				
	162 NO _ _/ _		-				
(includes capillary fringe)							
Describe Recorded Data (strean	າ gauge, monitoring well, aerial	photos, previous inspections), if	available:				
Remarks:							
No positive indication of wetlan	d hydrology was observed						
The positive indication of wellan	a nyanonoby was observed.						

	Ahsolute	Dominant	Indicator	Dominance Test workshe	et:		
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)		Species?	Status	Number of Dominant Spe		4	(4)
1.		•	•	Are OBL, FACW, or FAC:		1	(A)
2.			-	Total Number of Domina	nt Species	3	(B)
3.			-	Across All Strata:			(D)
4.			-	Percent of Dominant Spe	cies That	33.3	(A/B)
5.			-	Are OBL, FACW, or FAC:			
6.			-	Prevalence Index worksh			_
7.			-	Total % Cover of		Multiply I	
	0	= Total Co	ver	OBL species	0	x 1 = _	0
Sapling/Shrub Stratum (Plot size:15 ft)		-		FACW species	0	x 2 =	0
1				FAC species	25	x 3 =	75
2.				FACU species	25	x 4 =	100
3.				UPL species	0	x 5 =	0
4.		-		Column Totals	50	(A) _	175 (B)
5.				Prevalence Inde	ex = B/A =	3.5	
6.				Hydrophytic Vegetation I	ndicators:		
7.			-	1- Rapid Test for Hy	drophytic V	egetation	
·	0	= Total Co		2 - Dominance Test is > 50%			
Hard Charter (District 5 ft)		_ 10tal Co	ver	3 - Prevalence Index is $\leq 3.0^{1}$			
Herb Stratum (Plot size:5 ft)	60	V	NII	4 - Morphological Ad	daptations¹	(Provide s	supporting
1. Glycine max	60	Yes	NI	data in Remarks or on a s	separate sh	eet)	
2. Equisetum arvense	25	Yes	FAC	 Problematic Hydrop 	hytic Veget	tation¹ (Ex	plain)
3. Trifolium repens	25	Yes	FACU	Indicators of hydric soil a		, .	gy must be
4				_ present, unless disturbed	•	matic	
5				_ Definitions of Vegetation			
6				_ Tree - Woody plants 3 in.			liameter at
7				breast height (DBH), rega			
8				Sapling/shrub – Woody p			BH and
9				greater than or equal to 3			
10				Herb – All herbaceous (no size, and woody plants le	-		ardiess of
11				- Woody vines – All woody			20 ft in
12				height.	viiles great	.er triair 5	2011111
	110	= Total Co	ver			,	
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation	Present? Y	res N	0
1				_			
2				_			
3				_			
4				_			
	0	= Total Co	ver				
Remarks: (Include photo numbers here or on a separate	e sheet.)						
Active agricultural field, No positive indication of hydror	hvtic veg	etation was	observed (:	≥50% of dominant species i	ndexed as	FAC- or dr	ier).
The second of th	, ,					01 01	,.

Profile Desc	ription: (Describe Matrix	to the de	epth needed to de			ndicator	or confirm the a	bsence of indicator	rs.)		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ture	Remarks		
0 - 10	2.5Y 4/3	100	Color (Illoist)	- 70	Туре	LUC	Texture		Remarks		
10 - 18	2.5Y 5/2	95	7.5YR 4/6	 5			Silty Clay Loam Silty Clay Loam				
10-16	2.51 3/2	93	7.511(4/0			IVI	Jilly Cla	ly Loaiii			
				_							
				_							
	_										
				-							
	oncentration, D =	Depletio	n, RM = Reduced	Matı	rix, MS =	Masked	Sand Grains. ² Lo		Lining, M = Matrix.		
Hydric Soil I								Indicators for Pro	oblematic Hydric Soils³:		
Histosol			•				R, MLRA 149B)	2 cm Muck (A	(10) (LRR K, L, MLRA 149B)		
	oipedon (A2)		Thin Dark Su					Coast Prairie	Redox (A16) (LRR K, L, R)		
Black Hi	stic (A3) en Sulfide (A4)		Loamy Mucky			(LRR K, I	-)	5 cm Mucky F	Peat or Peat (S3) (LRR K, L, R)		
,	d Lavers (A5)		Loamy Gleye Depleted Ma					Dark Surface (S7) (LRR K, L)			
	d Below Dark Surfa	ace (A11							low Surface (S8) (LRR K, L)		
	ark Surface (A12)		Depleted Dar			1			rface (S9) (LRR K, L)		
Sandy M	lucky Mineral (S1)		Redox Depre						ese Masses (F12) (LRR K, L, R)		
Sandy G	ileyed Matrix (S4)		·					Piedmont Floodplain Soils (F19) (MLRA 149B)			
Sandy R	edox (S5)								(TA6) (MLRA 144A, 145, 149B)		
_	Matrix (S6)							Red Parent M			
	rface (S7) (LRR R, N	/ILRA 149	9B)					Very Shallow Dark Surface (TF12) Other (Explain in Remarks)			
								•	II III Kelliaiks)		
•	of hydrophytic veg		and wetland hydr	ology	y must be	e presen	t, unless disturbe	ed or problematic.			
	.ayer (if observed):	•	None			Lludric	Cail Dracant?		Voc. No. (
	Type:		None	-		Hydric	Soil Present?		Yes No/		
	Depth (inches):										
Remarks:											
No positive	indication of hydri	ic soils w	as observed.								
	_										

Project/Site: East Point	City	//County: Sharon Springs,	Schoharie County	ounty Sampling Date: 2018-Aug-09				
Applicant/Owner: NextEra			State: New York	ew York Sampling Point: W-AJF-8; UPL-3				
Investigator(s): Connor Lidd	ell, Kaylee Townsend	Sect	ion, Township, Range:					
Landform (hillslope, terrace, et	t c.): Hillslope	Local relief	(concave, convex, none):	Undulatiing	Slope (%): 10-20			
Subregion (LRR or MLRA):	LRR L	Lat:	42.7812755 Long:	-74.551157	Datum: WGS84			
Soil Map Unit Name: NdC3-	Nunda Channery Silt Loa	m, 10-20% slopes, eroded		NWI classification	: <u></u>			
Are climatic/hydrologic conditi	ons on the site typical for	this time of year?	Yes No (If n	o, explain in Remarks.)				
Are Vegetation, Soil		significantly disturbed?	Are "Normal Circums	stances" present?	′es No			
Are Vegetation, Soil	_, or Hydrology	naturally problematic?	(If needed, explain a	ny answers in Remarks.)				
SUMMARY OF FINDINGS -	- Attach site map show	wing sampling point lo	cations, transects, ir	nportant features, e	tc.			
Hydrophytic Vegetation Prese	nt? Yes	No						
Hydric Soil Present?	Yes	i	oled Area within a Wetla	nd? Yes	No⁄_			
Wetland Hydrology Present?	 Yes		onal Wetland Site ID:					
			onal Welland Site ID.					
Remarks: (Explain alternative	procedures here or in a se	eparate report)						
TPC covertype is LIPL Area is	upland not all three wetls	and parameters are presen	*					
TRC covertype is UPL. Area is	apiand, not all tillee wetta	and parameters are preser	it.					
HYDROLOGY								
Wetland Hydrology Indicators	:							
Primary Indicators (minimum		all that apply)	Seconda	ry Indicators (minimum	of two required)			
Surface Water (A1)	Wa	ter-Stained Leaves (B9)		Surface Soil Cracks (B6)				
High Water Table (A2)		uatic Fauna (B13)	Drain	Drainage Patterns (B10)				
Saturation (A3)	•	rl Deposits (B15)	Moss	Moss Trim Lines (B16)				
Water Marks (B1)		drogen Sulfide Odor (C1)	•	Dry-Season Water Table (C2)				
Sediment Deposits (B2)	Oxi	dized Rhizospheres on Livi	116 110013 (C3)					
		Saturation Visible on Aerial Imagery (C9)						
Drift Deposits (B3)		sence of Reduced Iron (C4)		Stunted or Stressed Plants (D1)				
Algal Mat or Crust (B4)		ent Iron Reduction in Tilled		Geomorphic Position (D2)				
Iron Deposits (B5)		n Muck Surface (C7)		Shallow Aquitard (D3) Microtopographic Relief (D4)				
Inundation Visible on Aeria Sparsely Vegetated Conca		er (Explain in Remarks)		Microtopographic Relief (D4) FAC-Neutral Test (D5)				
Field Observations:	7e Surface (Do)		FAC-I	veutiai iest (D3)				
Surface Water Present?	Yes No _ ✓	Depth (inches):						
		•	Motland	Lludralagu Dracant?	Voc. No. 4			
Water Table Present?	Yes No _ _	Depth (inches):	weuand	Hydrology Present?	Yes No			
Saturation Present?	Yes No _ _ /	Depth (inches):						
(includes capillary fringe)								
Describe Recorded Data (stre	am gauge, monitoring wel	ll, aerial photos, previous i	nspections), if available:					
Remarks:								
No positive indication of wetla	and hydrology was observ	red.						

				Danis Tark dala	<u> </u>			
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)			Indicator	Dominance Test workshee				
	% Cover	Species?	Status	Number of Dominant Spec Are OBL, FACW, or FAC:	les mat	0	(A)	
1				Total Number of Dominant	t Chariar			
2				- Across All Strata:	t species	3	(B)	
3				Percent of Dominant Speci	ies That			
4				- Are OBL, FACW, or FAC:	ics illuc	0	(A/B)	
5				Prevalence Index workshe	et:			
6				- Total % Cover of:		Multiply	Bv.	
7				- OBL species	0	x 1 =	0	
	0	= Total Co	ver	FACW species	0	x 2 =	0	
Sapling/Shrub Stratum (Plot size: 15 ft)				FAC species	0	x3=	0	
1						x 4 =	460	
2					115	-		
3.				- UPL species	10	x 5 =	50	
4.					125	(A)	510 (B)	
5.				Prevalence Index	k = B/A = _	4.1		
6.				Hydrophytic Vegetation Inc	dicators:			
7.				1- Rapid Test for Hyd	rophytic V	egetatior	า	
··	0	= Total Cov	uor.	2 - Dominance Test is > 50%				
Harb Stratum (Diat ciza) E ft)		_ 10tai Co	vei	3 - Prevalence Index is $\leq 3.0^1$				
Herb Stratum (Plot size:5 ft) 1. Solidago canadensis	55	Yes	FACU	4 - Morphological Ada	aptations1	(Provide	supporting	
				- data in Remarks or on a se	parate sh	eet)		
2. Galium mollugo	35	Yes	FACU	 Problematic Hydroph 			•	
3. Vicia americana	25	Yes	FACU	Indicators of hydric soil and wetland hydrology must be				
4. Daucus carota	10	No	UPL	present, unless disturbed	or problen	natic		
5				Definitions of Vegetation S	trata:			
6				_ Tree – Woody plants 3 in. (diameter at	
7				breast height (DBH), regard				
8.				Sapling/shrub - Woody pla			DBH and	
9				greater than or equal to 3.				
10			-	Herb – All herbaceous (nor			gardless of	
11				size, and woody plants less				
12				Woody vines – All woody v	ines great	er than 3	.28 ft in	
	125	= Total Cov	ver	height.				
Woody Vine Stratum (Plot size:30 ft)		_		Hydrophytic Vegetation Pr	resent? Y	es N	No <u>~</u>	
1.								
2.				-				
3.			-	-				
4.				-				
	0	= Total Cov	er	-				
			vci					
Remarks: (Include photo numbers here or on a separat	e sheet.)							
No positive indication of hydrophytic vegetation was ol	oserved (≥	:50% of dor	ninant speci	ies indexed as FAC- or drier).				

(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0 - 15	10YR 3/3	100		_		=	Silt Loam	
				_				
		_		_				
				_				
				_				
				_				
				_		_		
 Type: C = C	oncentration, D = I	 Depletio	n, RM = Reduced	 Matr	rix, MS =	 Masked	Sand Grains. ² Lo	ocation: PL = Pore Lining, M = Matrix.
lydric Soil I					, -			Indicators for Problematic Hydric Soils ³ :
Histosol	` '				-		R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Histic Ep Black Hi	oipedon (A2)		Thin Dark Sur Loamy Mucky				' -	Coast Prairie Redox (A16) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gleyed			(LKK K, I	-)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
	d Layers (A5)		Depleted Mat					Dark Surface (S7) (LRR K, L)
	d Below Dark Surfa	ce (A11)						Polyvalue Below Surface (S8) (LRR K, L)
	ark Surface (A12)		Depleted Dar					Thin Dark Surface (S9) (LRR K, L)
Sandy N	lucky Mineral (S1)		Redox Depres	ssion	ıs (F8)			Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy G	ileyed Matrix (S4)							Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy R	edox (S5)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Stripped	d Matrix (S6)							Red Parent Material (F21) Very Shallow Dark Surface (TF12)
Dark Su	rface (S7) (LRR R, M	ILRA 149	9B)					Other (Explain in Remarks)
Indicators	of hydrophytic veg	etation a	and wetland hydr	വിറമ്യ	v must he	nreser	t unless disturbe	
	ayer (if observed):		<u></u>	0.06	yasc s.			a o . p. 02.0a.a.
	Type:		None			Hydric	Soil Present?	Yes No <u>_</u> ✓
	Depth (inches):							_
Remarks:			-					
	indication of hydri	c soils w	as observed					
lo nositive	maication of myan	C JOHS W	as observed.					
No positive	•							
No positive	ŕ							
No positive	·							
No positive	·							
No positive	·							
No positive	ŕ							
No positive	ŕ							

Project/Site: East Point	City/C	ounty: Sharon, Schohai	rie County	Sampling Date: 2018-Aug-09			
Applicant/Owner: NextEra		•	State: NY	Sampling Point: W-A	JF-8; UPL-4		
Investigator(s): Connor Liddell,	Kaylee Townsend	Sect	ion, Township, Ra	nge:			
Landform (hillslope, terrace, etc.):	Plain	Local relief	(concave, convex,	, none):Flat	Slope (%): 2-5		
Subregion (LRR or MLRA): LF	RR L	Lat:	42.7788745	Long: -74.5628485	Datum: WGS84		
Soil Map Unit Name: IIC- Illion I	Lyons Silt Loam, 3 to 15%			NWI classificati	on:		
Are climatic/hydrologic conditions	on the site typical for thi	is time of year?	Yes 🟒 No	(If no, explain in Remarks)		
Are Vegetation, Soil,	or Hydrology sig	nificantly disturbed?	Are "Normal (Circumstances" present?	Yes No		
Are Vegetation, Soil,	or Hydrology nat	turally problematic?	(If needed, ex	plain any answers in Remark	s.)		
SUMMARY OF FINDINGS – A	ttach site map showii	ng sampling point lo	cations, transe	ects, important features,	etc.		
Hydrophytic Vegetation Present?	Yes No	o_ /					
Hydric Soil Present?	Yes No	i	oled Area within a	Wetland? Ye	es No/_		
Wetland Hydrology Present?	Yes No	· · · · · · · · · · · · · · · · · · ·	onal Wetland Site				
			orial Wetland Site	iD.			
Remarks: (Explain alternative pro	cedures nere or in a sepa	arate report)					
TDC assessment in LIDI. Asses in small		l					
TRC covertype is UPL. Area is upl	and, not all three wetland	i parameters are preser	it.				
HYDROLOGY							
Wetland Hydrology Indicators:							
Primary Indicators (minimum of	one is required; check all	that annly)	Se	econdary Indicators (minimur	n of two required)		
	•			_ Surface Soil Cracks (B6)	ir or two required		
Surface Water (A1) High Water Table (A2)		-Stained Leaves (B9) ic Fauna (B13)		_ Drainage Patterns (B10)			
Saturation (A3)	·	Deposits (B15)		Moss Trim Lines (B16)			
Water Marks (B1)		gen Sulfide Odor (C1)	_	_ Dry-Season Water Table (C2	2)		
Sediment Deposits (B2)	•	ed Rhizospheres on Livi	ing Roots (C3) —	_ Crayfish Burrows (C8)			
			Saturation Visible on Aerial Imagery (C9)				
Drift Deposits (B3)	Preser	nce of Reduced Iron (C4)	educed Iron (C4) Stunted or Stressed Plants (D1)				
Algal Mat or Crust (B4)	Recen	t Iron Reduction in Tilled	duction in Tilled Soils (C6) Geomorphic Position (D2)				
Iron Deposits (B5)		luck Surface (C7)	_	_ Shallow Aquitard (D3)			
Inundation Visible on Aerial Ir	• •	(Explain in Remarks)	_	_ Microtopographic Relief (D	4)		
Sparsely Vegetated Concave S	Surface (B8)			_ FAC-Neutral Test (D5)			
Field Observations:							
Surface Water Present?	Yes No _ _/	Depth (inches):					
Water Table Present?	Yes No _ _	Depth (inches):	w	etland Hydrology Present?	Yes No ∠		
Saturation Present?	Yes No	Depth (inches):					
(includes capillary fringe)							
Describe Recorded Data (stream	gauge, monitoring well, a	erial photos, previous i	nspections), if ava	ilable:			
,		, ,,	, ,				
Remarks:							
Remarks.							
No positive indication of weather d	hydrology was absorted						
No positive indication of wetland	nyurology was observed						

	Absolute	Dominant	Indicator	Dominance Test workshee	t:				
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)	% Cover	Species?	Status	Number of Dominant Spec	cies That	1	(A)		
1				Are OBL, FACW, or FAC:	,				
2				Total Number of Dominan	t Species	3	(B)		
3				Across All Strata: Percent of Dominant Spec	: Th+				
4				- Are OBL, FACW, or FAC:	ies mai	33.3	(A/B)		
5				Prevalence Index workshe	ot•				
6				- Total % Cover of:	cı.	Multiply I	Bv.		
7				- OBL species	0	x 1 =	оу. О		
	0	= Total Cov	er	FACW species	35	x 2 =	70		
Sapling/Shrub Stratum (Plot size:15 ft)				FAC species	15	x3=	45		
1				- FACU species	60	x 4 =	240		
2.				- UPL species	30	x5=	150		
3.				- Column Totals		_			
4.					140	(A) _	505 (B)		
5.				Prevalence Index		3.6			
6.				Hydrophytic Vegetation Inc					
7.				1- Rapid Test for Hyd		egetation			
<u> </u>	0	= Total Cov	er	2 - Dominance Test is > 50%					
Herb Stratum (Plot size:5 ft)				3 - Prevalence Index is $\leq 3.0^{1}$					
1. Phalaris arundinacea	35	Yes	FACW	4 - Morphological Ada	•	-	supporting		
2. Daucus carota	30	Yes	UPL	 data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) ¹Indicators of hydric soil and wetland hydrology must be 					
3. Phleum pratense	25	Yes	FACU						
		No							
4. Galium mollugo	20		FACU	present, unless disturbed or problematic					
5. Ranunculus hispidus	15	No No	FAC	Definitions of Vegetation Strata:					
6. Vicia americana		No No	FACU	Tree – Woody plants 3 in. (-		liameter at		
7. Rudbeckia hirta	5	No	FACU	breast height (DBH), regard		_			
8.				Sapling/shrub – Woody pla greater than or equal to 3.			BH and		
9.				Herb – All herbaceous (nor			ardless of		
10				size, and woody plants less			gai uless oi		
11				Woody vines – All woody v			28 ft in		
12				height.	iries great	ci dian 3.	2016111		
	140	_= Total Cov	er			/a.a. NI			
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation P	resent: 1	es iv	· · · · ·		
1				-					
2				_					
3				_					
4				_					
	0	= Total Cov	er						
Remarks: (Include photo numbers here or on a separat	e sheet)								
Tremains. (include prioto mambers here or on a separae	c sriced,								
No positive indication of hydrophytic vegetation was ab	sonued (~	50% of do-	ninant cocci	as indeped as EAC- or drien					
No positive indication of hydrophytic vegetation was ob	ıseı veü (≥	ווטט וט שיטכ.	mant speci	es muexeu as FAC- or uffer).					

Profile Description: (Describe to the	· ·		ndicator or confirm the a	bsence of indicators.)
Depth Matrix		Features		
(inches) Color (moist) %	Color (moist)	% Type¹	Loc ² Texture	
0 - 16 10YR 4/2 100			Silt Loar	<u> </u>
	- 			
		-		
	· -			
	- <u> </u>			
·				
	<u> </u>			
¹Type: C = Concentration, D = Deplet	ion, RM = Reduced	Matrix, MS = N	Masked Sand Grains. ² l	ocation: PL = Pore Lining, M = Matrix.
Hydric Soil Indicators:		S ((S)), (I DD D 141 D4 4 40D)	Indicators for Problematic Hydric Soils ³ :
Histosol (A1) Histic Epipedon (A2)	•		3) (LRR R, MLRA 149B) R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Black Histic (A3)	Loamy Mucky			Coast Prairie Redox (A16) (LRR K, L, R)
Hydrogen Sulfide (A4)	Loamy Gleyed		-,	5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L)
Stratified Layers (A5)	Depleted Mat	rix (F3)		Polyvalue Below Surface (S8) (LRR K, L)
Depleted Below Dark Surface (A1	· 			Thin Dark Surface (S9) (LRR K, L)
Thick Dark Surface (A12) Sandy Mucky Mineral (S1)	Depleted Dar Redox Depres			Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy Mucky Milleral (S1) Sandy Gleyed Matrix (S4)	Redox Depres	5510115 (F6)		Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy Gleyed Matrix (34)				Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Stripped Matrix (S6)				Red Parent Material (F21)
Dark Surface (S7) (LRR R, MLRA 1	49B)			Very Shallow Dark Surface (TF12)
				Other (Explain in Remarks)
³ Indicators of hydrophytic vegetation Restrictive Layer (if observed):	n and wetland hydr	ology must be	present, unless disturb	ed or problematic.
Type:	None		Hydric Soil Present?	Yes No <u>_</u> _
Depth (inches):	140110		liyane som rresent.	163 <u> </u>
Remarks:			<u> </u>	
No positive indication of hydric soils	was observed.			

Soil Map Unit Name: Darien silt lo	NAME IN THE PROPERTY OF THE PR		Sampling Date: 2018-May-21			
Landform (hillslope, terrace, etc.): Subregion (LRR or MLRA): MLRA Soil Map Unit Name: Darien silt lo.	\ (\) \ (\) \ (\) \ (\) \ (\) \ (\)	State:	Sampling Point: V	Sampling Point: W-AJF-09; PSS-1		
Subregion (LRR or MLRA): MLRA Soil Map Unit Name: Darien silt lo	VNM, KAI	Section, Township,	Range:			
Soil Map Unit Name: Darien silt lo	Swale	Local relief (concave, conv	ex, none): Concave	Slope (%): 2-5		
· · · · · · · · · · · · · · · · · · ·	A 101 of LRR L	Lat: 42.7828703	Long: -74.5613095	Datum: WGS84		
A 10 .0 41 1 1 1 1 10.0	am, 2 to 8 percent slopes (DeB)	NWI classific	ation: None		
, ,	the site typical for this time of	•	(If no, explain in Remar	ks.)		
	or Hydrology significantly		al Circumstances" present?	Yes No		
Are Vegetation, Soil,	or Hydrology naturally pr	oblematic? (If needed,	explain any answers in Rema	arks.)		
SUMMARY OF FINDINGS – Atta	ch site map showing sam	oling point locations, trar	nsects, important feature	es, etc.		
Hydrophytic Vegetation Present?	Yes _ 🗸 No					
Hydric Soil Present?	Yes _ 🗸 No	Is the Sampled Area withi	n a Wetland?	Yes/_ No		
Wetland Hydrology Present?	Yes No	If yes, optional Wetland S		W-A IF-09		
			ite ib.	VV-AJF-09		
Remarks: (Explain alternative proced	lures nere or in a separate rep	ort)				
TRC covertype is PSS.						
HYDROLOGY						
Wetland Hydrology Indicators:				_		
Primary Indicators (minimum of one	is required; check all that app	劝	Secondary Indicators (minim	num of two required)		
✓ Surface Water (A1)	Water-Stained	Leaves (B9)	Surface Soil Cracks (B6)			
<u></u> High Water Table (A2)	∕ Aquatic Fauna		Drainage Patterns (B10)			
✓ Saturation (A3)	Marl Deposits		Moss Trim Lines (B16)			
Water Marks (B1)	Hydrogen Sulfi		Dry-Season Water Table Crayfish Burrows (C8)	(C2)		
Sediment Deposits (B2)	Oxidized Rhizo	spheres on Living Roots (C3)	Saturation Visible on Aerial Imagery (C9)			
Drift Deposits (B3)	Presence of Re	duced Iron (CA)	Stunted or Stressed Plants (D1)			
Algal Mat or Crust (B4)		duction in Tilled Soils (C6)	Stanted of Stressed Flants (DT) Geomorphic Position (D2)			
Iron Deposits (B5)	Thin Muck Surf		Shallow Aquitard (D3)	-,		
•			Microtopographic Relief	(D4)		
Inundation Visible on Aerial Imag			✓ FAC-Neutral Test (D5)	,		
 Inundation Visible on Aerial Imag Sparsely Vegetated Concave Surf			<u> </u>			
-						
Sparsely Vegetated Concave Surf	Yes _✓_ No Dep	oth (inches): 3				
Sparsely Vegetated Concave Surfield Observations: Surface Water Present?	·		Wetland Hydrology Present?	Yes 🗸 No		
Sparsely Vegetated Concave Surf Field Observations: Surface Water Present? Water Table Present?	Yes _ No Dep	oth (inches):	Wetland Hydrology Present?	Yes No		
Sparsely Vegetated Concave Surfield Observations: Surface Water Present? Water Table Present?	Yes _ No Dep		Wetland Hydrology Present?	Yes _ _ No		

·	Absolute	Dominant	Indicator	Dominance Test worksheet:				
Tree Stratum (Plot size: 30 ft)		Species?	Status	Number of Dominant Species Tha	ī			
1.				Are OBL, FACW, or FAC:	2	(A)		
				Total Number of Dominant Specie	5			
2.				Across All Strata:	2	(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 E	Bv:		
7				OBL species 0	x 1 =	0		
	0	= Total Cove	er	FACW species 77	x 2 =	154		
Sapling/Shrub Stratum (Plot size:15 ft)				FAC species 2	- x 3 =	6		
1. Cornus amomum	50	Yes	FACW	FACU species 0	_ x4=	0		
2. Salix discolor	25	Yes	FACW		_	0		
3.					_ x5= _			
4.				Column Totals 79	_ (A) _	160 (B)		
5.				Prevalence Index = B/A =	:2			
6.				Hydrophytic Vegetation Indicators				
-				1- Rapid Test for Hydrophytic	Vegetation			
7				✓ 2 - Dominance Test is >50%				
	75	_= Total Cove	er	3 - Prevalence Index is ≤ 3.01				
Herb Stratum (Plot size:5 ft)				4 - Morphological Adaptation	s¹ (Provide s	supporting		
1. Equisetum arvense	2	No	FAC	data in Remarks or on a separate				
2. <i>Onoclea sensibilis</i>	1	No	FACW	Problematic Hydrophytic Vegetation¹ (Explain)				
3. Ranunculus recurvatus	1	No	FACW	Indicators of hydric soil and wetland hydrology must be				
4				present, unless disturbed or problematic Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at				
5.								
6.								
7.				breast height (DBH), regardless of				
8.				Sapling/shrub – Woody plants less	_	BH and		
9.				greater than or equal to 3.28 ft (1				
40				Herb – All herbaceous (non-wood)		ardless of		
				size, and woody plants less than 3				
				Woody vines - All woody vines gre	ater than 3.	28 ft in		
12				height.				
	4	_= Total Cove	er	Hydrophytic Vegetation Present?	Ves / N	0		
Woody Vine Stratum (Plot size: 30 ft)				Trydrophydd Yegelddon i Yesenia	10311	<u> </u>		
1								
2								
3								
4								
	0	= Total Cove	er					
Remarks: (Include photo numbers here or on a separa	te sheet)							
Remarks. (include prioto numbers here or on a separa	ite si icet.)							

	-	to the	=			indicato	r or confirm the al	osence of indicators.)
Depth	Matrix			k Feat		12	Tarahama	Damandra
(inches)	Color (moist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	Loc ²	Texture	Remarks
0 - 5	10YR 4/1	90	10YR 6/6	10	C	<u>M</u>	Silt	
5 - 16	2.5Y 6/1	85	10YR 6/8	15	С	M	Silt Loam	
		- —		- —				
		- —		- —				
				. —				
		- —						
¹Type: C = 0	Concentration, D =	Deplet	ion, RM = Reduce	d Mat	rix, MS =	Masked	Sand Grains. ² Lo	ocation: PL = Pore Lining, M = Matrix.
Hydric Soil	Indicators:							Indicators for Problematic Hydric Soils ³ :
Histoso			Polyvalue B	elow S	urface (S	88) (LRR	R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Histic E	oipedon (A2)		Thin Dark S					Coast Prairie Redox (A16) (LRR K, L, R)
Black H	istic (A3)		Loamy Muc	ky Mir	eral (F1)	(LRR K,	L)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gley					Dark Surface (S7) (LRR K, L)
	d Layers (A5)		<u> ✓</u> Depleted M					Polyvalue Below Surface (S8) (LRR K, L)
	d Below Dark Surfa	ace (A1				_		Thin Dark Surface (S9) (LRR K, L)
	ark Surface (A12)		Depleted Da)		Iron-Manganese Masses (F12) (LRR K, L, R)
	Mucky Mineral (S1)		Redox Depr	essior	is (F8)			Piedmont Floodplain Soils (F19) (MLRA 149B)
-	Gleyed Matrix (S4)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
_	Redox (S5)							Red Parent Material (F21)
	d Matrix (S6)							Very Shallow Dark Surface (TF12)
Dark Su	ırface (S7) (LRR R, N	ILRA 1	49B)					Other (Explain in Remarks)
3Indicators	of hydrophytic veg	etatior	n and wetland hyd	drolog	y must b	e preser	nt, unless disturbe	d or problematic.
	Layer (if observed):			0	,		•	, , , , , , , , , , , , , , , , , , ,
	Type:		None	_		Hydric	Soil Present?	Yes No
	Depth (inches):			-				
Remarks:								

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	on, Schoharie	Sampling Date: 2018-May-21			
Applicant/Owner: NextEra		State:	Sampling Point: W-	AJF-09; UPL-1		
Investigator(s): Anthony Froonj	ian, VNM, KAT	Section, Township,	Range:			
Landform (hillslope, terrace, etc.):	Hillslope	Local relief (concave, conv	ex, none): Convex	Slope (%): 35-40		
Subregion (LRR or MLRA): M	ILRA 101 of LRR L	Lat: 42.7814824	Long: -74.5609834	Datum: WGS84		
Soil Map Unit Name: Nunda ch	nannery silt loam, 10 to 20% slopes, er	oded (NdC3)	NWI classificat	ion: None		
Are climatic/hydrologic conditions	s on the site typical for this time of yea	ar? Yes <u>✓</u> No	(If no, explain in Remark	s.)		
Are Vegetation, Soil,	or Hydrology significantly dis		al Circumstances" present?	Yes No		
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed,	explain any answers in Remar	ks.)		
Summary of Findings – A	ttach site map showing samplir	ng point locations, trar	nsects, important features	s, etc.		
Hydrophytic Vegetation Present?	Yes No _ _/ _					
Hydric Soil Present?	Yes No	Is the Sampled Area withi	n a Wetland?	/es No ∠		
Wetland Hydrology Present?	Yes No	If yes, optional Wetland Si				
		, ,	ite ib.			
Remarks: (Explain alternative pro 	ocedures here or in a separate report)					
TRC covertype is UPL.						
TRC covertype is OFL.						
HYDROLOGY						
Wetland Hydrology Indicators:						
	one is required; check all that apply)		Secondary Indicators (minimu	ım of two required)		
Surface Water (A1)	Water-Stained Lea	ves (B9)	Surface Soil Cracks (B6)	•		
High Water Table (A2)	Aquatic Fauna (B1		Drainage Patterns (B10)			
Saturation (A3)	Marl Deposits (B1		Moss Trim Lines (B16)			
Water Marks (B1)	Hydrogen Sulfide	Odor (C1)	Dry-Season Water Table (C2)			
Sediment Deposits (B2)	Oxidized Rhizosph	eres on Living Roots (C3)				
5 (5 5); (53)			Saturation Visible on Aeria			
Drift Deposits (B3) Algal Mat or Crust (B4)	Presence of Reduc	tion in Tilled Soils (C6)	Stunted or Stressed Plants (D1)			
Iron Deposits (B5)	Recent from Reduct		Geomorphic Position (D2)Shallow Aquitard (D3)			
Inundation Visible on Aerial Ir			Microtopographic Relief (E	04)		
Sparsely Vegetated Concave S	· · · · · · · · · · · · · · · · · · ·	,	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?		inches):				
	тез No <u>-у</u>					
(includes capillary fringe)						
Describe Recorded Data (stream	gauge, monitoring well, aerial photos	s, previous inspections), if a	avallable:			
Remarks:						

<u>Tree Stratum (Plot size: _ 30 ft_)</u>	Absolute	Dominant	Indicator	Dominance Test worksheet:				
Tree Stratum (Plot Size30 it)	% Cover	Species?	Status	Number of Dominant Species That	1	(A)		
1. Fraxinus americana	8	Yes	FACU	Are OBL, FACW, or FAC:		(A)		
2.				Total Number of Dominant Species	4	(D)		
3.				Across All Strata:		(B)		
4.				Percent of Dominant Species That	25	(A (D)		
				Are OBL, FACW, or FAC:		(A/B)		
5.				Prevalence Index worksheet:				
6				Total % Cover of:	Multiply	By:		
7				OBL species 0	x 1 =	0		
	8	= Total Cove	r	FACW species 12	x 2 =	24		
Sapling/Shrub Stratum (Plot size:15 ft)				FAC species 0	x 3 =	0		
1. Cornus amomum	12	Yes	FACW	FACU species 89	x 4 =	356		
2.					-			
3.				UPL species 0	x 5 = _	0		
4.				Column Totals 101	(A)	380 (B)		
5.				Prevalence Index = B/A =	3.8			
6.				Hydrophytic Vegetation Indicators:				
-				1- Rapid Test for Hydrophytic \	/egetation	1		
7				2 - Dominance Test is > 50%				
	12	= Total Cove	er	3 - Prevalence Index is $\leq 3.0^{1}$				
Herb Stratum (Plot size:5 ft)				4 - Morphological Adaptations	¹ (Provide	supporting		
1. Dactylis glomerata	40	Yes	FACU	data in Remarks or on a separate sh		[.]		
2. Solidago canadensis	25	Yes	FACU	Problematic Hydrophytic Vege		(plain)		
3. Galium mollugo	15	No	FACU	Indicators of hydric soil and wetland hydrology must be				
4. Taraxacum officinale	1	No	FACU	present, unless disturbed or problematic				
5.				Definitions of Vegetation Strata:				
6.				Tree – Woody plants 3 in. (7.6 cm) o	r more in	diameter at		
7.				breast height (DBH), regardless of h		diameter at		
				Sapling/shrub – Woody plants less t	-	DPU and		
8.				greater than or equal to 3.28 ft (1 m		JBH allu		
9.				Herb – All herbaceous (non-woody)		gardless of		
10				size, and woody plants less than 3.2		gai uless of		
11				Woody vines – All woody vines grea		20 ft in		
12				height.	ter triair 5	.20 11 111		
	81	= Total Cove	er					
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation Present?	Yes N	No <u>✓</u>		
1.								
2.								
3.								
4.				•				
···		= Total Cove	r					
		- Total Cove	:1					
Remarks: (Include photo numbers here or on a separa	ate sheet.)							

Profile Desc Depth	ription: (Describe to	o the	depth needed to o			indicato	r or confirm the a	bsence of indicators.)
(inches)	Color (moist)	%	Color (moist)			Loc ²	Touturo	Remarks
		90	Color (IIIOISI)	90	Type ¹	LOC-	Texture	
0 - 16	10YR 4/4	- —		- —			Silt Loan	Ap horizon
				-				
				_			-	
				- —				
		_		_				
				_			-	
¹Tvpe: C = C	oncentration. D = [eplet	ion. RM = Reduced	d Mai	trix. MS =	Masked	Sand Grains. 2l	ocation: PL = Pore Lining, M = Matrix.
Hydric Soil I		- ср.с.				masitea	Sana Gramo,	Indicators for Problematic Hydric Soils ³ :
Histosol			Polyvalue Be	low!	Surface (9	(8) (I DD	D MIDA 1/OR)	·
l ——	ipedon (A2)		Thin Dark Su		-			2 cm Muck (A10) (LRR K, L, MLRA 149B)
Black His	•		Loamy Muck					Coast Prairie Redox (A16) (LRR K, L, R)
	n Sulfide (A4)		Loamy Gleye	-		(=:::::	_,	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
	d Layers (A5)		Depleted Ma					Dark Surface (S7) (LRR K, L)
	d Below Dark Surfa	ce (A1						Polyvalue Below Surface (S8) (LRR K, L)
Thick Da	rk Surface (A12)		Depleted Da	rk Su	ırface (F7)		Thin Dark Surface (S9) (LRR K, L)
Sandy M	lucky Mineral (S1)		Redox Depre	essio	ns (F8)			Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy G	leyed Matrix (S4)							Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy R	edox (S5)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Stripped	l Matrix (S6)							Red Parent Material (F21)
	rface (S7) (LRR R, M	LRA 1	49B)					Very Shallow Dark Surface (TF12)
								Other (Explain in Remarks)
-	of hydrophytic vege	etatio	n and wetland hyd	rolog	gy must b	e preser	nt, unless disturb	ed or problematic.
Restrictive L	.ayer (if observed):							
	Type:		None	_		Hydric	Soil Present?	Yes No⁄_
	Depth (inches):							
Remarks:								

Photo of Sample Plot



Project/Site: East Point	City/County: Sh	iaron Springs, Schoharie Cou	inty Sampling Da	te: 2018-May-21	
Applicant/Owner: NextEra		State: Nev	w York Sampling Point	t: W-AJF-10; PEM-1	
Investigator(s): Anthony Froo	njian, VNM, KAT	Section, Township,	Range:		
Landform (hillslope, terrace, etc	c.): Swale	Local relief (concave, conv	vex, none): Concave	Slope (%): 5-10	
Subregion (LRR or MLRA):	MLRA 101 of LRR L	Lat: 42.7837096	Long: -74.5605451	Datum: WGS84	
Soil Map Unit Name: Darien	silt loam, 2 to 8 percent slopes (DeB)		NWI class	sification: None	
Are climatic/hydrologic conditio	ons on the site typical for this time of	year? Yes _✓_ No	(If no, explain in Re	marks.)	
Are Vegetation 🟒, Soil 🟒,	or Hydrology significantly	disturbed? Are "Norm	al Circumstances" presen	t? Yes 🟒 No	
Are Vegetation, Soil,	or Hydrology naturally pro	blematic? (If needed,	explain any answers in Re	emarks.)	
SUMMARY OF FINDINGS -	Attach site map showing samp	ling point locations trai	nsects important feat	ures etc	
Hydrophytic Vegetation Presen					
Hydric Soil Present?	Yes No	Is the Sampled Area withi	in a Wetland?	Yes No	
Wetland Hydrology Present?	Yes _ ∠ _ No	If yes, optional Wetland S	ite ID:	W-AJF-10	
Remarks: (Explain alternative p	rocedures here or in a separate repo	ert)			
TDC and control in DEMA NA					
TRC covertype is PEM. NA					
HYDROLOGY					
IIBROLOGI					
Wetland Hydrology Indicators:					
Primary Indicators (minimum o	of one is required; check all that apply	Δ	Secondary Indicators (mi	nimum of two required)	
Surface Water (A1)	Water-Stained L	eaves (R9)	Surface Soil Cracks (B	66)	
High Water Table (A2)	Aquatic Fauna (l		Drainage Patterns (B´	10)	
✓ Saturation (A3)	Marl Deposits (E		Moss Trim Lines (B16)	
Water Marks (B1)	Hydrogen Sulfid		Dry-Season Water Ta	ole (C2)	
Sediment Deposits (B2)	Oxidized Rhizos	pheres on Living Roots (C3)	Crayfish Burrows (C8)	ayfish Burrows (C8)	
,		, , , , , , , , , , , , , , , , , , , ,	Saturation Visible on	Aerial Imagery (C9)	
Drift Deposits (B3)	Presence of Rec	luced Iron (C4)	Stunted or Stressed F	lants (D1)	
Algal Mat or Crust (B4)		uction in Tilled Soils (C6)	Geomorphic Position		
Iron Deposits (B5)	Thin Muck Surfa	ace (C7)	Shallow Aquitard (D3		
Inundation Visible on Aerial			Microtopographic Re		
Sparsely Vegetated Concave	e Surface (B8)		✓ FAC-Neutral Test (D5)		
Field Observations:					
Surface Water Present?	Yes No <u></u> ✓ Dept	th (inches):			
Water Table Present?		th (inches):	- Wetland Hydrology Preso	ent? Yes No	
		· · · · · · · · · · · · · · · · · · ·	- Interior Tryurology Plesi	-IIC	
Saturation Present?	Yes <u></u> ✓ No Dept	th (inches): 1	-		
(includes capillary fringe)			1		
Describe Recorded Data (stream	m gauge, monitoring well, aerial phot	os, previous inspections), if	available:		
Remarks:					
remarks.					

	A l l t -	Danisant	la di satan	Dominance Test works	haati			
Tree Stratum (Plot size: 30 ft)		Dominant		Dominance Test works				
	% Cover	Species?	Status	Number of Dominant S Are OBL, FACW, or FAC	•	3	(A)	
1								
2				Total Number of Domii Across All Strata:	iant species	3	(B)	
3.				Percent of Dominant S	i Th			
4				- Are OBL, FACW, or FAC		100	(A/B)	
5				Prevalence Index work			-	
6.						N.A. daim l F	.	
7.				Total % Cover		Multiply E	•	
		= Total Cov	er	OBL species	8	x 1 =	8	
Sapling/Shrub Stratum (Plot size:15 ft)		-		FACW species	15	x 2 =	30	
1. Cornus amomum	5	Yes	FACW	FAC species	20	x 3 =	60	
2.			171011	- FACU species	0	x 4 =	0	
-				- UPL species	0	x 5 =	0	
3.				- Column Totals	43	(A)	98 (B)	
4				Prevalence Ir	ndex = B/A =	2.3		
5				Hydrophytic Vegetation				
6.				1- Rapid Test for H		/egetation		
7						egetation		
	5	= Total Cov	er	2 - Dominance Test is >50% 3 - Prevalence Index is $\leq 3.0^{1}$				
Herb Stratum (Plot size:5 ft)		_				(D		
1. Equisetum arvense	20	Yes	FAC	4 - Morphological			supporting	
2. <i>Onoclea sensibilis</i>	10	Yes	FACW	data in Remarks or on a separate sheet)				
3. Juncus effusus	6	No	OBL	 Problematic Hydrophytic Vegetation¹ (Explain) ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic 				
4. Carex typhina		No	OBL					
5.			OBL	-	-	Hauc		
				Definitions of Vegetation				
6.				Tree - Woody plants 3			iameter at	
7				breast height (DBH), re				
8				Sapling/shrub - Woody			BH and	
9				greater than or equal t				
10				Herb – All herbaceous	-		ardless of	
11				size, and woody plants			20.6.	
12				Woody vines – All wood	dy vines great	er than 3.2	28 ft in	
	38	= Total Cov	er	height.				
Woody Vine Stratum (Plot size:30 ft)		<u>-</u>		Hydrophytic Vegetatio	n Present? \	∕es <u> </u>	0	
1.								
2.				-				
3.				-				
4.				-				
		= Total Cov	or	-				
		_ TOTAL COV	eı					
Remarks: (Include photo numbers here or on a separ	ate sheet.)							
area has been cleared and grubbed for agriculture.								
6. a.z.a ag., calcal c.								

Profile Desc Depth	cription: (Describe Matrix	to the d	epth needed to c			ndicato	or confirm the a	bsence of indicato	ors.)
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ure	Remarks
0 - 8	10YR 2/1	100	Color (moise)		Турс		Silt Lo		Remarks
8 - 18	2.5Y 6/1	75	5YR 5/4	25	C	M	Silty Clay		
0 10	2.51 0/1		311(3/4				Sincy Cia	y Louin	
				. —				_	
				_					
				_					
				· —					
				· —					
	_								-
				-					
						 .			
	Concentration, D =	Depletio	on, RM = Reduced	Mati	rıx, MS =	Masked	Sand Grains. ² Li		Lining, M = Matrix.
Hydric Soil								Indicators for P	roblematic Hydric Soils³:
Histosol			Polyvalue Be						(A10) (LRR K, L, MLRA 149B)
Histic Ep Black Hi	oipedon (A2)		Thin Dark Su Loamy Muck						e Redox (A16) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gleye	•		(LKK K, I	-)	-	Peat or Peat (S3) (LRR K, L, R)
	d Layers (A5)		Depleted Ma					Dark Surfac	
	d Below Dark Surf	ace (A11						-	elow Surface (S8) (LRR K, L)
Thick Da	ark Surface (A12)	•	Depleted Da	rk Sui	rface (F7)	1			urface (S9) (LRR K, L)
Sandy N	lucky Mineral (S1)		Redox Depre	essior	ns (F8)				nese Masses (F12) (LRR K, L, R)
Sandy G	leyed Matrix (S4)								loodplain Soils (F19) (MLRA 149B)
Sandy R	edox (S5)							Red Parent	ic (TA6) (MLRA 144A, 145, 149B)
Stripped	d Matrix (S6)								w Dark Surface (TF12)
Dark Su	rface (S7) (LRR R, N	MLRA 14	9B)					Other (Expla	
21	- £	+-+:					4alaaa dia4daa		
•	of hydrophytic veg _ayer (if observed)		and wettand nyu	rolog	y must be	preser	it, uniess disturbe	d or problematic.	•
	=	•	None			Hydric	Soil Present?		Yes No
	Type:	-	None			Hyuric	3011 Fresent:		res _/_ NO
	Depth (inches):								
Remarks:									
soiks have l	peen disturbed by	recent v	egetation clesrin	g.					

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	ron Springs, Schoharie Cou	inty	Sampling Date: 2018	8-May-21	
Applicant/Owner: NextEra		State: Nev	w York	Sampling Point: W-AJF-10; UPL-1		
Investigator(s): Anthony Froonji	ian, VNM, KAT	Section, Township,	Range:			
Landform (hillslope, terrace, etc.):	Swale	Local relief (concave, conv	ex, none):	Concave	Slope (%): 10-20	
Subregion (LRR or MLRA): MI	LRA 101 of LRR L	Lat: 42.7837856	Long:	-74.5604819	Datum: WGS84	
Soil Map Unit Name: Darien silt	t loam, 2 to 8 percent slopes (DeB)			NWI classification	: None	
Are climatic/hydrologic conditions	s on the site typical for this time of ye	ar? Yes <u>✓</u> No	(If no	o, explain in Remarks.)		
Are Vegetation, Soil,	or Hydrology significantly dis			•	′es _ _∕ _ No	
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed,	explain an	y answers in Remarks.)		
SUMMARY OF FINDINGS – At	ttach site map showing sampli	ng point locations, trar	nsects, im	າportant features, e	tc.	
Hydrophytic Vegetation Present?	Yes No _ ✓					
Hydric Soil Present?	Yes No ∠	Is the Sampled Area withi	n a Wetlan	d? Yes	No⁄_	
Wetland Hydrology Present?	Yes No _ _	If yes, optional Wetland Si				
			ite ib.	-		
Remarks. (Explain alternative pro	cedures here or in a separate report)				
TRC covertype is UPL.						
LIVDDOLOCV						
HYDROLOGY						
Wetland Hydrology Indicators:						
Primary Indicators (minimum of o	one is required; check all that apply)			y Indicators (minimum	of two required)	
Surface Water (A1)	Water-Stained Lea			te Soil Cracks (B6)		
High Water Table (A2)	Aquatic Fauna (B1			age Patterns (B10)		
Saturation (A3)	Marl Deposits (B1		Moss Trim Lines (B16) Dry-Season Water Table (C2)			
Water Marks (B1) Sediment Deposits (B2)	Hydrogen Sulfide	neres on Living Roots (C3)	6 C. I. B. (60)			
Sediment Deposits (B2)	Oxidized Kriizospi	ieres on Living Roots (CS)	-	ation Visible on Aerial In	nagery (C9)	
Drift Deposits (B3)	Presence of Redu	ced Iron (C4)	Stunte	ed or Stressed Plants (D	1)	
Algal Mat or Crust (B4)	Recent Iron Redu	ction in Tilled Soils (C6)	Geom	orphic Position (D2)		
Iron Deposits (B5)	Thin Muck Surface			w Aquitard (D3)		
Inundation Visible on Aerial In		Remarks)		topographic Relief (D4)		
Sparsely Vegetated Concave S	surface (B8)		FAC-N	eutral Test (D5)		
Field Observations:		<i>a</i>				
Surface Water Present?	·	(inches):	_			
Water Table Present?	Yes No Depth	(inches):	Wetland I	Hydrology Present?	Yes No ∠	
Saturation Present?	Yes No 🟒 Depth	(inches):	_			
(includes capillary fringe)						
Describe Recorded Data (stream	gauge, monitoring well, aerial photo:	s, previous inspections), if a	available:			
Remarks:					_	
i e e e e e e e e e e e e e e e e e e e						

	Ahsolute	Dominant	Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size: 30 ft)		Species?	Status	Number of Dominant Species T	hat _	
1.				Are OBL, FACW, or FAC:	0	(A)
2.				Total Number of Dominant Spe	cies	
3.				Across All Strata:	2	(B)
				Percent of Dominant Species Th	nat 0	(A (D)
4.				Are OBL, FACW, or FAC:	0	(A/B)
5.				Prevalence Index worksheet:		
6.				Total % Cover of:	Multiply	<u> By:</u>
7				OBL species 0	x 1 =	0
	0	_= Total Cove	er	FACW species 0	x 2 =	0
Sapling/Shrub Stratum (Plot size:15 ft)				FAC species 0	x 3 =	0
1				FACU species 29	x 4 =	116
2				UPL species 12	x 5 =	60
3.				Column Totals 41		176 (B)
4.						170 (b)
5.				Prevalence Index = B		
6.				Hydrophytic Vegetation Indicate		
7.				1- Rapid Test for Hydroph		1
		= Total Cove	er	2 - Dominance Test is > 50		
Herb Stratum (Plot size: _ 5 ft)		_		3 - Prevalence Index is ≤ 3		
1. Solidago canadensis	20	Yes	FACU	4 - Morphological Adaptat		supporting
Veronica chamaedrys	12	Yes	UPL	data in Remarks or on a separa		
3. Rubus allegheniensis	6	No No	FACU	Problematic Hydrophytic	-	•
4. Taraxacum officinale				¹Indicators of hydric soil and we		gy must be
		No	FACU	present, unless disturbed or pr		
5.				Definitions of Vegetation Strata		
6				Tree – Woody plants 3 in. (7.6 ci		diameter at
7				breast height (DBH), regardless	_	
8				Sapling/shrub - Woody plants l		DBH and
9.				greater than or equal to 3.28 ft		
10				Herb – All herbaceous (non-woo		gardless of
11				size, and woody plants less that		206:
12				Woody vines – All woody vines	greater than 3	3.28 π in
	41	= Total Cove	er	height.		
Woody Vine Stratum (Plot size: 30 ft)	<u> </u>	=		Hydrophytic Vegetation Preser	t? Yes l	No
1.						
2.						
3.						
4.				•		
		= Total Cove	er e			
		-				
Remarks: (Include photo numbers here or on a sepa	rate sheet.)					

	cription: (Describe	to the de	-			indicato	r or confirm the ab	sence of	indicators.)
Depth	Matrix		Redox			12	T		Davis salas
(inches)	Color (moist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	Loc ²	Texture		Remarks
0 - 18	10YR 4/4	100		_			Silt Loam		Ap horizon
				_					
				_					
		· ·		_					
		· —— ·		_					-
1Type: C = 0	Concentration, D =	Dopletie	n DM - Poducod	N/at	riv MS -	Maskod	Sand Grains 21 o	ocation: E	PL = Pore Lining, M = Matrix.
Hydric Soil		Depletio	ii, Kivi – Reduced	iviat	11X, 1VI3 -	iviaskeu	Sand GrainsLC		
•			Daharahaa Da			:0) (I DD	D MI DA 4 40D)	indicato	ors for Problematic Hydric Soils³:
Histoso	oipedon (A2)		-				R, MLRA 149B)		n Muck (A10) (LRR K, L, MLRA 149B)
	istic (A3)		Thin Dark Su Loamy Muck						st Prairie Redox (A16) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gleye			(LKK K,	L)		n Mucky Peat or Peat (S3) (LRR K, L, R)
, .	d Layers (A5)		Depleted Ma						k Surface (S7) (LRR K, L)
	d Below Dark Surfa	ace (A11)							value Below Surface (S8) (LRR K, L)
	ark Surface (A12)	acc (/ 1.1.)	Depleted Dai)			n Dark Surface (S9) (LRR K, L)
	Mucky Mineral (S1)		Redox Depre			•			-Manganese Masses (F12) (LRR K, L, R)
	Gleyed Matrix (S4)				()				dmont Floodplain Soils (F19) (MLRA 149B)
-	Redox (S5)								sic Spodic (TA6) (MLRA 144A, 145, 149B)
-	d Matrix (S6)								Parent Material (F21)
	rface (S7) (LRR R, N	ΛΙ DΔ 1/10)R)					-	y Shallow Dark Surface (TF12)
Dark 30	Trace (37) (ERR R, N	ILIVA 14.	, Б,					Oth	er (Explain in Remarks)
3Indicators	of hydrophytic veg	etation a	and wetland hydi	olog	y must b	e preser	nt, unless disturbe	d or prob	lematic.
Restrictive	Layer (if observed):								
	Type:		None	_		Hydric	Soil Present?		Yes No⁄_
	Depth (inches):								
Remarks:									

Photo of Sample Plot



Project/Site: East Point	City/County: Sha	ron Springs, Schoharie Count	ty Sampling Da	Sampling Date: 2018-May-22		
Applicant/Owner: NextEra		State: New \	York Sampling Point	Sampling Point: W-AJF-11; PEM-2		
Investigator(s): Anthony Froon	ian, VNM, KAT	Section, Township, R	ange:			
Landform (hillslope, terrace, etc.)	Swale	Local relief (concave, convex	x, none): Concave	Slope (%): 2-5		
<u> </u>	ILRA 101 of LRR L	Lat: 42.7849924	Long: -74.5594307	Datum: WGS84		
Soil Map Unit Name: Alluvial la			NWI class	sification: None		
• •	s on the site typical for this time of ye		(If no, explain in Rei			
Are Vegetation, Soil,	or Hydrology significantly di		Circumstances" present			
Are Vegetation, Soil,	or Hydrology naturally prob	lematic? (If needed, ex	xplain any answers in Re	emarks.)		
			_			
SUMMARY OF FINDINGS – A	ttach site map showing sampli	ng point locations, trans	ects, important feat	ures, 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	e ID:	W-AJF-11		
	ocedures here or in a separate report					
The state of the s	occuer es mer e en ma separate repent	,				
TRC covertype is PEM.						
HYDROLOGY						
Wetland Hydrology Indicators:		_				
Primary Indicators (minimum of	one is required; check all that apply)		•	inimum of two required)		
Surface Water (A1)	Water-Stained Lea		Surface Soil Cracks (B Drainage Patterns (B'	•		
✓ High Water Table (A2)	Aquatic Fauna (B1	.5)	Moss Trim Lines (B16			
Saturation (A3) Water Marks (B1)	Marl Deposits (B1 Hydrogen Sulfide		Dry-Season Water Tal			
Sediment Deposits (B2)	, ,	heres on Living Roots (C3) =	Crayfish Burrows (C8)			
		=	Saturation Visible on Aerial Imagery (C9)			
Drift Deposits (B3)	Presence of Redu	ced Iron (C4)		Stunted or Stressed Plants (D1)		
Algal Mat or Crust (B4)		ction in Tilled Soils (C6)	Geomorphic Position (D2)			
Iron Deposits (B5)	Thin Muck Surface	· ·	_ Shallow Aquitard (D3)			
Inundation Visible on Aerial I			Microtopographic Re			
Sparsely Vegetated Concave : Field Observations:	Surface (B8)		<u>✓</u> FAC-Neutral Test (D5)			
Surface Water Present?	Yes No <u></u> ✓ Depth	(inches):				
			Mada a dibida la mi Bura			
Water Table Present?	·		Netland Hydrology Pres	ent? Yes No		
Saturation Present?	Yes _ ✓ No Depth	(inches):				
(includes capillary fringe)						
	gauge, monitoring well, aerial photo	s, previous inspections), if av	railable:			
			_			
Remarks:						

	41 1 .	<u> </u>		Daminanaa Taat waalkahaati			
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)		Dominant		Dominance Test worksheet:	- Tl 6		
	% Cover	Species?	Status	Number of Dominant Specie Are OBL, FACW, or FAC:	s inat	5	(A)
1							
2				Total Number of Dominant S Across All Strata:	pecies	5	(B)
3				Percent of Dominant Species	That		
4				Are OBL, FACW, or FAC:	illat	100	(A/B)
5				Prevalence Index worksheet:			
6				Total % Cover of:		Multiply I	Bv.
7.				OBL species		1 =	0
	0	= Total Cove	er	· · · · · · · · · · · · · · · · · · ·		_	
Sapling/Shrub Stratum (Plot size: 15 ft)		_		<u> </u>		×2 = _	178
1. Salix discolor	10	Yes	FACW	FAC species 2		×3= _	75
2. <i>Salix alba</i>		Yes	FACW	· -		< 4 =	0
3.				·		< 5 = _	0
4.						(A) _	253 (B)
5.				Prevalence Index =	B/A =	2.2	
6.				Hydrophytic Vegetation Indic	:ators:		
-				1- Rapid Test for Hydro	phytic Ve	getation	
7		Tatal Carre		2 - Dominance Test is >	50%		
U. I. S	14	= Total Cove	er .	✓ 3 - Prevalence Index is:	≤ 3.0¹		
Herb Stratum (Plot size: 25 ft. transect)			E4.6144	4 - Morphological Adap	tations¹ (F	Provide s	supporting
1. Solidago gigantea	55	Yes	FACW	data in Remarks or on a sepa	arate shee	et)	
2. Equisetum arvense	25	Yes	FAC	Problematic Hydrophyt	ic Vegetat	tion¹ (Ex	plain)
3. Impatiens capensis		Yes	FACW	¹ Indicators of hydric soil and	wetland h	hydrolog	gy must be
4				present, unless disturbed or	problema	atic	
5				Definitions of Vegetation Stra	ata:		
6.				Tree – Woody plants 3 in. (7.6	5 cm) or m	nore in d	liameter at
7				breast height (DBH), regardle	ess of heig	ght.	
8				Sapling/shrub – Woody plant			BH and
9.				greater than or equal to 3.28			
10				Herb – All herbaceous (non-v			ardless of
11.				size, and woody plants less the			
12.				Woody vines – All woody vine	es greater	r than 3.	28 ft in
-	100	= Total Cove	er	height.			
Woody Vine Stratum (Plot size:30 ft)		-		Hydrophytic Vegetation Pres	sent? Yes	s N	0
1.							
2.				•			
3.				•			
4.				•			
		= Total Cove		•			
		_ TOTAL COVE	:1				
Remarks: (Include photo numbers here or on a sepa	rate sheet.)						

	cription: (Describe	to the d	-			ndicator	or confirm the al	osence of indicat	ors.)
Depth	Matrix Color (moist)	<u></u> %	Redo:			l oc²	Toyti	ıro	Domarks
(inches) 0 - 4			Color (moist)	<u>%</u>	Type ¹	Loc ²	Textu Sil ¹		Remarks
4 - 8	7.5YR 2.5/1 2.5Y 4/1	100 95	10YR 5/8	5			Silt Lo		
8 - 18	2.5Y 6/1	80	7.5YR 6/6	20		M	Silty Clay	-	
0-10	2.31 0/1	80	7.518 0/0	20			Silty Clay	LOam	
1Typo: C =	Concentration D =	Doplotic	n DM - Poduco	- <u>-</u>	iv MC –	Mackad	Sand Grains 21	acation: DL = Dor	o Liping M - Matrix
	Concentration, D = Indicators:	pehieri	on, Nivi – Reduce	ı ıvıdl	ı, ivi5 -	iviaskeu	Janu Granis. *L(e Lining, M = Matrix. Problematic Hydric Soils ³ :
Histoso			Pohazina Pa	عامير د	urfaca (C	۵) (DD D	, MLRA 149B)		·
	pipedon (A2)		Thin Dark Su						(A10) (LRR K, L, MLRA 149B)
	listic (A3)		Loamy Muck						ie Redox (A16) (LRR K, L, R)
	gen Sulfide (A4)		Loamy Gleye	-				-	y Peat or Peat (S3) (LRR K, L, R) te (S7) (LRR K, L)
	ed Layers (A5)		_✓ Depleted Ma						selow Surface (S8) (LRR K, L)
	ed Below Dark Surf	ace (A11			` '			•	urface (S9) (LRR K, L)
	Park Surface (A12)		Depleted Da						nese Masses (F12) (LRR K, L, R)
	Mucky Mineral (S1)		Redox Depr	essior	ıs (F8)				loodplain Soils (F19) (MLRA 149B)
-	Gleyed Matrix (S4)							Mesic Spod	ic (TA6) (MLRA 144A, 145, 149B)
-	Redox (S5)							Red Parent	Material (F21)
	d Matrix (S6) urface (S7) (LRR R, I	AI DA 14	OD)					-	w Dark Surface (TF12)
Dark 30	urrace (37) (LKK K, 1	VILKA 14	96)					Other (Expl	ain in Remarks)
3Indicators	of hydrophytic veg	getation	and wetland hyd	rolog	y must be	e present	t, unless disturbe	d or problematic	
Restrictive	Layer (if observed)	:							
	Type:		None	-		Hydric	Soil Present?		Yes No
-	Depth (inches):								
Remarks:									
ĺ									
1									
1									
i									
i									
l									

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	ron Springs, Schoharie County	Sampling Date:	2018-May-21
Applicant/Owner: NextEra		State: New Yo	rk Sampling Point:	W-AJF-11; PFO-1
Investigator(s): Anthony Froon	jian, VNM, KAT	Section, Township, Ran	ge:	
Landform (hillslope, terrace, etc.)	: Till plain	Local relief (concave, convex, i	none): Concave	Slope (%): 2-5
Subregion (LRR or MLRA): N	1LRA 101 of LRR L	Lat: 42.7841597	Long: -74.5548181	Datum: WGS84
•	lt loam, 2 to 8 percent slopes (DeB)			cation: None
	s on the site typical for this time of ye		_ (If no, explain in Rema	rks.)
Are Vegetation, Soil,	or Hydrology significantly dis		rcumstances" present?	Yes No
Are Vegetation, Soil,	or Hydrology naturally probl	lematic? (If needed, exp	lain any answers in Rem	arks.)
SUMMARY OF FINDINGS – A	ttach site map showing sampli	ng point locations, transed	cts, important featur	es, etc.
Hydrophytic Vegetation Present?				
Hydric Soil Present?	Yes No	Is the Sampled Area within a	Wetland?	Yes/_ No
Wetland Hydrology Present?	Yes No	If yes, optional Wetland Site II	D:	W-AJF-11
	ocedures here or in a separate report			
TRC covertype is PFO.				
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of	one is required; check all that apply)	Sec	ondary Indicators (minir	num of two required)
Surface Water (A1)	Water-Stained Lea		Surface Soil Cracks (B6)	
— Surface Water (A1) ✓ High Water Table (A2)	Aquatic Fauna (B1		Drainage Patterns (B10)	
✓ Saturation (A3)	Marl Deposits (B1		Moss Trim Lines (B16)	
Water Marks (B1)	Hydrogen Sulfide	Odor (C1) —	Dry-Season Water Table	(C2)
Sediment Deposits (B2)	Oxidized Rhizosph	neres on Eiving Roots (es)	Crayfish Burrows (C8)	: 11 (60)
6			Saturation Visible on Ae	3 7 · ·
Drift Deposits (B3) Algal Mat or Crust (B4)	Presence of Redu		Stunted or Stressed Plan Geomorphic Position (D	
Algai Mat of Crust (B4) Iron Deposits (B5)	Recent from Reduct		Shallow Aquitard (D3)	۷)
Inundation Visible on Aerial I			Microtopographic Relief	(D4)
Sparsely Vegetated Concave :			FAC-Neutral Test (D5)	, ,
Field Observations:				
Surface Water Present?	Yes No <u>_</u> Depth	(inches):		
Water Table Present?	Yes <u></u> ✓ No Depth	(inches): 2 We	tland Hydrology Present	? Yes No
Saturation Present?		(inches):		
(includes capillary fringe)				
	gauge, monitoring well, aerial photo	s previous inspections) if avail	ahle:	 -
bescribe recorded bata (stream	gauge, monitoring well, aeriai photo.	s, previous inspections, ir avail	able.	
Remarks:		<u> </u>		

Tree Stratum (Plot size: <u>30 ft</u>)		Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species Tha	t 8	(4)	
. Ulmus americana	35	Yes	FACW	Are OBL, FACW, or FAC:		(A)	
. Acer rubrum	25	Yes	FAC	Total Number of Dominant Specie Across All Strata:	8 8	(B)	
·				Percent of Dominant Species That Are OBL, FACW, or FAC:	100	(A/B)	
j				Prevalence Index worksheet:			
·				- Total % Cover of:	Multiply E	Rv.	
				- OBL species 0	x 1 =		
	60	= Total Cov	er	FACW species 78	_ ^ ' _	156	
apling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species 75	_ ^2 _ x3=	225	
. Cornus amomum	25	Yes	FACW	FACU species 0	_ x4=	0	
. Viburnum recognitum	15	Yes	FAC	UPL species 0		0	
. Viburnum lentago	10	Yes	FAC	· · · · · · · · · · · · · · · · · · ·	_ x5= _		
					_ (A) _	381 (B)	
				Prevalence Index = B/A	= 2.5		
				Hydrophytic Vegetation Indicators	:		
·				1- Rapid Test for Hydrophyti	: Vegetation		
•		- Total Cov	۰.	2 - Dominance Test is >50%			
	50	= Total Cov	ei	$_{\checkmark}$ 3 - Prevalence Index is ≤ 3.0 ¹			
Herb Stratum (Plot size:5 ft)	4.5	V	FAC	4 - Morphological Adaptation	ns¹ (Provide s	upporting	
. Viburnum recognitum	_ 15	Yes	FAC	data in Remarks or on a separate	sheet)		
. Onoclea sensibilis	10	Yes	FACW	Problematic Hydrophytic Ve	getation¹ (Exp	olain)	
. Equisetum arvense	10	Yes	FAC	¹ Indicators of hydric soil and wetla	and hydrolog	y must be	
Impatiens capensis	8	No	FACW	present, unless disturbed or prob	lematic		
5				Definitions of Vegetation Strata:			
5.				Tree – Woody plants 3 in. (7.6 cm)	or more in d	iameter a	
<i>'</i> .				breast height (DBH), regardless of			
3.				Sapling/shrub – Woody plants less	than 3 in. D	BH and	
				greater than or equal to 3.28 ft (1			
				Herb – All herbaceous (non-wood	y) plants, reg	ardless of	
1				size, and woody plants less than 3			
2				Woody vines – All woody vines gre		28 ft in	
2				height.			
	43	_= Total Cov	er	Hydrophytic Vegetation Present?	Vac / N	1	
				Trydrophyde vegetation i resent.	1031	' —	
				-			
				-			
Noody Vine Stratum (Plot size: <u>30 ft</u>) 2 3				-			
				-			

	cription: (Describe	to the de	•			indicator	or confirm the	absence of indicate	ors.)
Depth	Matrix		Redox						
(inches)	Color (moist)		Color (moist)	<u>%</u>	Type ¹	Loc ²		ture	Remarks
0 - 8	10YR 2/1	100	2.5Y 5/1				Silty Cla	ay Loam	
8 - 16	2.5Y 5/1	95	7.5YR 5/8	5	C	M	Silty	Clay	
				_					
								_	
				_					
	-								
				_					
				_					
	-			-					
				-					
							<u> </u>		
		Depletic	n, RIVI = Reduced	Mat	rix, IVIS =	Masked	Sand Grains. 2		Lining, M = Matrix.
•	Indicators:							Indicators for P	roblematic Hydric Soils³:
Histoso			Polyvalue Bel		-			2 cm Muck (A10) (LRR K, L, MLRA 149B)
	pipedon (A2)		Thin Dark Su					Coast Prairi	e Redox (A16) (LRR K, L, R)
	istic (A3)		Loamy Mucky			(LKK K, I	-)	5 cm Mucky	Peat or Peat (S3) (LRR K, L, R)
	en Sulfide (A4) ed Layers (A5)		Loamy Gleye					Dark Surfac	e (S7) (LRR K, L)
	ed Below Dark Surf	٦٥٥ (٨11	Depleted Ma ⁻					Polyvalue B	elow Surface (S8) (LRR K, L)
	ark Surface (A12)	ace (ATT	Depleted Dark)		Thin Dark S	urface (S9) (LRR K, L)
	Mucky Mineral (S1)		Redox Depre			,			nese Masses (F12) (LRR K, L, R)
-	Gleyed Matrix (S4)		Redox Bepre	55101	15 (1 0)				oodplain Soils (F19) (MLRA 149B)
	Redox (S5)								c (TA6) (MLRA 144A, 145, 149B)
-	d Matrix (S6)							Red Parent	
	u Mati IX (30) Irface (S7) (LRR R, N	MI DA 146	ופו						v Dark Surface (TF12)
Daik 30	111ace (37) (LKK K, I	VILIA 14:	90)					Other (Expla	ain in Remarks)
3Indicators	of hydrophytic veg	getation	and wetland hydr	olog	y must b	e presen	t, unless disturb	ed or problematic.	
Restrictive	Layer (if observed)	:							
	Type:		Rock			Hydric	Soil Present?		Yes/_ No
	Depth (inches):		16						
Remarks:		•							

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	on Springs, Schoharie Cou	nty Sa	ampling Date: 2018-	-May-21	
Applicant/Owner: NextEra		State: New	<u>/ York</u> Sam	pling Point: W-AJF-	11; UPL-1	
Investigator(s): Anthony Froonjia	n, VNM, KAT	Section, Township,	Range:			
Landform (hillslope, terrace, etc.):	till plain	Local relief (concave, conve	ex, none) :gen	ntly rolling	Slope (%): 2-5	
Subregion (LRR or MLRA): MLF	RA 101 of LRR L	Lat: 42.7841779	Long:74.	.5550369	Datum: WGS84	
Soil Map Unit Name: Darien silt l	oam, 2 to 8 percent slopes (DeB)			NWI classification:	None	
Are climatic/hydrologic conditions o	on the site typical for this time of yea	ar? Yes 🟒 No	(If no, ex	plain in Remarks.)		
Are Vegetation, Soil,	or Hydrology significantly dis		al Circumstance	es" present? Ye	s No	
Are Vegetation, Soil,	or Hydrology naturally proble	ematic? (If needed,	explain any an	swers in Remarks.)		
CLINANA A DV OE FINIDINICE AT					_	
	ach site map showing samplir	ig point locations, tran	isects, impoi	tant reatures, etc	L .	
Hydrophytic Vegetation Present?	Yes No	 	144 d la	.,		
Hydric Soil Present?	Yes No _ _ ∕_	Is the Sampled Area withir	n a Wetland?	Yes _	No <u>/</u> _	
Wetland Hydrology Present?	Yes No	If yes, optional Wetland Si	te ID:			
TRC covertype is UPL.						
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of or	ne is required; check all that apply)		-	dicators (minimum of	f two required)	
Surface Water (A1)	Water-Stained Lea	ives (B9)		oil Cracks (B6)		
High Water Table (A2)	Aquatic Fauna (B1			Patterns (B10)		
Saturation (A3)	Marl Deposits (B15		Moss Trim Lines (B16) Dry-Season Water Table (C2)			
Water Marks (B1)	Hydrogen Sulfide (Crayfish Bu			
Sediment Deposits (B2)	Oxidized Kriizospri	neres on Living Roots (C3)	-	Visible on Aerial Ima	agery (C9)	
Drift Deposits (B3)	Presence of Reduc	ced Iron (C4)		Stressed Plants (D1)		
Algal Mat or Crust (B4)	Recent Iron Reduc	tion in Tilled Soils (C6)	Geomorph	nic Position (D2)		
Iron Deposits (B5)	Thin Muck Surface	e (C7)	Shallow Ac			
Inundation Visible on Aerial Ima		Remarks)	•	graphic Relief (D4)		
Sparsely Vegetated Concave Su	rface (B8)		FAC-Neutr	al Test (D5)		
Field Observations:						
Surface Water Present?	, .	(inches):				
Water Table Present?	Yes No Depth ((inches):	Wetland Hydr	ology Present?	Yes No	
Saturation Present?	Yes No Depth (inches):				
(includes capillary fringe)						
Describe Recorded Data (stream g	auge, monitoring well, aerial photos	s, previous inspections), if a	vailable:			
Remarks:						

Tree Stratum (Plot size:30 ft)		Dominant		Dominance Test worksheet:		
1.	% Cover	Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC:	0	(A)
2.				Total Number of Dominant Specie	3	(B)
3.				Across All Strata:		
4.				Percent of Dominant Species That	0	(A/B)
5.				- Are OBL, FACW, or FAC: - Prevalence Index worksheet:		
6			-	- Total % Cover of:	Multiply	Bv.
7				- OBL species 0	x 1 =	_
	0	= Total Cov	ver .	FACW species 0	x 2 =	0
Sapling/Shrub Stratum (Plot size:15 ft)				FAC species 0	x 3 =	0
1				– FACU species 90	x 4 =	360
2				UPL species 0	x 5 =	0
3				- Column Totals 90	(A)	360 (B)
4				Prevalence Index = B/A =	- ' '	200 (2)
5				Hydrophytic Vegetation Indicators		
6				1- Rapid Test for Hydrophytic		
7				2 - Dominance Test is > 50%	vegetatioi	1
	0	= Total Cov	ver .	3 - Prevalence Index is $\leq 3.0^{\circ}$		
<u>Herb Stratum</u> (Plot size: <u>5 ft.</u>)				4 - Morphological Adaptation	s¹ (Provide	supporting
1. <i>Dactylis glomerata</i>	35	Yes	FACU	data in Remarks or on a separate		3upporting
2. <i>Taraxacum officinale</i>	30	Yes	FACU	Problematic Hydrophytic Veg		xplain)
3. <i>Trifolium pratense</i>	20	Yes	FACU	lndicators of hydric soil and wetla		
4. Melilotus officinalis	5	No	FACU	_ present, unless disturbed or probl		6,
5.				Definitions of Vegetation Strata:		
6.				Tree – Woody plants 3 in. (7.6 cm)	or more in	diameter at
7.	<u> </u>			breast height (DBH), regardless of		
8.				Sapling/shrub – Woody plants less	than 3 in.	DBH and
9.				greater than or equal to 3.28 ft (1	n) tall.	
10.				Herb – All herbaceous (non-wood)) plants, re	gardless of
11.				size, and woody plants less than 3		
12.				Woody vines – All woody vines gre	ater than 3	3.28 ft in
	90	= Total Cov	ver	height.		
Woody Vine Stratum (Plot size:30 ft)		=		Hydrophytic Vegetation Present?	Yes I	Vo <u> </u>
1.						
2.			-	-		
3.				-		
4.	-	-		-		
	0	= Total Cov	/er	-		
		-				
Remarks: (Include photo numbers here or on a separat	e sheet.)					

Profile Desc Depth	cription: (Describe t Matrix	o the de	pth needed to d Redox			indicato	r or confirm the al	osence of indicators.)
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0 - 18	10YR 4/4	100	color (moist)		1,700		Silt Loam	· ·
				_				
				_				
				_				
				_				
				_				
	Concentration, D = [Pepletio	n, RM = Reduced	Mati	rix, MS =	Masked	Sand Grains. ² Lo	ocation: PL = Pore Lining, M = Matrix.
Hydric Soil			D 1 2 3 3			.0 = =		Indicators for Problematic Hydric Soils ³ :
Histosol	(A1) pipedon (A2)		Polyvalue Be Thin Dark Su				R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
HISUC E			Thin Dark Su Loamy Muck					Coast Prairie Redox (A16) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gleye			(LIXIX IX, I	-,	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
	d Layers (A5)		Depleted Ma					Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L)
Deplete	d Below Dark Surfa	ce (A11)	Redox Dark S	urfa	ce (F6)			Thin Dark Surface (S9) (LRR K, L)
	ark Surface (A12)		Depleted Dar)		Iron-Manganese Masses (F12) (LRR K, L, R)
•	lucky Mineral (S1)		Redox Depre	ssior	ıs (F8)			Piedmont Floodplain Soils (F19) (MLRA 149B)
-	ileyed Matrix (S4)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
-	edox (S5)							Red Parent Material (F21)
	Matrix (S6)							Very Shallow Dark Surface (TF12)
Dark Su	rface (S7) (LRR R, M	LRA 149)B)					Other (Explain in Remarks)
³ Indicators	of hydrophytic vege	tation a	and wetland hydr	olog	y must b	e preser	t, unless disturbe	d or problematic.
Restrictive I	_ayer (if observed):							
	Type:		None			Hydric	Soil Present?	Yes No/_
	Depth (inches):							
Remarks:								

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	on Springs, Schoharie Cou	inty Sam	pling Date: 2018	S-May-22	
Applicant/Owner: NextEra		State: Nev	v York Sampl	ing Point: W-AJF-	-11; UPL-2	
Investigator(s): Anthony Froonji	an, VNM, KAT	Section, Township,	Range:			
Landform (hillslope, terrace, etc.):	till plain	Local relief (concave, conv	ex, none): Conve	ex.	Slope (%): 5-10	
Subregion (LRR or MLRA): MI	LRA 101 of LRR L	Lat: 42.7849157	Long: -74.55	93595	Datum: WGS84	
Soil Map Unit Name: Alluvial lar	nd (AI)		N	IWI classification:	None	
Are climatic/hydrologic conditions	on the site typical for this time of ye	ar? Yes <u></u> ✓ No	(If no, expla	in in Remarks.)		
Are Vegetation, Soil,	or Hydrology significantly dis		al Circumstances'	present? Ye	es 🟒 No	
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed,	explain any answ	ers in Remarks.)		
SUMMARY OF FINDINGS – At	ttach site map showing samplir	ng point locations, trar	nsects, importa	int features, et	ic.	
Hydrophytic Vegetation Present?	Yes No ⁄_					
Hydric Soil Present?	Yes No	Is the Sampled Area withi	n a Wetland?	Yes	No	
		·				
Wetland Hydrology Present?	Yes No _ _ _	If yes, optional Wetland S	ite ib:			
Remarks: (Explain alternative pro-	cedures here or in a separate report))				
TRC covertype is UPL.						
HYDROLOGY						
Wetland Hydrology Indicators:						
Primary Indicators (minimum of c	one is required; check all that apply)		-	ators (minimum c	of two required)	
Surface Water (A1)	Water-Stained Lea		Surface Soil (
High Water Table (A2)	Aquatic Fauna (B1		Drainage Pat			
Saturation (A3)	Marl Deposits (B1:		Moss Trim Li			
Water Marks (B1)	Hydrogen Sulfide		Dry-Season Water Table (C2) Crayfish Burrows (C8)			
Sediment Deposits (B2)	Oxidized Rhizosph	neres on Living Roots (C3)	•	sible on Aerial Im	agery (C9)	
Drift Deposits (B3)	Presence of Reduc	red Iron (C4)		ressed Plants (D1		
Algal Mat or Crust (B4)		tion in Tilled Soils (C6)	Geomorphic		1)	
Iron Deposits (B5)	Thin Muck Surface		Shallow Aqui			
Inundation Visible on Aerial In				aphic Relief (D4)		
Sparsely Vegetated Concave S	Surface (B8)		FAC-Neutral [*]			
Field Observations:						
Surface Water Present?	Yes No Depth ((inches):				
Water Table Present?	Yes No/ Depth ((inches):	- Wetland Hydrold	ogy Present?	Yes No	
Saturation Present?		(inches):	-			
	res No _ y		-			
(includes capillary fringe)			1			
Describe Recorded Data (stream	gauge, monitoring well, aerial photos	s, previous inspections), if a	available:			
Remarks:						

	Absolute	Dominant	Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size: 30 ft)	% Cover	Species?	Status	Number of Dominant Species Tha	t o	(4)
1.	-			Are OBL, FACW, or FAC:	0	(A)
2.				Total Number of Dominant Specie	es 2	(P)
3.				Across All Strata:		(B)
4.				Percent of Dominant Species Tha	. 0	(A/B)
5.				Are OBL, FACW, or FAC:		(, (, D)
6.				Prevalence Index worksheet:		
7.				Total % Cover of:	<u>Multiply</u>	<u>' By:</u>
/		- Total Cave		OBL species 0	x 1 =	0
	0	= Total Cove	er .	FACW species 0	x 2 =	0
Sapling/Shrub Stratum (Plot size: 15 ft)				FAC species 0	x 3 =	0
1.				FACU species 95	x 4 =	380
2				UPL species 0	x 5 =	0
3				Column Totals 95	(A)	380 (B)
4				Prevalence Index = B/A	<u> </u>	
5				Hydrophytic Vegetation Indicators		
6.				1- Rapid Test for Hydrophyti		2
7				2 - Dominance Test is > 50%	. vegetatioi	1
	0	= Total Cove	er	$3 - Prevalence Index is \le 3.0$	1	
Herb Stratum (Plot size:25 ft. transect)				4 - Morphological Adaptation		supporting
1. Elymus repens	55	Yes	FACU	data in Remarks or on a separate		supporting
2. Taraxacum officinale	30	Yes	FACU	Problematic Hydrophytic Ve		vnlain)
3. Melilotus officinalis	10	No	FACU	¹Indicators of hydric soil and wetl		
4.				present, unless disturbed or prob		ogy must be
5.				Definitions of Vegetation Strata:	iciliadic	
6.		-		Tree – Woody plants 3 in. (7.6 cm)	or more in	diameter at
7.				breast height (DBH), regardless of		didifficter de
8.				Sapling/shrub – Woody plants less	-	DBH and
9.				greater than or equal to 3.28 ft (1		22
40				Herb – All herbaceous (non-wood		gardless of
-				size, and woody plants less than 3		0
11.				Woody vines – All woody vines gre		3.28 ft in
12		Tatal Carre		height.		
	95	_= Total Cove	er	Hydrophytic Vegetation Present?	Yes	No ./
Woody Vine Stratum (Plot size: 30 ft)				i i yar opi iyar i ogalalari i i esami		
1.						
2						
3						
4						
	0	_= Total Cove	er			
Remarks: (Include photo numbers here or on a separa	ate sheet.)					
	_					

Profile Desc Depth	ription: (Describe Matrix	to the c	lepth needed to o			indicato	r or confirm the	absence of indicators.)
(inches)	Color (moist)	%	Color (moist)		Type ¹	Loc2	Texture	e Remarks
0 - 12	10YR 4/2	100	Color (ITIOISE)		Турс		Silt Loar	
			7.5VD.640	10			Silt Loai	<u> </u>
12 - 18	10YR 4/3	90	7.5YR 6/8	10				
								 -
· ·								·
¹Type: C = C	oncentration, D =	Depleti	on, RM = Reduced	d Mati	rix, MS =	Masked	Sand Grains. ²	Location: PL = Pore Lining, M = Matrix.
Hydric Soil I	ndicators:							Indicators for Problematic Hydric Soils ³ :
Histosol	(A1)		Polyvalue Be	low S	urface (S	88) (LRR I	R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Histic Ep	ipedon (A2)							Coast Prairie Redox (A16) (LRR K, L, R)
	Histic Epipedon (A2) Thin Dark Surface (S9) (LRR Black Histic (A3) Loamy Mucky Mineral (F1)							
Hydroge	en Sulfide (A4)		Loamy Gleye	d Ma	trix (F2)			5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L)
Stratified	d Layers (A5)		Depleted Ma					
Deplete	d Below Dark Surf	ace (A1	1) Redox Dark	Surfa	ce (F6)			Polyvalue Below Surface (S8) (LRR K, L)
Thick Da	irk Surface (A12)		Depleted Da	rk Sui	rface (F7))		Thin Dark Surface (S9) (LRR K, L)
Sandy M	lucky Mineral (S1)		Redox Depre	ession	ıs (F8)			Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy G	leyed Matrix (S4)							Piedmont Floodplain Soils (F19) (MLRA 149B)
-	edox (S5)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
-	Matrix (S6)							Red Parent Material (F21)
	rface (S7) (LRR R, I	MI RA 12	I9R)					Very Shallow Dark Surface (TF12)
Bark sa	riace (57) (Entry)	VILIO (I-	,56,					Other (Explain in Remarks)
3Indicators	of hydrophytic veg	getation	and wetland hyd	rolog	y must b	e preser	nt, unless disturb	ed or problematic.
Restrictive L	ayer (if observed)	-):						
	Type:		None			Hydric	Soil Present?	Yes No <u>_</u> ✓
	Depth (inches):		rtoric			liyane	John Tesent.	165 <u> </u>
	Deptii (iiiciles).	_						
Remarks:								

Photo of Sample Plot



Project/Site: East Point	City/County: Sha	ron Springs, Schoharie Cou	nty S	Sampling Date: 2018	3-May-23	
Applicant/Owner: NextEra		State: New	v York Sar	mpling Point: W-AJF	-12; PFO-1	
Investigator(s): Anthony Froonj	ian, VNM, KAT	Section, Township,	Range:			
Landform (hillslope, terrace, etc.):	Swale	Local relief (concave, conve	ex, none): Co	ncave	Slope (%): 2-5	
Subregion (LRR or MLRA): M	LRA 101 of LRR L	Lat: 42.7857344	Long: -74	4.559998	Datum: WGS84	
Soil Map Unit Name: Alluvial la				NWI classification:	None	
• •	s on the site typical for this time of ye			kplain in Remarks.)		
Are Vegetation, Soil,	or Hydrology significantly di		al Circumstan	•	es No	
Are Vegetation, Soil,	or Hydrology naturally prob	lematic? (If needed,	explain any ai	nswers in Remarks.)		
SUMMARY OF FINDINGS – A	ttach site map showing sampli	ng point locations, tran	nsects, impo	ortant features, et	ic.	
Hydrophytic Vegetation Present?	Yes _ ✓ _ No					
Hydric Soil Present?	Yes ✓ _ No	Is the Sampled Area within	n a Wetland?	Yes _	∠_ No	
Wetland Hydrology Present?	Yes No	If yes, optional Wetland Si	ite ID:	W-AJI	-12	
	cedures here or in a separate report					
The state of the s	a soperate report	,				
TRC covertype is PFO.						
HYDROLOGY						
Wetland Hydrology Indicators:	and the second of the street of the street of		C	di	£ 6	
•	one is required; check all that apply)		-	dicators (minimum c	of two required)	
Surface Water (A1)	Water-Stained Lea			oil Cracks (B6) Patterns (B10)		
∕ High Water Table (A2) ∕ Saturation (A3)	<u> </u>		_	Lines (B16)		
Water Marks (B1)	Hydrogen Sulfide		Dry-Season Water Table (C2)			
Sediment Deposits (B2)	, ,	heres on Living Roots (C3)	Crayfish E	Burrows (C8)		
		G	Saturation	n Visible on Aerial Im	agery (C9)	
<u>✓</u> Drift Deposits (B3)	Presence of Redu			r Stressed Plants (D1)	
Algal Mat or Crust (B4)		ction in Tilled Soils (C6)		hic Position (D2)		
Iron Deposits (B5)	Thin Muck Surface		Shallow A	•		
Inundation Visible on Aerial Ir Sparsely Vegetated Concave S		Remarks)	Microtopo	ographic Relief (D4)		
Field Observations:	Surface (DO)		-V FAC-Neuti	rai lest (D3)		
Surface Water Present?	Yes No Depth	(inches):				
Water Table Present?			Wetland ⊎vd	rology Present?	Ves / No	
	·		welland nyu	rology Fresent?	Yes No	
Saturation Present?	Yes _ ✓ No Depth	(inches): 0				
(includes capillary fringe)					_	
Describe Recorded Data (stream	gauge, monitoring well, aerial photo	s, previous inspections), if a	available:			
Remarks:						

<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)		Dominant		Dominance Test worksheet:		
,	% Cover	Species?	Status	Number of Dominant Species That	4	(A)
1. Salix alba	75	Yes	FACW	Are OBL, FACW, or FAC:		
2				Total Number of Dominant Species	4	(B)
3.				Across All Strata:		
4.				Percent of Dominant Species That	100	(A/B)
5.				Are OBL, FACW, or FAC:		
6.				Prevalence Index worksheet:		
7.				Total % Cover of:	Multiply E	-
	75	= Total Cov	/er	OBL species 0	x 1 =	0
Sapling/Shrub Stratum (Plot size: 15 ft)		•		FACW species 135	x 2 =	270
1. Cornus amomum	30	Yes	FACW	FAC species 15	x 3 =	45
2. Rhamnus cathartica	15	Yes	FAC	FACU species 0	x 4 =	0
3. Ribes americanum	10	No	FACW	UPL species 0	x 5 =	0
4.			TACW	Column Totals 150	(A)	315 (B)
				Prevalence Index = B/A =	2.1	
5.				Hydrophytic Vegetation Indicators:		
6.				1- Rapid Test for Hydrophytic \	egetation	
7				_ ✓ 2 - Dominance Test is >50%		
	55	= Total Cov	/er	\checkmark 3 - Prevalence Index is \le 3.01		
Herb Stratum (Plot size:5 ft)				4 - Morphological Adaptations	(Provide s	supporting
1. Impatiens capensis	20	Yes	FACW	data in Remarks or on a separate sh		11 0
2				Problematic Hydrophytic Vege	tation¹ (Ex	olain)
3				¹Indicators of hydric soil and wetlan	d hydrolog	y must be
4				present, unless disturbed or problem	matic	•
5.				Definitions of Vegetation Strata:		
6.				Tree – Woody plants 3 in. (7.6 cm) or	more in d	iameter 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
				size, and woody plants less than 3.2	8 ft tall.	
12				Woody vines – All woody vines great	er than 3.2	28 ft in
12.	20	= Total Cov	/er	height.		
Woody Vine Stratum (Plot size:30 ft)		- Total Cov	/C1	Hydrophytic Vegetation Present?	∕es <u> </u>	0
1.						
2.						
3.						
4						
	0	= Total Cov	/er			
Remarks: (Include photo numbers here or on a separate	sheet.)					

Profile Des Depth	cription: (Describe Matrix	to the d	epth needed to d Redo			indicato	r or confirm the	e absence of indicat	ors.)
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc2	Te	exture	Remarks
0 - 2	7.5YR 2.5/1	100		- —			-	Silt	
2 - 12	2.5Y 4/1	85	5YR 5/8	15		M	Silty (Clay Loam	
	_								
		Depleti	on, RM = Reduced	d Mat	rix, MS =	Masked	Sand Grains.		e Lining, M = Matrix.
Hydric Soil								Indicators for P	roblematic Hydric Soils³:
Histoso			Polyvalue Be						(A10) (LRR K, L, MLRA 149B)
	pipedon (A2) istic (A3)		Thin Dark Su Loamy Muck						e Redox (A16) (LRR K, L, R)
l ——	en Sulfide (A4)		Loamy Gleye			(LKK K,	L)	-	Peat or Peat (S3) (LRR K, L, R)
	ed Layers (A5)		Depleted Ma						re (S7) (LRR K, L)
_ ✓ Deplete	ed Below Dark Surf	ace (A11	·						elow Surface (S8) (LRR K, L) urface (S9) (LRR K, L)
	ark Surface (A12)		Depleted Da)			nese Masses (F12) (LRR K, L, R)
	Mucky Mineral (S1)		Redox Depre	essior	ıs (F8)				loodplain Soils (F19) (MLRA 149B)
	Gleyed Matrix (S4)								ic (TA6) (MLRA 144A, 145, 149B)
-	Redox (S5)							Red Parent	
	d Matrix (S6)	MIDA 14	OD)					-	w Dark Surface (TF12)
Dark St	ırface (S7) (LRR R, I	VILKA 14	96)					Other (Expl	ain in Remarks)
3Indicators	of hydrophytic veg	getation	and wetland hyd	rolog	y must be	e preser	nt, unless distur	bed or problematic	
Restrictive	Layer (if observed)):							
	Type:		Rock	-		Hydrid	Soil Present?		Yes/_ No
	Depth (inches):		14						
Remarks:									

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	ron Springs, Schoharie Cour	nty S	Sampling Date: 2018	3-May-23		
Applicant/Owner: NextEra		State: New	v York Sa	mpling Point: W-AJF	-12; UPL-1		
Investigator(s): Anthony Froonji	an, VNM, KAT	Section, Township, I	Range:				
Landform (hillslope, terrace, etc.):	Toe	Local relief (concave, conve	ex, none): Co	onvex	Slope (%): 5-10		
Subregion (LRR or MLRA): MI	LRA 101 of LRR L	Lat: 42.7856424	Long:7	4.5600594	Datum: WGS84		
Soil Map Unit Name: Nunda cha	annery silt loam, 3 to 10 percent slop	es (NdB)		NWI classification:	None		
	on the site typical for this time of ye		(If no, e	xplain in Remarks.)			
Are Vegetation, Soil,	or Hydrology significantly dis			•	es No		
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed, e	explain any a	inswers in Remarks.)			
Summary of Findings – At	tach site map showing samplir	ng point locations, tran	sects, impo	ortant features, et	tc.		
Hydrophytic Vegetation Present?	Yes No _ _/ _						
Hydric Soil Present?	Yes No _ _/ _	Is the Sampled Area withir	n a Wetland?	Yes _	No⁄_		
Wetland Hydrology Present?	Yes No _ _∠ _	If yes, optional Wetland Sit	te ID:				
	cedures here or in a separate report			-			
Remarks. (Explain alternative pro-	tedures here of in a separate report,	,					
TRC covertype is UPL.							
LIVEROLOCY							
HYDROLOGY							
Wetland Hydrology Indicators:							
Primary Indicators (minimum of o	one is required; check all that apply)		Secondary Ir	ndicators (minimum c	of two required)		
Surface Water (A1)	Water-Stained Lea	aves (B9)		Soil Cracks (B6)			
High Water Table (A2)	Aquatic Fauna (B1		_	Patterns (B10)			
Saturation (A3)	Marl Deposits (B1		Moss Trim Lines (B16) Dry-Season Water Table (C2)				
Water Marks (B1)	Hydrogen Sulfide		-	Burrows (C8)			
Sediment Deposits (B2)	Oxidized Rhizospr	neres on Living Roots (C3)	-	on Visible on Aerial Im	nagery (C9)		
Drift Deposits (B3)	Presence of Reduc	ced Iron (C4)		or Stressed Plants (D1			
Algal Mat or Crust (B4)		ction in Tilled Soils (C6)		ohic Position (D2)	,		
Iron Deposits (B5)	Thin Muck Surface	e (C7)	Shallow A	Aquitard (D3)			
Inundation Visible on Aerial In	nagery (B7) Other (Explain in F	Remarks)	Microtop	ographic Relief (D4)			
Sparsely Vegetated Concave S	urface (B8)		FAC-Neut	tral Test (D5)			
Field Observations:							
Surface Water Present?	Yes No _ _/ Depth	(inches):					
Water Table Present?	Yes No _ _/ Depth	(inches):	Wetland Hyd	drology Present?	Yes No _ _		
Saturation Present?	Yes No 🟒 Depth ((inches):					
(includes capillary fringe)							
Describe Recorded Data (stream :	gauge, monitoring well, aerial photos	s, previous inspections), if a	vailable:				
		., , , ,					
Remarks:							

ree Stratum (Plot size: <u>30 ft</u>)		Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species Th	at 3	(4)
. Fraxinus americana	15	Yes	FACU	Are OBL, FACW, or FAC:		(A)
. Salix alba	10	Yes	FACW	Total Number of Dominant Spec Across All Strata:	ies 7	(B)
·				Percent of Dominant Species Th Are OBL, FACW, or FAC:	42.9	(A/B)
				Prevalence Index worksheet:		
·				Total % Cover of:	Multiply E	Bv:
				OBL species 0	x 1 =	0
	25	= Total Cov	er	FACW species 22	x 2 =	44
apling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species 15	x3=	45
. Lonicera morrowii	20	Yes	FACU	FACU species 83	x4=	332
. Rhamnus cathartica	15	Yes	FAC	UPL species 10	x5=	50
Fraxinus americana	10	Yes	FACU	· -		
					(A) _	471 (B)
				Prevalence Index = B/A	\ = <u>3.6</u>	
				Hydrophytic Vegetation Indicato	rs:	
				1- Rapid Test for Hydrophy	ic Vegetation	
•	<u> </u>	= Total Cov	or	2 - Dominance Test is > 509	б	
laub Chuah una (Diah airan Eff.)	43	10tai Cov	ei	3 - Prevalence Index is ≤ 3.	O ¹	
erb Stratum (Plot size:5 ft)	25	\/a-a	FACIL	4 - Morphological Adaptation	ons¹ (Provide s	upporting
Dactylis glomerata	25	Yes	FACU	data in Remarks or on a separat	e sheet)	
Phalaris arundinacea	12	Yes	FACW	Problematic Hydrophytic V	egetation¹ (Exp	olain)
. Pastinaca sativa	10	No	UPL	¹ Indicators of hydric soil and we	land hydrolog	y must be
. Taraxacum officinale	8	No	FACU	present, unless disturbed or pro	blematic	
. Arctium minus	5	No	FACU	Definitions of Vegetation Strata:		
				Tree – Woody plants 3 in. (7.6 cm) or more in d	iameter a
				breast height (DBH), regardless	of height.	
				Sapling/shrub – Woody plants le	ss than 3 in. D	BH and
				greater than or equal to 3.28 ft (1 m) tall.	
n.				Herb – All herbaceous (non-woo	dy) plants, reg	ardless of
1				size, and woody plants less than	3.28 ft tall.	
				Woody vines – All woody vines g	reater than 3.2	28 ft in
Z		- Total Cau		height.		
	60	_= Total Cov	er	Hydrophytic Vegetation Present	7 Yes No) /
Voody Vine Stratum (Plot size: <u>30 ft</u>)				,,		
·						
•						
·						
	0	= Total Cov	er			

Profile Des	cription: (Describe Matrix	to the d	epth needed to d Redox			indicato	r or confirm the al	bsence of indicators.)
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0 - 10	10YR 3/3	100	Color (moist)	- ~	Турс		Loam	- Itemans
10 - 16	10YR 5/4			-			Silt Loam	
				_				·
-	-			_				
-	-			_				
		- —		_				
	-			_				
	-			_				
	-			_				
	-			_				
				_				
				-			-	
¹Tvpe: C = 0	Concentration, D =	Depletic	n. RM = Reduced	Mat	rix. MS =	Masked	Sand Grains. ² Lo	ocation: PL = Pore Lining, M = Matrix.
Hydric Soil			,		.,			Indicators for Problematic Hydric Soils ³ :
Histoso			Polyvalue Re	low S	urface (8) (LRR	R, MLRA 149B)	,
	oipedon (A2)		Thin Dark Su					2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R)
Black H	stic (A3)		Loamy Muck					5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gleye					Dark Surface (S7) (LRR K, L)
	d Layers (A5)		Depleted Ma					Polyvalue Below Surface (S8) (LRR K, L)
	d Below Dark Surf	ace (A11						Thin Dark Surface (S9) (LRR K, L)
	ark Surface (A12) Jucky Mineral (S1)		Depleted Dar)		Iron-Manganese Masses (F12) (LRR K, L, R)
			Redox Depre	55101	15 (F0)			Piedmont Floodplain Soils (F19) (MLRA 149B)
-	ileyed Matrix (S4) edox (S5)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
_	d Matrix (S6)							Red Parent Material (F21)
	rface (S7) (LRR R, N	ΛΙ DΔ 1./ι	0R)					Very Shallow Dark Surface (TF12)
Dark 30	11ace (37) (LKK K, K	ALIXA 14.	90)					Other (Explain in Remarks)
³ Indicators	of hydrophytic veg	etation	and wetland hydr	olog	y must b	e preser	nt, unless disturbe	ed or problematic.
Restrictive	_ayer (if observed):							
	Type:		None			Hydric	Soil Present?	Yes No
	Depth (inches):							
Remarks:								
1								

Photo of Sample Plot



Project/Site: East Point	City/Cou	nty: Sharon Springs, Schoharie Cou	unty Sampling Date:	2018-May-23			
Applicant/Owner: Nex	ktEra	State: Nev	w York Sampling Point: W	<i>I-</i> AJF-13; PEM-1			
Investigator(s): Antho	າy Froonjian, VNM, KAT	Section, Township,	Range:				
Landform (hillslope, terr	ace, etc.): Swale	Local relief (concave, conv	/ex, none): Concave	Slope (%): 2-5			
Subregion (LRR or MLRA): MLRA 101 of LRR L	Lat: 42.785164	Long: -74.5646634	Datum: WGS84			
Soil Map Unit Name: _	lion and Appleton soils, 3 to 8 percen	it slopes (laB)	NWI classifica	tion: None			
Are climatic/hydrologic o	onditions on the site typical for this ti	=	(If no, explain in Remark	(S.)			
Are Vegetation, S	oil, or Hydrology signifi		al Circumstances" present?	Yes No			
Are Vegetation, S	oil, or Hydrology natura	ally problematic? (If needed,	explain any answers in Remai	rks.)			
SUMMARY OF FINDI	NGS – Attach site map showing	sampling point locations, trai	nsects, important feature	s, etc.			
Hydrophytic Vegetation	Present? Yes No	_					
Hydric Soil Present?	Yes <u></u> ✓ No	Is the Sampled Area withi	n a Wetland?	⁄es No			
Wetland Hydrology Pres	sent? Yes 🟒 No	If yes, optional Wetland S	ite ID:	V-AJF-13			
	native procedures here or in a separa		·				
Remarks. (Explain alteri	adive procedures here or in a separa	te report)					
TRC covertype is PEM.							
31							
11VDDQ1 QCV							
HYDROLOGY							
Wetland Hydrology Indi	cators:						
Primary Indicators (min	imum of one is required; check all tha	at apply)	Secondary Indicators (minimi	um of two required)			
Surface Water (A1)	Water-St	ained Leaves (B9)	Surface Soil Cracks (B6)				
∕ High Water Table (A	2) Aquatic F	auna (B13)	✓ Drainage Patterns (B10)				
✓ Saturation (A3)	Marl Dep	osits (B15)	Moss Trim Lines (B16)				
Water Marks (B1)	, ,	n Sulfide Odor (C1)	Dry-Season Water Table (C2)				
Sediment Deposits (B2) Oxidized	Rhizospheres on Living Roots (C3)	Crayfish Burrows (C8)Saturation Visible on Aeria	al Imagony (CO)			
Drift Danasits (P2)	Proconce	of Poducod Iron (C4)	Stunted or Stressed Plant				
Drift Deposits (B3) Algal Mat or Crust (E		of Reduced Iron (C4) on Reduction in Tilled Soils (C6)	Geomorphic Position (D2)				
Iron Deposits (B5)		:k Surface (C7)	Shallow Aquitard (D3))			
· ·		(plain in Remarks)	Microtopographic Relief (I	D4)			
	Concave Surface (B8)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	✓ FAC-Neutral Test (D5)	,			
Field Observations:							
Surface Water Present?	Yes No _ ✓	Depth (inches):					
Water Table Present?	Yes _✓_ No	Depth (inches): 3	- Wetland Hydrology Present?	Yes No			
Saturation Present?	Yes _ ✓ _ No	Depth (inches): 0					
(includes capillary fringe	2)	· · · · · · · · · · · · · · · · · · ·	•				
· , ,	s (stream gauge, monitoring well, aeri	ial photos, previous inspections), if a	available:	 -			
	. (,					
Remarks:							
nemarks.							

	A l l	Danisant	I al! 4	Dominance Test workshoots			
Tree Stratum (Plot size: 30 ft)		Dominant		Dominance Test worksheet:	c That		
	% Cover	Species?	Status	Number of Dominant Specie Are OBL, FACW, or FAC:	Sillat	1	(A)
1							
2				Total Number of Dominant S Across All Strata:	pecies	1	(B)
3				Percent of Dominant Species			
4.				Are OBL, FACW, or FAC:	inat	100	(A/B)
5.				Prevalence Index worksheet:			
6.						a. detalo lo r	
7.				Total % Cover of:		Multiply E	-
		= Total Cove	r	OBL species C		x 1 =	0
Sapling/Shrub Stratum (Plot size:15 ft)		-		FACW species 9:		x 2 =	184
1.				FAC species 13	2 :	x 3 =	36
2.				FACU species C)	x 4 =	0
-				UPL species 0) :	x 5 =	0
3.				Column Totals 10)4	(A)	220 (B)
4				Prevalence Index =	B/A =	2.1	
5				Hydrophytic Vegetation Indic			
6				1- Rapid Test for Hydro		getation	
7				2 - Dominance Test is >	-	Secucion	
	0	_= Total Cove	r	✓ 3 - Prevalence Index is:			
Herb Stratum (Plot size: <u>25 ft. Transect</u>)				4 - Morphological Adap		Drovido d	unporting
1. Poa palustris	84	Yes	FACW	data in Remarks or on a sepa			supporting
2. Rumex crispus	12	No	FAC	Problematic Hydrophyt			olain)
3. Solidago gigantea	8	No	FACW	¹Indicators of hydric soil and			
4.				present, unless disturbed or			y must be
5.				-	•	atic	
6.				Definitions of Vegetation Stra			
7.				Tree – Woody plants 3 in. (7.6 breast height (DBH), regardle			llameter at
						-	Diland
8.				Sapling/shrub – Woody plant greater than or equal to 3.28			DH allu
9				Herb – All herbaceous (non-v			ardlass of
10				size, and woody plants less the			aruless or
11				Woody vines – All woody vine			28 ft in
12				height.	es gi eate	ı (ılalı 3.2	20 11 111
	104	= Total Cove	r				
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation Pres	sent? Ye	s N	0
1							
2.							
3.							
4.							
		= Total Cove	r				
		-					
Remarks: (Include photo numbers here or on a separ	rate sheet.)						

	•	to the	•			indicator	or confirm the al	bsence of indicators.)	
Depth	Matrix		Redox				_		
(inches)	Color (moist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	Loc ²		Texture	Remarks
0 - 7	2.5Y 3/1	95	7.5YR 6/4	_5_	C	M		elly Silt Loam	
7 - 16	2.5Y 6/1	90	7.5YR 6/8	10	C	M	Gravelly	Silty Clay Loam	
						·		_	
	-								
¹Tvne: C = 0	oncentration, D =	 Deplet	ion. RM = Reduce	d Mati	ix. MS =	Masked	Sand Grains. 21 (ocation: PL = Pore Lining,	M = Matrix
Hydric Soil		- 15.50	, ,		.,			Indicators for Problema	
Histoso			Polyvalue Be	2 wol	urface (S	(8) (I RR I	R. MI RA 149R)		•
	pipedon (A2)		Thin Dark S					2 cm Muck (A10) (LR	· · ·
	istic (A3)		Loamy Mucl					Coast Prairie Redox	
l ——	en Sulfide (A4)		Loamy Gley	-		,	•	5 cm Mucky Peat or	
Stratifie	ed Layers (A5)		_✓ Depleted M					Dark Surface (S7) (Li Polyvalue Below Sur	
_ ✓ Deplete	ed Below Dark Surf	ace (A1	1) <u>✓</u> Redox Dark	Surfa	ce (F6)			Thin Dark Surface (S	
	ark Surface (A12)		Depleted Da	ark Su	rface (F7))		Iron-Manganese Ma	
Sandy N	Mucky Mineral (S1)		Redox Depr	essior	ıs (F8)			_	n Soils (F19) (MLRA 149B)
Sandy C	Gleyed Matrix (S4)							Mesic Spodic (TA6) (
Sandy F	Redox (S5)							Red Parent Material	
Strippe	d Matrix (S6)							Very Shallow Dark S	
Dark Su	ırface (S7) (LRR R, N	ILRA 1	49B)					Other (Explain in Re	
3Indicators	of hydrophytic veg	rotation	and wotland by	rolom	, must b	o procon	t uplace disturba	d or problematic	
-	Layer (if observed):		i and welland nyc	i olog	y must be	l presen	t, uriless disturbe	d or problematic.	
Restrictive	•	•	None			Lludric	Cail Dracant?	,	Voc. / No.
	Type:		None	-		nyuric	Soil Present?		Yes No
	Depth (inches):	,							
Remarks:									

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	on Springs, Schoharie Cou	nty Sampl	ling Date: 2018	-May-23		
Applicant/Owner: NextEra		State: New	York Samplin	g Point: W-AJF-	13; UPL-1		
Investigator(s): Anthony Froonj	ian, VNM, KAT	Section, Township,	Range:				
Landform (hillslope, terrace, etc.):	till plain	Local relief (concave, conv	ex, none): Convex		Slope (%): 5-10		
Subregion (LRR or MLRA): M	LRA 101 of LRR L	Lat: 42.7851382	Long: -74.564	752 <u></u> [Datum: WGS84		
Soil Map Unit Name: Honeoye-	Farmington complex, 2 to 10 percent	slopes (HfB)	NV	VI classification:	None		
Are climatic/hydrologic conditions	on the site typical for this time of ye	ar? Yes <u>✓</u> No	(If no, explair	n in Remarks.)			
Are Vegetation, Soil,	or Hydrology significantly dis		al Circumstances" p	oresent? Ye	es No		
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed,	explain any answe	rs in Remarks.)			
Summary of Findings – A	ttach site map showing samplir	ng point locations, tran	isects, importan	nt features, et	c.		
Hydrophytic Vegetation Present?	Yes No _ ✓						
Hydric Soil Present?	Yes No	Is the Sampled Area within	n a Wetland?	Yes	No⁄_		
•		·		_			
Wetland Hydrology Present?	Yes No _ _ _	If yes, optional Wetland Si	te iD:				
Remarks: (Explain alternative pro	cedures here or in a separate report						
TRC covertype is UPL.							
HYDROLOGY							
Wetland Hydrology Indicators:							
Primary Indicators (minimum of	one is required; check all that apply)		Secondary Indicate		f two required)		
Surface Water (A1)	Water-Stained Lea		Surface Soil Cr				
High Water Table (A2)	Aquatic Fauna (B1		Drainage Patte				
Saturation (A3)	Marl Deposits (B1		Moss Trim Lines (B16)				
Water Marks (B1)	Hydrogen Sulfide		Dry-Season Water Table (C2) Crayfish Burrows (C8)				
Sediment Deposits (B2)	Oxidized Rhizosph	neres on Living Roots (C3)	Saturation Visi		agery (C9)		
Drift Deposits (B3)	Prosonce of Poduc	ed Iron (CA)	Stunted or Stre				
Algal Mat or Crust (B4)	Presence of Reduce	tion in Tilled Soils (C6)	Geomorphic P)		
Iron Deposits (B5)	Thin Muck Surface		Shallow Aquita				
Inundation Visible on Aerial Ir		• •	Microtopograp				
Sparsely Vegetated Concave S	· · · · · · · · · · · · · · · · · · ·	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	FAC-Neutral Te				
Field Observations:				,			
Surface Water Present?	Yes No 🟒 Depth ((inches):					
Water Table Present?	•	(inches):	 Wetland Hydrolog	v Present?	Yes No _ ∡_		
			Wedana Hydrolog	y rresent.	165116		
Saturation Present?	Yes No Depth ((inches):					
(includes capillary fringe)					_ .		
Describe Recorded Data (stream	gauge, monitoring well, aerial photos	s, previous inspections), if a	vailable:				
Remarks:							

Tree Stratum (Plot size:30 ft)	Absolute	Dominant	Indicator	Dominance Test worksheet:		
1.	% Cover	Species?	Status	Number of Dominant Species Th Are OBL, FACW, or FAC:	at 1	(A)
2.				Total Number of Dominant Speci	es a	
3.				Across All Strata:	2	(B)
4.				Percent of Dominant Species Tha	t 50	(A (D)
·				Are OBL, FACW, or FAC:		(A/B)
5.				Prevalence Index worksheet:		
6.				Total % Cover of:	<u>Multiply</u>	By:
7				OBL species 0	x 1 =	0
	0	= Total Cov	/er	FACW species 0	x 2 =	0
Sapling/Shrub Stratum (Plot size: 15 ft)				FAC species 12	x 3 =	36
1				FACU species 32	x 4 =	128
2				- UPL species 12	x 5 =	60
3				- Column Totals 56	_ (A)	224 (B)
4					_ `` -	224 (b)
5.	<u> </u>			Prevalence Index = B/A		
6.				Hydrophytic Vegetation Indicator		
7.				1- Rapid Test for Hydrophyt	_	1
	0	= Total Cov	/er	2 - Dominance Test is > 50%		
Herb Stratum (Plot size: 25 ft. Transect)		-		3 - Prevalence Index is ≤ 3.0)1	
1. Plantago major	28	Yes	FACU	4 - Morphological Adaptatio	ns¹ (Provide	supporting
				data in Remarks or on a separate		
2. Barbarea vulgaris	12	Yes	FAC	Problematic Hydrophytic Ve	getation1 (Ex	kplain)
3. Hypericum perforatum	8	<u>No</u>	UPL	 Indicators of hydric soil and wet 	,	gy must be
4. Artemisia vulgaris	4	<u>No</u>	UPL	present, unless disturbed or prol	lematic	
5. <i>Chenopodium album</i>	4	No	FACU	_ Definitions of Vegetation Strata:		
6.				_ Tree – Woody plants 3 in. (7.6 cm	or more in	diameter at
7				breast height (DBH), regardless o	f 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.	<u> </u>			Herb – All herbaceous (non-wood		gardless of
11.				size, and woody plants less than	3.28 ft tall.	
12.				Woody vines – All woody vines gr	eater than 3	.28 ft in
	56	= Total Cov	/er	height.		
Woody Vine Stratum (Plot size:30 ft)		-		Hydrophytic Vegetation Present	' Yes N	No <u> </u>
1.						
·				-		
2				-		
3.				_		
4				_		
	0	= Total Cov	/er			
Remarks: (Include photo numbers here or on a separat	e sheet.)					
	•					

Profile Des	cription: (Describe Matrix	to the de	epth needed to de			ndicato	or confirm the al	bsence of indicator	rs.)
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ure	Remarks
0 - 12	10YR 3/4	100	20.0. (0.50)	·	.,,,,,		Silty Cla		Ap horizon
12 - 18	10YR 4/4	100		_			Silt L	_	Ap horizon
						<u></u>			
				- -					
				_					
				_ 					
¹Type: C = 0	Concentration, D =	 Depletio	n. RM = Reduced	Matr	ix. MS =	 Masked	Sand Grains 210	ocation: PL = Pore	 Lining M = Matrix
Hydric Soil		_ = = = = = = = = = = = = = = = = = = =	, neadeed		,				oblematic Hydric Soils³:
Black Hi Hydrogo Stratifie Deplete Thick Do Sandy N Sandy C	i (A1) pipedon (A2) stic (A3) en Sulfide (A4) d Layers (A5) d Below Dark Surfark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) dedox (S5) d Matrix (S6)		Thin Dark Su Loamy Muck Loamy Gleye Depleted Ma	rface / Min d Ma trix (F surfac k Sur	(S9) (LRR eral (F1) trix (F2) F3) te (F6) face (F7)	R, MLR (LRR K, I		Coast Prairie 5 cm Mucky F Dark Surface Polyvalue Bel Thin Dark Sur Iron-Mangane Piedmont Flo Mesic Spodic	ow Surface (S8) (LRR K, L) rface (S9) (LRR K, L) ese Masses (F12) (LRR K, L, R) odplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B)
Dark Su	rface (S7) (LRR R, N	/ILRA 149	9B)					Other (Explain	
-	of hydrophytic veg		and wetland hydr	ology	/ must be	e preser	t, unless disturbe	d or problematic.	
	Layer (if observed):		Nissa			I books a	C-11 Dun + 2		Ver No. 1
	Type:		None			Hyaric	Soil Present?		Yes No/
Remarks:	Depth (inches):								

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	ron Springs, Schoharie Coun	ty Sampling I	Date: 2018-May-23			
Applicant/Owner: NextEra		State: New	York Sampling Po	int: W-AJF-14; PEM-1			
Investigator(s): Anthony Froonj	ian, VNM, KAT	Section, Township, R	lange:				
Landform (hillslope, terrace, etc.):	till plain	Local relief (concave, conve	x, none): Concave	Slope (%): 0-1			
Subregion (LRR or MLRA): M	LRA 101 of LRR L	Lat: 42.7844511	Long: -74.5658652	Datum: WGS84			
· — ·	Farmington complex, 2 to 10 percent		NWI cla	assification: None			
• •	s on the site typical for this time of ye		(If no, explain in F				
Are Vegetation, Soil,	or Hydrology significantly dis		Circumstances" prese				
Are Vegetation, Soil,	or Hydrology naturally probl	lematic? (If needed, e	xplain any answers in	Remarks.)			
SUMMARY OF FINDINGS - A	ttach site map showing sampli	ng point locations, trans	sects, important fe	atures, etc.			
Hydrophytic Vegetation Present?	Yes No	[
Hydric Soil Present?	Yes _ _ No	Is the Sampled Area within	hin a Wetland? Yes No				
Wetland Hydrology Present?	Yes No	If yes, optional Wetland Site	e ID:	W-AJF-14			
	cedures here or in a separate report						
The state of the s	account of the contract of the	,					
TRC covertype is PEM.							
HYDROLOGY							
				_			
Wetland Hydrology Indicators:	!- was wine do abook all that apply)	c					
•	one is required; check all that apply)		-	minimum of two required)			
Surface Water (A1)	Water-Stained Lea		Surface Soil Cracks Drainage Patterns (
✓ High Water Table (A2)✓ Saturation (A3)	Aquatic Fauna (B1 Marl Deposits (B1		Moss Trim Lines (B16)				
Saturation (A3) Water Marks (B1)	Mari Deposits (BT Hydrogen Sulfide		Dry-Season Water Table (C2)				
Sediment Deposits (B2)	, ,	neres on Living Roots (C3)	6 (C.) B (CO)				
		-	Saturation Visible o	on Aerial Imagery (C9)			
Drift Deposits (B3)	Presence of Redu		Stunted or Stressed				
Algal Mat or Crust (B4)		ction in Tilled Soils (C6)	Geomorphic Position				
Iron Deposits (B5)	Thin Muck Surface		Shallow Aquitard ([
Inundation Visible on Aerial Ir		Remarks) _	Microtopographic F				
Sparsely Vegetated Concave S Field Observations:	surface (bo)		✓ FAC-Neutral Test (D	יכן			
Surface Water Present?	Yes No <u></u> Depth	(inches):					
		·	Motland Lludrology Dry	ocent? Voc. (No.			
Water Table Present?	•		Wetland Hydrology Pro	esent? Yes No			
Saturation Present?	Yes _ No Depth	(inches): 0					
(includes capillary fringe)							
Describe Recorded Data (stream	gauge, monitoring well, aerial photo	s, previous inspections), if a	vailable:				
Remarks:							

	Absolute	Dominant	Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size: 30 ft)		Species?	Status	Number of Dominant Species Tha		
1.	70 COVC	эрсскоз.	<u> </u>	Are OBL, FACW, or FAC:	2	(A)
				Total Number of Dominant Specie	<u> </u>	
2.				Across All Strata:	2	(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	B <u>v:</u>
7				OBL species 40	x 1 =	40
	0	_= Total Cove	r	FACW species 47	x 2 =	94
Sapling/Shrub Stratum (Plot size: 15 ft)				FAC species 15	x 3 =	45
1				FACU species 0	x 4 =	0
2				UPL species 0	x5=	0
3.				Column Totals 102	_ ^3 (A)	179 (B)
4.					- '' -	179 (6)
5.				Prevalence Index = B/A =		
6.				Hydrophytic Vegetation Indicators		
7.				1- Rapid Test for Hydrophytic	Vegetation	
		= Total Cove	r	✓ 2 - Dominance Test is >50%		
Herb Stratum (Plot size:5 ft)		-		\checkmark 3 - Prevalence Index is \le 3.0°		
1. Typha latifolia	40	Yes	OBL	4 - Morphological Adaptation		supporting
2. Poa palustris	35	Yes	FACW	data in Remarks or on a separate		
3. Barbarea vulgaris	 	No No	FAC	Problematic Hydrophytic Ve		
4. Impatiens capensis	12	No	FACW	¹Indicators of hydric soil and wetla		gy must be
· · · · · · · · · · · · · · · · · · ·	12	INO	FACW	present, unless disturbed or prob	ematic	
5.				Definitions of Vegetation Strata:		
6.				Tree – Woody plants 3 in. (7.6 cm)		liameter at
7				breast height (DBH), regardless of	_	
8				Sapling/shrub – Woody plants less		BH and
9				greater than or equal to 3.28 ft (1		
10				Herb – All herbaceous (non-woody		gardless of
11				size, and woody plants less than 3		20 ft :
12				Woody vines – All woody vines gre	ater than 3.	28 IL III
	102	= Total Cove	r	height.		
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation Present?	Yes N	0
1						
2.						
3.						
4.						
	0	= Total Cove	r			
Remarks: (Include photo numbers here or on a separa	ate sneet.)					

Profile Des Depth	cription: (Describe Matrix	to the c	lepth needed to o			indicato	r or confirm the a	bsence of indicate	ors.)
(inches)	Color (moist)	%	Color (moist)	% %	Type ¹	Loc ²	Text	ure	Remarks
0 - 4	2.5Y 3/1	100	Color (moist)		Турс		Sil		Kernarks
4 - 14	2.5Y 5/1	85	7.5YR 6/8	15		M	Silty Cla		
	2.51 3/1		7.511(0/0	- 13			Sirty Cia	y Louin	
			-				_		
				_					
				- —					
				-					
1T C		D l - +:	DM Dadwar				Const Construction		- Lining M. Mannin
	Concentration, D =	Depleti	on, RIVI = Reduced	ıvıatı	1X, IVIS =	Masked	Sand Grains. ² L		e Lining, M = Matrix.
Hydric Soil			Debaseline D	doc	f /~	O) // PP	D MIDA 440D		roblematic Hydric Soils³:
Histoso	i (A1) pipedon (A2)		Polyvalue Be				R, MLRA 149B) a 149B)		(A10) (LRR K, L, MLRA 149B)
	istic (A3)		Loamy Muck						e Redox (A16) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gleye	-		(2111114)	-,	-	Peat or Peat (S3) (LRR K, L, R)
, 0	d Layers (A5)		Depleted Ma						e (S7) (LRR K, L)
Deplete	d Below Dark Surf	face (A1						•	elow Surface (S8) (LRR K, L) urface (S9) (LRR K, L)
	ark Surface (A12)		Depleted Da	rk Suı	face (F7))			nese Masses (F12) (LRR K, L, R)
Sandy N	/lucky Mineral (S1)		Redox Depr	ession	ıs (F8)				loodplain Soils (F19) (MLRA 149B)
Sandy 0	Gleyed Matrix (S4)								ic (TA6) (MLRA 144A, 145, 149B)
Sandy F	Redox (S5)							Red Parent	
Strippe	d Matrix (S6)								w Dark Surface (TF12)
Dark Su	ırface (S7) (LRR R, I	MLRA 14	l9B)					Other (Expl	
3Indicators	of hydrophytic ve	getation	and wetland hyd	rology	/ must h	e nreser	nt unless disturbe	ed or problematic	
	Layer (if observed)		and mediana nga	. 0.08,	, mase s	1	.,	. а от р. озгантана	
nesa reare	Type:	,.	None			Hvdric	Soil Present?		Yes No
	Depth (inches):			-		,	55		
Remarks:	Deptir (irieries).					1			
Remarks.									
i									
i									
l									

Photo of Sample Plot



Project/Site: East Point		City/County: Share	on Springs, Schoharie Cou	ınty	Sampling Date: 201	8-May-23		
Applicant/Owner: NextEra			State: Nev	w York	Sampling Point: W-AJ	F-14; UPL-1		
Investigator(s): Anthony Froon	ijian, VNM, KAT		Section, Township,	Range:				
Landform (hillslope, terrace, etc.)): till plain	l	ocal relief (concave, conv	ex, none):_	Undulatiing	Slope (%): 2-5		
Subregion (LRR or MLRA): N	MLRA 101 of LRR L		Lat: 42.7844553	Long:_	-74.5658158	Datum: WGS84		
Soil Map Unit Name: Honeoye	-Farmington comp	lex, 2 to 10 percent	slopes (HfB)		NWI classification	n: None		
Are climatic/hydrologic condition	• •	•			, explain in Remarks.)			
Are Vegetation, Soil,		significantly dist			•	Yes No		
Are Vegetation, Soil,	or Hydrology _	naturally proble	matic? (If needed,	explain any	y answers in Remarks.)		
SUMMARY OF FINDINGS – A	Attach site map s	showing samplin	g point locations, trar	nsects, im	portant features, e	etc.		
Hydrophytic Vegetation Present	_	✓_ No						
Hydric Soil Present?	Yes _	No _ _ _	Is the Sampled Area with	in a Wetlan	id? Yes	sNo_ <u>_</u> ∠		
Wetland Hydrology Present?	Yes _	No _ _ _	If yes, optional Wetland S	Site ID:				
Remarks: (Explain alternative professional p	ocedures nere or in	i a separate report)						
HYDROLOGY								
Wetland Hydrology Indicators:								
Primary Indicators (minimum of	one is required; ch	eck all that apply)		Secondary	Indicators (minimum	of two required)		
Surface Water (A1)	•	Water-Stained Leav	/es (B9)	Surface	e 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 C		Dry-Season Water Table (C2) Crayfish Burrows (C8)				
Sediment Deposits (B2)		Oxidized Rhizosphe	eres on Living Roots (C3)	-	n Burrows (C8) tion Visible on Aerial Ir	magany (CQ)		
Drift Deposits (B3)		Presence of Reduce	nd Iron (C1)		d or Stressed Plants (E			
Algal Mat or Crust (B4)			ion in Tilled Soils (C6)		orphic Position (D2)) i j		
Iron Deposits (B5)	_	Thin Muck Surface			w Aquitard (D3)			
Inundation Visible on Aerial I		_ Other (Explain in Re			opographic Relief (D4)			
Sparsely Vegetated Concave	Surface (B8)			FAC-Ne	eutral Test (D5)			
Field Observations:								
Surface Water Present?	Yes No	✓ Depth (i	nches):	_				
Water Table Present?	Yes No _	✓ Depth (i	nches):	Wetland H	lydrology Present?	Yes No		
Saturation Present?	Yes No	✓ Depth (i	nches):	=				
(includes capillary fringe)				-				
Describe Recorded Data (stream	n gauge, monitoring	well, aerial photos,	previous inspections), if a	available:				
·			' ' "					
Remarks:								

	Absolute	Dominant	Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size:30 ft)		Species?	Status	Number of Dominant Species Tha	-	
1.	70 0010.	орес.сэ.		Are OBL, FACW, or FAC:	2	(A)
2.				Total Number of Dominant Specie	5 -	
				Across All Strata:	3	(B)
3.				Percent of Dominant Species That		(4 (5)
4				Are OBL, FACW, or FAC:	66.7	(A/B)
5.				Prevalence Index worksheet:		<u> </u>
6				Total % Cover of:	Multiply E	<u>Ву:</u>
7				OBL species 0	x 1 =	0
	0	= Total Cove	er	FACW species 0	x 2 =	0
Sapling/Shrub Stratum (Plot size: 15 ft)				FAC species 36	x 3 =	108
1				FACU species 20	x 4 =	80
2				UPL species 0	x 5 =	0
3				Column Totals 56	- (A)	188 (B)
4.				Prevalence Index = B/A	- '' -	100 (B)
5.						
6.				Hydrophytic Vegetation Indicators		
7.				1- Rapid Test for Hydrophytic	Vegetation	
	0	= Total Cove	er	2 - Dominance Test is >50%		
Herb Stratum (Plot size:25 ft. Transect)		=		3 - Prevalence Index is ≤ 3.0°		
1. Rumex crispus	24	Yes	FAC	4 - Morphological Adaptation		supporting
2. Senecio hieraciifolius	16	Yes	FACU	data in Remarks or on a separate		
3. Barbarea vulgaris	12	Yes	FAC	Problematic Hydrophytic Veg		
4. Ambrosia artemisiifolia	4	No No	FACU	¹Indicators of hydric soil and wetla		gy must be
5.		110	TACO	present, unless disturbed or prob	ematic	
				Definitions of Vegetation Strata:		
6.				Tree – Woody plants 3 in. (7.6 cm)		liameter at
7.				breast height (DBH), regardless of	_	
8				Sapling/shrub – Woody plants less		BH and
9				greater than or equal to 3.28 ft (1		
10				Herb – All herbaceous (non-wood) size, and woody plants less than 3		ardiess of
11				Woody vines – All woody vines gre		20 ft in
12				height.	ater triair 3.2	2011111
	56	= Total Cove	er		.,	
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation Present?	Yes N	0
1						
2						
3.						
4.						
	0	= Total Cove	er			
Remarks: (Include photo numbers here or on a separa	to choot)	<u>-</u>				
Remarks. (include prioto numbers here or on a separa	ite sileet.)					

	cription: (Describe	to the d	•			indicato	r or confirm the	absence of i	ndicators.)
Depth	Matrix		Redox						_
(inches)	Color (moist)		Color (moist)	<u>%</u>	Type ¹	Loc ²	Textur		Remarks
0 - 14	10YR 3/4	100		_			Silt Loa		Ap horizon
14 - 18	10YR 4/4	100		_			Silt Loa	am	Ap horizon
				_					
				_					
				_					
				_					
				_					
				_					
				_					
				_					
				_					
				_					
¹Type: C = 0	Concentration, D =	Depletio	on, RM = Reduced	Mat	rix, MS =	Masked	Sand Grains.	² Location: PL	= Pore Lining, M = Matrix.
Hydric Soil	Indicators:							Indicator	rs for Problematic Hydric Soils³:
Histoso	l (A1)		Polyvalue Bel	ow S	Surface (S	88) (LRR	R, MLRA 149B)	2 cm	Muck (A10) (LRR K, L, MLRA 149B)
Histic E	pipedon (A2)		Thin Dark Sur	face	(S9) (LRF	R R, MLR	A 149B)		t Prairie Redox (A16) (LRR K, L, R)
Black H	istic (A3)		Loamy Mucky	/ Mir	neral (F1)	(LRR K,	L)		Mucky Peat or Peat (S3) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gleye						Surface (S7) (LRR K, L)
	ed Layers (A5)		Depleted Mat						value Below Surface (S8) (LRR K, L)
	ed Below Dark Surf	ace (A11						Thin I	Dark Surface (S9) (LRR K, L)
	ark Surface (A12) Mucky Mineral (S1)		Depleted Dar Redox Depre)		Iron-N	Manganese Masses (F12) (LRR K, L, R)
-	Gleyed Matrix (S4)		Redox Depre	55101	15 (FO)			Piedn	mont Floodplain Soils (F19) (MLRA 149B)
	Redox (S5)							Mesic	c Spodic (TA6) (MLRA 144A, 145, 149B)
_	d Matrix (S6)								Parent Material (F21)
	u Matrix (56) ırface (S7) (LRR R, I	MIDA 14	OD)					-	Shallow Dark Surface (TF12)
Daik 30	111ace (37) (LKK K, 1	VILION 14	96)					Other	r (Explain in Remarks)
3Indicators	of hydrophytic veg	getation	and wetland hydr	olog	y must b	e preser	nt, unless distur	bed or proble	ematic.
Restrictive	Layer (if observed)	:							
	Type:		None			Hydric	Soil Present?	,	Yes No/_
	Depth (inches):								
Remarks:		·				•			
l									

Photo of Sample Plot



EXAT EVER L Ver till (Ma) E typical for this time of yology significantly cology naturally prology naturally prology No Yes No Yes No Yes No Yes No Yes re or in a separate report	ing point locations, tran Is the Sampled Area withir If yes, optional Wetland Sit	Range: ex, none): Concave Long: -74.5693146 NWI classi (If no, explain in Rem Il Circumstances" present? explain any answers in Rei sects, important featu	? Yes 🟒 No marks.)
e LRR L ver till (Ma) e typical for this time of y ology significantly o ology naturally prol map showing sampl Yes No Yes No Yes No	Local relief (concave, converted to Lat: 42.7824074 rear? Yes _ ✓ No listurbed? Are "Norma plematic? (If needed, explaining point locations, trans list the Sampled Area withing If yes, optional Wetland Site.	ex, none): Concave Long: -74.5693146 NWI classi (If no, explain in Rem Il Circumstances" present? explain any answers in Rei sects, important feature	Datum: WGS84 fication: None narks.) 7 Yes _ No marks.) ures, etc. Yes _ No
LRR L ver till (Ma) e typical for this time of y ology significantly c ology naturally prol map showing sampl Yes No Yes No Yes No	Lat: 42.7824074 rear? Yes _ ✓ No listurbed? Are "Norma plematic? (If needed, eding point locations, tran	Long: -74.5693146 NWI classi (If no, explain in Rem il Circumstances" present? explain any answers in Rei sects, important featu	Datum: WGS84 fication: None narks.) 7 Yes _ No marks.) ures, etc. Yes _ No
rer till (Ma) e typical for this time of y ology significantly o ology naturally prol map showing sampl Yes No Yes No Yes No	rear? Yes No _ listurbed? Are "Norma plematic? (If needed, e ing point locations, tran Is the Sampled Area within If yes, optional Wetland Sit	NWI classi (If no, explain in Rem Il Circumstances" present? explain any answers in Rei sects, important featu	fication: None narks.) ? Yes _ No marks.) ures, etc. Yes _ No
e typical for this time of yoology significantly cology naturally prology naturally prology No Yes No Yes No	ing point locations, tran Is the Sampled Area withir If yes, optional Wetland Sit	(If no, explain in Rem all Circumstances" present? explain any answers in Reu sects, important featu n a Wetland?	yes No
ology significantly cology naturally prology map showing sampl Yes No Yes No Yes No	ing point locations, tran Is the Sampled Area withir If yes, optional Wetland Sit	al Circumstances" present? explain any answers in Rei sects, important featu n a Wetland?	? Yes _ ✓ No marks.) ures, etc. Yes _ ✓ No
map showing sampl Yes No Yes No Yes No	ing point locations, tran Is the Sampled Area withir If yes, optional Wetland Sit	sects, important featu	ures, etc. Yes No
map showing sampl Yes No Yes No Yes _ No	ing point locations, tran Is the Sampled Area withir If yes, optional Wetland Sit	sects, important featu	ures, etc. Yes No
Yes No Yes No Yes No	Is the Sampled Area within	n a Wetland?	Yes/_ No
Yes No Yes No Yes No	Is the Sampled Area within	n a Wetland?	Yes/_ No
Yes No Yes No	If yes, optional Wetland Sit		
Yes No	If yes, optional Wetland Sit		
Yes No	If yes, optional Wetland Sit		
		ice ib.	WAJI-13
ere or in a separate repoi	U		
ired; check all that apply	1	Secondary Indicators (min	imum of two required)
Water-Stained Le	eaves (B9)	Surface Soil Cracks (B6	5)
		✓ Drainage Patterns (B10	0)
		Moss Trim Lines (B16)	
· ·		Dry-Season Water Tab	le (C2)
Oxidized Rhizosr	pheres on Living Roots (C3)	Crayfish Burrows (C8)	
	,	Saturation Visible on A	erial Imagery (C9)
Presence of Red	uced Iron (C4)	Stunted or Stressed Pl	ants (D1)
Recent Iron Redu	uction in Tilled Soils (C6)	 ∕ Geomorphic Position (D2)
Thin Muck Surfa		· ·	,
		•	ef (D4)
•			
_No _ ∠ Dept	h (inches):		
•		 Wetland Hydrology Prese	nt? Yes _∠_ No
	· · · · —		
Denti	ii (iiiciies).		
o			
	Water-Stained Le Aquatic Fauna (E Marl Deposits (B Hydrogen Sulfide Oxidized Rhizosp Presence of Rede Recent Iron Rede Thin Muck Surfa Other (Explain in) No ✓ Depte	Water-Stained Leaves (B9) Aquatic Fauna (B13) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7)) Other (Explain in Remarks)) No Depth (inches):	

	Absolute	Dominant	Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size:30 ft)		Species?	Status	Number of Dominant Species That		
1.	70 COVC	эрескоз.	Julia	Are OBL, FACW, or FAC:	3	(A)
				Total Number of Dominant Species		
2.				Across All Strata:	3	(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 I	B <u>v:</u>
7				OBL species 35	x 1 =	35
	0	_= Total Cove	er	FACW species 20	x 2 =	40
Sapling/Shrub Stratum (Plot size:15 ft)				FAC species 30	x 3 =	90
1				FACU species 0	x 4 =	0
2				UPL species 0	x 5 =	0
3.				Column Totals 85	· -	165 (B)
4.					(A) _	103 (B)
5.				Prevalence Index = B/A =	1.9	
6.				Hydrophytic Vegetation Indicators:		
7.				1- Rapid Test for Hydrophytic	Vegetation	
		= Total Cove	er e	✓ 2 - Dominance Test is >50%		
Herb Stratum (Plot size: _ 5 ft)		-		\checkmark 3 - Prevalence Index is ≤ 3.0 ¹		
1. Typha latifolia	35	Yes	OBL	4 - Morphological Adaptation		supporting
2. Equisetum arvense	25	Yes	FAC	data in Remarks or on a separate s		
3. Poa palustris	20	Yes	FACW	Problematic Hydrophytic Veg		•
· · · ·			FAC	Indicators of hydric soil and wetla		gy must be
		No	FAC	present, unless disturbed or proble	ematic	
5.				Definitions of Vegetation Strata:		
6.				Tree – Woody plants 3 in. (7.6 cm) (liameter at
7				breast height (DBH), regardless of	_	
8	- ——			Sapling/shrub – Woody plants less		BH and
9				greater than or equal to 3.28 ft (1 r		
10				Herb – All herbaceous (non-woody		gardless of
11				size, and woody plants less than 3.		20 ft :
12				Woody vines – All woody vines great	ater than 3.	28 IL III
	85	= Total Cove	er	height.		
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation Present?	Yes N	0
1						
2.						
3.		·				
4.						
	0	= Total Cove	er			
Demonstration (Included a back and a second and back and a second	4143	=				
Remarks: (Include photo numbers here or on a separa	te sneet.)					

Profile Des	cription: (Describe Matrix	to the d	lepth needed to d			indicato	or confirm the	absence of indicato	ors.)
(inches)	Color (moist)		Color (moist)		Type ¹	Loc ²	Tex	xture	Remarks
0 - 4	7.5YR 2.5/1	100	20.0. (0.54)	. 	.,,,,,			Loam	
4 - 16	2.5Y 5/1	80	5YR 6/8	20		M		lay Loam	
4-10	2.51 5/1	- 00	311.0/6	20		171	Silty Ci	lay Loaiii	
				-					
		- —							
				. —					
¹Type: C = 0	Concentration, D =	Depleti	on, RM = Reduced	d Matı	rix, MS =	Masked	Sand Grains. 2	² Location: PL = Pore	e Lining, M = Matrix.
Hydric Soil	Indicators:							Indicators for P	roblematic Hydric Soils³:
Histoso	l (A1)		Polyvalue Be	low S	urface (S	8) (LRR I	R, MLRA 149B)	2 cm Muck ((A10) (LRR K, L, MLRA 149B)
	oipedon (A2)		Thin Dark Su						e Redox (A16) (LRR K, L, R)
	istic (A3)		Loamy Muck			(LRR K, I	_)		Peat or Peat (S3) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gleye					Dark Surfac	
	d Layers (A5)		Depleted Ma						elow Surface (S8) (LRR K, L)
	d Below Dark Surf	ace (A I						Thin Dark Su	urface (S9) (LRR K, L)
	ark Surface (A12) Jucky Mineral (S1)		Depleted Da Redox Depre)		Iron-Manga	nese Masses (F12) (LRR K, L, R)
	Gleyed Matrix (S4)		Redox Depre	233101	15 (1-0)			Piedmont Fl	oodplain Soils (F19) (MLRA 149B)
_	Redox (S5)							Mesic Spodi	ic (TA6) (MLRA 144A, 145, 149B)
_	d Matrix (S6)							Red Parent	
	u Matrix (30) irface (S7) (LRR R, I	MIDA 14	OD)						w Dark Surface (TF12)
Dark Su	111ace (37) (LKK K, 1	VILKA 14	136)					Other (Expla	ain in Remarks)
3Indicators	of hydrophytic veg	getation	and wetland hyd	rology	y must b	e preser	it, unless disturb	oed or problematic.	
Restrictive	Layer (if observed)	:							
	Type:		None			Hydric	Soil Present?		Yes/_ No
	Depth (inches):			-					
Remarks:						- 1			

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	on Springs, Schoharie Cou	nty Sam	pling Date: 2018	R-May-23		
Applicant/Owner: NextEra		State: New	v York Sampl	ing Point: W-AJF-	-15; UPL-1		
Investigator(s): Anthony Froon	jian, VNM, KAT	Section, Township,	Range:				
Landform (hillslope, terrace, etc.)	till plain	Local relief (concave, conve	ex, none): Conve	÷X	Slope (%): 5-10		
Subregion (LRR or MLRA): N	ILRA 101 of LRR L	Lat: 42.782499	Long: -74.56	93199	Datum: WGS84		
Soil Map Unit Name: Honeoye	-Farmington complex, 2 to 10 percent	slopes (HfB)	N	NWI classification:	None		
Are climatic/hydrologic condition	s on the site typical for this time of ye	ar? Yes <u>✓</u> No	(If no, expla	in in Remarks.)			
Are Vegetation, Soil,	or Hydrology significantly dis		al Circumstances'	' present? Ye	es No		
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed,	explain any answ	ers in Remarks.)			
SUMMARY OF FINDINGS – A	ttach site map showing samplir	ng point locations, tran	nsects, importa	int features, et	ic.		
Hydrophytic Vegetation Present?	? Yes No _ _/ _						
Hydric Soil Present?	Yes No	Is the Sampled Area within	n a Wetland?	Yes	No⁄_		
		·					
Wetland Hydrology Present?	Yes No _ ∠	If yes, optional Wetland Si	te iD:				
Remarks: (Explain alternative pro	ocedures here or in a separate report)						
TRC covertype is UPL.							
HYDROLOGY							
Wetland Hydrology Indicators:							
Primary Indicators (minimum of	one is required; check all that apply)		-	ators (minimum o	of two required)		
Surface Water (A1)	Water-Stained Lea	ves (B9)	Surface Soil (
High Water Table (A2)	Aquatic Fauna (B1	3)	Drainage Patterns (B10)				
Saturation (A3)	Marl Deposits (B1		Moss Trim Lines (B16)				
Water Marks (B1)	Hydrogen Sulfide		Dry-Season Water Table (C2) Crayfish Burrows (C8)				
Sediment Deposits (B2)	Oxidized Rhizosph	neres on Living Roots (C3)	•	sible on Aerial Im	2gen/(C9)		
Drift Deposits (B3)	Dracanca of Dadu	and Iron (CA)					
Algal Mat or Crust (B4)	Presence of Reduce	tion in Tilled Soils (C6)	Stunted or St	tressed Plants (D1	1)		
Iron Deposits (B5)	Thin Muck Surface		Shallow Aqui				
Inundation Visible on Aerial I				aphic Relief (D4)			
Sparsely Vegetated Concave	· · · · · · · · · · · · · · · · · · ·	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	FAC-Neutral				
Field Observations:							
Surface Water Present?	Yes No <u></u> ✓ Depth ((inches):					
Water Table Present?	•	(inches):	Wetland Hydrolo	nov Present?	Yes No		
			·	ngy i reseric:	103100		
Saturation Present?	Yes No Depth ((inches):					
(includes capillary fringe)							
Describe Recorded Data (stream	gauge, monitoring well, aerial photos	, previous inspections), if a	available:				
Remarks:							
1							

	Absolute	Dominant	Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size:30 ft)		Species?	Status	Number of Dominant Species That	4	(4)
1. Betula populifolia (cultivar)	25	Yes	UPL	Are OBL, FACW, or FAC:	1	(A)
2.			012	Total Number of Dominant Species		(D)
3.		·		Across All Strata:	3	(B)
4.	· ——			Percent of Dominant Species That	33.3	(A /D)
5.	. ——			Are OBL, FACW, or FAC:		(A/B)
-		·		Prevalence Index worksheet:		
6.				Total % Cover of:	Multiply E	<u>By:</u>
7	25	T-t-LC-		OBL species 0	x 1 =	0
	25	= Total Cove	er	FACW species 0	x 2 =	0
Sapling/Shrub Stratum (Plot size:15 ft)			=	FAC species 23	x 3 =	69
1. Lonicera morrowii	3	No	FACU	FACU species 50	x 4 =	200
2	· ——			UPL species 25	x 5 =	125
3				Column Totals 98	(A)	394 (B)
4				Prevalence Index = B/A =		
5				Hydrophytic Vegetation Indicators:		
6.				1- Rapid Test for Hydrophytic \	/egetation	
7				2 - Dominance Test is > 50%	egetation	
	3	= Total Cov	er	$3 - Prevalence Index is \le 3.0^{\circ}$		
Herb Stratum (Plot size:5 ft)				4 - Morphological Adaptations	l (Drovido c	upporting
1. Dactylis glomerata	35	Yes	FACU	- data in Remarks or on a separate sh		upporting
2. Barbarea vulgaris	15	Yes	FAC	Problematic Hydrophytic Vege		nlain)
3. Senecio hieraciifolius	12	No	FACU	¹Indicators of hydric soil and wetlan		
4. Equisetum arvense	8	No	FAC	present, unless disturbed or proble	, .	y mast be
5.				Definitions of Vegetation Strata:		
6.				Tree – Woody plants 3 in. (7.6 cm) or	r more in d	iameter at
7.				breast height (DBH), regardless of h		idiricter de
8.				Sapling/shrub – Woody plants less t	_	BH and
9.	· ——			greater than or equal to 3.28 ft (1 m		
40	· ——			Herb – All herbaceous (non-woody)		ardless of
		·		size, and woody plants less than 3.2	8 ft tall.	
11.	· ——			Woody vines – All woody vines grea	ter than 3.2	28 ft in
12	70	= Total Cove		height.		
Manda Vina Chuchum (Plat sina) 20 ft		_ TOTAL COV	21	Hydrophytic Vegetation Present?	es N	· /
Woody Vine Stratum (Plot size: 30 ft)				J. I. J. I. I. I. I. I. I. I. I. I. I. I. I. I.		
1.	· ——			-		
2.	· ——			-		
3.				-		
4	· ——			-		
	0	= Total Cov	er			
Remarks: (Include photo numbers here or on a separa	te sheet.)					
Property is bordered by colonnade of ornamental "wh	itespire" gr	ay birches				
, , , , , , , , , , , , , , , , , , , ,	, - 0.	•				

	•	o the	•			indicato	r or confirm the	absence of indicators.)
Depth	Matrix		Redox					
(inches)	Color (moist)	<u>%</u>	Color (moist)	%	Type ¹	Loc²	Texture	e Remarks
0 - 16	10YR 4/4						Silt Loa	M Ap horizon
	1							
						· <u></u>		· ·
				_				
				_		· 		
	1			_				
				- —				
	-			_				
1T	Composition D = [ion DM - Doduce		- NC -	Maaliad	Canal Cusins 3	21 - setions DI - David Lining M - Matrix
		Jepiei	ion, Rivi = Reduced	ı ıvıa	trix, ivi5 =	Masked	Sand Grains.	² Location: PL = Pore Lining, M = Matrix.
Hydric Soil			D		- r ::	co. # ==		Indicators for Problematic Hydric Soils ³ :
Histoso	` '		,		-		R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
	oipedon (A2) istic (A3)		Thin Dark Su Loamy Muck					Coast Prairie Redox (A16) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gleye	-		(LKK K, I	∟)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
	d Layers (A5)		Depleted Ma					Dark Surface (S7) (LRR K, L)
	d Below Dark Surfa	ce (A1						Polyvalue Below Surface (S8) (LRR K, L)
	ark Surface (A12)	CC (/ (1	Depleted Da			')		Thin Dark Surface (S9) (LRR K, L)
	Mucky Mineral (S1)		Redox Depre			,		Iron-Manganese Masses (F12) (LRR K, L, R)
-	Gleyed Matrix (S4)				. ,			Piedmont Floodplain Soils (F19) (MLRA 149B)
	Redox (S5)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
-	d Matrix (S6)							Red Parent Material (F21)
	rface (S7) (LRR R, M	I RA 1	49R)					Very Shallow Dark Surface (TF12)
Bark sa	Trace (57) (Litting III		.55,					Other (Explain in Remarks)
3Indicators	of hydrophytic vege	etation	n and wetland hyd	rolog	gy must b	e preser	nt, unless disturb	oed or problematic.
Restrictive	Layer (if observed):							
	Type:		None	_		Hydric	Soil Present?	Yes No <u>_</u> ✓
	Depth (inches):	·		_				
Remarks:						•		

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	ron Springs, Schoharie Cou	unty	Sampling Date: 2018	8-May-23
Applicant/Owner: NextEra		State: Nev	w York Sa	ampling Point: W-AJF	-16; PEM-1
Investigator(s): Anthony Froor	ijian, KAT	Section, Township,	Range:		
Landform (hillslope, terrace, etc.): Flat	Local relief (concave, conv	/ex, none):_N	lone	Slope (%): 2-5
Subregion (LRR or MLRA):	MLRA 101 of LRR L	Lat: 42.7957364	Long: -7	74.5708435	Datum: WGS84
Soil Map Unit Name: Alluvial l	and (Al)			NWI classification:	None
Are climatic/hydrologic condition	ns on the site typical for this time of ye	ar? Yes <u>✓</u> No	(If no, e	explain in Remarks.)	
Are Vegetation, Soil,	or Hydrology significantly dis	sturbed? Are "Norma	al Circumstar	nces" present? Ye	es No
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed,	explain any a	answers in Remarks.)	
SUMMARY OF FINDINGS - A	Attach site map showing sampli	ng point locations, trar	nsects, imp	ortant features, et	tc.
Hydrophytic Vegetation Present	:? Yes _ ✓_ No	ĺ			
Hydric Soil Present?	Yes _ ✓ _ No	Is the Sampled Area withi	in a Wetland?	Yes	∠_ No
	Yes No	If yes, optional Wetland Si		W-A IF	
Wetland Hydrology Present?			ite ib.	VV-AJI	10
Remarks: (Explain alternative pr	ocedures here or in a separate report)			
TRC covertype is PEM.					
HYDROLOGY					
Watland Lludralam Indicators					
Wetland Hydrology Indicators:	f and is required; shock all that apply)		Cocondanyl	ndicators (minimum c	of two required)
•	f one is required; check all that apply)		-	ndicators (minimum o	or two required)
Surface Water (A1)	Water-Stained Lea			Soil Cracks (B6) e Patterns (B10)	
✓ High Water Table (A2)	Aquatic Fauna (B1		_	m Lines (B16)	
Saturation (A3) Water Marks (B1)	Marl Deposits (B1 Hydrogen Sulfide			son Water Table (C2)	
Sediment Deposits (B2)	, ,	neres on Living Roots (C3)	•	Burrows (C8)	
	<u> </u>	ici es en zining neces (es)	Saturatio	on Visible on Aerial Im	agery (C9)
Drift Deposits (B3)	Presence of Redu	ced Iron (C4)	Stunted	or Stressed Plants (D1)
Algal Mat or Crust (B4)	Recent Iron Reduc	ction in Tilled Soils (C6)	Geomor	phic Position (D2)	
Iron Deposits (B5)	Thin Muck Surface	e (C7)	Shallow A	Aquitard (D3)	
Inundation Visible on Aerial		Remarks)		oographic Relief (D4)	
Sparsely Vegetated Concave	Surface (B8)		<u></u> FAC-Neu	tral Test (D5)	
Field Observations:					
Surface Water Present?	Yes No Depth	(inches):	_		
Water Table Present?	Yes No Depth	(inches): 7	Wetland Hy	drology Present?	Yes No
Saturation Present?	Yes No Depth	(inches): 0			
(includes capillary fringe)					
Describe Recorded Data (stream	n gauge, monitoring well, aerial photo:	s, previous inspections), if a	available:		
Remarks:					

Tree Stratum (Plot size:30 ft)	Absolute	Dominant	Indicator	Dominance Test worksheet:		
1.	% Cover	Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC:	3	(A)
2.				Total Number of Dominant Species		
3.				Across All Strata:	3	(B)
				Percent of Dominant Species That	100	(A (D)
4				Are OBL, FACW, or FAC:	100	(A/B)
5.				Prevalence Index worksheet:		
6.				Total % Cover of:	Multiply I	By:
7				- OBL species 0	x 1 =	0
	0	= Total Cov	er	FACW species 70	x 2 =	140
Sapling/Shrub Stratum (Plot size: 15 ft)				FAC species 5	x 3 =	15
1. Cornus amomum	5	Yes	FACW	FACU species 0	x 4 =	0
2				UPL species 0	x 5 =	0
3				Column Totals 75	(A)	155 (B)
4.				Prevalence Index = B/A =	-	133 (b)
5.						
6.				Hydrophytic Vegetation Indicators:		
7.				1- Rapid Test for Hydrophytic	egetation/	
· ·		= Total Cov	er	_ ✓ 2 - Dominance Test is >50%		
Herb Stratum (Plot size:5 ft)		-	C.	\checkmark 3 - Prevalence Index is $\le 3.0^{1}$		
1. Phalaris arundinacea	40	Yes	FACW	4 - Morphological Adaptations	¹ (Provide s	supporting
				data in Remarks or on a separate sh	neet)	
2. Impatiens capensis	25	Yes	FACW	- Problematic Hydrophytic Vege	tation¹ (Ex	plain)
3. Barbarea vulgaris	5	No	FAC	- landicators 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 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	gardless 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
	70	= Total Cov	er	height.		
Woody Vine Stratum (Plot size: 30 ft)		-	C.	Hydrophytic Vegetation Present?	Yes 🟒 N	0
1.						
				-		
2.				-		
3.				-		
4				-		
	0	= Total Cov	er			
Remarks: (Include photo numbers here or on a separat	e sheet.)			-		
	•					

(inches)	Matrix		Redox		ures				
	Color (moist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	Loc²	Text		Remarks
0 - 6	10YR 2/1			. —			Silt Lo		
6 - 16	2.5Y 4/1	85	7.5YR 6/8	15	C	<u>M</u>	Silty Clay	y Loam	
				. —					
	-								
				. —					
				. —					
									
IT: ::= c . C			ion DM - Doduce		in MC -	Nankad (Sand Cusins 21	a sations DL — Dans	Lining M Matrix
	Concentration, D =	pepieti	iori, kivi = Keauce	u iviat	ı ıx, IVIS =	iviaSKed S	oanu Grains. ² L	ocation: PL = Pore	
Hydric Soil Histoso			Dobassius D	مامید د	iurfaca (C	O) (I DD D	MI DA 140D)		oblematic Hydric Soils³:
	r (AT) pipedon (A2)		Polyvalue Be				, MLRA 149B) 149B)		.10) (LRR K, L, MLRA 149B)
	istic (A3)		Loamy Mucl						Redox (A16) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gley			` , ,			Peat or Peat (S3) (LRR K, L, R)
Stratifie	d Layers (A5)		_✓ Depleted Ma					Dark Surface	ow Surface (S8) (LRR K, L)
	d Below Dark Surfa	ace (A1	1) Redox Dark	Surfa	ce (F6)			•	face (S9) (LRR K, L)
	ark Surface (A12)		Depleted Da)			ese Masses (F12) (LRR K, L, R)
	Mucky Mineral (S1)		Redox Depr	essior	ıs (F8)				odplain Soils (F19) (MLRA 149B)
-	Gleyed Matrix (S4)								(TA6) (MLRA 144A, 145, 149B)
_	Redox (S5)							Red Parent M	laterial (F21)
	d Matrix (S6)		405)					Very Shallow	Dark Surface (TF12)
Dark Su	ırface (S7) (LRR R, N	/ILRA 14	49B)					Other (Explai	n in Remarks)
	of budrophytic you	etation	and wetland hyd	Irolog	y must be	e present	, unless disturbe	d or problematic.	
3Indicators	or riyaropriyac veg								
	Layer (if observed):	;							
Restrictive			None	_		Hydric S	Soil Present?	Y	es <u>✓</u> No
Restrictive	Layer (if observed):	: 	None	-		Hydric S	ooil Present?	Y	es No
Restrictive	Layer (if observed): Type:	: 	None	-		Hydric S	ooil Present?		es/_ No
Restrictive	Layer (if observed): Type:	:	None			Hydric S	ooil Present?	<u> </u>	es No
Restrictive	Layer (if observed): Type:	:	None			Hydric S	ooil Present?		es <u>_</u> No
Restrictive	Layer (if observed): Type:	-	None	-		Hydric S	ooil Present?		es No
Restrictive	Layer (if observed): Type:	: 	None			Hydric S	ooil Present?		es No
Restrictive	Layer (if observed): Type:		None	-		Hydric S	ooll Present?		es No
Restrictive	Layer (if observed): Type:	:	None	-		Hydric S	soll Present?		es No
Restrictive	Layer (if observed): Type:	:	None			Hydric S	soll Present?		es No
Restrictive	Layer (if observed): Type:		None	-		Hydric S	soll Present?	Y	es No
Restrictive	Layer (if observed): Type:		None			Hydric S	soll Present?		es No
Restrictive	Layer (if observed): Type:		None			Hydric S	soll Present?	<u> </u>	es No
Restrictive	Layer (if observed): Type:		None			Hydric S	soll Present?	· ·	es No
Restrictive	Layer (if observed): Type:		None			Hydric S	soll Present?	<u> </u>	es No
Restrictive	Layer (if observed): Type:		None			Hydric S	soll Present?		es No
Restrictive	Layer (if observed): Type:		None			Hydric S	soll Present?	Y	es No
Restrictive	Layer (if observed): Type:		None			Hydric S	soll Present?	Y	es No
Restrictive	Layer (if observed): Type:		None			Hydric S	soll Present?	· ·	es No
Restrictive	Layer (if observed): Type:		None			Hydric S	soll Present?	· ·	es No

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	ron Springs, Schoharie Coun	rie County Sampling Date: 2018-May-23			
Applicant/Owner: NextEra		State: New	York :	Sampling Point: W-AJF	-16; UPL-1	
Investigator(s): Anthony Froonjia	an, KAT	Section, Township, R	Range:			
Landform (hillslope, terrace, etc.):	till plain	Local relief (concave, conve	ex, none):_	Convex	Slope (%): 5-10	
Subregion (LRR or MLRA): ML	RA 101 of LRR L	Lat: 42.7956618	Long:_	-74.5708501	Datum: WGS84	
Soil Map Unit Name: Alluvial lan	ıd (Al)			NWI classification	: None	
Are climatic/hydrologic conditions	on the site typical for this time of ye	ear? Yes <u>✓</u> No _	(If no	, explain in Remarks.)		
Are Vegetation, Soil,	or Hydrology significantly dis	sturbed? Are "Normal	l Circumst	ances" present?	es No	
Are Vegetation, Soil,	or Hydrology naturally probl	lematic? (If needed, e	explain any	y answers in Remarks.)		
SUMMARY OF FINDINGS - At	tach site map showing sampli	ng point locations, trans	sects, im	portant features, e	tc.	
Hydrophytic Vegetation Present?	Yes No _ ✓					
Hydric Soil Present?	Yes No	Is the Sampled Area within	a Wetland	d? Yes	No⁄_	
_	Yes No _ _	<u> </u>				
Wetland Hydrology Present?		If yes, optional Wetland Site	e ib.			
Remarks: (Explain alternative prod	cedures here or in a separate report)				
TDC covertype is LIDI						
TRC covertype is UPL.						
HYDROLOGY						
Wetland Hydrology Indicators:						
Primary Indicators (minimum of o	ne is required; check all that apply)	(Secondary	/ Indicators (minimum	of two required)	
Surface Water (A1)	Water-Stained Lea	aves (B9)	Surface	e Soil Cracks (B6)	·	
High Water Table (A2)	Aquatic Fauna (B1		Draina	ge Patterns (B10)		
Saturation (A3)	Marl Deposits (B1	5) -		Trim Lines (B16)		
Water Marks (B1)	Hydrogen Sulfide	Odor (C1)	-	ason Water Table (C2)		
Sediment Deposits (B2)	Oxidized Rhizosph	neres on Living Roots (C3)	-	sh Burrows (C8)	(C0)	
Deift Day agite (D2)	Dunana af Dadu			tion Visible on Aerial In		
Drift Deposits (B3) Algal Mat or Crust (B4)	Presence of Redu	cea iron (C4) _ ction in Tilled Soils (C6) _		d or Stressed Plants (Dorphic Position (D2)	1)	
Iron Deposits (B5)	Thin Muck Surface			w Aquitard (D3)		
Inundation Visible on Aerial Im				opographic Relief (D4)		
Sparsely Vegetated Concave Si		,		eutral Test (D5)		
Field Observations:						
Surface Water Present?	Yes No Depth	(inches):				
Water Table Present?	Yes No _ _/ Depth	(inches):	Wetland H	lydrology Present?	Yes No ∠	
Saturation Present?		(inches):		,		
(includes capillary fringe)	163 140 _ 					
	gauge, monitoring well, aerial photo:	c provious inspections) if a	vailables			
Describe Recorded Data (stream)	gauge, monitoring well, aeriai prioto:	s, previous irispections), ir av	valiable.			
Do ma o when						
Remarks:						

<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)		Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That		
1. <i>Fraxinus americana</i>	10	Yes	FACU	Are OBL, FACW, or FAC:	0	(A)
2.				Total Number of Dominant Species	3	(B)
3.				Across All Strata:		
4.				Percent of Dominant Species That	0	(A/B)
5.				Are OBL, FACW, or FAC: Prevalence Index worksheet:		
6				- Total % Cover of:	Multiply	Bv:
7				OBL species 0	x 1 =	0
	10	_= Total Cov	er	FACW species 12	x 2 =	24
Sapling/Shrub Stratum (Plot size: 15 ft)				FAC species 0	x 3 =	0
1. Rubus idaeus	15	Yes	FACU	FACU species 95	x 4 =	380
2.				- UPL species 0	x 5 =	0
3.				- Column Totals 107	(A)	404 (B)
4				Prevalence Index = B/A =	3.8	
5				Hydrophytic Vegetation Indicators:		
6				1- Rapid Test for Hydrophytic	√egetatior	1
7	15	= Total Cov	or	2 - Dominance Test is > 50%		
Herb Stratum (Plot size: 5 ft.)		_ 10tal Cov	er	3 - Prevalence Index is $\leq 3.0^{1}$		
1. Alliaria petiolata	55	Yes	FACU	4 - Morphological Adaptations		supporting
Solidago canadensis	15	No	FACU	data in Remarks or on a separate sl		
3. Impatiens capensis	12	No	FACW	Problematic Hydrophytic Vege		•
4.			171011	Indicators of hydric soil and wetlar	,	gy must be
5.				present, unless disturbed or proble Definitions of Vegetation Strata:	mauc	
6.				Tree – Woody plants 3 in. (7.6 cm) o	r more in	diameter at
7.				breast height (DBH), regardless of h		didifficter de
8.				Sapling/shrub – Woody plants less t		DBH and
9.				greater than or equal to 3.28 ft (1 m		
10.				Herb – All herbaceous (non-woody)		gardless of
11.				size, and woody plants less than 3.2		
12.				Woody vines – All woody vines grea	ter than 3	.28 ft in
	82	= Total Cov	er	height.		
Woody Vine Stratum (Plot size: 30 ft)		_		Hydrophytic Vegetation Present?	Yes 1	Vo <u> </u>
1				_		
2.				_		
3				_		
4				_		
	0	= Total Cov	er			
Remarks: (Include photo numbers here or on a separat	e sheet.)					
•	,					

Profile Desc Depth	ription: (Describe to Matrix	o the	depth needed to o			indicato	r or confirm the a	absence of indicators.)
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0 - 5	10YR 3/2						Loam	
5 - 16	10YR 5/3	_					Silt Loam	n
		- —						
		- —						
		- —						
				- —				-
				- —				-
				- —				-
				- —				-
				_				
1Type: C = C	oncentration, D = D	enlet	ion RM = Reduce	d Ma	trix MS =	Masked	Sand Grains 21	ocation: PL = Pore Lining, M = Matrix.
Hydric Soil I		zepiec	ion, Rivi Reduce	a ivia	CITA, IVIS	WIGSKEG	Saria Grains.	Indicators for Problematic Hydric Soils ³ :
Histosol			Polyvalue Re	-low	Surface (9	58) (J RR	R, MLRA 149B)	·
	pipedon (A2)		Thin Dark Su					2 cm Muck (A10) (LRR K, L, MLRA 149B)
Black Hi	•		Loamy Mucl					Coast Prairie Redox (A16) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
Hydroge	en Sulfide (A4)		Loamy Gley	ed M	atrix (F2)			5 cm Mucky Peat of Peat (55) (LRR K, L, R) Dark Surface (S7) (LRR K, L)
Stratifie	d Layers (A5)		Depleted Ma	atrix	(F3)			Polyvalue Below Surface (S8) (LRR K, L)
	d Below Dark Surfa	ce (A1						Thin Dark Surface (S9) (LRR K, L)
	ark Surface (A12)		Depleted Da)		Iron-Manganese Masses (F12) (LRR K, L, R)
	lucky Mineral (S1)		Redox Depr	essio	ns (F8)			Piedmont Floodplain Soils (F19) (MLRA 149B)
-	ileyed Matrix (S4)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
-	edox (S5)							Red Parent Material (F21)
	Matrix (S6)		40D)					Very Shallow Dark Surface (TF12)
Dark Su	rface (S7) (LRR R, M	LKA I	498)					Other (Explain in Remarks)
3Indicators	of hydrophytic vege	tation	n and wetland hyd	Irolog	gy must b	e preser	nt, unless disturbe	ed or problematic.
Restrictive L	ayer (if observed):							
	Type:		None	_		Hydric	Soil Present?	Yes No
	Depth (inches):							
Remarks:								

Photo of Sample Plot



Project/Site: East Point	City/County:_ Sha	ron Springs, Schoharie Cou	ınty	Sampling Date: 2018	8-May-23		
Applicant/Owner: NextEra		State: Nev	w York Sa	ampling Point: W-AJF	-17; PAB-1		
Investigator(s): Anthony Froonjie	an, KAT	Section, Township,	Range:				
Landform (hillslope, terrace, etc.):	Swamp	Local relief (concave, conv	ex, none):(Concave	Slope (%): 0-1		
Subregion (LRR or MLRA): ML	RA 101 of LRR L	Lat: 42.7950437	Long:	74.5698495	Datum: WGS84		
Soil Map Unit Name: Alluvial lar	nd (Al)			NWI classification	: None		
Are climatic/hydrologic conditions	on the site typical for this time of ye	ear? Yes <u>✓</u> No	(If no,	explain in Remarks.)			
Are Vegetation, Soil,	or Hydrology significantly di			•	′es No		
Are Vegetation, Soil,	or Hydrology naturally prob	lematic? (If needed,	explain any	answers in Remarks.)			
SUMMARY OF FINDINGS – At	tach site map showing sampli	ng point locations, trar	nsects, imp	oortant features, e	tc.		
Hydrophytic Vegetation Present?	Yes _ ✓ _ No						
Hydric Soil Present?	Yes No	Is the Sampled Area withi	n a Wetland?	? Yes _	✓_ No		
Wetland Hydrology Present?	Yes No	If yes, optional Wetland S	ite ID:	W-AJ	F-17		
	cedures here or in a separate report	t)					
Tremainer (Explain alternative provi	ional os more or in a separate report	•,					
TDC assessment in DAD. Communic Daily	et in within DEM work on die die eente	- DADtl d fl d - d l	la a accessa al access	_			
TRC covertype is PAB. Sample Poir	nt is within PEM wetland adjacent to	a PAB wetland flooded by	beaver dams	S.			
HYDROLOGY							
Wetland Hydrology Indicators:							
	ne is required; check all that apply)		Secondary I	Indicators (minimum o	of two required)		
			-	Soil Cracks (B6)	or two required)		
✓ Surface Water (A1)	Water-Stained Le			e Patterns (B10)			
High Water Table (A2) Saturation (A3)	_ <u>√</u> Aquatic Fauna (B´ Marl Deposits (B1		Moss Tri				
Water Marks (B1)	Main Deposits (B)		Dry-Season Water Table (C2)				
Sediment Deposits (B2)		heres on Living Roots (C3)	Crayfish	Burrows (C8)			
		g (,	Saturati	on Visible on Aerial Im	nagery (C9)		
Drift Deposits (B3)	Presence of Redu	ced Iron (C4)	Stunted	or Stressed Plants (D	1)		
Algal Mat or Crust (B4)	Recent Iron Redu	ction in Tilled Soils (C6)	_✓ Geomor	phic Position (D2)			
Iron Deposits (B5)	Thin Muck Surfac			Aquitard (D3)			
Inundation Visible on Aerial Im	· · · · · · · · · · · · · · · · · · ·	Remarks)		pographic Relief (D4)			
Sparsely Vegetated Concave S	urface (B8)		<u>✓</u> FAC-Neu	utral Test (D5)			
Field Observations:							
Surface Water Present?	Yes No Depth	(inches): 6	-				
Water Table Present?	Yes <u></u> ✓ No Depth	(inches): 0	Wetland Hy	drology Present?	Yes No		
Saturation Present?	Yes No Depth	(inches): 0	_				
(includes capillary fringe)							
Describe Recorded Data (stream g	gauge, monitoring well, aerial photo	s, previous inspections), if	available:				
Remarks:							
This area has been flooded by a b	eaver dam to the west, near Staleyv	ville Rd.					

Tree Stratum (Plot size:30 ft)		Dominant	Indicator	Dominance Test worksheet:		
<u></u>	% 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:		
4.				Percent of Dominant Species That	100	(A/B)
5.				Are OBL, FACW, or FAC:		`_
				Prevalence Index worksheet:		
7.				Total % Cover of:	Multiply	<u>Ву:</u>
/·				OBL species 5	x 1 =	5
	0	_= Total Cov	er	FACW species 55	x 2 =	110
Sapling/Shrub Stratum (Plot size: 15 ft)				FAC species 20	x 3 =	60
1. <i>Cornus racemosa</i>	5	Yes	FAC	- FACU species 0	x 4 =	0
2				- UPL species 0	x 5 =	0
3				- Column Totals 80	(A)	175 (B)
4.					-	173 (b)
5.				Prevalence Index = B/A =	2.2	
6.				Hydrophytic Vegetation Indicators:		
7.				1- Rapid Test for Hydrophytic	Vegetation	
·-		= Total Cove		2 - Dominance Test is >50%		
		_ 10tal Cove	er	\checkmark 3 - Prevalence Index is \le 3.01		
Herb Stratum (Plot size:5 ft)	50	.,	E4.6144	4 - Morphological Adaptations	1 (Provide	supporting
1. <i>Phalaris arundinacea</i>	50	Yes	FACW	data in Remarks or on a separate s	heet)	
2. Equisetum arvense	15	Yes	FAC	Problematic Hydrophytic Vege	etation¹ (Ex	plain)
3. Acorus calamus	5	No	OBL	- Indicators of hydric soil and wetlar	nd hydrolog	gy must be
4. <i>Carex annectens</i>	5	No	FACW	present, unless disturbed or proble	matic	
5.				Definitions of Vegetation Strata:		
6.				Tree – Woody plants 3 in. (7.6 cm) c	r more in o	diameter at
7.				breast height (DBH), regardless of h		
8.				Sapling/shrub – Woody plants less		BH and
9.				greater than or equal to 3.28 ft (1 n		
				Herb – All herbaceous (non-woody)		ardless of
10				size, and woody plants less than 3		54. 4.055 0.
11				Woody vines – All woody vines grea		28 ft in
12				height.		
	75	_= Total Cov	er		\/aa	
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation Present?	yes IN	10
1				_		
2				_[
3.						
4.				-		
	0	= Total Cove	or	-		
Remarks: (Include photo numbers here or on a separat	e sheet.)					

	cription: (Describe	to the d	-			ndicato	or confirm the al	bsence of indicat	tors.)
Depth	Matrix		Redo				- .		
(inches)	Color (moist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	Loc ²	Textu		Remarks
0 - 6	7.5YR 3/1	100					Sil		
6 - 16	5Y 5/1	85	5YR 6/8	15	C	M	Silty Clay	y Loam	
				- —					
	-			. —					
	Concentration, D =	Depleti	on, RM = Reduced	d Mati	rix, MS =	Masked	Sand Grains. ² Lo		e Lining, M = Matrix.
-	Indicators:							Indicators for F	Problematic Hydric Soils³:
Histoso			-				R, MLRA 149B)	2 cm Muck	(A10) (LRR K, L, MLRA 149B)
	pipedon (A2)		Thin Dark Su					Coast Prair	ie Redox (A16) (LRR K, L, R)
	istic (A3) en Sulfide (A4)		Loamy Muck	-		(LKK K, I	-)		y Peat or Peat (S3) (LRR K, L, R)
	ed Layers (A5)		Loanly Gleye						ce (S7) (LRR K, L)
	ed Below Dark Surf	ace (A11							Below Surface (S8) (LRR K, L)
	ark Surface (A12)		Depleted Da		` '				Surface (S9) (LRR K, L)
Sandy N	Mucky Mineral (S1)		Redox Depr	essior	ıs (F8)				anese Masses (F12) (LRR K, L, R)
Sandy (Gleyed Matrix (S4)								Floodplain Soils (F19) (MLRA 149B) lic (TA6) (MLRA 144A, 145, 149B)
Sandy I	Redox (S5)							Red Parent	
Strippe	d Matrix (S6)								w Dark Surface (TF12)
Dark Su	urface (S7) (LRR R, I	MLRA 14	9B)					-	lain in Remarks)
3lndicators	of budrophytic voc	rotation	and watland by	rolom	, must b	. nrocon	t uplace disturba		
-	of hydrophytic veg Layer (if observed)		and welland nyd	rolog	y must be	preser	it, uriless disturbe	d or problematic	
resu reuve	Type:	•	None			Hydric	Soil Present?		Yes/_ No
	Depth (inches):		None	-		liyanc	John Frederic.		163 <u>-</u> 4-140
Remarks:	Deptir (inches).					1			
Remarks.									
i									

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	ron, Schoharie County	Sampling Date: 2018-May-23			
Applicant/Owner: NextEra		State: Nev	w York Sampling	g Point: W-AJF-17; PFO-2		
Investigator(s): Anthony Froon	ijian, KAT	Section, Township,	Range:			
Landform (hillslope, terrace, etc.)	: Swamp	Local relief (concave, conv	ex, none): None	Slope (%): 2-5		
Subregion (LRR or MLRA): N	/ILRA 101 of LRR L	Lat: 42.7944451	Long: -74.567	7642 Datum: WGS84		
Soil Map Unit Name: Alluvial la	and (Al)		NW	VI classification: None		
Are climatic/hydrologic condition	is on the site typical for this time of ye	ar? Yes <u></u> ✓ No	(If no, explain	in Remarks.)		
Are Vegetation, Soil,	or Hydrology significantly dis		al Circumstances" p			
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed,	explain any answer	rs in Remarks.)		
SUMMARY OF FINDINGS – A	Attach site map showing samplii	ng point locations, trai	nsects, importan	t features, etc.		
Hydrophytic Vegetation Present	? Yes No					
Hydric Soil Present?	Yes No	Is the Sampled Area withi	in a Wetland?	Yes/_ No		
Wetland Hydrology Present?		If yes, optional Wetland S		W-A JF-17		
	Yes No		ite ib.	VV-AJF-17		
Remarks: (Explain alternative pro	ocedures here or in a separate report)				
TRC covertype is PFO.						
HYDROLOGY						
Walland Hadrala en la disakana						
Wetland Hydrology Indicators:			Casamalamilmaliaska			
•	one is required; check all that apply)		-	ors (minimum of two required)		
Surface Water (A1)	Water-Stained Lea		Surface Soil Cra Drainage Patte			
✓ High Water Table (A2)	Aquatic Fauna (B1		Moss Trim Line			
✓ Saturation (A3)	Marl Deposits (B1 Hydrogen Sulfide		Dry-Season Water Table (C2)			
Water Marks (B1) Sediment Deposits (B2)	, ,	neres on Living Roots (C3)	G G L G (GC)			
Sediment Deposits (B2)	Oxidized Nilizospi	icres on Living Roots (es)	•	ble on Aerial Imagery (C9)		
Drift Deposits (B3)	Presence of Redu	ced Iron (C4)	Stunted or Stre	essed Plants (D1)		
Algal Mat or Crust (B4)	Recent Iron Reduc	ction in Tilled Soils (C6)	Geomorphic Po	osition (D2)		
Iron Deposits (B5)	Thin Muck Surface	e (C7)	Shallow Aquita	rd (D3)		
Inundation Visible on Aerial I		Remarks)	Microtopograp	hic Relief (D4)		
Sparsely Vegetated Concave	Surface (B8)		<u>✓</u> FAC-Neutral Te	st (D5)		
Field Observations:						
Surface Water Present?	Yes No Depth	(inches):	_			
Water Table Present?	Yes No Depth	(inches): 12	Wetland Hydrolog	y Present? Yes No		
Saturation Present?	Yes No Depth	(inches): 4				
(includes capillary fringe)			-			
	n gauge, monitoring well, aerial photos	s, previous inspections), if	available:			
.	8	., p				
Remarks:						
nemarks.						

Tree Stratum (Plot size:30 ft)	Absolute	Dominant	Indicator	Dominance Test worksheet:		
Tree Stratum (Flot Size	% Cover	Species?	Status	Number of Dominant Species That	7	(A)
1. Ulmus americana	45	Yes	FACW	Are OBL, FACW, or FAC:		(A)
2. Salix discolor	25	Yes	FACW	Total Number of Dominant Species	7	(B)
3.				Across All Strata:		
4.				Percent of Dominant Species That	100	(A/B)
5.				Are OBL, FACW, or FAC:		
6.				Prevalence Index worksheet:		
7.				Total % Cover of:	Multiply I	•
	70	= Total Cov	er	OBL species 0	x 1 =	0
Sapling/Shrub Stratum (Plot size:15 ft)				FACW species 135	x 2 =	270
1. Salix discolor	20	Yes	FACW	FAC species 50	x 3 =	150
2. Cornus racemosa	15	Yes	FAC	FACU species 15	x 4 =	60
3. Viburnum lentago	10	Yes	FAC	UPL species 0	x 5 =	0
4.		163	IAC	Column Totals 200	(A)	480 (B)
5.				Prevalence Index = B/A =	2.4	
				Hydrophytic Vegetation Indicators:		
6.				1- Rapid Test for Hydrophytic V	egetation	
7				_ ✓ 2 - Dominance Test is >50%		
	45	= Total Cov	er	3 - Prevalence Index is ≤ 3.01		
Herb Stratum (Plot size:5 ft)				4 - Morphological Adaptations	(Provide s	supporting
1. Onoclea sensibilis	45	Yes	FACW	data in Remarks or on a separate sh	ieet)	•
2. Carex radiata	25	Yes	FAC	Problematic Hydrophytic Vege	tation¹ (Ex _l	olain)
3. Carex gracillima	15	No	FACU	¹ Indicators of hydric soil and wetlan	d hydrolog	y must be
4				present, unless disturbed or problem	matic	
5				Definitions of Vegetation Strata:		
6				Tree – Woody plants 3 in. (7.6 cm) or	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)		ardless of
11.				size, and woody plants less than 3.2		
12.				Woody vines – All woody vines great	er than 3.2	28 ft in
	85	= Total Cov	er	height.		
Woody Vine Stratum (Plot size:30 ft)		-		Hydrophytic Vegetation Present?	∕es <u> </u>	0
1.						
2.						
3.						
4.						
	0	= Total Cov	or			
		- Total Cov				
Remarks: (Include photo numbers here or on a separate	e sheet.)					

	cription: (Describe	to the	•			indicato	r or confirm the	absence of	f indicators.)
Depth	Matrix		Redox	c Feat	ures				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	<u>e</u>	Remarks
0 - 6	10YR 3/2	100	1				Silt Loai	m	
6 - 14	2.5Y 4/1	90	10YR 5/8	10	C	M	Silt Loai	m	
		- —							
						-			
			1						
						-			-
	_			-					
			-				-		
			-	- —					
		Depleti	on, RM = Reduced	d Mat	rıx, MS =	Masked	Sand Grains.		PL = Pore Lining, M = Matrix.
Hydric Soil								Indicato	ors for Problematic Hydric Soils³:
Histoso			Polyvalue Be					2 cr	m Muck (A10) (LRR K, L, MLRA 149B)
	pipedon (A2)		Thin Dark Su					Coa	st Prairie Redox (A16) (LRR K, L, R)
	istic (A3)		Loamy Muck			(LRR K,	L)	5 cn	m Mucky Peat or Peat (S3) (LRR K, L, R)
	en Sulfide (A4) ed Layers (A5)		Loamy Gleye					Dar	k Surface (S7) (LRR K, L)
	ed Layers (A5) ed Below Dark Surf	Faco (A1	Depleted Ma 1) Pedox Dark					Poly	value Below Surface (S8) (LRR K, L)
	ark Surface (A12)	iace (A i	Depleted Da			١		Thir	n Dark Surface (S9) (LRR K, L)
	Mucky Mineral (S1)		Redox Depre			,			n-Manganese Masses (F12) (LRR K, L, R)
	Gleyed Matrix (S4)		Redox Bepre	233101	15 (1 0)				dmont Floodplain Soils (F19) (MLRA 149B)
	Redox (S5)								sic Spodic (TA6) (MLRA 144A, 145, 149B)
_	d Matrix (S6)								Parent Material (F21)
	u Matrix (30) urface (S7) (LRR R, I	MIDA 1	10B)					-	y Shallow Dark Surface (TF12)
Dark 30	111ace (37) (EKK K, 1	WILKA 1-	+30)					Oth	er (Explain in Remarks)
3Indicators	of hydrophytic veg	getation	and wetland hyd	rolog	y must b	e preser	nt, unless disturb	bed or prob	olematic.
Restrictive	Layer (if observed)):							
	Type:		Rock			Hydric	Soil Present?		Yes/_ No
	Depth (inches):		14	•		-			
Remarks:						ı			•

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	ron, Schoharie County	Sampling Date: 2018-May-24			
Applicant/Owner: NextEra		State: Nev	v York Sampli	ing Point: W-AJF-	-17; PSS-3	
Investigator(s): Matt Regan, Kay	rlee Townsend	Section, Township,	Range:			
Landform (hillslope, terrace, etc.):	Depression	Local relief (concave, conv	ex, none): Conca	ive	Slope (%): 0-1	
Subregion (LRR or MLRA): LR	RR L	Lat: 42.7948615	Long: -74.56	81433	Datum: WGS84	
Soil Map Unit Name: DeB: Darie	en silt loam, 2 to 8 percent slopes		N	IWI classification:		
Are climatic/hydrologic conditions	on the site typical for this time of ye	ar? Yes No	(If no, expla	in in Remarks.)		
Are Vegetation, Soil,	or Hydrology significantly dis		al Circumstances'	•	es No	
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed,	explain any answ	ers in Remarks.)		
SUMMARY OF FINDINGS – At	ttach site map showing samplir	ng point locations, trar	nsects, importa	int features, et	c.	
Hydrophytic Vegetation Present?	Yes _ ✓ _ No					
Hydric Soil Present?	Yes _ ✓ No	Is the Sampled Area withi	n a Wetland?	Yes	∠_ No	
Wetland Hydrology Present?	Yes _ ✓ _ No	If yes, optional Wetland S		W-AJF		
	<u> </u>		ite ib.	VV-AJI	17	
Remarks: (Explain alternative pro	cedures here or in a separate report)				
TRC covertype is PSS. Area is weti	land, all three wetland parameters ar	re present.				
· - <u></u>						
HYDROLOGY						
Wetland Hydrology Indicators:						
Primary Indicators (minimum of c	one is required; check all that apply)		-	ators (minimum o	of two required)	
Surface Water (A1)	Water-Stained Lea		Surface Soil (
High Water Table (A2)	Aquatic Fauna (B1		Drainage Pat			
Saturation (A3)	Marl Deposits (B1:		Moss Trim Lines (B16) Dry-Season Water Table (C2)			
Water Marks (B1)	Hydrogen Sulfide					
Sediment Deposits (B2)	Οχιαίζεα κιτίζοςμι	heres on Living Roots (C3)	•	sible on Aerial Im	agery (C9)	
Drift Deposits (B3)	Presence of Reduc	ced Iron (C4)		ressed Plants (D1	0 ,	
Algal Mat or Crust (B4)		ction in Tilled Soils (C6)	Stanted of Stante		,	
Iron Deposits (B5)	Thin Muck Surface		Shallow Aqui			
Inundation Visible on Aerial In			Microtopogra			
Sparsely Vegetated Concave S		· 	FAC-Neutral -			
Field Observations:						
Surface Water Present?	Yes No _ _/ Depth ((inches):				
Water Table Present?	Yes No/ Depth	(inches):	- Wetland Hydrold	ogy Present?	Yes No	
Saturation Present?		(inches):	-		_ -	
	тез по		-			
(includes capillary fringe)			1			
Describe Recorded Data (stream	gauge, monitoring well, aerial photos	s, previous inspections), if a	available:			
Remarks:						

				T			
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)		Dominant		Dominance Test worksheet			
	% Cover	Species?	Status	Number of Dominant Speci	ies That	3	(A)
1				Are OBL, FACW, or FAC:			
2				Total Number of Dominant	Species	3	(B)
3.				Across All Strata:			
4.				Percent of Dominant Specie	es That	100	(A/B)
5.				Are OBL, FACW, or FAC:			
6.				Prevalence Index workshee			_
7.				Total % Cover of:		Multiply I	-
··-		= Total Cove	r	OBL species	0	x 1 =	0
Sapling/Shrub Stratum (Plot size: 15 ft)		- Total cove		FACW species	30	x 2 =	60
1. Rhamnus cathartica	60	Voc	ГАС	FAC species	120	x 3 =	360
·		Yes	FAC	FACU species	0	x 4 =	0
2. Cornus amomum	30	Yes	FACW	UPL species	0	x 5 =	0
3				Column Totals	150	(A)	420 (B)
4				Prevalence Index	= B/A =	2.8	
5				Hydrophytic Vegetation Ind			
6				1- Rapid Test for Hydr		agotation	
7				2 - Dominance Test is		getation	
	90	= Total Cove	r	✓ 3 - Prevalence Index is			
Herb Stratum (Plot size:5 ft)		_				(D	
1. Carex blanda	60	Yes	FAC	4 - Morphological Ada	•		supporting
2.				data in Remarks or on a sep			-l-:->
3.				Problematic Hydrophy			
4.				¹ Indicators of hydric soil an present, unless disturbed o		-	gy must be
5.				` '	-	Iduc	
6.				Definitions of Vegetation St			
				Tree – Woody plants 3 in. (7			liameter at
7.				breast height (DBH), regard			DUL
8.				Sapling/shrub - Woody plan			BH and
9				greater than or equal to 3.2			عد دالدرد
10				Herb – All herbaceous (non size, and woody plants less		_	aruless of
11							20 ft in
12				Woody vines – All woody vines height.	nes greate	er unam 5.	20 11 111
	60	= Total Cove	r				
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation Pr	esent? Ye	es 🚣 N	0
1.							
2.							
3.				·			
4.				•			
	0	= Total Cove	r	•			
Remarks: (Include photo numbers here or on a sepa	rate sheet.)						

	scription: (Describe	to the o	=			indicato	r or confirm the al	bsence of indicat	cors.)
Depth	Matrix		Redo						
(inches)	Color (moist)	<u>%</u>	Color (moist)	%	Type ¹	Loc ²	Text		Remarks
0-6	10YR 4/2	100					Silty Clay		
6 - 18	10YR 4/1	85	7.5YR 4/4	15	C	M/PL	Silty Clay	y Loam	
				_				_	
									-
							_		
¹Type: C =	Concentration, D =	Depleti	on, RM = Reduce	d Ma	trix, MS	= Masked	Sand Grains. ² Lo	ocation: $\overline{PL} = \overline{Por}$	e Lining, M = Matrix.
Hydric Soil	l Indicators:			_				Indicators for F	Problematic Hydric Soils³:
Histoso			Polyvalue B	elow	Surface ((S8) (LRR	R, MLRA 149B)	2 cm Muck	(A10) (LRR K, L, MLRA 149B)
Histic E	Epipedon (A2)		Thin Dark S	urface	e (S9) (LR	R R, MLR	A 149B)		ie Redox (A16) (LRR K, L, R)
	Histic (A3)		Loamy Muc	-			L)		y Peat or Peat (S3) (LRR K, L, R)
	gen Sulfide (A4)		Loamy Gley						ce (S7) (LRR K, L)
	ed Layers (A5)	. ,,,	Depleted M					Polyvalue B	Below Surface (S8) (LRR K, L)
	ed Below Dark Surf Dark Surface (A12)	ace (A1				7)		Thin Dark S	Surface (S9) (LRR K, L)
	Mucky Mineral (S1)		Depleted Da Redox Depr			/)		Iron-Manga	anese Masses (F12) (LRR K, L, R)
	Gleyed Matrix (S4)		Redox Depi	C3310	113 (10)				Floodplain Soils (F19) (MLRA 149B)
-	Redox (S5)							Mesic Spod	lic (TA6) (MLRA 144A, 145, 149B)
-								Red Parent	
	ed Matrix (S6) urface (S7) (LRR R, I	MIDA 1	10D)					-	w Dark Surface (TF12)
Dark 3	urrace (37) (LKK K, I	VILKA 12	+30)					Other (Expl	ain in Remarks)
	s of hydrophytic veg		and wetland hyd	Irolog	gy must l	be preser	nt, unless disturbe	d or problematio	
Restrictive	Layer (if observed)):							
	Type:		None			Hydric S	Soil Present?		Yes/_ No
	Depth (inches):								- -
Remarks:									

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	on Springs, Schoharie Cour	nty Sampling Da	ate: 2018-May-23			
Applicant/Owner: NextEra		State: New	York Sampling Poin	t: W-AJF-17; UPL-1			
Investigator(s): Anthony Froonji	ian, KAT	Section, Township, I	Range:				
Landform (hillslope, terrace, etc.):	Hillslope	Local relief (concave, conve	ex, none): None	Slope (%): 10-20			
Subregion (LRR or MLRA): M	LRA 101 of LRR L	Lat: 42.7949551	Long: -74.5697748	Datum: WGS84			
Soil Map Unit Name: Nunda ch	annery silt loam, 10 to 20% slopes, e	roded (NdC3)	NWI class	sification: None			
Are climatic/hydrologic conditions	s on the site typical for this time of ye	ar? Yes <u></u> ✓ No	(If no, explain in Re	marks.)			
Are Vegetation, Soil,	or Hydrology significantly dis		l Circumstances" presen				
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed, e	explain any answers in R	emarks.)			
SUMMARY OF FINDINGS – A	ttach site map showing samplii	ng point locations, tran	sects, important fea	tures, 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 Sit					
			e ib.				
Remarks: (Explain alternative pro	cedures here or in a separate report)					
TRC covertype is UPL.							
HYDROLOGY							
Wetland Hydrology Indicators:							
	one is required; check all that apply)		Secondary Indicators (m	inimum of two required)			
Surface Water (A1)	Water-Stained Lea		Surface Soil Cracks (E	•			
High Water Table (A2)	Water-stained Lea		Drainage Patterns (B10)				
Saturation (A3)	Marl Deposits (B1		Moss Trim Lines (B16)				
Water Marks (B1)	Hydrogen Sulfide		Dry-Season Water Table (C2)				
Sediment Deposits (B2)	Oxidized Rhizosph	neres on Living Roots (C3)					
			Saturation Visible on				
Drift Deposits (B3)	Presence of Redu		Stunted or Stressed I				
Algal Mat or Crust (B4)			Geomorphic Position				
Iron Deposits (B5) Inundation Visible on Aerial Ir	Thin Muck Surface magery (B7) Other (Explain in F		Shallow Aquitard (D3 Microtopographic Re				
Sparsely Vegetated Concave S	· · · · · · · · · · · · · · · · · · ·	(erriarks)	FAC-Neutral Test (D5				
Field Observations:	, a. race (20)			1			
Surface Water Present?	Yes No _ _/ Depth	(inches):					
Water Table Present?	•	· —	Wetland Hydrology Pres	sent? Yes No			
			Wedana Hydrology Fres	ent: 163110			
Saturation Present?	Yes No Depth	(inches):					
(includes capillary fringe)				 			
Describe Recorded Data (stream	gauge, monitoring well, aerial photos	s, previous inspections), if a	vailable:				
Remarks:							

<u>Free Stratum</u> (Plot size: <u>30 ft</u>)		Dominant Species?	Indicator Status	Dominance Test workshe Number of Dominant Spe		1	(A)
. Rhus typhina	10	Yes	UPL	Are OBL, FACW, or FAC:			
				Total Number of Domina Across All Strata:	nt Species	3	(B)
l				Percent of Dominant Spe Are OBL, FACW, or FAC:	cies That	33.3	(A/B)
j				Prevalence Index worksh	eet:		
				Total % Cover of		Multiply I	Bv:
·				- OBL species	0	x 1 =	-). 0
	10	= Total Cov	er	FACW species	0	x 2 =	0
apling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	91	x3=	273
. Lonicera morrowii	50	Yes	FACU	FACU species	55	x 4 =	220
. Rhamnus cathartica	15	No	FAC	UPL species	10	x5=	50
. Viburnum lentago	8	No	FAC	Column Totals		_	
. Cornus racemosa	3	No	FAC	_	156	(A) _	543 (B)
				Prevalence Inde	ex = B/A =	3.5	
				Hydrophytic Vegetation I	ndicators:		
				1- Rapid Test for Hy	drophytic V	egetation/	
·		= Total Cov	or	2 - Dominance Test	is > 50%		
lank Street van (Diet sins) . F. ft)		_ 10tal COV	ei	3 - Prevalence Index	(is $\leq 3.0^{1}$		
lerb Stratum (Plot size: <u>5 ft.</u>)		V	FAC	4 - Morphological A	daptations¹	(Provide s	supporting
. Solidago rugosa	55	Yes	FAC	data in Remarks or on a s	separate sh	neet)	
. Equisetum arvense	10	No	FAC	Problematic Hydrop	hytic Vege	tation¹ (Ex	plain)
. Taraxacum officinale	5	No	FACU	Indicators of hydric soil	and wetlan	d hydrolog	gy must be
·				present, unless disturbed	d or probler	matic	
j				Definitions of Vegetation	Strata:		
5.				Tree – Woody plants 3 in.	(7.6 cm) or	more in c	liameter a
'				breast height (DBH), rega			
				Sapling/shrub - Woody p			BH and
·				greater than or equal to 3			
0				Herb – All herbaceous (no			ardless of
				size, and woody plants le	-		,
				Woody vines – All woody			28 ft in
2				height.	Ö		
	70	_= Total Cov	er	Hydrophytic Vegetation	Drocont? \	/oc N	0 /
Voody Vine Stratum (Plot size: <u>30 ft</u>)				nyurophytic vegetation	rieseiit	ies iv	· · · · · · · · · · · · · · · · · · ·
·							
				1			
				_			
2.							

Profile Desc Depth	cription: (Describe to Matrix	o the	depth needed to (Redox			indicato	r or confirm the a	bsence of indicators.)
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0 - 5	10YR 3/3				77-		Silt Loam	 : :
5 - 18	2.5Y 6/3						Silt Loam	
					-		_	
					-		_	
					-		_	
					-		_	
		- —	-	- —				
¹Tvpe: C = C	Concentration, D = D	eplet	ion, RM = Reduce	d Ma	trix. MS =	Masked	Sand Grains. ² L	ocation: PL = Pore Lining, M = Matrix.
Hydric Soil		-12.5	,		,			Indicators for Problematic Hydric Soils ³ :
Histosol			Polyvalue Be	elow	Surface (S	58) (LRR	R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
	oipedon (A2)		Thin Dark S					2 cm Muck (A10) (LRR K, L, MLRA 1498) Coast Prairie Redox (A16) (LRR K, L, R)
Black Hi	stic (A3)		Loamy Mucl	ку Мі	neral (F1)	(LRR K,	L)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gley					Dark Surface (S7) (LRR K, L)
	d Layers (A5)		Depleted Ma					Polyvalue Below Surface (S8) (LRR K, L)
	d Below Dark Surfa	ce (A1						Thin Dark Surface (S9) (LRR K, L)
	ark Surface (A12) Mucky Mineral (S1)		Depleted Da Redox Depr)		Iron-Manganese Masses (F12) (LRR K, L, R)
,	ileyed Matrix (S4)		Kedox Depi	62210	115 (FO)			Piedmont Floodplain Soils (F19) (MLRA 149B)
-	edox (S5)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
-	d Matrix (S6)							Red Parent Material (F21)
	rface (S7) (LRR R, M	IRA 1	49R)					Very Shallow Dark Surface (TF12)
Dark 3a	Trace (37) (Errich, IVI	LIV	450)					Other (Explain in Remarks)
-	of hydrophytic vege	tatio	n and wetland hyd	Irolog	gy must b	e preser	nt, unless disturbe	ed or problematic.
Restrictive I	_ayer (if observed):							
	Type:		None	-		Hydric	Soil Present?	Yes No _ _∕ _
	Depth (inches):							
Remarks:								

Photo of Sample Plot



Project/Site: East Point		City/County: Shar	ron, Schoharie County		Sampling Date: 2018	3-May-23
Applicant/Owner: NextEra			State: Nev	w York Sar	mpling Point: W-AJF	-17; UPL-2
Investigator(s): Anthony Froon	jian, KAT		Section, Township,	Range:		
Landform (hillslope, terrace, etc.)	: Toe		Local relief (concave, conv	/ex, none): No	one	Slope (%): 5-10
Subregion (LRR or MLRA): N	/ILRA 101 of LRR L		Lat: 42.7943576	Long:74	4.5678227	Datum: WGS84
Soil Map Unit Name: Alluvial la	and (Al)				NWI classification	: None
Are climatic/hydrologic condition		-		(If no, e	xplain in Remarks.)	
Are Vegetation, Soil,		significantly dis		al Circumstan	•	'es No
Are Vegetation, Soil,	or Hydrology _	naturally probl	ematic? (If needed,	explain any a	nswers in Remarks.)	
CLIMANA DV OF FINIDINICS A	Attach cita man	ahawing samali	ag paint lagations tran	acasta iman	outout faatuuras a	+ ~
SUMMARY OF FINDINGS – A	•		lig point locations, trai	nsects, impo	rtant reatures, e	
Hydrophytic Vegetation Present	_	No	la de a Camanda d'Amas a cidabi	M Al	V	NI- 4
Hydric Soil Present?		No	Is the Sampled Area within	in a wetiand?	Yes .	No
Wetland Hydrology Present?	Yes _	No _ _ _	If yes, optional Wetland Si	ite ID:		
Remarks: (Explain alternative pro	ocedures here or ir	n a separate report)			
TRC covertype is UPL.						
HYDROLOGY						
Wetland Hydrology Indicators:						
Primary Indicators (minimum of	one is required; ch	neck all that apply)		Secondary In	dicators (minimum	of two required)
Surface Water (A1)		_ Water-Stained Lea	aves (B9)	Surface S	oil Cracks (B6)	
High Water Table (A2)		- _ Aquatic Fauna (B1		Drainage	Patterns (B10)	
Saturation (A3)	_	Marl Deposits (B1	5)		n Lines (B16)	
Water Marks (B1)		_ Hydrogen Sulfide		•	on Water Table (C2)	
Sediment Deposits (B2)	_	_ Oxidized Rhizosph	neres on Living Roots (C3)	-	Burrows (C8)	227074(CO)
Drift Danasits (D2)		Dracanca of Dadu	sad Iran (C1)		n Visible on Aerial Im	
Drift Deposits (B3) Algal Mat or Crust (B4)		Presence of Redu	cea iron (C4) ction in Tilled Soils (C6)		or Stressed Plants (D phic Position (D2)	1)
Iron Deposits (B5)		_ Thin Muck Surface	` '	Shallow A		
Inundation Visible on Aerial I		Other (Explain in I			ographic Relief (D4)	
Sparsely Vegetated Concave			·		ral Test (D5)	
Field Observations:						
Surface Water Present?	Yes No	✓ Depth	(inches):			
Water Table Present?	Yes No _	<u>✓</u> Depth	(inches):	Wetland Hyd	lrology Present?	Yes No ∠ _
Saturation Present?	Yes No _	✓ Depth	(inches):			
(includes capillary fringe)						
Describe Recorded Data (stream	n gauge, monitoring	g well, aerial photo	s, previous inspections), if a	available:		
Remarks:						

Tree Stratum (Plot size:30 ft)		Dominant Species?	Indicator Status	Dominance Test worksh Number of Dominant S Are OBL, FACW, or FAC:	pecies That	2	(A)
·				Total Number of Domir Across All Strata:		4	(B)
l				Percent of Dominant Sp - Are OBL, FACW, or FAC:		50	(A/B)
5.				Prevalence Index works			
i				- Total % Cover	of:	Multiply	By:
				- OBL species	0	x 1 =	0
	0	= Total Cov	er	FACW species	0	x 2 =	0
apling/Shrub Stratum (Plot size: 15 ft)				FAC species	70	x 3 =	210
. Cornus racemosa	45	Yes	FAC	- FACU species	43	x 4 =	172
. Rhamnus cathartica	25	Yes	FAC	- UPL species	5	x 5 =	25
Lonicera morrowii	15	No	FACU	- Column Totals	118	(A)	407 (B)
. Prunus virginiana	5	No	FACU	Prevalence In		_	107 (5)
				•			
				Hydrophytic Vegetation			
· .				1- Rapid Test for H		egetation/	
	90	= Total Cov	er	2 - Dominance Tes			
lerb Stratum (Plot size:5 ft)	-	=		3 - Prevalence Ind			
. Lonicera morrowii	15	Yes	FACU	4 - Morphological			supporting
2. Agrimonia gryposepala	8	Yes	FACU	data in Remarks or on a			
a. Triosteum aurantiacum		No	UPL	- Problematic Hydro			
		110	OFL	Indicators of hydric so		-	gy must be
l				present, unless disturb		matic	
				Definitions of Vegetation			
				Tree – Woody plants 3 i			liameter a
7				breast height (DBH), reg			
3.				Sapling/shrub - Woody			BH and
)				greater than or equal to			
0				Herb – All herbaceous (gardless of
1.				size, and woody plants			
2.				Woody vines – All wood	ly vines great	ter than 3.	28 ft in
	28	= Total Cov	er	height.			
Noody Vine Stratum (Plot size:30 ft)		=		Hydrophytic Vegetation	n Present? \	/es N	0
i.							
·				-			
				-			
o				-			
1				-			
	0	= Total Cov	er				

Profile Desc Depth	ription: (Describe to Matrix	o the	depth needed to (Redo)			indicato	r or confirm the a	bsence of indicators.)
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0 - 8	2.5Y 4/2	_	• • • • • • • • • • • • • • • • • • • •	_			Silt Loam	
8 - 16	2.5Y 6/4	_		_			Silt Loam	<u> </u>
		_		_				
		- —		_				
				_				
				_				
				_				
		- —		_				
		- —		_				
		- —		_				
		_	_	_			_	
				_	-		_	
¹Type: C = C	oncentration, D = D	eplet	tion, RM = Reduce	d Ma	trix, MS =	Masked	Sand Grains. ² L	ocation: PL = Pore Lining, M = Matrix.
Hydric Soil								Indicators for Problematic Hydric Soils ³ :
Histosol			Polyvalue Be	elow	Surface (S	58) (LRR	R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Histic Ep	pipedon (A2)		Thin Dark S					Coast Prairie Redox (A16) (LRR K, L, R)
Black Hi	stic (A3)		Loamy Mucl	ky Mi	neral (F1)	(LRR K,	L)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gley					Dark Surface (S7) (LRR K, L)
	d Layers (A5)		Depleted Ma					Polyvalue Below Surface (S8) (LRR K, L)
	d Below Dark Surfa ark Surface (A12)	ce (A1	11) Redox Dark Depleted Da			``		Thin Dark Surface (S9) (LRR K, L)
	lucky Mineral (S1)		Redox Depr)		Iron-Manganese Masses (F12) (LRR K, L, R)
	ileyed Matrix (S4)		кеаох верг	23310	113 (10)			Piedmont Floodplain Soils (F19) (MLRA 149B)
-	edox (S5)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
-	d Matrix (S6)							Red Parent Material (F21)
	rface (S7) (LRR R, M	I RA 1	49R)					Very Shallow Dark Surface (TF12)
			.52,					Other (Explain in Remarks)
	of hydrophytic vege	etatio	n and wetland hyd	rolog	gy must b	e preser	nt, unless disturbe	ed or problematic.
Restrictive I	ayer (if observed):					l		
	Type:		None	-		Hydric	Soil Present?	Yes No⁄_
	Depth (inches):							
Remarks:								

Photo of Sample Plot



Project/Site: East Point	City/County: Sha	ron, Schoharie	Sampling Dat	e: 2017-July-10		
Applicant/Owner: NextEra		State: New	York Sampling Point:	W-ARS-01; PEM-1		
Investigator(s): Andrew Steiner, A	deline Bellesheim	Section, Township, I	Range:			
Landform (hillslope, terrace, etc.):	Swale	Local relief (concave, conve	ex, none): Convex	Slope (%): 1-10		
Subregion (LRR or MLRA): LRR	L	Lat: 42.771526	Long: -74.550562	Datum: WGS84		
Soil Map Unit Name: Honeoye-Fa			NWI classi			
Are climatic/hydrologic conditions o			(If no, explain in Rem			
Are Vegetation, Soil,	or Hydrology significantly di		l Circumstances" present			
Are Vegetation, Soil,	or Hydrology naturally prob	ematic? (If needed, e	explain any answers in Re	marks.)		
SUMMARY OF FINDINGS – Atta	ach site map showing sampli	ng point locations, tran	sects, important featu	ıres, 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 Sit	e ID:	W-ARS-01		
Remarks: (Explain alternative proce						
Remarks. (Explain alternative proce	dures here of in a separate report	,				
TRC covertype is PEM. Area is wetla	nd, all three wetland parameters a	re present. swale between	hay and corn fiele			
	•	,	,			
HYDROLOGY						
Wester dilledeste en la disease						
Wetland Hydrology Indicators:						
Primary Indicators (minimum of on	e is required; check all that apply)		Secondary Indicators (mir	•		
Surface Water (A1)	Water-Stained Lea		Surface Soil Cracks (B6			
High Water Table (A2)	Aquatic Fauna (B1	3)	✓ Drainage Patterns (B10	J)		
✓ Saturation (A3)	Marl Deposits (B1	3)	Moss Trim Lines (B16)	ry-Season Water Table (C2)		
Water Marks (B1)	Hydrogen Sulfide		Ory-season water rab Crayfish Burrows (C8)	ie (C2)		
Sediment Deposits (B2)	Oxidized Rhizospi	neres on Living Roots (C3)	Saturation Visible on A	erial Imageny (C9)		
Drift Deposits (B3)	Presence of Redu	cod Iron (C1)		3 ,		
Algal Mat or Crust (B4)			Stunted or Stressed Plants (D1) Geomorphic Position (D2)			
Iron Deposits (B5)	Thin Muck Surface		Shallow Aquitard (D3)	D2)		
Inundation Visible on Aerial Ima			✓ Microtopographic Reli	ef (D4)		
Sparsely Vegetated Concave Sur		(Ciriario)	✓ FAC-Neutral Test (D5)	ci (D i)		
Field Observations:	1400 (20)		17 to redución rese (DS)			
Surface Water Present?	Yes No _ ∠ Depth	(inches):				
Water Table Present?		· —	Wetland Hydrology Prese	nt? Yes No		
Saturation Present?			wettaria riyarology r rese	nt: 163_ <u>/</u> _110		
	Yes _ No Depth	(inches): 6				
(includes capillary fringe)						
Describe Recorded Data (stream ga	uge, monitoring well, aerial photo	s, previous inspections), if a	vailable:			
Remarks:						
A positive indication of water days	Irologius obcominat (autima a reserve	Leacandan, in diastana	procent)			
A positive indication of wetland hyd	rology was observed (primary and	secondary indicators were	present).			
1						

	Absoluto	Dominant	Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size: 30 ft)		Dominant Species?	Status	Number of Dominant Species That		
	70 COVE	Species:	Julius	Are OBL, FACW, or FAC:	1	(A)
1.				Total Number of Dominant Species		
2				Across All Strata:	2	(B)
3				Percent of Dominant Species That		
4				Are OBL, FACW, or FAC:	50	(A/B)
5				Prevalence Index worksheet:		
6				Total % Cover of:	Multiply	Bv:
7				OBL species 21	x 1 =	21
	0	= Total Cove	er	FACW species 53	x 2 =	106
Sapling/Shrub Stratum (Plot size:15 ft)				FAC species 0	x 3 =	0
1				FACU species 25	x 4 =	100
2				UPL species 0	x5=	0
3.				Column Totals 99	(A)	227 (B)
4.					· · · · —	ZZ7 (D)
5.				Prevalence Index = B/A =		
6.				Hydrophytic Vegetation Indicators:		
7.				1- Rapid Test for Hydrophytic	Vegetation	
		= Total Cove	er	2 - Dominance Test is > 50%		
Herb Stratum (Plot size:5 ft)		=		\checkmark 3 - Prevalence Index is \le 3.01		
1. Phalaris arundinacea	50	Yes	FACW	4 - Morphological Adaptations		supporting
2. Solidago canadensis	25	Yes	FACU	data in Remarks or on a separate sl		1.1.
3. Lythrum salicaria	10	No	OBL	Problematic Hydrophytic Vege		
4. Juncus effusus	5	No	OBL	Indicators of hydric soil and wetlar		gy must be
5. Carex lurida	3	No	OBL	present, unless disturbed or proble	IIIauc	
6. Typha angustifolia		No	OBL	Definitions of Vegetation Strata:		d:
7. Poa palustris		No No	FACW	Tree – Woody plants 3 in. (7.6 cm) o breast height (DBH), regardless of h		nameter at
8.		110	TACW	Sapling/shrub – Woody plants less t	_	NRH and
9.				greater than or equal to 3.28 ft (1 m		bir ana
				Herb – All herbaceous (non-woody)		ardless of
				size, and woody plants less than 3.2		,
11.				Woody vines – All woody vines grea		28 ft in
12		Tatal Carr		height.		
N. 1 N. S. 1 (2) 1 20 6	99	= Total Cove	er	Hydrophytic Vegetation Present?	Yes 🗸 N	lo
Woody Vine Stratum (Plot size: 30 ft)				- yarapiyaa i agaaaaa ii aaaaaa		
1.						
2.						
3						
4						
	0	_= Total Cove	er			
Remarks: (Include photo numbers here or on a separ	ate sheet.)					

Profile Desc	cription: (Describe Matrix	to the c	depth needed to d			indicato	r or confirm the a	bsence of indicators.)
(inches)	Color (moist)	%	-			Loc ²	Texture	Remarks
<u> </u>			Color (moist)	70	Type ¹	LUC-		
1 - 6	10YR 2/2	100	40\/D 4/6	10			Silt Loam	
6 - 14	10YR 4/2	90	10YR 4/6	10	C	M	Silty Clay	
			1					
¹Tvpe: C = C	oncentration. D =	Depleti	on. RM = Reduced	Mat	rix. MS =	Masked	Sand Grains. ² L	ocation: PL = Pore Lining, M = Matrix.
Hydric Soil		В ср.сс.	,		,	masited	20.10 0.01.01	Indicators for Problematic Hydric Soils ³ :
Histosol			Polyvalue Be	low S	Jurface (9	S8) (I RR	R MIRA 149R)	,
	oipedon (A2)		Thin Dark Su					2 cm Muck (A10) (LRR K, L, MLRA 149B)
Black Hi			Loamy Muck					Coast Prairie Redox (A16) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gleye	-		,	,	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
	d Layers (A5)		Depleted Ma					Dark Surface (S7) (LRR K, L)
	d Below Dark Surf	ace (A1	1) Redox Dark :	Surfa	ce (F6)			Polyvalue Below Surface (S8) (LRR K, L)
Thick Da	ark Surface (A12)		Depleted Da	rk Su	rface (F7)		Thin Dark Surface (S9) (LRR K, L)
Sandy N	lucky Mineral (S1)		Redox Depre	essior	ıs (F8)			Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy G	Gleyed Matrix (S4)							Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy R	ledox (S5)							•
Stripped	d Matrix (S6)							Red Parent Material (F21) Very Shallow Dark Surface (TF12)
Dark Su	rface (S7) (LRR R, I	MLRA 14	19B)					Other (Explain in Remarks)
								•
-	of hydrophytic veg		and wetland hyd	rolog	y must b	e preser	nt, unless disturbe	ed or problematic.
	Layer (if observed)	:						
	Type:		None			Hydric	Soil Present?	Yes✓_ No
	Depth (inches):							
Remarks:								
A positive in	ndication of hydric	soil wa	s observed.					
<u> </u>								

Photo of Sample Plot



Project/Site: East Point	City/County: S	Sharon, Schoharie	Sampling Date:_	2017-July-10			
Applicant/Owner: NextEra		State: New \	ork Sampling Point: W	/-ARS-01; UPL-1			
Investigator(s): Andrew Steiner,	Adeline Bellesheim	Section, Township, Ra	ange:				
Landform (hillslope, terrace, etc.):	Hillslope	Local relief (concave, convex	, none): None	Slope (%): 1-10			
Subregion (LRR or MLRA): LR	R L	Lat: 42.771715	Long: -74.550734	Datum: WGS84			
Soil Map Unit Name: Madalin si	lt loam over till (Ma)		NWI classifica	tion:			
Are climatic/hydrologic conditions	• •	•	(If no, explain in Remar	(s.)			
Are Vegetation, Soil,	or Hydrology significantly		Circumstances" present?	Yes No			
Are Vegetation, Soil,	or Hydrology naturally p	roblematic? (If needed, ex	xplain any answers in Rema	rks.)			
SUMMARY OF FINDINGS – At	tach site map showing sam	pling point locations, trans	ects, important feature	s, etc.			
Hydrophytic Vegetation Present?	Yes No _ ✓						
Hydric Soil Present?	Yes No _ _ ✓	Is the Sampled Area within a	a Wetland?	Yes No/_			
Wetland Hydrology Present?	Yes No _ _ _	If yes, optional Wetland Site	ID:				
Remarks: (Explain alternative prod							
TRC covertype is UPL. Area is upla	and, not all three wetland parame	eters are present. corn field					
HYDROLOGY Wetland Hydrology Indicators:							
Primary Indicators (minimum of o	ne is required; check all that app	<u>oly)</u> <u>S</u>	econdary Indicators (minim	um of two required)			
Surface Water (A1)	Water-Stained	Leaves (B9)	_ Surface Soil Cracks (B6)				
High Water Table (A2)	Aquatic Fauna	(513)	_ Drainage Patterns (B10)				
Saturation (A3)	Marl Deposits	(B15) –	Moss Trim Lines (B16)				
Water Marks (B1)	Hydrogen Sulf		Dry-Season Water Table (C2)			
Sediment Deposits (B2)	Oxidized Rhizo	ospheres on Living Roots (C3) –	Crayfish Burrows (C8) Saturation Visible on Aeri	al Imagen/ (C9)			
Drift Deposits (B3)	Presence of Re	educed Iron (C4)	Stunted or Stressed Plan				
Algal Mat or Crust (B4)			Stanted of Stressed Flant Geomorphic Position (D2				
Iron Deposits (B5)	Thin Muck Sur	` ' -	Shallow Aquitard (D3)	,			
Inundation Visible on Aerial Im	nagery (B7) Other (Explain	in Remarks)	Microtopographic Relief (D4)			
Sparsely Vegetated Concave S	urface (B8)		FAC-Neutral Test (D5)				
Field Observations:							
Surface Water Present?	Yes No 🟒 Dep	oth (inches):					
Water Table Present?	Yes No Dep	oth (inches):	Vetland Hydrology Present?	Yes No			
Saturation Present?	Yes No <u></u> ✓ Dep	oth (inches):					
(includes capillary fringe)							
Describe Recorded Data (stream g	gauge, monitoring well, aerial ph	otos, previous inspections), if ava	ailable:				
Remarks: No positive indication of wetland	hydrology was observed.						

Tree Stratum (Plot size:30 ft)		Dominant					
1.	% Cover	Species?	Status	Number of Dominar Are OBL, FACW, or FA	•	0	(A)
2.				Total Number of Dor	minant Species	1	(B)
3.				Across All Strata:	. Connainn That		
4				Percent of DominantAre OBL, FACW, or FA	•	0	(A/B)
5				Prevalence Index wo			
6				— Total % Cov		Multiply I	B <u>v:</u>
7				— OBL species	0	x 1 =	0
	0	_= Total Cove	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	0	x 5 =	0
3.				Column Totals	0	(A)	0 (B)
4.				— Prevalence	Index = B/A =		
5.				Hydrophytic Vegetat	ion Indicators:		
6.				- 1- Rapid Test fo		egetation	
7				2 - Dominance			
	0	_= Total Cove	er	3 - Prevalence I	ndex is ≤ 3.0^1		
Herb Stratum (Plot size:5 ft)	100	V		4 - Morphologic	cal Adaptations ¹	(Provide s	supporting
1. Zea mays	100	Yes	NI	— data in Remarks or o	n a separate sh	eet)	
2.				— Problematic Hy	drophytic Vege	tation¹ (Ex	plain)
3.				Indicators of hydric			gy must be
4.				present, unless distu		matic	
5.				Definitions of Vegeta			
6.				Tree – Woody plants			liameter at
7				breast height (DBH),			
8.				Sapling/shrub – Woo greater than or equa			BH and
9.				Herb – All herbaceou			ardless of
10.				size, and woody plar	-	_	gai diess oi
11.				Woody vines – All wo			28 ft in
12				height.	, 0		
W. 1.75 St. (DI.)	100	_= Total Cove	er	Hydrophytic Vegeta	tion Present? \	'es N	0 /
Woody Vine Stratum (Plot size: 30 ft)				.,,			- <u></u>
1.				-			
2. 3.				-			
4		- Tatal Cau		-			
	0	_= Total Cove	er				
Remarks: (Include photo numbers here or on a separa	te sheet.)						
Active agricultural field							
recive agricultural field							

Profile Des	cription: (Describe Matrix	to the c	lepth needed to o			indicato	r or confirm the al	absence of indicators.)
(inches)	Color (moist)	 %	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
1 - 3	10YR 3/3	100			.,,,,,		Silt Loam	
3 - 14	10YR 3/3	80	10YR 6/3	20		M	Silty Clay	
				_				
<u> </u>	-		-	_			_	
				_				
	-		-	_			_	
¹Type: C = 0	 Concentration, D =	Depleti	on, RM = Reduced	d Mat	rix, MS =	Masked	Sand Grains. ² Lo	Location: PL = Pore Lining, M = Matrix.
Hydric Soil			,		, -			Indicators for Problematic Hydric Soils ³ :
Histoso			Polvvalue Be	low S	Surface (S	8) (LRR	R, MLRA 149B)	,
	oipedon (A2)		Thin Dark Su					2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R)
Black H	istic (A3)		Loamy Muck	y Mir	eral (F1)	(LRR K,	L)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
	en Sulfide (A4)		Loamy Gleye					Dark Surface (S7) (LRR K, L)
	d Layers (A5)	_	Depleted Ma					Polyvalue Below Surface (S8) (LRR K, L)
	d Below Dark Surf	face (A1						Thin Dark Surface (S9) (LRR K, L)
l ——	ark Surface (A12) ⁄lucky Mineral (S1)		Depleted Da Redox Depre)		Iron-Manganese Masses (F12) (LRR K, L, R)
-	Gleyed Matrix (S4)		Redox Depre	255101	15 (ГО)			Piedmont Floodplain Soils (F19) (MLRA 149B)
-	Redox (S5)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
_	d Matrix (S6)							Red Parent Material (F21)
	u Mati IX (30) Irface (S7) (LRR R, I	MI RA 12	I9R)					Very Shallow Dark Surface (TF12)
Dark 30	in face (57) (Little)	WILIU (I-	,					Other (Explain in Remarks)
			and wetland hyd	rolog	y must b	e preser	nt, unless disturbe	ed or problematic.
	Layer (if observed)):						
	Type:		None			Hydric	Soil Present?	Yes No
	Depth (inches):							<u> </u>
Remarks:								
No positive	indication of hydi	ric soils v	was observed., M	ixed s	oils due	to agricı	ulture	
	•							

Photo of Sample Plot



Project/Site: East Point	City/County: Sha	aron Springs, Schoharie	Sampling Date	e: 2017-July-11		
Applicant/Owner: NextEra		State: New	York Sampling Point:	W-ARS-02; PSS-1		
Investigator(s): Andrew Steiner, Ad	eline Bellesheim	Section, Township, I	Range:			
Landform (hillslope, terrace, etc.):	Swamp	Local relief (concave, conve	ex, none): Concave	Slope (%): 0-1		
Subregion (LRR or MLRA): LRR L		Lat: 42.76544	Long: -74.5753062	Datum: WGS84		
Soil Map Unit Name: Mohawk and	Lima soils, 2 to 210 percent slop			fication: PFO		
Are climatic/hydrologic conditions on			(If no, explain in Rem	arks.)		
	or Hydrology significantly d		l Circumstances" present?			
Are Vegetation, Soil, o	or Hydrology naturally prob	olematic? (If needed, e	explain any answers in Rer	narks.)		
SUMMARY OF FINDINGS – Attac	ch site map showing sampli	ing point locations, tran	sects, important featu	ires, 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 Sit		W-ARS-02		
			e ib.	VV-ARS-UZ		
Remarks: (Explain alternative proced	lures here or in a separate repor	t)				
TRC covertype is PSS. Area is wetland	ત્રે, all three wetland parameters <i>a</i>	are present. agriculture surro	ounding wetland			
ANDBOI OCA						
HYDROLOGY						
Wetland Hydrology Indicators:						
Primary Indicators (minimum of one	is required: check all that apply)	,	Secondary Indicators (min	imum of two required)		
•			Surface Soil Cracks (B6			
Surface Water (A1)	✓ Water-Stained Le	aves (bs)	Surface 30il Cracks (B0 Drainage Patterns (B10	•		
✓ High Water Table (A2)	Aquatic Fauna (B	13)	✓ Moss Trim Lines (B16)			
✓ Saturation (A3)	Midit Deposits (B13)					
Water Marks (B1)	 Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Crayfish Burrows (C8) 					
Sediment Deposits (B2)	Oxidized Kriizosp	meres on Living Roots (CS)	Saturation Visible on A	erial Imagery (C9)		
Drift Deposits (B3)	Presence of Redu		Stunted or Stressed Pla			
Algal Mat or Crust (B4)			✓ Geomorphic Position (D2)			
Iron Deposits (B5)	Thin Muck Surfac		✓ Shallow Aquitard (D3)			
Inundation Visible on Aerial Imag			✓ Microtopographic Relief (D4)			
Sparsely Vegetated Concave Surf	•	(Ciliarks)	✓ FAC-Neutral Test (D5)	:i (D4)		
Field Observations:	ace (Bo)					
	Voc No 1	(inches):				
	·	(inches):				
		·	Wetland Hydrology Preser	nt? Yes No		
	Yes 🟒 No Depth	n (inches):				
(includes capillary fringe)						
Describe Recorded Data (stream gau	ige, monitoring well, aerial photo	os, previous inspections), if a	vailable:			
Remarks:						
A positive indication of wetland hydr	ology was observed (primary and	d secondary indicators were	present).			
A positive indication of wetland hydr	ology was observed (primary and	d secondary indicators were	present).			
A positive indication of wetland hydr	ology was observed (primary an	d secondary indicators were	present).			

	A h = = 1 + =	Daminant	lus ali a a tra u	Dominance Test worksheet:		
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)		Dominant Species?	Status	Number of Dominant Species That		
1. Salix nigra	15	Yes	OBL	Are OBL, FACW, or FAC:	3	(A)
2.		163	OBL	Total Number of Dominant Species		
3.				Across All Strata:	3	(B)
4.				Percent of Dominant Species That	100	(A/B)
5.				Are OBL, FACW, or FAC:		(A/D)
6.				Prevalence Index worksheet:		
7.				Total % Cover of:	Multiply E	<u>Ву:</u>
··	15	= Total Cov		OBL species 175	x 1 =	175
Sapling/Shrub Stratum (Plot size:15 ft)			CI	FACW species 10	x 2 =	20
1. Salix nigra	85	Yes	OBL	FAC species 10	x 3 =	30
2. Cornus amomum	10	No	FACW	FACU species 0	x 4 =	0
3.			TACVV	UPL species 0	x 5 =	0
4.				Column Totals 195	(A)	225 (B)
				Prevalence Index = B/A =	1.2	
5.				Hydrophytic Vegetation Indicators:		
6.				1- Rapid Test for Hydrophytic	/egetation	
7				✓ 2 - Dominance Test is >50%		
	95	_= Total Cov	er er	\checkmark 3 - Prevalence Index is $\le 3.0^{1}$		
Herb Stratum (Plot size: <u>5 ft</u>)				4 - Morphological Adaptations	1 (Provide s	supporting
1. Carex crinita	<u>75</u>	Yes	OBL	data in Remarks or on a separate sl	neet)	
2. Equisetum hyemale	5	No	FAC	Problematic Hydrophytic Vege	etation¹ (Ex	plain)
3. <u>Solidago rugosa</u>	5	No	FAC	¹ Indicators of hydric soil and wetlar	nd 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		liameter at
7				breast height (DBH), regardless of h	_	
8				Sapling/shrub – Woody plants less t		BH and
9				greater than or equal to 3.28 ft (1 m		
10				Herb – All herbaceous (non-woody)		ardless of
11				size, and woody plants less than 3.2		20 ft in
12				Woody vines – All woody vines greatheight.	ter triari 5	20 11 111
	85	= Total Cov	er er			
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation Present?	Yes N	0
1						
2						
3						
4						
	0	= Total Cov	ver			
Remarks: (Include photo numbers here or on a separat	e sheet.)					
, , , , , , , , , , , , , , , , , , ,	,					
A positive indication of hydrophytic vegetation was obs	erved (>50)% of domin	nant species	indexed as OBL FACW or FAC)		
The state indication of fly all ophytic vegetation was obs	.c. vca (- 50	or domin	.a.re species			

Profile Des	cription: (Describe t	o the de	pth needed to de	ocum	ent the i	ndicator	or confirm the ab	osence of indicators.)		
Depth	Matrix		Redox	Feat	ures					
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Te	exture	Remarks	
0 - 8	10YR 2/1	100					Mucky Organic Matter			
		 -		_			-			
				- —						
				- —				-	-	
				- —						
¹Type: C = 0	Concentration, D = I	Depletio	n, RM = Reduced	Matr	ix, MS =	Masked	Sand Grains. ² Lo	ocation: PL = Pore Linin	g, M = Matrix.	
Hydric Soil	Indicators:							Indicators for Probler	matic Hydric Soils ³ :	
Histoso	I (A1)		Polyvalue Be	ow S	urface (S	8) (I RR I	R, MLRA 149B)		•	
	oipedon (A2)		Thin Dark Su		-		•		(LRR K, L, MLRA 149B)	
	•							Coast Prairie Red		
	_ Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) _ Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)						-)	-	or Peat (S3) (LRR K, L, R)	
	d Layers (A5)		Depleted Ma					Dark Surface (S7)		
	d Below Dark Surfa	ιςο (Λ11)		-	-			Polyvalue Below S	Surface (S8) (LRR K, L)	
	ark Surface (A12)	ice (ATT)	Depleted Dar					Thin Dark Surface (S9) (LRR K, L)		
	Mucky Mineral (S1)		Redox Depre					Iron-Manganese I	Masses (F12) (LRR K, L, R)	
	•		Redox Depre	22101	15 (FO)			Piedmont Floodp	lain Soils (F19) (MLRA 149B)	
-	Gleyed Matrix (S4)							Mesic Spodic (TA6	5) (MLRA 144A, 145, 149B)	
Sandy F	Redox (S5)							Red Parent Mater		
Stripped	d Matrix (S6)							Very Shallow Dark		
Dark Su	rface (S7) (LRR R, M	ILRA 149	B)					Other (Explain in		
									e.ma.n.s,	
	of hydrophytic veg		ind wetland hydr	ology	/ must be	e presen	t, unless disturbed	d or problematic.		
Restrictive	Layer (if observed): _									
	Type:		None	-		Hydric	Soil Present?		Yes No	
	Depth (inches):									
Remarks:										
Soils were a	assumed to be hydi	ric due to	o the presence of	finur	ndation, F	ACW ar	d OBL vegetation	species, and a definitiv	ve wetland boundary., Could not	
	od sample due to i						Ü	,	•	
0	'									
									ļ	
									ļ	

Photo of Sample Plot



Project/Site: East Point		_City/County:_ Sha	ron Springs, Schoharie		Sampling Date: 2	2017-July-11
Applicant/Owner: NextEra			State: N	New York	Sampling Point: W-	ARS-02; UPL-1
Investigator(s): Andrew Steine	er, Adeline Belleshei	m	Section, Townsh	ip, Range:		
Landform (hillslope, terrace, etc.	.): Depression		Local relief (concave, co	nvex, none):	Concave	Slope (%): 1-10
Subregion (LRR or MLRA):	LRR L		Lat: 42.7653566	Long:	-74.5754456	Datum: WGS84
Soil Map Unit Name: Mohawl	k and Lima soils, 2 to	10 percent slope			NWI classificat	
Are climatic/hydrologic condition	ns on the site typical	for this time of y	ear? Yes/_	No (If no	o, explain in Remark	s.)
Are Vegetation, Soil,	or Hydrology $_$	significantly d	isturbed? Are "No	rmal Circums	tances" present?	Yes No
Are Vegetation, Soil,	or Hydrology _	naturally prob	olematic? (If neede	ed, explain an	ly answers in Remar	ks.)
SUMMARY OF FINDINGS - A	Attach site map s	showing sampl	ing point locations, t	ransects, in	nportant features	s, etc.
Hydrophytic Vegetation Presen	t? Yes	No / _				
Hydric Soil Present?		No	Is the Sampled Area wi	thin a Wetlan	nd?	/es No ∠
			+			10
Wetland Hydrology Present?		No ∠	If yes, optional Wetland	a Site ID:		
Remarks: (Explain alternative p	rocedures here or in	a separate repor	t)			
TDC and control in LIDI. Area in				. Field		
TRC covertype is UPL. Area is up	oland, not all three v	vetiand paramete	rs are present. agricultur	е пеіа		
INDEAL OCY						
HYDROLOGY						
Wetland Hydrology Indicators:						
Primary Indicators (minimum o	f one is required; ch	eck all that apply)		Secondar	y Indicators (minimu	ım of two required)
Surface Water (A1)	•	Water-Stained Le			ce Soil Cracks (B6)	
High Water Table (A2)		Aquatic Fauna (B			age Patterns (B10)	
Saturation (A3)		Marl Deposits (B		Moss	Trim Lines (B16)	
Water Marks (B1)		Hydrogen Sulfide		Dry-Se	eason Water Table (C	[2]
Sediment Deposits (B2)		Oxidized Rhizosp	heres on Living Roots (C	3) Crayfi	sh Burrows (C8)	
			G .	Satura	ation Visible on Aeria	al Imagery (C9)
Drift Deposits (B3)		Presence of Redu	iced Iron (C4)	Stunte	ed or Stressed Plants	s (D1)
Algal Mat or Crust (B4)		Recent Iron Redu	iction in Tilled Soils (C6)	Geom	orphic Position (D2)	
Iron Deposits (B5)		Thin Muck Surfac			w Aquitard (D3)	
Inundation Visible on Aerial		Other (Explain in	Remarks)	Micro	topographic Relief ([04)
Sparsely Vegetated Concave	Surface (B8)			FAC-N	leutral Test (D5)	
Field Observations:						
Surface Water Present?	Yes No	✓ Depth	(inches):			
Water Table Present?	Yes No	∠ Depth	(inches):	Wetland I	Hydrology Present?	Yes No ৴ _
Saturation Present?	Yes No	∠ Depth	(inches):			
(includes capillary fringe)		_ '	· ,			
		معمول المسامة		if a railablar		
Describe Recorded Data (stream	n gauge, monitoring	g weii, aeriai prioto	s, previous inspections),	ii available:		
Remarks:						
No positive indication of wetlar	ıd hydrology was oh	served.				
positive mateution of wetlar	a , at 0.06y was 00	J. 104.				

·				D T t	4.		
Tree Stratum (Plot size: 30 ft)		Dominant Species?		Dominance Test workshee			
	% Cover	Species?	Status	Number of Dominant Spec Are OBL, FACW, or FAC:	les mat	1	(A)
1.				Total Number of Dominant	t Snacias		
2				Across All Strata:	copecies	7	(B)
3				Percent of Dominant Speci	ies That		
4	- ——			Are OBL, FACW, or FAC:		14.3	(A/B)
5				Prevalence Index workshe	et:		
6				Total % Cover of:		Multiply E	Bv:
7				OBL species	0	x 1 =	0
	0	_= Total Cove	r	FACW species	0	x 2 =	0
Sapling/Shrub Stratum (Plot size: 15 ft)				FAC species	10	x 3 =	30
1				FACU species	80	x 4 =	320
2				UPL species	10	x 5 =	50
3				· —	100	(A)	400 (B)
4				Prevalence Index			400 (b)
5						+	
6.				Hydrophytic Vegetation Inc			
7.				1- Rapid Test for Hydr		egetation	
	0	= Total Cove	r	2 - Dominance Test is 3 - Prevalence Index i			
Herb Stratum (Plot size: <u>5 ft</u>)		_				(Duantida a	
1. Phleum pratense	20	Yes	FACU	4 - Morphological Ada data in Remarks or on a se			supporting
2. <i>Poa pratensis</i>	20	Yes	FACU	Problematic Hydroph			nlain)
3. Dactylis glomerata	10	Yes	FACU	Indicators of hydric soil ar			
4. Trifolium pratense	10	Yes	FACU	present, unless disturbed		-	y must be
5. Daucus carota	10	Yes	UPL	Definitions of Vegetation S		idele	
6. <i>Ranunculus acris</i>	10	Yes	FAC	Tree – Woody plants 3 in. (more in d	iameter at
7. Festuca rubra	10	Yes	FACU	breast height (DBH), regard			idiffecer de
8. Viola palmata	5	No	FACU	Sapling/shrub – Woody pla			BH and
9. Solidago canadensis	3	No	FACU	greater than or equal to 3.			
10. Fragaria virginiana	2	No	FACU	Herb – All herbaceous (nor			ardless of
			17100	size, and woody plants less	s than 3.28	3 ft tall.	
11 12				Woody vines – All woody v	ines great	er than 3.2	28 ft in
	100	= Total Cove	r	height.			
Woody Vine Stratum (Plot size:30 ft)	100	- 10101 COVC		Hydrophytic Vegetation Pr	resent? Y	es No	0
1							
2.							
3.							
4.				•			
<u> </u>	0	= Total Cove	r	•			
		TOTAL COVE					
Remarks: (Include photo numbers here or on a separa	te sheet.)						
		E00/ 5 !					
No positive indication of hydrophytic vegetation was o	bserved (≥	:50% of domi	nant specie	es indexed as FAC– or drier).			

Profile Desc Depth	ription: (Describe	to the o	depth needed to o			indicato	r or confirm the a	bsence of indi	cators.)	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc²	Textur	e	Remarks	
0 - 16		80		_	<u>.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	M				—
0 - 10	10YR 3/4	80	10YR 5/6	20		IVI	Silty Clay L	LOam	Mixed and compacted	
		- —								
				_						
							-			
		- —								_
		- —					-			—
	-	- —	_				•			
		- —								
¹Type: C = C	oncentration, D =	Deplet	ion, RM = Reduce	d Mat	rix, MS =	Masked	Sand Grains. ² L	ocation: PL = F	Pore Lining, M = Matrix.	
Hydric Soil I	ndicators:							Indicators fo	r Problematic Hydric Soils³:	
Histosol	(A1)		Polyvalue Be	elow S	Surface (S	88) (LRR	R, MLRA 149B)	2 cm Mu	ck (A10) (LRR K, L, MLRA 149B)	
Histic Ep	ipedon (A2)		Thin Dark Su						airie Redox (A16) (LRR K, L, R)	
Black Hi	stic (A3)		Loamy Mucl	ky Mir	eral (F1)	(LRR K,	L)		cky Peat or Peat (S3) (LRR K, L, R)	
Hydroge	n Sulfide (A4)		Loamy Gley	ed Ma	trix (F2)				face (S7) (LRR K, L)	
Stratified	d Layers (A5)		Depleted Ma	atrix (I	F3)				e Below Surface (S8) (LRR K, L)	
Depleted	d Below Dark Surfa	ace (A1	1) Redox Dark	Surfa	ce (F6)				k Surface (S9) (LRR K, L)	
Thick Da	ırk Surface (A12)		Depleted Da	ırk Su	rface (F7))			nganese Masses (F12) (LRR K, L, R)	
Sandy M	lucky Mineral (S1)		Redox Depr	essior	ıs (F8)				it Floodplain Soils (F19) (MLRA 149B)	
Sandy G	leyed Matrix (S4)									
Sandy R	edox (S5)								odic (TA6) (MLRA 144A, 145, 149B)	
-	Matrix (S6)								ent Material (F21)	
	rface (S7) (LRR R, M	ILRA 14	49B)						llow Dark Surface (TF12)	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•					Other (E)	xplain in Remarks)	
3Indicators	of hydrophytic veg	etatior	and wetland hyd	rolog	y must b	e preser	nt, unless disturbe	ed or problema	atic.	
Restrictive L	.ayer (if observed):									
	Type:		None			Hydric	Soil Present?	١	⁄es No <u>_</u> ✓	
	Depth (inches):									
Remarks:	э срен (н.е.тез).									_
Remarks.										
No positive	indication of hydri	c soils	was observed.							

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	on Springs, Schoharie	Sampling Da	ate: 2017-July-11
Applicant/Owner: NextEra		State: New	York Sampling Poin	t: W-ARS-03; PSS-1
Investigator(s): Andrew Steiner, Adeline Belles	heim	Section, Township, I	Range:	
Landform (hillslope, terrace, etc.): Swale		Local relief (concave, conve	ex, none): Concave	Slope (%): 1-10
Subregion (LRR or MLRA): LRR L		Lat: 42.7630886	Long: -74.5822877	Datum: WGS84
Soil Map Unit Name: Mohawk and Lima soils,				sification:
Are climatic/hydrologic conditions on the site typ			(If no, explain in Re	
	y significantly dis		ll Circumstances" presen	
Are Vegetation, Soil, or Hydrolog	y naturally probl	ematic? (If needed, e	explain any answers in R	emarks.)
SUMMARY OF FINDINGS – Attach site ma	p showing samplir	ng point locations, tran	sects, important feat	tures, etc.
Hydrophytic Vegetation Present? Yes	s _ _/ _ No			
Hydric Soil Present? Yes	s No	Is the Sampled Area withir	n a Wetland?	Yes No
Wetland Hydrology Present? Yes	s No	If yes, optional Wetland Sit	te ID:	W-ARS-03
Remarks: (Explain alternative procedures here o				
TRC covertype is PSS. Area is wetland, all three v	vetland parameters ar	e present. swale between f	ïelds	
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required;	; check all that apply)		Secondary Indicators (m	inimum of two required)
Surface Water (A1)	Water-Stained Lea		Surface Soil Cracks (E	•
High Water Table (A2)	Aquatic Fauna (B1	1003 (03)	Drainage Patterns (B	•
✓ Saturation (A3)	Marl Deposits (B1		Moss Trim Lines (B16	i)
Water Marks (B1)	Hydrogen Sulfide	Odor (C1)	Dry-Season Water Ta	
Sediment Deposits (B2)	Oxidized Rhizosph	neres on Living Roots (C3)	Crayfish Burrows (C8	
- 15 - 1			Saturation Visible on	3 3 · ·
Drift Deposits (B3) Algal Mat or Crust (B4)	Presence of Reduc		Stunted or Stressed F Geomorphic Position	
Iron Deposits (B5)	Thin Muck Surface		Shallow Aquitard (D3	
· · · · ·	Other (Explain in F		Microtopographic Re	
Sparsely Vegetated Concave Surface (B8)			FAC-Neutral Test (D5)	
Field Observations:				
Surface Water Present? Yes No	Depth	(inches):		
Water Table Present? Yes No	Depth	(inches):	Wetland Hydrology Pres	ent? Yes No
Saturation Present? Yes 🔽 No	Depth	(inches): 0		
(includes capillary fringe)				
Describe Recorded Data (stream gauge, monitor	ring well, aerial photos	s, previous inspections), if a	vailable:	
Remarks:				
A positive indication of wetland hydrology was o	bserved (primary and	secondary indicators were	present).	

Tree Stratum (Plot size:30 ft)		Dominant		Dominance Test worksheet:		
1.	% Cover	Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC:	4	(A)
2.				Total Number of Dominant Species	4	(B)
3.	-		-	Across All Strata:		(D)
4.				Percent of Dominant Species That	100	(A/B)
5.				Are OBL, FACW, or FAC: Prevalence Index worksheet:		
6.				Total % Cover of:	Multiply I	Rv.
7			-	- OBL species 70	x 1 =	70
	0	= Total Cov	ver	FACW species 10	x 2 =	20
Sapling/Shrub Stratum (Plot size: 15 ft)				FAC species 30	x 3 =	90
1. Salix nigra	60	Yes	OBL	- FACU species 0	x 4 =	0
2			-	- UPL species 0	x 5 =	0
3				- Column Totals 110	(A)	180 (B)
4					1.6	100 (b)
5					1.0	
6				Hydrophytic Vegetation Indicators:	/ 	
7				1- Rapid Test for Hydrophytic \	regetation	
	60	= Total Cov	ver	2 - Dominance Test is >50%		
Herb Stratum (Plot size:5 ft)	·-	_		3 - Prevalence Index is ≤ 3.01	1 (Drovido d	supporting
1. Solidago rugosa	30	Yes	FAC	4 - Morphological Adaptations data in Remarks or on a separate sh		supporting
2. <i>Impatiens capensis</i>	10	Yes	FACW	Problematic Hydrophytic Vege		nlain)
3. <i>Persicaria amphibia</i>	10	Yes	OBL	Indicators of hydric soil and wetlan		
4.	<u> </u>			present, unless disturbed or proble	, .	sy must be
5.				Definitions of Vegetation Strata:		
6.				Tree – Woody plants 3 in. (7.6 cm) or	r more in c	liameter at
7.				breast height (DBH), regardless of h		
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	gardless of
11.			-	size, and woody plants less than 3.2	8 ft tall.	
12.			-	Woody vines – All woody vines great	ter than 3.	28 ft in
	50	= Total Cov	ver	height.		
Woody Vine Stratum (Plot size:30 ft)		=		Hydrophytic Vegetation Present?	Yes 🟒 N	0
1.						
2.			-	-		
3.				-		
4.				-		
	0	= Total Cov	/er	-		
Remarks: (Include photo numbers here or on a separat	e sheet.)					
A positive indication of hydrophytic vegetation was obs	erved (>50	0% of domin	nant species	indexed as OBL, FACW, or FAC).		

Profile Desc	cription: (Describe	to the	depth needed to	docun	nent the	indicato	r or confirm the	absence of ind	icators.)
Depth _	Matrix		Redox	Feat	ures				
(inches)	Color (moist)	<u>%</u>	Color (moist)	%	Type ¹	Loc²	Text	ure	Remarks
0 - 14	10YR 2/2	90	5YR 4/6	10	C	M	Sandy	Loam	
¹Type: C = C	oncentration, D =	Deplet	ion, RM = Reduce	d Mat	rix, MS =	Masked	Sand Grains.	² Location: PL =	Pore Lining, M = Matrix.
Hydric Soil	Indicators:							Indicators fo	or Problematic Hydric Soils³:
Histosol			Polyvalue Be					2 cm Mu	uck (A10) (LRR K, L, MLRA 149B)
	oipedon (A2)		Thin Dark Su					Coast Pr	rairie Redox (A16) (LRR K, L, R)
Black Hi			Loamy Mucl			(LRR K,	L)	5 cm Mu	ucky Peat or Peat (S3) (LRR K, L, R)
	en Sulfide (A4) d Layers (A5)		Loamy Gleye Depleted Ma						rface (S7) (LRR K, L)
	d Below Dark Surfa	ace (A1							ue Below Surface (S8) (LRR K, L)
	ark Surface (A12)		Depleted Da)			rk Surface (S9) (LRR K, L)
Sandy M	lucky Mineral (S1)		Redox Depr	essior	ns (F8)				nganese Masses (F12) (LRR K, L, R)
Sandy G	ileyed Matrix (S4)								nt Floodplain Soils (F19) (MLRA 149B) podic (TA6) (MLRA 144A, 145, 149B)
Sandy R	edox (S5)								ent Material (F21)
Stripped	d Matrix (S6)								allow Dark Surface (TF12)
Dark Su	rface (S7) (LRR R, N	ILRA 1	49B)					-	xplain in Remarks)
3Indicators	of hydrophytic veg	etation	and wetland by	Irolog	v must h	a nrasar	nt unlace dictur	hed or problem	atic
	_ayer (if observed):		rana wedana nye	ii olog	y must b		ic, arriess distarr	bed of problem	auc.
	Type:		None			Hydric	Soil Present?		Yes No
	Depth (inches):					1.,, 4			
Remarks:	Deptir (irieries).								
Remarks.									
A positive in	ndication of hydric	soil wa	as observed						
7 positive ii	idication of flydric	3011 111	is observed.						

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	ron Springs, Schoharie	Sampling Date: 2017	'-July-11
Applicant/Owner: NextEra		State: New York	Sampling Point: W-ARS	5-03; UPL-1
Investigator(s): Andrew Steiner,	Adeline Bellesheim	Section, Township, Range:		
Landform (hillslope, terrace, etc.):	Hill	Local relief (concave, convex, none	e): None	Slope (%): 1-10
Subregion (LRR or MLRA): LR	RL	Lat: 42.763144 Lon	g: -74.5824209	Datum: WGS84
Soil Map Unit Name: Mohawk a	nd Lima soils, 2 to 10 percent slopes	(MIB)	NWI classification:	
Are climatic/hydrologic conditions	on the site typical for this time of ye	ar? Yes <u></u> No (If	no, explain in Remarks.)	
Are Vegetation, Soil,	or Hydrology significantly dis		nstances" present? Ye	es 🟒 No
Are Vegetation, Soil,	or Hydrology naturally probl	ematic? (If needed, explain	any answers in Remarks.)	
SUMMARY OF FINDINGS – At	tach site map showing sampli	ng point locations, transects,	important features, et	tc.
Hydrophytic Vegetation Present?	Yes No _ ✓			
Hydric Soil Present?	Yes No	Is the Sampled Area within a Wetl	land? Yes	No⁄_
		If yes, optional Wetland Site ID:	-	· _
Wetland Hydrology Present?	Yes No _ _ _			
Remarks: (Explain alternative prod	cedures here or in a separate report)		
TPC covertype is LIPL. Area is upla	and not all three wotland parameter	s are present corp field		
The covertype is OFL. Area is upla	and, not all three wetland parameter	s are present. Com neid		
HYDROLOGY				
Wetland Hydrology Indicators:				
Primary Indicators (minimum of o	one is required; check all that apply)	<u>Second</u>	lary Indicators (minimum o	of two required)
Surface Water (A1)	Water-Stained Lea	aves (B9) Surf	face Soil Cracks (B6)	•
High Water Table (A2)	Aquatic Fauna (B1	_	inage Patterns (B10)	
Saturation (A3)	Marl Deposits (B1	N.4	ss Trim Lines (B16)	
Water Marks (B1)	Hydrogen Sulfide	ouoi (Ci)	-Season Water Table (C2)	
Sediment Deposits (B2)	Oxidized Rhizospł	ici es on ziving noots (es)	yfish Burrows (C8)	
			uration Visible on Aerial Im	
Drift Deposits (B3)	Presence of Redu		nted or Stressed Plants (D1	1)
Algal Mat or Crust (B4)			omorphic Position (D2)	
Iron Deposits (B5)	Thin Muck Surface		llow Aquitard (D3)	
Inundation Visible on Aerial Im Sparsely Vegetated Concave S			rotopographic Relief (D4) -Neutral Test (D5)	
Field Observations:	arrace (B8)		-inedital lest (D3)	
Surface Water Present?	Yes No _ ✓ Depth	(inches):		
		·	d I hadrala ma Duana ma 2	Vac Na 4
Water Table Present?	·	· · · · ·	d Hydrology Present?	Yes No _ _∠
Saturation Present?	Yes No Depth	(inches):		
(includes capillary fringe)				
Describe Recorded Data (stream g	gauge, monitoring well, aerial photo	s, previous inspections), if available	2:	
Remarks:				
No positive indication of wetland	hydrology was observed.			

	Absolute	Dominant	Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size: 30 ft)	% Cover	Species?	Status	Number of Dominant Species Th	at 0	(4)
1.		- , 		Are OBL, FACW, or FAC:		(A)
2.				Total Number of Dominant Spec	es 1	(B)
3.				Across All Strata:		(B)
4.				Percent of Dominant Species Th	at o	(A/B)
5.				Are OBL, FACW, or FAC:		(/ (/ D)
6.				Prevalence Index worksheet:		
7.				Total % Cover of:	<u>Multiply I</u>	<u>By:</u>
/		- Total Cause		OBL species 0	x 1 =	0
S 1: (5) 1 5: (5)	0	_= Total Cove	r	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 0	x 5 =	0
3				Column Totals 0	(A)	0 (B)
4				Prevalence Index = B/A	·· _ .=	
5				Hydrophytic Vegetation Indicato		
6				1- Rapid Test for Hydrophy		
7				2 - Dominance Test is > 50%		
	0	= Total Cove	r	3 - Prevalence Index is ≤ 3.		
Herb Stratum (Plot size: <u>5 ft</u>)						
1. Zea mays	60	Yes	NI	4 - Morphological Adaptation data in Remarks or on a separate		supporting
2.				Problematic Hydrophytic V		(nicin)
3.				Indicators of hydric soil and wet	-	
4.				present, unless disturbed or pro		gy must be
5.				Definitions of Vegetation Strata:	Jematic	
6.				_) or more in .	diameter at
7.				Tree – Woody plants 3 in. (7.6 cm breast height (DBH), regardless		ulameter at
8.				Sapling/shrub – Woody plants le		OBH and
9.				greater than or equal to 3.28 ft (DDIT and
40				Herb – All herbaceous (non-woo		ardless of
10.				size, and woody plants less than		541 41033 01
11				Woody vines – All woody vines g		.28 ft in
12				height.		
	60	_= Total Cove	r	Hydrophytic Vegetation Present	2 Voc N	lo (
Woody Vine Stratum (Plot size: 30 ft)				Trydrophytic vegetation Fresent	; 165 IV	···
1						
2						
3.						
4						
	0	= Total Cove	r			
Remarks: (Include photo numbers here or on a separa	ite sheet)					
Tremaries (melade prioto nambers here or on a separe	ice sinced,					

Profile Desc	ription: (Describe t Matrix	o the de	epth needed to do			ndicator	or confirm the al	bsence of indicat	tors.)
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	ıre	Remarks
0 - 6	10YR 3/2	100	color (mode)	· — · —			Gravelly Si		mixed and compacted
				· — · —		<u> </u>			
				· — · — · —		<u></u>			
1Type: C = C	oncentration D = [n PM – Paducad	Matr	iv MC -	Mackad	Sand Grains 21	ocation: PL = Por	ro Lining M - Matrix
Hydric Soil I	oncentration, D = [zepieti0	ii, kivi – keduced	wati	ix, ivi5 =	iviasked	Sanu Grains. ² L0		re Lining, M = Matrix. Problematic Hydric Soils ³ :
Black Hi Hydroge Stratifier Depleter Thick Da Sandy N Sandy G Sandy R Dark Su	pipedon (A2) stic (A3) en Sulfide (A4) d Layers (A5) d Below Dark Surfa erk Surface (A12) lucky Mineral (S1) eleyed Matrix (S4) edox (S5) d Matrix (S6) erface (S7) (LRR R, M	LRA 149	Thin Dark Sui Loamy Mucky Loamy Gleyei Depleted Mai Redox Dark S Depleted Dar Redox Depre	face / Min d Mar crix (F urfac k Sur ssion	(S9) (LRR eral (F1) trix (F2) F3) Se (F6) face (F7) Is (F8)	R, MLR.	.)	Coast Prair 5 cm Muck Dark Surfa Polyvalue E Thin Dark S Iron-Manga Piedmont F Mesic Spoc Red Parent Very Shallo	(A10) (LRR K, L, MLRA 149B) rie Redox (A16) (LRR K, L, R) ry Peat or Peat (S3) (LRR K, L, R) ce (S7) (LRR K, L) Below Surface (S8) (LRR K, L) Surface (S9) (LRR K, L) anese Masses (F12) (LRR K, L, R) Floodplain Soils (F19) (MLRA 149B) dic (TA6) (MLRA 144A, 145, 149B) t Material (F21) ow Dark Surface (TF12) lain in Remarks)
-	of hydrophytic vege	etation a	and wetland hydr	ology	/ must be	e presen	t, unless disturbe	d or problemation	<u> </u>
	.ayer (if observed): Type:	(Compaction			Hydric	Soil Present?	,	Yes No _ _ ⁄_
	Depth (inches):		6			liyane	John Frederic.		103 <u> </u>
Remarks:	indication of hydric	c soils w	as observed.						

Photo of Sample Plot



Project/Site: East Point	City/County: Sharon Springs, Schoharie	Sampling Date:	2017-July-11
Applicant/Owner: NextEra	State: Ne	w York Sampling Point:	W-ARS-04; PEM-1
Investigator(s): Andrew Steiner, Adeline Belleshe	m Section, Township	o, Range:	
Landform (hillslope, terrace, etc.): Depression	Local relief (concave, con	vex, none): Concave	Slope (%): 1-10
Subregion (LRR or MLRA): LRR L	Lat: 42.763836	Long: -74.5847336	Datum: WGS84
Soil Map Unit Name: Mohawk and Lima soils, 2 t		NWI classifi	
Are climatic/hydrologic conditions on the site typical		o (If no, explain in Rema	
	-	nal Circumstances" present?	Yes ✓ No
Are Vegetation, Soil, or Hydrology _	naturally problematic? (If needed	l, explain any answers in Rem	arks.)
SUMMARY OF FINDINGS – Attach site map	showing sampling point locations tra	ansects important featur	res etc
·	✓ No	insects, important reatur	es, etc.
	i i	-i 18/atlam d2	Von (No
	✓ No Is the Sampled Area with		Yes No
Wetland Hydrology Present? Yes _	✓ No If yes, optional Wetland	Site ID:	W-ARS-04
TRC covertype is PEM. Area is wetland, all three we	tland parameters are present. tilled field, no	t planted	
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; ch	neck all that apply)	Secondary Indicators (mini	num of two required)
	Water-Stained Leaves (B9)	Surface Soil Cracks (B6)	
I	Aquatic Fauna (B13)	Drainage Patterns (B10)	
	Marl Deposits (B15)	Moss Trim Lines (B16) Dry-Season Water Table	(C2)
	Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3)	C C L D (CO)	(02)
Sediment Deposits (B2)	Oxidized Kriizosprieres on Living Roots (CS)	Saturation Visible on Ae	rial Imagery (C9)
Drift Deposits (B3)	Presence of Reduced Iron (C4)	Stunted or Stressed Pla	nts (D1)
Algal Mat or Crust (B4)	Recent Iron Reduction in Tilled Soils (C6)	Geomorphic Position (D	2)
· · · · · · · · · · · · · · · · · · ·	Thin Muck Surface (C7)	Shallow Aquitard (D3)	
	Other (Explain in Remarks)	✓ Microtopographic Relief	(D4)
Sparsely Vegetated Concave Surface (B8)		<u>✓</u> FAC-Neutral Test (D5)	
Field Observations:			
Surface Water Present? Yes No		_	
Water Table Present? Yes No	Depth (inches):	Wetland Hydrology Present	? Yes No
Saturation Present? Yes 🗸 No _	Depth (inches): 2	_	
(includes capillary fringe)			
Describe Recorded Data (stream gauge, monitoring	g well, aerial photos, previous inspections), if	available:	
Remarks:			
A positive indication of wetland hydrology was obs	erved (primary and secondary indicators we	re present).	

<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)		Dominant Species?	Indicator Status	Dominance Test work Number of Dominant			
1.	70 COVE	species:	Status	Are OBL, FACW, or FAC	•	2	(A)
2.				Total Number of Dom	inant Species	2	(B)
3				Across All Strata: Percent of Dominant	Snacias That		
4				Are OBL, FACW, or FAC		100	(A/B)
5				Prevalence Index wor			
6.				Total % Cove	<u>r of:</u>	Multiply B	<u>By:</u>
7				OBL species	25	x 1 =	25
6 1: (61 1 6:	0	= Total Cov	er	FACW species	43	x 2 =	86
Sapling/Shrub Stratum (Plot size:15 ft)				FAC species	0	x 3 =	0
				FACU species	10	x 4 =	40
2.				UPL species	0	x 5 =	0
3.				Column Totals	78	(A)	151 (B)
4				Prevalence	Index = B/A =	1.9	
5.				Hydrophytic Vegetatio	n Indicators:		
6.				1- Rapid Test for		/egetation	
7				2 - Dominance To	est is >50%	_	
	0	= Total Cov	er	✓ 3 - Prevalence In	dex is ≤ 3.0 ¹		
Herb Stratum (Plot size: _5 ft)	40	V	FACIAL	4 - Morphologica	al Adaptations	¹ (Provide s	upporting
1. Phalaris arundinacea	40	Yes	FACW	data in Remarks or or	a separate sh	neet)	
2. Lythrum salicaria	25	Yes	OBL	Problematic Hyd	lrophytic Vege	tation¹ (Exp	olain)
3. Festuca rubra		No No	FACU	¹Indicators of hydric s			y must be
4. Heracleum maximum	3	No	FACW	present, unless distur		matic	
5.				Definitions of Vegetat			
6.				Tree – Woody plants 3			iameter at
7				breast height (DBH), r	_	_	B
8.				Sapling/shrub – Wood greater than or equal			BH and
9.				Herb – All herbaceous			ardless of
10				size, and woody plant			ai uless oi
11				Woody vines – All woo			28 ft in
12				height.	, ay 1es 8. ea		
Woody Vine Stratum (Plot size: 30 ft	78	= Total Cov	er	Hydrophytic Vegetati	on Present? `	Yes No	o
1							
2							
3							
4.							
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a se	parate sheet.)						
·	-						
Fallow field							

1-7 10 7-16 10 7-16 10 7-16 10 7-16 10 10 11 Type: C = Concent Hydric Soil Indicato Histic Epipedor Black Histic (A3 Hydrogen Sulfic Stratified Layer Depleted Belov Thick Dark Surf Sandy Mucky M Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S 3Indicators of hydr	tration, D = De ors: n (A2) 3) ide (A4) rs (A5) w Dark Surface face (A12) Mineral (S1)	80 10 90 10	Polyvalue Be Thin Dark Su Joamy Muck Joamy Gleye Depleted Ma Redox Dark Depleted Da	elow Suurface (ky Mine ed Mat atrix (F. Surfac	urface (S (S9) (LRR eral (F1) (rix (F2)	8) (LRR R, I R, MLRA 1	Silt Gravelly and Grains. ² L	Indicators for Pr 2 cm Muck (, Coast Prairie	Remarks Mixed Lining, M = Matrix. roblematic Hydric Soils³: A10) (LRR K, L, MLRA 149B) Redox (A16) (LRR K, L, R) Peat or Peat (S3) (LRR K, L, R)
7-16 10 Type: C = Concent Hydric Soil Indicate Histosol (A1) Histic Epipedor Black Histic (A3 Hydrogen Sulfie Stratified Layer Depleted Belov Thick Dark Surf Sandy Mucky N Sandy Gleyed N Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydr Restrictive Layer (if Type: Depth	tration, D = De ors: n (A2) 3) ide (A4) rs (A5) w Dark Surface face (A12) Mineral (S1)	90 10 ——————————————————————————————————	OR 5/6 OR 5/6 Polyvalue Be Thin Dark Su. Oamy Muck Oamy Gleye Depleted Ma Redox Dark Depleted Da	d Matricelow Surface (ky Mine ed Matatrix (F. Surface)	ix, MS = urface (S (S9) (LRR eral (F1)) rix (F2)	Masked Sa	Gravelly and Grains. ² L	y Silt Loam Location: PL = Pore Indicators for Pr 2 cm Muck (, Coast Prairie	Lining, M = Matrix. roblematic Hydric Soils³: A10) (LRR K, L, MLRA 149B) Redox (A16) (LRR K, L, R)
Type: C = Concent Hydric Soil Indicate Histosol (A1) Histic Epipedor Black Histic (A3 Hydrogen Sulfie Stratified Layer Depleted Belov Thick Dark Surf Sandy Mucky N Sandy Gleyed N Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydr Restrictive Layer (if Type: Depth	tration, D = De ors: n (A2) 3) ide (A4) rs (A5) w Dark Surface face (A12) Mineral (S1)	— Pr — Tl — Lc — Lc — ∠ D e (A11)_ ∠ R	M = Reduced Polyvalue Be Thin Dark Su Joamy Muck Joamy Gleye Depleted Ma Redox Dark Depleted Da	d Matr elow Surface (ky Mine ed Mat atrix (F. Surfac	ix, MS = urface (S (S9) (LRR eral (F1) rix (F2)	Masked Sa	and Grains. ² L	Location: PL = Pore Indicators for Pr 2 cm Muck (, Coast Prairie	roblematic Hydric Soils ³ : A10) (LRR K, L, MLRA 149B) e Redox (A16) (LRR K, L, R)
Hydric Soil Indicate Histosol (A1) Histic Epipedor Black Histic (A3 Hydrogen Sulfie Stratified Layer Depleted Belov Thick Dark Surf Sandy Mucky M Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydr Restrictive Layer (if Type: Depth	ors: n (A2) 3) ide (A4) rs (A5) w Dark Surface face (A12) Mineral (S1)	P. TI Lo ∠ D e (A11) _ R	Polyvalue Be Thin Dark Su Joamy Muck Joamy Gleye Depleted Ma Redox Dark Depleted Da	elow Suurface (ky Mine ed Mat atrix (F. Surfac	urface (S (S9) (LRR eral (F1) (rix (F2)	8) (LRR R, I R, MLRA 1	MLRA 149B)	Indicators for Pr 2 cm Muck (, Coast Prairie	roblematic Hydric Soils ³ : A10) (LRR K, L, MLRA 149B) e Redox (A16) (LRR K, L, R)
Hydric Soil Indicate Histosol (A1) Histic Epipedor Black Histic (A3 Hydrogen Sulfie Stratified Layer Depleted Belov Thick Dark Surf Sandy Mucky M Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydr Restrictive Layer (if Type: Depth	ors: n (A2) 3) ide (A4) rs (A5) w Dark Surface face (A12) Mineral (S1)	P. TI Lo ∠ D e (A11) _ R	Polyvalue Be Thin Dark Su Joamy Muck Joamy Gleye Depleted Ma Redox Dark Depleted Da	elow Suurface (ky Mine ed Mat atrix (F. Surfac	urface (S (S9) (LRR eral (F1) (rix (F2)	8) (LRR R, I R, MLRA 1	MLRA 149B)	Indicators for Pr 2 cm Muck (, Coast Prairie	roblematic Hydric Soils ³ : A10) (LRR K, L, MLRA 149B) e Redox (A16) (LRR K, L, R)
Hydric Soil Indicate Histosol (A1) Histic Epipedor Black Histic (A3 Hydrogen Sulfie Stratified Layer Depleted Belov Thick Dark Surf Sandy Mucky M Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydr Restrictive Layer (if Type: Depth	ors: n (A2) 3) ide (A4) rs (A5) w Dark Surface face (A12) Mineral (S1)	P. TI Lo ∠ D e (A11) _ R	Polyvalue Be Thin Dark Su Joamy Muck Joamy Gleye Depleted Ma Redox Dark Depleted Da	elow Suurface (ky Mine ed Mat atrix (F. Surfac	urface (S (S9) (LRR eral (F1) (rix (F2)	8) (LRR R, I R, MLRA 1	MLRA 149B)	Indicators for Pr 2 cm Muck (, Coast Prairie	roblematic Hydric Soils ³ : A10) (LRR K, L, MLRA 149B) e Redox (A16) (LRR K, L, R)
Hydric Soil Indicate Histosol (A1) Histic Epipedor Black Histic (A3 Hydrogen Sulfic Stratified Layer Depleted Belov Thick Dark Surf Sandy Mucky M Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydr Restrictive Layer (if Type: Depth	ors: n (A2) 3) ide (A4) rs (A5) w Dark Surface face (A12) Mineral (S1)	P. TI Lo ∠ D e (A11) _ R	Polyvalue Be Thin Dark Su Joamy Muck Joamy Gleye Depleted Ma Redox Dark Depleted Da	elow Suurface (ky Mine ed Mat atrix (F. Surfac	urface (S (S9) (LRR eral (F1) (rix (F2)	8) (LRR R, I R, MLRA 1	MLRA 149B)	Indicators for Pr 2 cm Muck (, Coast Prairie	roblematic Hydric Soils ³ : A10) (LRR K, L, MLRA 149B) e Redox (A16) (LRR K, L, R)
Hydric Soil Indicate Histosol (A1) Histic Epipedor Black Histic (A3 Hydrogen Sulfic Stratified Layer Depleted Belov Thick Dark Surf Sandy Mucky M Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydr Restrictive Layer (if Type: Depth	ors: n (A2) 3) ide (A4) rs (A5) w Dark Surface face (A12) Mineral (S1)	P. TI Lo ∠ D e (A11) _ R	Polyvalue Be Thin Dark Su Joamy Muck Joamy Gleye Depleted Ma Redox Dark Depleted Da	elow Suurface (ky Mine ed Mat atrix (F. Surfac	urface (S (S9) (LRR eral (F1) (rix (F2)	8) (LRR R, I R, MLRA 1	MLRA 149B)	Indicators for Pr 2 cm Muck (, Coast Prairie	roblematic Hydric Soils ³ : A10) (LRR K, L, MLRA 149B) e Redox (A16) (LRR K, L, R)
Hydric Soil Indicate Histosol (A1) Histic Epipedor Black Histic (A3 Hydrogen Sulfic Stratified Layer Depleted Belov Thick Dark Surf Sandy Mucky M Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydr Restrictive Layer (if Type: Depth	ors: n (A2) 3) ide (A4) rs (A5) w Dark Surface face (A12) Mineral (S1)	P. TI Lo ∠ D e (A11) _ R	Polyvalue Be Thin Dark Su Joamy Muck Joamy Gleye Depleted Ma Redox Dark Depleted Da	elow Suurface (ky Mine ed Mat atrix (F. Surfac	urface (S (S9) (LRR eral (F1) (rix (F2)	8) (LRR R, I R, MLRA 1	MLRA 149B)	Indicators for Pr 2 cm Muck (, Coast Prairie	roblematic Hydric Soils ³ : A10) (LRR K, L, MLRA 149B) e Redox (A16) (LRR K, L, R)
Hydric Soil Indicate Histosol (A1) Histic Epipedor Black Histic (A3 Hydrogen Sulfic Stratified Layer Depleted Belov Thick Dark Surf Sandy Mucky M Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydr Restrictive Layer (if Type: Depth	ors: n (A2) 3) ide (A4) rs (A5) w Dark Surface face (A12) Mineral (S1)	P. TI Lo ∠ D e (A11) _ R	Polyvalue Be Thin Dark Su Joamy Muck Joamy Gleye Depleted Ma Redox Dark Depleted Da	elow Suurface (ky Mine ed Mat atrix (F. Surfac	urface (S (S9) (LRR eral (F1) (rix (F2)	8) (LRR R, I R, MLRA 1	MLRA 149B)	Indicators for Pr 2 cm Muck (, Coast Prairie	roblematic Hydric Soils ³ : A10) (LRR K, L, MLRA 149B) e Redox (A16) (LRR K, L, R)
Hydric Soil Indicate Histosol (A1) Histic Epipedor Black Histic (A3 Hydrogen Sulfic Stratified Layer Depleted Belov Thick Dark Surf Sandy Mucky M Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydr Restrictive Layer (if Type: Depth	ors: n (A2) 3) ide (A4) rs (A5) w Dark Surface face (A12) Mineral (S1)	P. TI Lo ∠ D e (A11) _ R	Polyvalue Be Thin Dark Su Joamy Muck Joamy Gleye Depleted Ma Redox Dark Depleted Da	elow Suurface (ky Mine ed Mat atrix (F. Surfac	urface (S (S9) (LRR eral (F1) (rix (F2)	8) (LRR R, I R, MLRA 1	MLRA 149B)	Indicators for Pr 2 cm Muck (, Coast Prairie	roblematic Hydric Soils ³ : A10) (LRR K, L, MLRA 149B) e Redox (A16) (LRR K, L, R)
Hydric Soil Indicate Histosol (A1) Histic Epipedor Black Histic (A3 Hydrogen Sulfie Stratified Layer Depleted Belov Thick Dark Surf Sandy Mucky M Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydr Restrictive Layer (if Type: Depth	ors: n (A2) 3) ide (A4) rs (A5) w Dark Surface face (A12) Mineral (S1)	P. TI Lo ∠ D e (A11) _ R	Polyvalue Be Thin Dark Su Joamy Muck Joamy Gleye Depleted Ma Redox Dark Depleted Da	elow Suurface (ky Mine ed Mat atrix (F. Surfac	urface (S (S9) (LRR eral (F1) (rix (F2)	8) (LRR R, I R, MLRA 1	MLRA 149B)	Indicators for Pr 2 cm Muck (, Coast Prairie	roblematic Hydric Soils ³ : A10) (LRR K, L, MLRA 149B) e Redox (A16) (LRR K, L, R)
Hydric Soil Indicate Histosol (A1) Histic Epipedor Black Histic (A3 Hydrogen Sulfie Stratified Layer Depleted Belov Thick Dark Surf Sandy Mucky M Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydr Restrictive Layer (if Type: Depth	ors: n (A2) 3) ide (A4) rs (A5) w Dark Surface face (A12) Mineral (S1)	P. TI Lo ∠ D e (A11) _ R	Polyvalue Be Thin Dark Su Joamy Muck Joamy Gleye Depleted Ma Redox Dark Depleted Da	elow Suurface (ky Mine ed Mat atrix (F. Surfac	urface (S (S9) (LRR eral (F1) (rix (F2)	8) (LRR R, I R, MLRA 1	MLRA 149B)	Indicators for Pr 2 cm Muck (, Coast Prairie	roblematic Hydric Soils³: A10) (LRR K, L, MLRA 149B) e Redox (A16) (LRR K, L, R)
Hydric Soil Indicate Histosol (A1) Histic Epipedor Black Histic (A3 Hydrogen Sulfic Stratified Layer Depleted Belov Thick Dark Surf Sandy Mucky M Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydr Restrictive Layer (if Type: Depth	ors: n (A2) 3) ide (A4) rs (A5) w Dark Surface face (A12) Mineral (S1)	P. TI Lo ∠ D e (A11) _ R	Polyvalue Be Thin Dark Su Joamy Muck Joamy Gleye Depleted Ma Redox Dark Depleted Da	elow Suurface (ky Mine ed Mat atrix (F. Surfac	urface (S (S9) (LRR eral (F1) (rix (F2)	8) (LRR R, I R, MLRA 1	MLRA 149B)	Indicators for Pr 2 cm Muck (, Coast Prairie	roblematic Hydric Soils³: A10) (LRR K, L, MLRA 149B) e Redox (A16) (LRR K, L, R)
— Histosol (A1) — Histic Epipedor — Black Histic (A3	n (A2) 3) ide (A4) rs (A5) w Dark Surface face (A12) Mineral (S1)	TI Lo Lo D e (A11)/ Ro D	hin Dark Su oamy Muck oamy Gleye Depleted Ma Redox Dark Depleted Da	urface (ky Mine ed Mat atrix (F. Surfac	(S9) (LRR eral (F1) rix (F2)	R, MLRA 1		2 cm Muck (Coast Prairie	A10) (LRR K, L, MLRA 149B) • Redox (A16) (LRR K, L, R)
— Histic Epipedor — Black Histic (A3 ✓ Hydrogen Sulfie — Stratified Layer ✓ Depleted Belov — Thick Dark Surf — Sandy Mucky M — Sandy Gleyed M — Sandy Redox (S — Stripped Matrix — Dark Surface (S ³Indicators of hydr Restrictive Layer (if — Type: — Depth	3) ide (A4) rs (A5) w Dark Surface face (A12) Mineral (S1)	TI Lo Lo D e (A11)/ Ro D	hin Dark Su oamy Muck oamy Gleye Depleted Ma Redox Dark Depleted Da	urface (ky Mine ed Mat atrix (F. Surfac	(S9) (LRR eral (F1) rix (F2)	R, MLRA 1		Coast Prairie	e Redox (A16) (LRR K, L, R)
Black Histic (A3' Hydrogen Sulfic Stratified Layer _' Depleted Belov Thick Dark Surf Sandy Mucky M Sandy Redox (S Stripped Matrix Dark Surface (S 3Indicators of hydr Restrictive Layer (if Type: Depth	3) ide (A4) rs (A5) w Dark Surface face (A12) Mineral (S1)	Lo Lo ⁄ D e (A11)⁄ Ro D	oamy Muck oamy Gleye Depleted Ma Redox Dark Depleted Da	ky Mine ed Mat atrix (F. Surfac	eral (F1) rix (F2)				
Stratified Layer Depleted Belov Thick Dark Surf Sandy Mucky M Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydr Type: Depth	rs (A5) w Dark Surface face (A12) Mineral (S1)	_ <u></u> D e (A11) <u></u> D	Depleted Ma Redox Dark Depleted Da	atrix (F. Surfac				3 cm macky	
✓ Depleted Below Thick Dark Surf Sandy Mucky M Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S 3Indicators of hydr Restrictive Layer (if Type: Depth	w Dark Surface face (A12) Mineral (S1)	e (A11) <u> /</u> R D	Redox Dark Depleted Da	Surfac	3)			Dark Surface	
Thick Dark Surf Sandy Mucky M Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S 3Indicators of hydr Restrictive Layer (if Type: Depth	face (A12) Mineral (S1)	D	Depleted Da						elow Surface (S8) (LRR K, L)
Sandy Mucky M Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydr Restrictive Layer (if Type: Depth	Mineral (S1)							Thin Dark Su	urface (S9) (LRR K, L)
Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydr Restrictive Layer (if Type: Depth		·`	Redox Depre					Iron-Mangar	nese Masses (F12) (LRR K, L, R)
Sandy Redox (S Stripped Matrix Dark Surface (S 3Indicators of hydr Restrictive Layer (if Type: Depth			icdox Depri	C331011.	3 (1 0)				oodplain Soils (F19) (MLRA 149B)
Stripped Matrix Dark Surface (S 3Indicators of hydr Restrictive Layer (if Type: 									c (TA6) (MLRA 144A, 145, 149B)
Dark Surface (S 3Indicators of hydr Restrictive Layer (if Type: Depth								Red Parent N	
Restrictive Layer (if Type: 		RA 149B)						Very Shallow Other (Expla	v Dark Surface (TF12)
Restrictive Layer (if Type: 									
Type: Depth		ation and w	vetiand hyd	irology	must be	present, i	uniess disturbe	ed or problematic.	
Depth	i observeu).	No	nno.			Hydric Sc	oil Present?		Vos. / No.
	(inches):	INU	ille	-		nyunc sc	iii Fresent:		Yes No
Remarks.	(ITICHES).								·
A positive indicatio	on of hydric so	nil was ohse	erved						
71 positive maleutio	211 01 11y an e 30	m was obse	vea.						

Photo of Sample Plot



Project/Site: East Point	City/Cou	nty: Sharon Springs, Schoharie	Sampling Date:	2017-July-11		
Applicant/Owner: NextEra		State: Ne	w York Sampling Point: \	W-ARS-04; UPL-1		
Investigator(s): Andrew Steine	r, Adeline Bellesheim	Section, Township	Range:			
Landform (hillslope, terrace, etc.)): Hill	Local relief (concave, con	/ex, none): Convex	Slope (%): 1-10		
Subregion (LRR or MLRA): L	LRR L	Lat: 42.7639373	Long: -74.5846938	Datum: WGS84		
Soil Map Unit Name: Mohawk	and Lima soils, 2 to 10 perce		NWI classific			
Are climatic/hydrologic condition	ıs on the site typical for this t	ime of year? Yes 🟒 No	(If no, explain in Rema	rks.)		
Are Vegetation, Soil,	or Hydrology signif	icantly disturbed? Are "Norm	al Circumstances" present?	Yes No		
Are Vegetation, Soil,	or Hydrology natur	ally problematic? (If needed	explain any answers in Rem	arks.)		
			_			
SUMMARY OF FINDINGS – A	Attach site map showing	sampling point locations, tra	nsects, important featur	es, etc.		
Hydrophytic Vegetation Present	? Yes No _	∠ .				
Hydric Soil Present?	Yes No _	✓ Is the Sampled Area with	in a Wetland?	Yes No⁄_		
Wetland Hydrology Present?	Yes No	∠ If yes, optional Wetland S	ite ID:			
Remarks: (Explain alternative pr	ocedures here or in a separa	te report)				
		,				
TRC covertype is UPL. Area is up	land, not all three wetland p	arameters are present. row crop				
HYDROLOGY						
HIDROLOGI						
Wetland Hydrology Indicators:						
Primary Indicators (minimum of	one is required; check all that	at apply)	Secondary Indicators (minir	num of two required)		
Surface Water (A1)	Water-St	ained Leaves (B9)	Surface Soil Cracks (B6)			
High Water Table (A2)	Aquatic F		Drainage Patterns (B10)			
Saturation (A3)	Marl Dep	oosits (B15)	Moss Trim Lines (B16)			
Water Marks (B1)	Hydroge	n Sulfide Odor (C1)	Dry-Season Water Table (C2)			
Sediment Deposits (B2)	Oxidized	Rhizospheres on Living Roots (C3)	Crayfish Burrows (C8)			
			Saturation Visible on Ae	-		
Drift Deposits (B3)		e of Reduced Iron (C4)	Stunted or Stressed Plar			
Algal Mat or Crust (B4)		on Reduction in Tilled Soils (C6)	Geomorphic Position (D.	2)		
Iron Deposits (B5)		ck Surface (C7)	Shallow Aquitard (D3)	· (D.4)		
Inundation Visible on Aerial	• •	kplain in Remarks)	Microtopographic Relief	(D4)		
Sparsely Vegetated Concave	Surface (B8)		FAC-Neutral Test (D5)			
Field Observations:	Vos. No. 4	Donth (inches)				
Surface Water Present?	Yes No	Depth (inches):	-	3 V N		
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	n gauge, monitoring well, aer	ial photos, previous inspections), if	available:			
Remarks:						
No marking in direction of of	al booding languages of the control					
No positive indication of wetland	a nydrology was observed.					

·				Danis Takun dala			
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)		Dominant		Dominance Test worksho			
	% Cover	Species?	Status	Number of Dominant Sp Are OBL, FACW, or FAC:	ecies mai	0	(A)
1				Total Number of Domina	nt Charias		
2				Across All Strata:	int species	1	(B)
3				Percent of Dominant Spe	ecies That		
4				Are OBL, FACW, or FAC:	cics mac	0	(A/B)
5				Prevalence Index worksh	neet:		
6				Total % Cover o		Multiply E	Bv.
7				OBL species	<u></u> 0	x 1 =	0
	0	= Total Cove	er	FACW species	0	x 2 =	0
Sapling/Shrub Stratum (Plot size: 15 ft)				FAC species	0	x3=	0
1				FACU species	0	x 4 =	0
2				<u> </u>		_	
3.				UPL species	0	x 5 = _	0
4.				Column Totals	0	(A)	0 (B)
5.				Prevalence Ind	ex = B/A =		
6.				Hydrophytic Vegetation I	ndicators:		
7.				1- Rapid Test for Hy	drophytic V	egetation/	
/·	0	= Total Cove	r	2 - Dominance Test	is > 50%		
Harb Stratum (Blot size) Eft)		_ TOTAL COVE	:1	3 - Prevalence Inde	x is ≤ 3.0^{1}		
Herb Stratum (Plot size:5 ft) 1. Fabaceae	50	Yes	NI	4 - Morphological A	daptations ¹	(Provide s	supporting
-		165	INI	data in Remarks or on a	separate sh	ieet)	
2.				Problematic Hydro	phytic Vege	tation¹ (Ex _l	plain)
3.				¹ Indicators of hydric soil			gy must be
4				present, unless disturbed	d or probler	matic	
5				Definitions of Vegetation	Strata:		
6				Tree – Woody plants 3 in	. (7.6 cm) or	more in d	liameter at
7				breast height (DBH), rega	ardless of h	eight.	
8				Sapling/shrub - Woody p	olants less tl	han 3 in. D	BH and
9.				greater than or equal to	3.28 ft (1 m) tall.	
10.				Herb – All herbaceous (n	on-woody)	plants, reg	ardless of
11.				size, and woody plants le	ess than 3.2	8 ft tall.	
12.				Woody vines – All woody	vines great	er than 3.2	28 ft in
	50	= Total Cove	r	height.			
Woody Vine Stratum (Plot size:30 ft)		-	.,	Hydrophytic Vegetation	Present?	/es N	0
1.							
2.							
3.							
4							
	0	= Total Cove	er				
Remarks: (Include photo numbers here or on a separa	te sheet.)						
soybean field							

	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	 DC ² Texture		Remarks
1 - 4	10YR 3/3	100					Silty Cla	y Loam	
4 - 9	10YR 3/4	90	10YR 4/6	10	С	М	Silty Cla	y Loam	
		- —		_					
		- —							
				_					
		- —							
				_					
		- —							
				_					
Type: C = C	 Concentration, D =	Doplotic	n PM – Poducod	Matr		Macked	Sand Grains 21		ning M - Matrix
Hydric Soil		Depletic	Jii, Kivi – Reduced	iviati	1X, 1VI3 -	Iviaskeu	Saliu GrailisLi		olematic Hydric Soils ³ :
Histosol			Polyvalue Be	low S	urface (S	8) (LRR F	, MLRA 149B)		0) (LRR K, L, MLRA 149B)
	oipedon (A2)		Thin Dark Su				=		edox (A16) (LRR K, L, R)
Black Hi	stic (A3) en Sulfide (A4)		Loamy Muck			(LRR K, L)	5 cm Mucky Pe	eat or Peat (S3) (LRR K, L, R)
	d Layers (A5)		Depleted Ma					Dark Surface (
	d Below Dark Surf	ace (A11							w Surface (S8) (LRR K, L)
	ark Surface (A12)	•	Depleted Dar					Thin Dark Surf	
Sandy N	lucky Mineral (S1)		Redox Depre	ssion	ıs (F8)				se Masses (F12) (LRR K, L, R)
Sandy G	Gleyed Matrix (S4)								dplain Soils (F19) (MLRA 149B) TA6) (MLRA 144A, 145, 149B)
Sandy R	tedox (S5)							Red Parent Ma	
Stripped	d Matrix (S6)								Park Surface (TF12)
Dark Su	rface (S7) (LRR R, I	MLRA 14	9B)					Other (Explain	
Indicators	of hydrophytic veg	getation	and wetland hydr	ology	/ must be	e presen	, unless disturbe	d or problematic.	
	Layer (if observed)	:							
	Type:		Rock			Hydric	Soil Present?	Y	es No⁄_
	Depth (inches):	_	9						
Remarks:									
No positive	indication of hydr	ic soils v	vas observed.						
No positive	indication of hydr	ic soils v	vas observed.						
No positive	indication of hydr	ic soils v	vas observed.						
No positive	indication of hydr	ic soils w	vas observed.						
No positive	indication of hydr	ic soils v	vas observed.						
No positive	indication of hydr	ic soils v	vas observed.						
No positive	indication of hydr	ic soils v	vas observed.						

Photo of Sample Plot



Project/Site: East Point	City/County: Shar	on, Schoharie	Sampling Date:	2017-July-11
Applicant/Owner: NextEra		State: New	York Sampling Point: V	V-ARS-05; PEM-1
Investigator(s): Andrew Steiner, Ad	deline Bellesheim	Section, Township, F	Range:	
Landform (hillslope, terrace, etc.):		Local relief (concave, conve		Slope (%): 1-10
Subregion (LRR or MLRA): LRR	<u>L</u>	Lat: 42.7666891	Long: -74.5878876	Datum: WGS84
Soil Map Unit Name: Mohawk and			NWI classifica	
Are climatic/hydrologic conditions or			(If no, explain in Remar	
	or Hydrology significantly dis		l Circumstances" present?	Yes _ ✓ No
Are Vegetation, Soil,	or Hydrology naturally proble	ematic? (If needed, e	explain any answers in Rema	arks.)
SUMMARY OF FINDINGS – Atta	ıch site map showing samplir	g point locations, trans	sects, important feature	es, etc.
Hydrophytic Vegetation Present?	Yes 🗸 No			
Hydric Soil Present?	Yes _ 🗸 No	Is the Sampled Area within	n a Wetland?	Yes No/_
Wetland Hydrology Present?	Yes _ ✓ _ No	If yes, optional Wetland Si		
	•		te ib.	_
Remarks: (Explain alternative proce	dures here or in a separate report)			
TRC covertype is PEM. Area is wetla	nd, all three wetland parameters a	re present. none		
HYDROLOGY				
Wetland Hydrology Indicators:				
Primary Indicators (minimum of one	e is required; check all that apply)		Secondary Indicators (minim	num of two required)
Surface Water (A1)	Water-Stained Lea	VC3 (D2)	Surface Soil Cracks (B6)	
High Water Table (A2)	Aquatic Fauna (B1:	3) -	Drainage Patterns (B10)	
✓ Saturation (A3)	Marl Deposits (B15		Moss Trim Lines (B16)	(C2)
Water Marks (B1)	<u>✓</u> Hydrogen Sulfide (Dry-Season Water Table (Crayfish Burrows (C8)	(C2)
Sediment Deposits (B2)	Oxidized Rhizosph	eres on Living Roots (C3)	Craylish Burrows (Co) Saturation Visible on Aer	ial Imagery (C9)
Drift Danasits (P2)	Processes of Podus	ad Iron (CA)		3 ,
Drift Deposits (B3) Algal Mat or Crust (B4)	Presence of Reduc		Stunted or Stressed PlanGeomorphic Position (D2	
Iron Deposits (B5)	Thin Muck Surface	` ,	Shallow Aquitard (D3)	-)
Inundation Visible on Aerial Ima			✓ Microtopographic Relief	(D4)
Sparsely Vegetated Concave Sur		_	✓ FAC-Neutral Test (D5)	(2 .)
Field Observations:				
	Yes No _ Z Depth ((inches):		
			Wetland Hydrology Present?	Ves / No
			wedana riyarology Fresent:	Yes No
	Yes No Depth ((inches): 1		
(includes capillary fringe)				
Describe Recorded Data (stream ga	uge, monitoring well, aerial photos	, previous inspections), if a	vailable:	
Remarks:				
A positive indication of wetland hyd	rology was observed (primary and	secondary indicators were	present).	
A positive indication of wetland hyd	rology was observed (primary and	secondary indicators were	present).	
A positive indication of wetland hyd	rology was observed (primary and	secondary indicators were	present).	

	Absolute	Dominant	Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size:30 ft)		Dominant Species?	Status	Number of Dominant Species T	hat	
	70 COVCI	эрсскэ.	Julus	Are OBL, FACW, or FAC:	1	(A)
1.				Total Number of Dominant Spe	cies	
2.				Across All Strata:	1	(B)
3				Percent of Dominant Species Th	nat	
4				Are OBL, FACW, or FAC:	100	(A/B)
5				Prevalence Index worksheet:		
6.				Total % Cover of:	Multiply	Bv:
7				OBL species 10	x 1 =	-,. 10
	0	= Total Cove	er	FACW species 60	x 2 =	120
Sapling/Shrub Stratum (Plot size: 15 ft)				FAC species 15	x3=	45
1				FACU species 0	x4=	0
2.						
3.				UPL species 0	x 5 = _	0
4.				Column Totals 85	(A)	175 (B)
5.				Prevalence Index = B	A =2.1	
6.				Hydrophytic Vegetation Indicate	ors:	
7.				1- Rapid Test for Hydroph	tic Vegetation	
/·		= Total Cove	or.	2 - Dominance Test is >50	6	
Harb Stratum (Blot size) Eft)		_ 10tal Cov	=1	\checkmark 3 - Prevalence Index is \le 3	.01	
Herb Stratum (Plot size:5 ft)	60	Voc	EAC\A/	4 - Morphological Adaptat	ons¹ (Provide	supporting
1. Impatiens capensis	60	Yes	FACW	data in Remarks or on a separa	te sheet)	
2. Equisetum hyemale	15	No	FAC	Problematic Hydrophytic	/egetation¹ (Ex	plain)
3. Scirpus atrovirens	_ 5	No	OBL	¹Indicators of hydric soil and we	tland hydrolog	gy must be
4. Rumex britannica	5	No	OBL	present, unless disturbed or pr	oblematic	
5				Definitions of Vegetation Strata	:	
6				Tree – Woody plants 3 in. (7.6 c	n) or more in o	diameter at
7				breast height (DBH), regardless	of height.	
8				Sapling/shrub – Woody plants l	ess than 3 in. □	DBH and
9.				greater than or equal to 3.28 ft	(1 m) tall.	
10.				Herb – All herbaceous (non-wo		gardless of
11.				size, and woody plants less tha	າ 3.28 ft tall.	
12.				Woody vines – All woody vines	greater than 3.	28 ft in
	85	= Total Cove	-r	height.		
Woody Vine Stratum (Plot size:30 ft)		-	-1	Hydrophytic Vegetation Preser	t? Yes 🟒 N	lo
1.						
2.						
-						
3.						
4						
	0	= Total Cov	er			
Remarks: (Include photo numbers here or on a separa	ate sheet.)					
A positive indication of hydrophytic vegetation was ob	served (>50)% of domin	ant species	indexed as OBL, FACW, or FAC).		
, and the second of the second						

Profile Des Depth	cription: (Describe Matrix	to the d	lepth needed to o			indicator	or confirm the	absence of indicators	5.)
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	- Texture		Remarks
1 - 3	10YR 2/1	100		- —			Mucky Silt Loam		
3 - 8	10YR 2/2	90	10YR 4/6	10	C	M	Silty Clay Loam		
8 - 16	10YR 3/1	90	10YR 4/6	10		M	Silty Clay Loam		
				<u></u>					
	-								
	-								
	-								
	-								
	-								
	-								
¹Type: C = 0	Concentration, D =	Depletic	on. RM = Reduced	d Mati	ix. MS =	Masked	Sand Grains	² Location: PL = Pore L	ining M = Matrix
	Indicators:	Бергеси	on, no neddeed	a iviaci	17, 1115	Masica	Sana Grains.		blematic Hydric Soils ³ :
Histoso			Polyvalue Be	low S	urface (S	(8) (I RR I	R MIRA 149R)		•
	pipedon (A2)		Thin Dark Su						10) (LRR K, L, MLRA 149B)
	listic (A3)		Loamy Muck						Redox (A16) (LRR K, L, R) eat or Peat (S3) (LRR K, L, R)
<u></u> Hydrog	en Sulfide (A4)		Loamy Gleye	ed Ma	trix (F2)			S cill Mucky P	
Stratifie	ed Layers (A5)		Depleted Ma	atrix (l	-3)				ow Surface (S8) (LRR K, L)
	ed Below Dark Surf	ace (A11							face (S9) (LRR K, L)
	ark Surface (A12)		Depleted Da)			ese Masses (F12) (LRR K, L, R)
_	Mucky Mineral (S1)		Redox Depre	essior	is (F8)			_	odplain Soils (F19) (MLRA 149B)
-	Gleyed Matrix (S4)							Mesic Spodic ((TA6) (MLRA 144A, 145, 149B)
-	Redox (S5)							Red Parent Ma	
	d Matrix (S6)	MIDA 14	IOD)					Very Shallow [Dark Surface (TF12)
Dark St	urface (S7) (LRR R, I	VILKA 14	196)					Other (Explain	in Remarks)
3Indicators	of hydrophytic veg	getation	and wetland hyd	rolog	y must b	e presen	t, unless distur	bed or problematic.	
Restrictive	Layer (if observed)):							
	Type:		None	_		Hydric	Soil Present?	,	Yes No
	Depth (inches):								
Remarks:									
·									

Photo of Sample Plot

