Soil Photos



Photo of Sample Plot North Photo of Sample Plot East



Photo of Sample Plot South





Project/Site: Mill Point	City/County: Fultonville, Montgomery Sampling Date: 2020					
Applicant/Owner: ConnectGen	State: NY	Sampling Point: W-KCF-05_PSS-1				
Investigator(s): Kevin Ferguson , Giovanni Pambia	N/A					
Landform (hillslope, terrace, etc.): Foot slope	Local relief (concave, convex, none): Concave Slope (%): 1 to 3				
Subregion (LRR or MLRA): MLRA 144A of LRR F	Lat: 42.89817609 Lon	g: -74.36739076 Datum: WGS84				
Soil Map Unit Name: Lansing and Mohawk soils,	25 to 60 percent slopes	NWI classification: None				
Are climatic/hydrologic conditions on the site typica	I for this time of year? Yes 🖌 No (If	no, explain in Remarks.)				
Are Vegetation, Soil, or Hydrology _ Are Vegetation, Soil, or Hydrology _	significantly disturbed? Are "Normal Circur naturally problematic? (If needed, explain	ıstances" present? Yes 🖌 No any answers in Remarks.)				

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

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🯒 No
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-KCF-05
Remarks: (Explain alternative procedure	es here or in a separate rep	ort)	
Covertype is PSS. Area is wetland, all the	ree wetland parameters are	e present.	

HYDROLOGY

Wetland Hydrology Indicators:				
Primary Indicators (minimum of o	Secondary Indicators (minimum of two required)			
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Orift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) 				 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:				
Surface Water Present?	Yes No 🟒	Depth (inches):		
Water Table Present?	Yes 🟒 No	Depth (inches):	2	Wetland Hydrology Present? Yes No
Saturation Present?	Yes 🟒 No	Depth (inches):	0	_
(includes capillary fringe)				
Describe Recorded Data (stream g	;auge, monitoring well, ae	erial photos, previous inspe	ections), if	available:
The criterion for wetland bydrolog	wis met			
	jy is met.			

Sampling Point: W-KCF-05_PSS-1

Tree Stratum (Plot size: <u>30 ft</u>)	Absolute % Cover	Dominant	Indicator Status	Dominance Test works	neet:		
1 Salixalba	30	Voc	EACW	Are OBL, FACW, or FAC:		5	(A)
2		103	TACW	Total Number of Domir	nant Species		(5)
2				Across All Strata:		5	(B)
				Percent of Dominant Sp	pecies That	100	(A /D)
4				Are OBL, FACW, or FAC:		100	(A/ D)
5				Prevalence Index works	sheet:		
7				Total % Cover	<u>of:</u>	<u>Multiply</u>	<u>By:</u>
7		- Total Cau		OBL species	0	x 1 =	0
Carling (Church Churchana (Distriction 45 ft)	30		er	FACW species	125	x 2 =	250
Sapling/Shrub Stratum (Plot size:15 ft)	20		FACIN	FAC species	30	x 3 =	90
1. Salix alba	20	Yes	FACW	FACU species	5	x 4 =	20
2. Rhamnus cathartica	15	Yes	FAC	- UPL species	0	x 5 =	0
3. Lonicera morrowii	5	No	FACU	Column Totals	160	(A)	360 (B)
4				Prevalence In	idex = B/A =	2.3	<u> </u>
5				Hydrophytic Vegetation	Indicators:		
6				1- Rapid Test for H	lydrophytic V	/egetation	h
7				2 - Dominance Tes	t is $>50\%$	egetation	
	40	= Total Cov	er	✓ 2 Dominance res	$e_{\rm X} i_{\rm S} < 3.0^{1}$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				4 - Morphological	Adaptations1	(Provide	supporting
1. <i>Phalaris arundinacea</i>	70	Yes	FACW	data in Remarks or on a	a separate sh	(FTOVICE leet)	Supporting
2. <i>Solidago rugosa</i>	15	No	FAC	Problematic Hydro	ophytic Vege	tation ¹ (E	xplain)
3.				¹ Indicators of hydric so	il and wetlan	d hydrolo	gy must be
4.				present, unless disturb	ed or probler	natic	8) 11050 80
5.				Definitions of Vegetatio	n Strata:		
6.				Tree – Woody plants 3 i	n. (7.6 cm) or	- more in	diameter at
7.				breast height (DBH), re	gardless of h	eight.	
8.				Sapling/shrub - Woody	plants less tl	han 3 in. I	DBH and
9.				greater than or equal to	o 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous (non-woody)	plants, re	gardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12				Woody vines - All wood	ly vines great	ter than 3	.28 ft in
		= Total Cov	er	height.			
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation	n Present?	/es 🟒 N	No
1 Vitis cinerea	5	Vac	EACW				
		103	TACI				
2				•			
2				-			
4.		Tabal C		•			
	5	= Iotal Cov	er	_ 			
Remarks: (Include photo numbers here or on a sep A positive indication of hydrophytic vegetation was	arate sheet.) observed (>50)% of domin	ant species	indexed as OBL, FACW, o	r FAC).		

Depth (inches)			•				absence of indicators.
(inches)	Matrix		Redo	<pre>< Feat</pre>	ures		
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ² Te	kture Remarks
0 - 6	10YR 3/1	97	10YR 5/8	3	С	M Silty C	ay Loam
6 - 14	10YR 3/1	95	10YR 5/8	5	С	M	lay
14 - 20	10YR 4/1	80	10YR 5/8	20	С	M	lay
	-		-				
				·			
						<u> </u>	
				. —		<u> </u>	
¹ Type: C = 0	Concentration, D =	Depleti	on, RM = Reduce	d Mat	rix, MS =	Masked Sand Grains.	Location: PL = Pore Lining, M = Matrix.
Hydric Soil	Indicators:						Indicators for Problematic Hydric Soils ³ :
Histoso	I (A1)		Polyvalue B	elow S	urface (S	8) (LRR R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Histic E	pipedon (A2)		Thin Dark Si	urface	(S9) (LRR	R, MLRA 149B)	Coast Prairie Redox (A16) (LRR K, L, R)
Black H	istic (A3)		Loamy Mucl	ky Mir	eral (F1)	(LRR K, L)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
Hydrog	en Sulfide (A4)		Loamy Gley	ed Ma	trix (F2)		Dark Surface (S7) (LRR K, L)
Stratille	d Bolow Dark Surf	aco (A1	Depieted Mi 1) Podox Dark	aurix (i Surfa	-3) -a (E6)		Polyvalue Below Surface (S8) (LRR K, L)
Depiete Thick D	ark Surface (A12)		Depleted Dark	ark Su	rface (FO)		Thin Dark Surface (S9) (LRR K, L)
Sandy M	Aucky Mineral (S1)		Beday Depr	essior	nace (17) ns (F8)		Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy (Sloved Matrix (SA)			0001	13 (10)		Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy C	Dodox (S5)						Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Sanuy P	d Matrix (SG)						Red Parent Material (F21)
Suipper			100)				Very Shallow Dark Surface (TF12)
Dark SU	Inace (57) (LKK K, N	ILKA 14	+9D)				Other (Explain in Remarks)
³ Indicators	of hydrophytic veg	etation	and wetland hyd	Irolog	y must be	e present, unless disturl	bed or problematic.
Restrictive	Layer (if observed):						
	Type:		None			Hydric Soil Present?	Yes 🟒 No
	Depth (inches):			-			
							<u> </u>
Remarks [.]							
Remarks:	ndication of hydric	soil wa	s observed				
Remarks: A positive i	ndication of hydric	soil wa	s observed.				
Remarks: A positive i	ndication of hydric	soil wa	s observed.				
Remarks: A positive i	ndication of hydric	soil wa	s observed.				
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Remarks: A positive i	ndication of hydric	soil wa	s observed.				
Remarks: A positive i	ndication of hydric	soil wa	s observed.				

Photo of Sample Plot North



Photo of Sample Plot East



Photo of Sample Plot West

Project/Site: Mill Point	City/County: Fultonville, Mont	tgomery	Sampling Date: 202	0-Nov-04		
Applicant/Owner: ConnectGen		State: NY	Sampling Point: W-KC	F-05_UPL-1		
Investigator(s): Kevin Ferguson , Giovanni Pambianchi Section, Township, Range: N/A						
Landform (hillslope, terrace, etc.): Hillslope	Local relief ((concave, convex, none):	Convex	Slope (%): 2 to 5		
Subregion (LRR or MLRA): MLRA 144A of LRR R	Lat:	42.898088 Long:	-74.36724118	Datum: WGS84		
Soil Map Unit Name: Lansing and Mohawk soils, 2	25 to 60 percent slopes		NWI classification	n: None		
Are climatic/hydrologic conditions on the site typical	for this time of year?	Yes 🟒 No (If no	o, explain in Remarks.)			
Are Vegetation, Soil, or Hydrology Are Vegetation, Soil, or Hydrology	significantly disturbed? naturally problematic?	Are "Normal Circums (If needed, explain an	tances" present? y answers in Remarks.	Yes _ 🖌 No)		

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

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No _	If yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures here	e or in a separate report)		
Covertype is UPL. Area is upland, not all three	wetland parameters are	e present. Circumstances are not normal due to agricultu	ral activities.
Circumstances are not normal due to mowing	g of vegetation.		

HYDROLOGY

Wetland Hydrology Indicators:				
Primary Indicators (minimum of on	Secondary Indicators (minimum o	of two required)		
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Surface 	Water-S Aquatic Marl De Hydrog Oxidize Presenc Recent Thin Mu agery (B7)Other (B	Stained Leaves (B9) Fauna (B13) eposits (B15) en Sulfide Odor (C1) d Rhizospheres on Living Roots (C3) ce of Reduced Iron (C4) Iron Reduction in Tilled Soils (C6) uck Surface (C7) Explain in Remarks)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Im Stunted or Stressed Plants (D²) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 	nagery (C9) 1)
Field Observations:				
Surface Water Present?	Yes No 🟒	Depth (inches):		
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present?	Yes No 🟒
Saturation Present?	Yes No 🟒	Depth (inches):		
(includes capillary fringe)				
Describe Recorded Data (stream ga	auge, monitoring well, ae	rrial photos, previous inspections), if	available:	
Remarks:				
The criterion for wetland hydrology	[,] is not met.			

Sampling Point: W-KCF-05_UPL-1

Tree Stratum (Plot size: 30 ft)	Absolute	Dominant	Indicator	Dominance Test works	neet:		
	% Cover	Species?	Status	Number of Dominant S	pecies That	0	(A)
1				Total Number of Domir	ant Species		
2		·		Across All Strata:	une species	1	(B)
3.				Percent of Dominant S	pecies That		(1 (5)
4.		<u> </u>		Are OBL, FACW, or FAC		0	(A/B)
5				 Prevalence Index works 	sheet:		
o				- <u>Total % Cover</u>	<u>of:</u>	<u>Multiply</u>	<u>' By:</u>
7		- Total Cou		– OBL species	0	x 1 =	0
Capling (Church Stratum (Distaire) 15 ft)	0		rer	FACW species	0	x 2 =	0
<u>Sapling/Shrub Stratum</u> (Plot size: <u>15 ft</u>)				FAC species	0	x 3 =	0
1				– FACU species	100	x 4 =	400
2				- UPL species	0	x 5 =	0
3.				– Column Totals	100	(A)	400 (B)
4.				- Prevalence In	idex = B/A =	4	
5				- Hydrophytic Vegetation	Indicators:		
6				- 1- Rapid Test for H	lydrophytic V	egetatio	n
7				2 - Dominance Tes	st is > 50%	-8	
	0	= Total Cov	ver	3 - Prevalence Ind	ex is $\leq 3.0^1$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				4 - Morphological	Adaptations	(Provide	supporting
1. <i>Dactylis glomerata</i>	80	Yes	FACU	– data in Remarks or on a	a separate sh	ieet)	11 0
2. <i>Taraxacum officinale</i>	10	No	FACU	Problematic Hydr	ophytic Vege	tation ¹ (E	xplain)
3. Trifolium repens	5	No	FACU	_ Indicators of hydric so	il and wetlan	d hydrolo	ogy must be
4. Lotus tenuis	5	No	FACU	present, unless disturb	ed or problei	matic	
5				Definitions of Vegetation	on Strata:		
6				Tree – Woody plants 3 i	n. (7.6 cm) or	r more in	diameter at
7				breast height (DBH), re	gardless of h	eight.	
8				Sapling/shrub - Woody	plants less t	han 3 in.	DBH and
9				greater than or equal to	o 3.28 ft (1 m) tall.	
10				Herb – All herbaceous (non-woody)	plants, re	gardless of
11				size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines – All wood	ly vines great	ter than 3	3.28 ft in
	100	= Total Cov	ver	neight.			
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)		-		Hydrophytic Vegetatio	n Present?	/es	No 🟒
1.							
2.				-			
3.				-			
4.				-			
	0	= Total Cov	/er	-			
Remarks: (Include photo numbers here or on a sepa	rate sheet.)						
No positive indication of hydrophytic vegetation was	s observed (≥	:50% of dom	ninant spec	ies indexed as FAC– or dri	er).		

- 16 10YR - 20 10YR		Color (moist)	%	Type ¹	Loc ²	Text	ure Remarks	
- 20 10YR	3/3 100					Silty Clay	y Loam	
	3/2 100					Silty Clay	y Loam	
		<u> </u>						
			·					
			·					
			·					
e: C = Concentrat	ion, D = Deplet	tion, RM = Reduced	Matrix	x, MS = I	Masked Sand (Grains. ² Lo	ocation: PL = Pore Lining, M = Matrix.	
listosol (A1)		Polvvalue Be	ow Su	rface (S	3) (LRR R. MLR	A 149B)		
listic Epipedon (A	.2)	Thin Dark Su	rface (S	59) (LRR	R, MLRA 149B)	2 CM MUCK (A10) (LRR K, L, MLRA 149B)	
Black Histic (A3)		Loamy Mucky	/ Mine	ral (F1) (LRR K, L)		5 cm Mucky Peat or Peat (S3) (I RR K R)	`
lydrogen Sulfide	(A4)	Loamy Gleye	d Matr	ix (F2)			Dark Surface (S7) (I RR K. I.)	,
tratified Layers (/	45)	Depleted Ma	trix (F3	3)			Polyvalue Below Surface (S8) (LRR K, L)	
Depleted Below D	ark Surface (A1	1) Redox Dark S	urface	e (F6)			Thin Dark Surface (S9) (LRR K, L)	
nick Dark Surface	2 (ATZ)	Depleted Dar	K SUIT	ace (F7)			Iron-Manganese Masses (F12) (LRR K, L, R	()
		Redox Depre	ssions	(F8)			Piedmont Floodplain Soils (F19) (MLRA 14	19B)
Candy Bodoy (SE)	IIX (54)						Mesic Spodic (TA6) (MLRA 144A, 145, 149	B)
Sanuy Redux (SS)	6)						Red Parent Material (F21)	
Dark Surface (S7)	(LRR R, MLRA 1	49B)					Very Shallow Dark Surface (TF12) Other (Explain in Remarks)	
cators of hydrop	nytic vegetation	n and wetland hydr	ology	must be	present, unle	ss disturbe	d or problematic.	
rictive Layer (if ol	served):							
Type:		None	-		Hydric Soil Pr	esent?	Yes No _	
Depth (inc	:hes):							
oositive indicatior	of hydric solls	was observed.						

Photo of Sample Plot North



Photo of Sample Plot East



Photo of Sample Plot West

Project/Site: Mill Point	t		City/County:	Fultonville, M	lontgo	omery		Sampling Date:	2020-Nov-04
Applicant/Owner: C	onnectGen					State: NY		Sampling Point: W	-KCF-06_PEM-1
Investigator(s): Kevin Ferguson , Giovanni Pambianchi Section, Township, Range: N/A									
Landform (hillslope, te	rrace, etc.):	Foot slope		Local reli	ief (co	oncave, convex,	, none):	Concave	Slope (%): 1 to 3
Subregion (LRR or MLR	RA): MLRA	A 144A of LRR R		La	at: 42	2.89946522	Long:	-74.36848265	Datum: WGS84
Soil Map Unit Name:	Mohawk silt	loam, 8 to 15 pei	rcent slopes					NWI classifica	tion: None
Are climatic/hydrologic	conditions or	h the site typical f	for this time o	of year?		Yes 🟒 No 🔄	(If no	o, explain in Remark	:s.)
Are Vegetation, Are Vegetation,	Soil, Soil,	or Hydrology or Hydrology	significantl naturally p	ly disturbed? problematic?		Are "Normal ((If needed, ex	Circums plain an	tances" present? ly answers in Remai	Yes 🟒 No ˈks.)

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

Hydrophytic Vegetation Present?	Yes No							
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No					
Wetland Hydrology Present?	Yes No	If yes, optional Wetland Site ID:	W-KCF-06					
Remarks: (Explain alternative procedures he	re or in a separate report)						
Covertype is PEM. Area is wetland, all three wetland parameters are present.								

HYDROLOGY

Wetland Hydrology Indicators:				
Primary Indicators (minimum of or	ne is required; check all that	<u>t apply)</u>		Secondary Indicators (minimum of two required)
 Surface Water (A1) Water-Stained Leaves (B9) High Water Table (A2) Aquatic Fauna (B13) Saturation (A3) Marl Deposits (B15) Water Marks (B1) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Drift Deposits (B3) Presence of Reduced Iron (C4) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Iron Deposits (B5) Thin Muck Surface (C7) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) 		 ✓ Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) ✓ Geomorphic Position (D2) Shallow Aquitard (D3) ✓ Microtopographic Relief (D4) ✓ FAC-Neutral Test (D5) 		
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):	16	
(includes capillary fringe)				
Describe Recorded Data (stream g	auge, monitoring well, aeria	al photos, previous inspecti	ons), if	available:
The criterion for wetland hydrolog	v is met.			
	, 			

Sampling Point: W-KCF-06_PEM-1

<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)	Absolute % Cover	Dominant	Indicator	Dominance Test works	neet:		
1	70 COVCI	Species.	Status	Are OBL, FACW, or FAC:		4	(A)
·		<u> </u>		Total Number of Domir	ant Species		
3		·		Across All Strata:	·	4	(B)
۶		·	<u> </u>	Percent of Dominant S	pecies That	100	(A/R)
				Are OBL, FACW, or FAC:			(70 D)
6		<u> </u>		Prevalence Index works	sheet:		
7				Total % Cover	<u>of:</u>	<u>Multiply</u>	<u>By:</u>
		= Total Cov	or	OBL species	20	x 1 =	20
Sanling/Shruh Stratum (Plot size: 15 ft)	0		CI	FACW species	20	x 2 =	40
1				FAC species	10	x 3 =	30
2				FACU species	0	x 4 =	0
3		·		UPL species	0	x 5 =	0
۶		<u> </u>		Column Totals	50	(A)	90 (B)
4		<u> </u>		Prevalence In	dex = B/A =	1.8	
۶				Hydrophytic Vegetation	Indicators:		
0				1- Rapid Test for H	lydrophytic V	egetation/	
7		- Tatal Cau		2 - Dominance Tes	st is >50%		
Llaub Churchurg (Dich size) 5 ft	0		er	3 - Prevalence Ind	ex is $\leq 3.0^1$		
<u>Herb Stratum</u> (Plot Size: <u>5 It</u>)	10	Vac		4 - Morphological	Adaptations ¹	(Provide	supporting
1. Lythrunn sancana	10			data in Remarks or on a	a separate sh	leet)	
2. Typna angustitolia	10	Yes .	UBL	Problematic Hydr	ophytic Vege	tation ¹ (Ex	plain)
3. Phragmites australis	10	Yes	FACW	¹ Indicators of hydric so	il and wetlan	d hydrolog	gy must be
4. Solidago rugosa	10	Yes .	FAC	present, unless disturb	ed or probler	matic	
5. <i>Phalaris arundinacea</i>		<u>N0</u>	FACW	Definitions of Vegetation	n Strata:		
6. Unociea sensibilis	5	NO	FACW	Tree – Woody plants 3 i	n. (7.6 cm) or	r more in o	diameter at
/				breast height (DBH), re	gardless of h	eight.	DU
8				sapling/snrub - woody	plants less ti	nan 3 in. L V tall	BH and
9		······································		Herb - All herbaceous (non-woody)	nlants reg	ardless of
10				size, and woody plants	less than 3.2	8 ft tall.	
11				Woody vines – All wood	ly vines great	ter than 3.	28 ft in
12				height.	.,		
	50	= lotal Cov	er	Hydronhytic Vegetatio	n Present?	/es / N	lo
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)						ics <u>v</u> iv	
1							
2							
3		·					
4		<u> </u>					
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a separate A positive indication of hydrophytic vegetation was obse	e sheet.) erved (>50)% of domin	ant species i	indexed as OBL, FACW, o	r FAC).		

ches) Color (m	r i x	Dodov	Faat	iree			
cnes) Color (m	- int	Color (moint)	reall	True of	1	Tautuma	Demente
	<u>// %</u>		- <u>%</u>	Туре	<u>LOC</u> ²		Remarks
<u>J-8</u> IUYR 3	<u>/1 95</u>	10R 4/8	5	<u> </u>	<u>M</u>	Slity Clay Loam	
- 20 10YR 4	/1 98	10R 4/8	2	С	<u>M</u>	Silty Clay Loam	
pe: C = Concentratio	n. D = Deplet	ion. RM = Reduced	Matr	ix. MS =	Masked Sand Gra	ains. 2 location: PL = Pc	pre Lining, M = Matrix,
Iric Soil Indicators	, 2 Depict					Indicators for	Problematic Hydric Soils ³
Histosol (A1)		Polyvalue Re	low Si	urface (S	8) (LRR R. MI RA 1	(49B)	
Histic Epipedon (A2)		Thin Dark Su	rface	(S9) (LRF	R. MLRA 149B)	2 cm Mucl	K (ATU) (LKK K, L, MLKA 149B)
Black Histic (A3)		Loamy Muck	y Min	eral (F1)	(LRR K, L)	Coast Prai	
Hydrogen Sulfide (A	4)	Loamy Gleye	d Mat	rix (F2)		5 cm Muci	KY Peat of Peat (53) (LRR K, L, R)
Stratified Layers (A5		Depleted Ma	trix (F	3)		Dark Suria	Relow Surface (SS) (LRR K, L)
Depleted Below Dar	k Surface (A1	1) 🗹 Redox Dark S	Surfac	e (F6)			Surface (SO) (LRR K, L)
Thick Dark Surface (A12)	Depleted Da	rk Sur	face (F7)		Initi Dark	
Sandy Mucky Minera	al (S1)	Redox Depre	ession	s (F8)		II UII-IVIAI Ig	Eloodolain Soils (E10) (MI DA 140B)
Sandy Gleyed Matrix	(S4)					Fleathont	dic (TAG) (MI DA 144A 14E 140D)
Sandy Redox (S5)						Mesic Spo	at Material (E21)
Stripped Matrix (S6)						Keu Falei Vory Shall	ow Dark Surface (TE12)
Dark Surface (S7) (Ll	R R, MLRA 14	49B)				Very Shan	alain in Remarks)
line to an a film along the							-
licators of hydrophy	tic vegetation	i and wetland hyd	rology	must b	e present, uniess	disturbed or problemat	IC.
trictive Layer (if obse	ervea):						
Type:		None	-		Hydric Soil Pres	ent?	Yes 🟒 No
Depth (inch	es):						
ositive indication of	nydric soil wa	is observed.					

Photo of Sample Plot North



Photo of Sample Plot East



Photo of Sample Plot South



Photo of Sample Plot West

Project/Site: Mill Point	nery	Sampling Date: 2020-Nov-04			
Applicant/Owner: ConnectGen		State: NY	Sampling Point: W-KCF-06_UPL-1		
Investigator(s): Kevin Ferguson , Giovanni Pambia	Ά				
Landform (hillslope, terrace, etc.): Hillslope	Local relief (con	ncave, convex, none):	Convex	Slope (%): 2 to 5	
Subregion (LRR or MLRA): MLRA 144A of LRR R	Lat: 42.8	89958604 Long:	-74.36856604	Datum: WGS84	
Soil Map Unit Name: Mohawk silt loam, 8 to 15 pe	ercent slopes		NWI classification	n: None	
Are climatic/hydrologic conditions on the site typical	for this time of year? Ye	es 🟒 No (If no	, explain in Remarks.)		
Are Vegetation, Soil, or Hydrology Are Vegetation, Soil, or Hydrology	significantly disturbed? / naturally problematic? (Are "Normal Circumst (If needed, explain an	ances" present?	res _ 🖌 No	

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

Hydrophytic Vegetation Present?	Yes No _								
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland? Yes No							
Wetland Hydrology Present?	Yes No 🟒	If yes, optional Wetland Site ID:							
Remarks: (Explain alternative procedures here or in a separate report)									
Covertype is UPL. Area is upland, not all three wetland parameters are present. Circumstances are not normal due to agricultural activities.									

HYDROLOGY

Wetland Hydrology Indicators:					
Primary Indicators (minimum of on	e is required; check all t	hat apply)	Secondary Indicators (minimum of two required)		
Surface Water (A1) Water-Stained Leave High Water Table (A2) Aquatic Fauna (B13) Saturation (A3) Marl Deposits (B15) Water Marks (B1) Hydrogen Sulfide Od Sediment Deposits (B2) Oxidized Rhizospher Drift Deposits (B3) Presence of Reduced Algal Mat or Crust (B4) Recent Iron Reductio Iron Deposits (B5) Thin Muck Surface (C Inundation Visible on Aerial Imagery (B7) Other (Explain in Rer Sparsely Vegetated Concave Surface (B8) State (C)		Stained Leaves (B9) c Fauna (B13) eposits (B15) gen Sulfide Odor (C1) ed Rhizospheres on Living Roots (C3) ce of Reduced Iron (C4) Iron Reduction in Tilled Soils (C6) uck Surface (C7) Explain in Remarks)	 		
Field Observations:					
Surface Water Present?	Yes No 🟒	Depth (inches):	_		
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present? Yes No		
Saturation Present?	Yes No 🟒	Depth (inches):			
(includes capillary fringe)					
Describe Recorded Data (stream ga	iuge, monitoring well, a	erial photos, previous inspections), if	available:		
Remarks:					
The criterion for wetland hydrology	' is not met.				

Sampling Point: W-KCF-06_UPL-1

Trop Stratum (Plot cize: 20 ft)	Absolute	Dominant	Indicator	Dominance Test worksh	neet:		
	% Cover	Species?	Status	Number of Dominant S	pecies That	0	(A)
1				Are OBL, FACW, or FAC:			
2				Total Number of Domin	ant Species	1	(B)
3				- Porcont of Dominant Sr	ocios That		
4				- Are OBL, FACW, or FAC:		0	(A/B)
5				Prevalence Index works	sheet:		
6				- Total % Cover	of:	Multiply	Bv:
7				- OBL species	0	x1=	0
	0	= Total Cov	/er	FACW species	0	x 2 =	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	0	x 3 =	0
1				– FACU species	90	x 4 =	360
2				UPL species	0	x 5 =	0
3				- Column Totals	90	(Δ) ·	360 (B)
4				Prevalence In	dex = B/A =	(~) 	500 (b)
5						<u> </u>	
6				Hydrophytic Vegetation	indicators:		_
7				1- Rapid Test for H	iyaropnytic v	egetation	ו
	0	= Total Cov	/er	2 - Dominance les	St IS > 50%		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)		_		3 - Prevalence inde	$ex \ IS \le 3.0^{\circ}$	1 (Duran dala	
1. Lathyrus pratensis	80	Yes	FACU	4 - Morphological	Adaptations	' (Provide	supporting
2. Trifolium repens	10	No	FACU	Problematic Hydro	a separate si ophytic Vogo	tation1 (E	(niclay
3.				- Indicators of bydric soi	l and wotlan		xpiairi)
4.				present unless disturbe	ed or proble	u nyuroic matic	igy must be
5.				Definitions of Vegetatio	n Strata:		
6.				Tree - Woody plants 3 in	n (7.6 cm) o	r more in	diameter at
7.				breast height (DBH), reg	zardless of h	eight.	diameter at
8.				Sapling/shrub - Woody	plants less t	han 3 in.	DBH and
9.				greater than or equal to	o 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous (non-woody)	plants, re	gardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12				Woody vines – All wood	ly vines grea	ter than 3	3.28 ft in
	90	= Total Cov	/er	height.			
Woody Vine Stratum (Plot size: 30 ft)				Hydrophytic Vegetation	n Present?	res I	No 🔽
1.							
2		·		-			
3				-			
۵ ۸				-			
· · · · · · · · · · · · · · · · · · ·		= Total Cov	/er	-			
Remarks: (Include photo numbers here or on a sepa	rate sheet.)						
No positive indication of hydrophytic vegetation was	observed (≥	:50% of don	ninant speci	ies indexed as FAC– or drie	er).		

Sampling Point: W-KCF-06_UPL-1

nches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks
0 - 20	10YR 3/3			_		Silt	/ Clay Loam		
·									
·									
				_					
e: C = C	oncentration, D = D	epleti	on, RM = Reduced	l Mat	rix, MS =	Masked Sand Grains.	² Location: PL = Pore	Lining, M = Ma	itrix.
Histosol Histic Ep Black His Hydroge Stratifiec Depletec Thick Da Sandy M Sandy G Sandy Ro Stripped Dark Sur	(A1) ipedon (A2) n Sulfide (A4) l Layers (A5) l Below Dark Surfac rk Surface (A12) ucky Mineral (S1) eyed Matrix (S4) edox (S5) Matrix (S6) face (S7) (LRR R, ML	e (A1 ⁻ RA 1 4	Polyvalue Be Thin Dark Su Loamy Muck Loamy Gleye Depleted Ma I) Redox Dark S Depleted Da Redox Depre	low S rface y Min d Ma trix (Gurfa surfa sssio	Surface (S e (S9) (LRR heral (F1) atrix (F2) F3) ce (F6) rface (F7) ns (F8)	8) (LRR R, MLRA 149E : R, MLRA 149B) (LRR K, L)) 2 cm Muck (Coast Prairie 5 cm Mucky Dark Surface Polyvalue Be Thin Dark Su Thin Dark Su Iron-Mangau Piedmont Fl Mesic Spodi Red Parent I Very Shallow Other (Expla	A10) (LRR K, L, I e Redox (A16) (L Peat or Peat (S e (S7) (LRR K, L) elow Surface (Sa urface (S9) (LRR nese Masses (F oodplain Soils (c (TA6) (MLRA 1 Material (F21) v Dark Surface (in in Remarks)	MLRA 149B) .RR K, L, R) 3) (LRR K, L, R) 8) (LRR K, L) K, L) 12) (LRR K, L, R) F19) (MLRA 149B) 44A, 145, 149B)
		ation	and wetland hyd	rolog	y must be	e present, unless dist	urbed or problematic.		
licators o	of hydrophytic veget					Lhudric Coil Drocont			
trictive L	if hydrophytic veget ayer (if observed): Type: Depth (inches):		None					Yes No _	<u>✓</u>



Photo of Sample Plot South



Photo of Sample Plot West



Northcentral and Northeast Region -- Version 2.0 Adapted by TRC

Project/Site: Mill Point City/Co			City/County:	y/County: Fultonville, Montgomery				Sampling Date: 2020-Nov-04		
Applicant/Owner: C	onnectGen				St	ate: NY		Sampling Point: W	/-KCF-07_PEM-1	
Investigator(s): Kevin Ferguson , Giovanni Pambianchi Section, Township, Range: N/A										
Landform (hillslope, te	rrace, etc.):	Depression		Local re	lief (conc	ave, convex,	, none):	Concave	Slope (%):	1 to 3
Subregion (LRR or MLF	RA): MLR	A 144A of LRR R		L	.at: 42.90	190153	Long:	-74.36765667	Datum: WG	S84
Soil Map Unit Name:	Darien silt lo	oam, 3 to 8 perce	nt slopes					NWI classifica	tion: None	
Are climatic/hydrologie	c conditions o	n the site typical	for this time	of year?	Yes	No	(If no	o, explain in Remarl	<s.)< td=""><td></td></s.)<>	
Are Vegetation, Are Vegetation,	Soil , Soil,	or Hydrology or Hydrology	significant naturally	tly disturbed? problematic?	Ar Ar	e "Normal (needed, ex	Circums plain an	tances" present? y answers in Rema	Yes 🟒 No rks.)	

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

Hydrophytic Vegetation Present?	Yes No									
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No							
Wetland Hydrology Present?	Yes 🟒 No	lf yes, optional Wetland Site ID:	W-KCF-07							
Remarks: (Explain alternative procedures he	Remarks: (Explain alternative procedures here or in a separate report)									
Covertype is PEM. Area is wetland, all three wetland parameters are present. Circumstances are not normal due to agricultural activities.										

HYDROLOGY

Wetland Hydrology Indicators:						
Primary Indicators (minimum of or	ne is required; check all t	<u>hat apply)</u>		Secondary Indicators (minimum of two required)		
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Im. Sparsely Vegetated Concave Survival 	Water Aquatio Marl D Hydrog Oxidize Presen Recent Thin M agery (B7) Other (urface (B8)	Stained Leaves (B9) c Fauna (B13) eposits (B15) gen Sulfide Odor (C1) ed Rhizospheres on Living R ce of Reduced Iron (C4) Iron Reduction in Tilled Soi uck Surface (C7) Explain in Remarks)	oots (C3) ls (C6)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations:		Daugh (in the e)				
Surface water Present?	Yes No	Depth (Inches):	0	_		
Water Table Present?	Yes 🟒 No	Depth (inches): O		Wetland Hydrology Present? Yes _ No		
Saturation Present?	Yes 🟒 No	Depth (inches):	0	_		
(includes capillary fringe)						
Describe Recorded Data (stream g Remarks: The criterion for wetland hydrolog	auge, monitoring well, a	erial photos, previous inspe	ctions), if	available:		

L

Sampling Point: W-KCF-07_PEM-1

	Absolute	Dominant	Indicator	Dominance Test works	heet:		
<u>Iree stratum</u> (Plot size: <u>30 ft</u>)	% Cover	Species?	Status	Number of Dominant S	Species That	1	(A)
1				Are OBL, FACW, or FAC	:		
2				Total Number of Domi	nant Species	1	(B)
3				Across All Strata:			
4				Are OBL FACW or FAC	pecies i nat	100	(A/B)
5				Prevalence Index work	sheet:		
6				Total % Cover	of	Multiply	Bv:
7				OBL species	0	x 1 =	 0
	0	= Total Cov	er	FACW species	0	x 2 =	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	95	x 3 =	285
1				FACU species	0	x 4 =	0
2					0	x 5 =	0
3				Column Totals	95	(A)	285 (B)
4				Prevalence li	dex = R/A =	(۲۰) ۲	203 (D)
5							
6				Hydropnytic Vegetation	n indicators:		
7				1- Rapid Test for I		egetation	1
	0	= Total Cov	er	Z - Dominance le	SUS > 50%		
Herb Stratum (Plot size: <u>5 ft</u>)		_		3 - Prevalence inc	$1 \text{ex} \text{ is } \leq 3.0^{\circ}$	(Duessiele	
1. Setaria parviflora	90	Yes	FAC	4 - Morphological	a soparato sh	(Provide	supporting
2. Festuca paradoxa	5	No	FAC	Problematic Hydr	onhytic Vege	tation ¹ (E)	(nlain)
3.				Indicators of hydric sc	il and wetlan	d hydrolo	ov must he
4.				present, unless disturb	ed or proble	natic	gy must be
5.				Definitions of Vegetation	on Strata:		
6.				Tree – Woody plants 3	in. (7.6 cm) or	more in	diameter at
7.				breast height (DBH), re	gardless of h	eight.	
8.		·		Sapling/shrub - Woody	/ plants less t	han 3 in. I	DBH and
9.		· ·		greater than or equal t	o 3.28 ft (1 m) tall.	
10.		·		Herb – All herbaceous	(non-woody)	plants, re	gardless of
11.		·		size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines – All woo	dy vines great	er than 3	.28 ft in
	95	= Total Cov	er	height.			
Woody Vine Stratum (Plot size: 30 ft)		_		Hydrophytic Vegetatic	on Present?	/es 🟒 🛚 🖌	No 0
1.							
2.		· ·					
3.		· ·					
4.		· ·					
	0	= Total Cov	er				
	choct \			<u>_</u>			
kemarks: (include photo numbers nere or on a separate	sneet.)	104 of dom:-	antenacies	indexed as OBL FACING	or EAC)		
A positive indication of hydrophytic vegetation was obse	i veu (>50		ant species	inuexeu as UBL, FACW, (JI FACJ.		

	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
· 3 10YR 3/2	100					Clay	
10 10YR 4/1	95	10YR 5/6	5	С	М	Clay	
· 20 10YR 5/1	80	10YR 5/6	20	C	M	Clay	
· ·							
	·		_				
			—				
			_				
	·		_				
	- Doplatic	P DM - Doducov		iv MC -	Maskad	and Grains	2 ocation: DL - Daro Lining M - Matrix
ic Soil Indicators:	- Depietic	n, rivi – reduced	l Wat	1X, 1VIS -	ividskeu s		Indicators for Problematic Hydric Soils ³ :
istosol (A1)		Polyvalue Be	low S	urface (S	8) (LRR R.	MLRA 149B)	2 cm Muck (A10) (I BB K L MI BA 140B)
istic Epipedon (A2)		Thin Dark Su	irface	(S9) (I RR	R. MI RA	149B)	2 cm Muck (ATU) (LRR K, L, MLRA 149B)
lack Histic (A3)		Loamy Muck	v Min	eral (F1)	(IRR K. I.)		Coast Prairie Redox (AT6) (LRR K, L, R)
vdrogen Sulfide (A4)		Loamy Gleve	d Ma	trix (F2)			5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
tratified Layers (A5)		✓ Depleted Ma	triv (I	3)			Dark Surface (S7) (LRR K, L)
inatified Edgers (AS)	faco (A11	_• Depleted Ma	Surfa	5) (E6)			Polyvalue Below Surface (S8) (LRR K, L)
epieleu Beiuw Dark Sui	Iace (ATT	Redux Dark		.e (ro)			Thin Dark Surface (S9) (LRR K, L)
nick Dark Surface (ATZ)			rk Sui	Tace (F7)			Iron-Manganese Masses (F12) (LRR K, L, R)
andy Mucky Mineral (Si)	Redox Depre	essior	is (F8)			Piedmont Floodplain Soils (F19) (MLRA 149B
andy Gleyed Matrix (S4)							Mesic Spodic (TA6) (MI PA 144A 145 149B)
andy Redox (S5)							Niesic Spould (1A0) (Nieka 144A, 143, 143b)
tripped Matrix (S6)							Red Parent Material (F21)
ark Surface (S7) (LRR R,	MLRA 149	9B)					Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
cators of hydrophytic ve	getation	and wetland hyd	rolog	/ must be	e present,	unless disturb	ped or problematic.
ictive Layer (if observed	i):						
Туре:		None			Hydric S	oil Present?	Yes 🟒 No
Depth (inches):							
sitive indication of hydr							

Photo of Sample Plot North



Photo of Sample Plot East



Photo of Sample Plot South



Photo of Sample Plot West



Project/Site: Mill Point	City/County: Fultonville, Mor	itgomery	Sampling Date: 202	20-Nov-04
Applicant/Owner: ConnectGen		State: NY	Sampling Point: W-K	CF-07_UPL-1
Investigator(s): Kevin Ferguson , Giovanni Pambia	anchi Sec	tion, Township, Range:	N/A	
Landform (hillslope, terrace, etc.): Hilltop	Local relief	(concave, convex, none)	: Convex	Slope (%): 1 to 3
Subregion (LRR or MLRA): MLRA 144A of LRR F	≀ Lat:	42.90212705 Long	: -74.36778797	Datum: WGS84
Soil Map Unit Name: Darien silt loam, 3 to 8 percent	ent slopes		NWI classificatio	n: None
Are climatic/hydrologic conditions on the site typica	l for this time of year?	Yes 🟒 No (If r	no, explain in Remarks.)	
Are Vegetation _∠,Soil _∠,or Hydrology _Are Vegetation,Soil,or Hydrology _	significantly disturbed? naturally problematic?	Are "Normal Circum (If needed, explain a	stances" present? ny answers in Remarks	Yes 🟒 No .)

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

Hydrophytic Vegetation Present?	Yes No 🟒	
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland? Yes No
Wetland Hydrology Present?	Yes No 🟒	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures he	re or in a separate report)
Covertype is UPL. Area is upland, not all thre	e wetland parameters ar	e present. Circumstances are not normal due to agricultural activities.

HYDROLOGY

Wetland Hydrology Indicators:				
Primary Indicators (minimum of on	e is required; check all th	nat apply)	Secondary Indicators (minimum o	of two required)
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Surface 	Water-S Aquatic Marl De Hydroge Oxidized Presenc Recent I Thin Mu agery (B7) Other (E	tained Leaves (B9) Fauna (B13) posits (B15) en Sulfide Odor (C1) d Rhizospheres on Living Roots (C3) te of Reduced Iron (C4) Iron Reduction in Tilled Soils (C6) ick Surface (C7) Explain in Remarks)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Im Stunted or Stressed Plants (D²) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 	nagery (C9) 1)
Field Observations:				
Surface Water Present?	Yes No 🟒	Depth (inches):	_	
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present?	Yes No 🟒
Saturation Present?	Yes No 🟒	Depth (inches):		
(includes capillary fringe)				
Describe Recorded Data (stream ga	iuge, monitoring well, ae	rial photos, previous inspections), if	available:	
The criterion for wetland hydrology	/ is not met.			

Sampling Point: W-KCF-07_UPL-1

Tree Stratum (Dict cize) 20 ft	Absolute	Dominant	Indicator	Dominance Test workshee	et:		
<u>nee stratum</u> (Plot size. <u></u>)	% Cover	Species?	Status	Number of Dominant Spe	cies That	0	(A)
1				Are OBL, FACW, or FAC:			
2				Total Number of Dominan	t Species	1	(B)
3				Across All Strata:			
4.				Percent of Dominant Spec	ies That	0	(A/B)
5				Are OBL, FACW, OF FAC.	ati		
6				Total & Cover of:	el.	Multiply	D.c
7				OBL species	0	v 1 =	<u>by.</u> 0
	0	= Total Cov	er	EACW species	0	× 7 -	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)		-		EAC species	0	×2- ×2-	0
1.					100	× 4 =	100
2.					100	х4- 	400
3.					0	x 5 =	U (D)
4.					100	(A)	400 (B)
5.				Prevalence inde	X = B/A =	4	
6.				Hydrophytic Vegetation In	dicators:		
7.				1- Rapid Test for Hyd	rophytic V	'egetatior	I
	0	= Total Cov	er	2 - Dominance Test is	s > 50%		
Herb Stratum (Plot size: 5 ft)		-		3 - Prevalence Index	is ≤ 3.0 ¹		
1. Lathyrus pratensis	90	Yes	FACU	4 - Morphological Ad	aptations	(Provide	supporting
2. Dactylis glomerata	10	No	FACU	data in Remarks or on a se	eparate sn	leet)	(m m im)
3.				Problematic Hydropi	iyuc vege	lation' (E)	kplain)
4.				indicators of hydric soil a	or probler	a nyarolo matic	gy must be
5.				Definitions of Vegetation	trata:	natic	
6.				Tree Woody plants 3 in /	7.6 cm or	moro in	diamotor at
7		<u> </u>		hreast height (DBH) regar	dless of h	eight	ulameter at
8				Sapling/shrub – Woody pla	ants less th	han 3 in. I	DBH and
9				greater than or equal to 3.	.28 ft (1 m) tall.	
10				Herb – All herbaceous (no	n-woody)	plants, re	gardless of
11				size, and woody plants les	s than 3.2	8 ft tall.	-
12				Woody vines – All woody v	vines great	er than 3	.28 ft in
12	100	= Total Cov	or	height.			
Woody Vine Stratum (Plot size: 30 ft)	100	- 10tal COV		Hydrophytic Vegetation P	resent? Y	/es N	No 🔽
1							
2							
2							
*	0	- Total Cov	or				
	0	- 10tal Cov					
Remarks: (Include photo numbers here or on a separate	sheet.)						
No positive indication of hydrophytic vegetation was obs	served (≥	50% of dom	inant specie	es indexed as FAC– or drier).			

ches) Color (mois	<u>. </u>	Redox	Feat	ures				
	.) %	Color (moist)	%	Type ¹	Loc ²	Tex	ture	Remarks
- 14 10YR 3/3	100		_			Silty Cla	ay Loam	
- 20 10YR 4/2	100					Silty Cla	ay Loam	
			_					
			_		<u> </u>			
			_		<u> </u>			
			—	<u> </u>	<u> </u>			
			—	<u> </u>				
			—					
			—		<u> </u>			
			—					
			—					
		n DM - Deduced				Cusing 21		ing M - Matuix
e: C = Concentration, I	J = Depletio	n, RIVI = Reduced	Matr	TX, IVIS = I	wasked Sand	Grains. ² L	ocation: PL = Pore Lir	ning, M = Matrix.
Histosol (A1)		Dobacaluo Pol	0.W. 5	urfaco (S		A 140D)	indicators for Prob	iematic Hydric Solis ³ :
Histic Eninedon (A2)		Polyvalue Ben Thin Dark Sur	face	(S9) (I RR		(A 1496) R)	2 cm Muck (A10)) (LRR K, L, MLRA 149B)
Black Histic (A3)		Loamy Mucky	/ Min	eral (F1) ((LRR K, L)	-,	Coast Prairie Re	edox (A16) (LRR K, L, R)
-lydrogen Sulfide (A4)		Loamy Gleyed	d Mat	trix (F2)			5 cm Mucky Pe	at or Peat (S3) (LKK K, L, K)
Stratified Layers (A5)		Depleted Mat	rix (F	3)				V) (LKK N, L)
Depleted Below Dark S	urface (A11)	Redox Dark S	urfac	:e (F6)			Thin Dark Surfa	ace (S9) (I RR K)
hick Dark Surface (A1	2)	Depleted Dar	k Sur	face (F7)			Iron-Manganes	e Masses (F12) (LRR K. L. R)
andy Mucky Mineral (51)	Redox Depres	ssion	s (F8)			Piedmont Flood	dplain Soils (F19) (MLRA 149B
Sandy Gleyed Matrix (S	4)						 Mesic Spodic (T	A6) (MLRA 144A, 145, 149B)
Sandy Redox (S5)							Red Parent Mat	terial (F21)
Stripped Matrix (S6)							Very Shallow Da	ark Surface (TF12)
Dark Surface (S7) (LRR	R, MLRA 149	9B)					Other (Explain i	in Remarks)
icators of hydrophytic	vegetation a	and wetland hydr	ology	/ must be	e present, unl	ess disturbe	ed or problematic.	
rictive Layer (if observ	ed):							
Type:		None			Hydric Soil F	resent?	Ye	es No 🟒
Depth (inches)	:				-			
positive indication of h	ydric soils w	as observed.						





Photo of Sample Plot East Photo of Sample Plot South



Photo of Sample Plot West



Project/Site: Mill Point	City/County: Fultonville, Mon	itgomery	Sampling Date: 202	20-Nov-04
Applicant/Owner: ConnectGen		State: NY	Sampling Point: W-KC	CF-08_PEM-1
Investigator(s): Kevin Ferguson , Giovanni Pambia	inchi Sec	tion, Township, Range:	N/A	
Landform (hillslope, terrace, etc.): Depression	Local relief	(concave, convex, none)	: Concave	Slope (%): 1 to 3
Subregion (LRR or MLRA): MLRA 144A of LRR R	Lat:	42.90100367 Long	: -74.36829894	Datum: WGS84
Soil Map Unit Name: Churchville silty clay loam, 3	to 8 percent slopes		NWI classification	n: None
Are climatic/hydrologic conditions on the site typica	l for this time of year?	Yes 🟒 No (If r	no, explain in Remarks.)	
Are Vegetation _∠,Soil _∠,or Hydrology _Are Vegetation,Soil,or Hydrology _	significantly disturbed? naturally problematic?	Are "Normal Circum (If needed, explain a	stances" present? ny answers in Remarks.	Yes _ 🖌 No .)

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

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No
Wetland Hydrology Present?	Yes 🟒 No	lf yes, optional Wetland Site ID:	W-KCF-08
Remarks: (Explain alternative procedures he	ere or in a separate report)	· · ·
Covertype is PEM. Area is wetland, all three	wetland parameters are p	resent. Circumstances are not normal due to agri	cultural activities.

HYDROLOGY

Wetland Hydrology Indicators:				
Primary Indicators (minimum of or	<u>ne is required; check all th</u>	<u>at apply)</u>		Secondary Indicators (minimum of two required)
 ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Image 	Water-St Aquatic I Marl Dep Hydroge Oxidized Presence Recent II Thin Mut agery (B7)Other (E Inface (B8)	tained Leaves (B9) Fauna (B13) posits (B15) en Sulfide Odor (C1) d Rhizospheres on Living R e of Reduced Iron (C4) ron Reduction in Tilled Soi ck Surface (C7) xplain in Remarks)	oots (C3) ls (C6)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	Yes _ No Yes _ No Yes _ No	Depth (inches): Depth (inches): Depth (inches):	2 0 0	
Remarks: The criterion for wetland hydrolog	y is met.			

Sampling Point: W-KCF-08_PEM-1

<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work	k sheet: t Species That	1	(A)
2.		·		Total Number of Don	ninant Species	1	(B)
3				Percent of Dominant	Species That	100	(A/B)
5				Prevalence Index wo	rksheet:		
6				- Total % Cov	er of:	Multiply	Bv:
7		·		- OBL species	0	x 1 =	0
	0	= Total Cov	er	FACW species	0	x 2 =	0
<u>Sapling/Shrub Stratum</u> (Plot size: <u>15 ft</u>)				FAC species	80	x 3 =	240
1				- FACU species	10	x 4 =	40
2.				- UPL species	0	x 5 =	0
3				- Column Totals	90	(A)	280 (B)
4				Brovalanco	$\frac{30}{100}$	(^) 3 1	200 (D)
5				Frevalence			<u> </u>
6.				Hydrophytic Vegetati	on Indicators:		
7.				1- Rapid Test fo	r Hydrophytic V	egetatior	٦
	0	= Total Cov	er	2 - Dominance	lest is >50%		
Herb Stratum (Plot size: 5 ft)		-		3 - Prevalence li	ndex is $\leq 3.0^{\circ}$		
1. Setaria parviflora	80	Yes	FAC	4 - Morphologic	al Adaptations	(Provide	supporting
2. Taraxacum officinale	5	No	FACU	- data in Remarks or o	n a separate sn	leet)	
3. Trifolium repens	5	No	FACU	- Problematic Hy	tation' (E	xpiain)	
4				- Indicators of hydric	soll and wetland	a nyarolo matic	gy must be
5		·		Definitions of Vegeta		Halle	
6	·						
7		·		broast beight (DBH)	s III. (7.6 CIII) Of	nore in	ulameter at
o		•		- Sanling/shrub - Woo	dy plants less th	han 3 in 1	DBH and
o				greater than or equa	l to 3.28 ft (1 m) tall.	DDITAIL
10				Herb – All herbaceou	is (non-woody)	plants, re	gardless of
10	·	·		size, and woody plan	ts less than 3.2	8 ft tall.	Bai alcos ol
12.				Woody vines – All wo	ody vines great	er than 3	8.28 ft in
	90	= Total Cov	er	height.			
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)		-		Hydrophytic Vegetat	tion Present?	′es 🟒 N	No
1				_			
2				_			
3							
4				_			
	0	= Total Cov	er	_			
Pemarke: (Include photo numbers here or on a se	narate sheet)	-					
A positive indication of hydrophytic versities we	parate sneet.))04 of dorsin	ant chocies	indoved as OBL FACIN			
A positive malcation of hydrophytic vegetation wa	is observed (>50	J% OT GOMIN	ant species	indexed as OBL, FACW	, or FAC).		

(inches)			Redo	x Feat	ures			
0.8	Color (moist)	%	Color (moist)	%	Type ¹	Loc ² Tex	ture	Remarks
0-0	10YR 4/1	90	10YR 5/6	10	C	M C	ay	
8 - 18	10YR 4/1	80	10YR 5/6	20	С	M C	ay	
18 - 20	10B 5/1	80	10YR 5/6	20	С	M C	ay	
							<u>, </u>	
	-							
·								
						·		
Fype: C = C	oncentration D =	 Denlet	ion RM = Reduce	d Mat	rix MS =	Masked Sand Grai	ns ² l ocation	PI = Pore Lining M = Matrix
vdric Soil I	ndicators:	2 cpiet		a mat			Indic	ators for Problematic Hydric Soils ³
Histosol	(A1)		Polwalue R	elow	Surface (S	8) (I RR R. MI RA 14	9B) ~	
Histic En	ipedon (A2)		Thin Dark S	urface	(S9) (LRF	R, MLRA 149B)	2	CITI MUCK (ATU) (LKK K, L, MLKA 149B)
Black His	stic (A3)		Loamy Muc	ky Mir	neral (F1)	(LRR K, L)	C	(A + B) = (A + B) (A + B) (A + B) (A + B)
Hydroge	n Sulfide (A4)		Loamy Gley	ed Ma	trix (F2)		م د د	ark Surface (S7) (LPD K 1)
Stratified	d Layers (A5)		_ <u>√</u> Depleted M	atrix (F3)		D	olyvalue Below Surface (S8) (I RR K 1)
Depleted	d Below Dark Surfa	ace (A1	1) Redox Dark	Surfa	ce (F6)		' т	hin Dark Surface (S9) (I RR K 1)
Thick Da	irk Surface (A12)		Depleted Da	ark Su	rface (F7)		' !r	on-Manganese Masses (F12) (LRR K. L. R)
Sandy M	lucky Mineral (S1)		Redox Depr	essior	าร (F8)		 P	iedmont Floodplain Soils (F19) (MLRA 149B)
Sandy G	leyed Matrix (S4)						N	lesic Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy Re	edox (S5)						R	ed Parent Material (F21)
Stripped	l Matrix (S6)						V	ery Shallow Dark Surface (TF12)
Dark Sur	rface (S7) (LRR R, N	ILRA 14	49B)				0	ther (Explain in Remarks)
	of hydrophytic yeg	etatior	and wetland hy	drolog	y must b	e present, unless d	sturbed or pi	oblematic.
Indicators o			,		,		I	
Indicators of Restrictive L	aver (if observed):							
Indicators o Restrictive L	ayer (if observed): Type:		None			Hydric Soil Preser	it?	Yes 🗸 No
Indicators of Restrictive L	.ayer (if observed): Type: Depth (inches):		None	-		Hydric Soil Preser	ıt?	Yes 🟒 No
emarks:	ayer (if observed): Type: Depth (inches):	soil wa	None			Hydric Soil Preser	it?	Yes _ 🖌 No
Restrictive L Remarks: A positive in	ayer (if observed): Type: Depth (inches):	soil wa	None			Hydric Soil Preser	ıt?	Yes No
Indicators (Restrictive L Remarks: A positive in	ayer (if observed): Type: Depth (inches):	soil wa	None	-		Hydric Soil Preser	ıt?	Yes No
Indicators (Restrictive L Remarks: A positive in	ayer (if observed): Type: Depth (inches): dication of hydric	soil wa	None			Hydric Soil Preser	it?	Yes _ <u>/</u> No
Restrictive L Remarks: A positive in	aver (if observed): Type: Depth (inches): adication of hydric	soil wa	None	-		Hydric Soil Preser	ıt?	Yes No
Indicators (Restrictive L Remarks: A positive in	aver (if observed): Type: Depth (inches): adication of hydric	soil wa	None	-		Hydric Soil Preser	ıt?	Yes _ <u>/</u> No


Photo of Sample Plot East



Photo of Sample Plot West



Project/Site: Mill Point	City/County: Fultonville, Montgomery	Sampling Date: 2020-Nov-04
Applicant/Owner: ConnectGen	State: NY	Sampling Point: W-KCF-08_UPL-1
Investigator(s): Kevin Ferguson , Giovanni Pambia	nchi Section, Township, Ra	inge: N/A
Landform (hillslope, terrace, etc.): Hillslope	Local relief (concave, convex	, none): Convex Slope (%): 2 to 5
Subregion (LRR or MLRA): MLRA 144A of LRR R	Lat: 42.90101182	Long: -74.36849807 Datum: WGS84
Soil Map Unit Name: Churchville silty clay loam, 3	to 8 percent slopes	NWI classification: None
Are climatic/hydrologic conditions on the site typical	for this time of year? Yes 🖌 No _	(lf no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology Are Vegetation, Soil, or Hydrology	significantly disturbed? Are "Normal naturally problematic? (If needed, ex	Circumstances" present? Yes _✔ No plain any answers in Remarks.)

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

Hydrophytic Vegetation Present?	Yes No _	
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland? Yes No
Wetland Hydrology Present?	Yes No 🟒	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures he	ere or in a separate report)
Covertype is UPL. Area is upland, not all three	ee wetland parameters ar	e present. Circumstances are not normal due to agricultural activities.

condary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
_stunted or Stressed Plants (D1) _Geomorphic Position (D2) _Shallow Aquitard (D3) _Microtopographic Relief (D4) FAC-Neutral Test (D5)
etland Hydrology Present? Yes No
lable:

Sampling Point: W-KCF-08_UPL-1

Tree Stratum (Plot size: 30 ft.)	Absolute	Dominant	Indicator	Dominance Test workshee	et:		
	% Cover	Species?	Status	Number of Dominant Spe	ecies That	0	(A)
1				Are OBL, FACW, or FAC:			
2				Across All Strata:	nt species	1	(B)
3				 Percent of Dominant Spec 	cies That		
4.				Are OBL, FACW, or FAC:		0	(A/B)
5.				Prevalence Index workshe	eet:		
6.				- <u>Total % Cover of</u> :	:	<u>Multiply</u>	<u>By:</u>
7				- OBL species	0	x 1 =	0
	0	= lotal Cov	ver	FACW species	0	x 2 =	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	0	x 3 =	0
1				FACU species	85	x 4 =	340
2				UPL species	0	x 5 =	0
3				Column Totals	85	(A)	340 (B)
4.				Prevalence Inde	ex = B/A =	4	
5.				Hydrophytic Vegetation Ir	ndicators:		
6.				1- Rapid Test for Hyd	drophytic V	egetatior	ı
7				2 - Dominance Test i	is > 50%	0	
	0	= Total Cov	ver	3 - Prevalence Index	is $\leq 3.0^1$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				4 - Morphological Ac	daptations ¹	(Provide	supporting
1. Lathyrus pratensis		Yes	FACU	data in Remarks or on a s	eparate sh	ieet)	
2. <u>Trifolium repens</u>	5	No	FACU	Problematic Hydrop	hytic Vege	tation ¹ (E	xplain)
3				¹ Indicators of hydric soil a	and wetlan	d hydrolo	gy must be
4				present, unless disturbed	or probler	matic	
5				Definitions of Vegetation	Strata:		
6				Tree – Woody plants 3 in.	(7.6 cm) or	r more in	diameter at
7				breast height (DBH), rega	rdless of h	eight.	
8				Sapling/shrub – Woody pl	lants less tl	han 3 in. I	DBH and
9				greater than or equal to 3	3.28 ft (1 m) tall.	
10				Herb – All herbaceous (no	n-woody)	plants, re	gardless of
11					vince great	o IL Lall.	20 ft in
12				height	viries great	ler than 5	.201111
	85	= Total Cov	ver			, .	
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)				Hydrophytic Vegetation F	resent?	/es l	NO 🔽
1				_			
2				_			
3				_			
4				_			
	0	= Total Cov	/er				
Remarks: (Include photo numbers here or on a sep	arate sheet.)						
No positive indication of hydrophytic vegetation wa	as observed (\geq	50% of don	ninant spec	cies indexed as FAC– or drier)).		

Depth _	Matrix		Redox	< Feat	ures				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ture	Remarks
0 - 16	10YR 3/3	100					Silty Cla	ay Loam	
16 - 20	10YR 4/2	80	10YR 6/6	20	С	М	Silty Cla	ay Loam	
<u> </u>									
ýpe: C = C	Concentration, D =	Depletic	on, RM = Reduced	l Matr	rix, MS =	Masked San	d Grains. ² L	ocation: PL = Pore	e Lining, M = Matrix.
ydric Soil	Indicators:							Indicators for Pr	roblematic Hydric Soils ³ :
Histosol	l (A1)		Polyvalue Be	low S	urface (S	8) (LRR R, M	.RA 149B)	2 cm Muck (/	A10) (LRR K, L, MLRA 149B)
Histic Ep	Dipedon (A2)		Thin Dark Su	rtace	(S9) (LRR	K, MLRA 14) В)	Coast Prairie	e Redox (A16) (LRR K, L, R)
– DIACK TI Hydroge	n Sulfide (A4)			y win d Ma	trix (F2)	(LKK K, L)		5 cm Mucky	Peat or Peat (S3) (LRR K, L, R)
Stratifie	d Lavers (A5)		Depleted Ma	atrix (F	=3)			Dark Surface	e (S7) (LRR K, L)
Deplete	d Below Dark Surf	ace (A11) Redox Dark	Surfac	ce (F6)			Polyvalue Be	elow Surface (S8) (LRR K, L)
Thick D:	ark Surface (A12)		Depleted Da	rk Sur	rface (F7)			Inin Dark St	
	ann 9 ann acc (, <u>2</u>)							II UII=ivialigai	$1 \subseteq S \subseteq [V[d] S S \subseteq S \subseteq [L] \land L \subseteq K \subseteq$
Sandy M	lucky Mineral (S1)		Redox Depre	ession	ns (F8)			Piedmont Fl	oodplain Soils (F19) (MI RA 149R)
Sandy N Sandy G	flucky Mineral (S1) Gleyed Matrix (S4)		Redox Depre	essior	ns (F8)			Piedmont Fl	oodplain Soils (F19) (MLRA 149B)
Sandy M Sandy G Sandy R Sandy R	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5)		Redox Depre	essior	ıs (F8)			Piedmont Fl Mesic Spodi Red Parent I	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21)
Sandy M Sandy G Sandy R Stripped	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6)		Redox Depre	essior	ıs (F8)			Piedmont Fl Mesic Spodi Red Parent M Very Shallow	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12)
Sandy N Sandy G Sandy R Stripped Dark Su	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N	/LRA 14	Redox Depro	essior	ns (F8)			Piedmont Fl Mesic Spodi Red Parent I Very Shallow Other (Expla	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) iin in Remarks)
Sandy N Sandy G Sandy R Stripped Dark Su ndicators	Aucky Mineral (S1) Sleyed Matrix (S4) Redox (S5) d Matrix (S6) Inface (S7) (LRR R, N of hydrophytic veg	ILRA 14	Redox Depro 9B) and wetland hyd	rology	ıs (F8) y must be	e present, ur	less disturbe	Piedmont Fl. Mesic Spodi Red Parent I Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) iin in Remarks)
Sandy N Sandy G Sandy R Stripped Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg Layer (if observed)	ILRA 14	Redox Depro 9B) and wetland hyd	essior rology	ns (F8) y must be	e present, ur	less disturbe	Piedmont Fl. Mesic Spodi Red Parent I Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) ain in Remarks)
Sandy N Sandy R Sandy R Stripped Dark Su ndicators	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Inface (S7) (LRR R, N of hydrophytic veg Layer (if observed) Type:	ILRA 14 etation	9B) and wetland hyd	rology	ns (F8) y must be	e present, ur	less disturbe Present?	Piedmont Fl. Mesic Spodi Red Parent I Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) hin in Remarks)
Sandy N Sandy R Sandy R Stripped Dark Su ndicators	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg Layer (if observed) Type: Depth (inches):	ILRA 14	Redox Depro 9B) and wetland hyd None	rology	ns (F8) y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Fl Mesic Spodi Red Parent I Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) hin in Remarks)
Sandy N Sandy G Sandy G Sandy R Stripped Dark Su dicators strictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches):	ILRA 14 etation	9B) and wetland hyd	rology	ıs (F8) y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Fl Mesic Spodi Red Parent I Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) ain in Remarks)
Sandy N Sandy C Sandy R Stripped Dark Su ndicators strictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg Layer (if observed) Type: Depth (inches): indication of hydr	ILRA 14 jetation :	9B) and wetland hyd None vas observed.	rology	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Fl. Mesic Spodi Red Parent I Very Shallow Other (Expla	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) ain in Remarks)
Sandy N Sandy C Sandy R Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches): indication of hydr	ILRA 14 <u>jetation</u> : ic soils v	9B) and wetland hyd None vas observed.	rology	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Fl Mesic Spodi Red Parent f Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) ain in Remarks)
Sandy N Sandy C Sandy R Stripped Dark Su hdicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg Layer (if observed) Type: Depth (inches): indication of hydr	ILRA 14 getation	9B) and wetland hyd None vas observed.	rolog	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Fl Mesic Spodi Red Parent f Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) hin in Remarks)
Sandy N Sandy C Sandy R Strippec Dark Su dicators sstrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg Layer (if observed) Type: Depth (inches): indication of hydr	ILRA 14 <u>etation</u>	9B) and wetland hyd None vas observed.	rology	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Fl Mesic Spodi Red Parent I Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) hin in Remarks) Yes No∠
Sandy N Sandy C Sandy R Strippec Dark Su dicators istrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg Layer (if observed) Type: Depth (inches): indication of hydr	ILRA 14 etation : 	Redox Depro 9B) and wetland hyd 	rolog	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Fl Mesic Spodi Red Parent I Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) iin in Remarks)
- mick of _ Sandy N _ Sandy C _ Sandy R _ Stripped _ Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches): indication of hydr	ILRA 14 etation :	Redox Depro 9B) and wetland hyd 	rolog	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Fl Mesic Spodi Red Parent f Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) ain in Remarks) Yes No
Sandy N Sandy C Sandy F Stripped Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches): indication of hydr	ILRA 14 etation : ic soils v	9B) and wetland hyd None vas observed.	rolog	y must be	e present, ur	less disturbe Present?	Piedmont Fl Mesic Spodi Red Parent I Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) ain in Remarks)
Sandy N Sandy G Sandy F Stripped Dark Su dicators strictive I strictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches): indication of hydr	ILRA 14 etation :	Redox Depro 9B) and wetland hyd vas observed.	rolog	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Fl. Mesic Spodi Red Parent I Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) hin in Remarks) Yes No∕_
Sandy N Sandy G Sandy F Stripped Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N <u>of hydrophytic veg</u> Layer (if observed): Type: Depth (inches): indication of hydr	/LRA 14 ;etation :	Redox Depro 9B) and wetland hyd None vas observed.	rolog	y must be	e present, ur Hydric Soil	less disturbe	Piedmont Fl Mesic Spodi Red Parent f Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) ain in Remarks) Yes No∕
- mick Dr _ Sandy N _ Sandy G _ Sandy F _ Stripped _ Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches): indication of hydr	/LRA 14 ;etation :	Redox Depro 9B) and wetland hyd 	rolog	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Fl Mesic Spodi Red Parent f Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) ain in Remarks) Yes No _∠
Sandy N Sandy G Sandy F Dark Su Dark Su dicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches): indication of hydr	/LRA 14 <u>etation</u>	Redox Depro 9B) and wetland hyd None vas observed.	rolog	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Fl Mesic Spodi Red Parent f Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) ain in Remarks) Yes No _∠
Sandy A Sandy C Sandy F Stripped Dark Su ndicators estrictive I	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg Layer (if observed) Type: Depth (inches): indication of hydr	/LRA 14 <u>etation</u>	9B) and wetland hyd None vas observed.	rolog	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Fl Mesic Spodi Red Parent f Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) iin in Remarks) Yes No _∠
Sandy A Sandy C Sandy F Stripped Dark Su ndicators estrictive I emarks: o positive	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg Layer (if observed) Type: Depth (inches): indication of hydr	/LRA 14 <u>etation</u>	Redox Depro	rolog	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Fl Mesic Spodi Red Parent f Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) iin in Remarks) Yes No<
Sandy A Sandy A Sandy F Stripper Dark Su ndicators estrictive I emarks:	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches): indication of hydr	ALRA 14	Redox Depro	rolog	y must be	e present, ur	less disturbe Present?	Piedmont Fl Mesic Spodi Red Parent I Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) hin in Remarks) Yes No _∠
Sandy A Sandy G Sandy F Stripper Dark Su estrictive I emarks: Io positive	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches): indication of hydr	ALRA 14	9B) and wetland hyd None vas observed.	rolog	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Fl Mesic Spodi Red Parent I Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) tin in Remarks) YesNo∠
Andy A Sandy A Sandy F Stripper Dark Su ndicators estrictive I emarks: o positive	Aucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) rface (S7) (LRR R, N of hydrophytic veg Layer (if observed): Type: Depth (inches): indication of hydr	/LRA 14 retation : ic soils v	9B) and wetland hyd None vas observed.	rolog	y must be	e present, ur Hydric Soil	less disturbe Present?	Piedmont Fl Mesic Spodi Red Parent I Very Shallow Other (Expla ed or problematic.	oodplain Soils (F19) (MLRA 149B) c (TA6) (MLRA 144A, 145, 149B) Material (F21) v Dark Surface (TF12) tin in Remarks) YesNo∠



Photo of Sample Plot East





Photo of Sample Plot West



Northcentral and Northeast Region -- Version 2.0 Adapted by TRC

Project/Site: Mill Point	City/County: Fultonville, Montgomery	Sampling Date: 2020-Nov-04
Applicant/Owner: ConnectGen	State: NY	Sampling Point: W-KCF-09_PEM-1
Investigator(s): Kevin Ferguson , Giovanni Pambia	nchi Section, Township, Rang	je: N/A
Landform (hillslope, terrace, etc.): Swale	Local relief (concave, convex, n	one): Concave Slope (%): 1 to 3
Subregion (LRR or MLRA): MLRA 144A of LRR R	Lat: 42.90239376	ong: -74.36853969 Datum: WGS84
Soil Map Unit Name: Madalin silty clay loam, 0 to	3 percent slopes	NWI classification: None
Are climatic/hydrologic conditions on the site typica	l for this time of year? Yes 🖌 No	(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology Are Vegetation, Soil, or Hydrology	significantly disturbed? Are "Normal Cir naturally problematic? (If needed, expla	cumstances" present? Yes _✔ No ain any answers in Remarks.)

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

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🯒 No
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-KCF-09
Remarks: (Explain alternative procedures he	re or in a separate report)	
Covertype is PEM. Area is wetland, all three v	wetland parameters are p	resent.	

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

Sampling Point: W-KCF-09_PEM-1

Tree Stratum (Plot size: 30 ft)	Absolute	Dominant	Indicator	Dominance Test worksheet:		
	% Cover	Species?	Status	Number of Dominant Species That	2	(A)
1				Are OBL, FACW, OF FAC:		
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.				- <u>Total % Cover of:</u>	Multiply I	<u>By:</u>
7				OBL species 50	x 1 =	50
	0	= lotal Cov	er	FACW species 20	x 2 =	40
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species 10	x 3 =	30
1				FACU species 0	x 4 =	0
2.				UPL species 0	x 5 =	0
3.		·		Column Totals 80	(A)	120 (B)
4.				Prevalence Index = B/A =	1.5	
5.	·			Hydrophytic Vegetation Indicators:		
6.	·			1- Rapid Test for Hydrophytic \	/egetation	
/	·			2 - Dominance Test is >50%	0	
	0	= Total Cov	er	\checkmark 3 - Prevalence Index is $\leq 3.0^{1}$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				4 - Morphological Adaptations	¹ (Provide s	supporting
1. Lythrum salicaria	40	Yes	OBL	- data in Remarks or on a separate sh	ieet)	
2. Phalaris arundinacea	20	Yes	FACW	Problematic Hydrophytic Vege	tation ¹ (Ex	plain)
3. <u>Solidago rugosa</u>	10	No	FAC	¹ Indicators of hydric soil and wetlan	d hydrolog	gy must be
4. Juncus effusus	10	No	OBL	present, unless disturbed or problem	matic	
5				Definitions of Vegetation Strata:		
6				Tree – Woody plants 3 in. (7.6 cm) or	r more in d	liameter at
7				breast height (DBH), regardless of h	eight.	
8				Sapling/shrub – Woody plants less t	han 3 in. D	BH and
9				greater than or equal to 3.28 ft (1 m) tall.	
10				Herb – All herbaceous (non-woody)	plants, reg	ardless of
11				Weedu vines All weedu vines gran	o IL Lall.	20 ft in
12				- height	ter triari 5.	201111
	80	= Total Cov	er			
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)				Hydrophytic vegetation Present?	res N	0
1				-		
2				_		
3				_		
4				_		
	0	= Total Cov	er			
Remarks: (Include photo numbers here or on a separa	te sheet.)			_		
A positive indication of hydrophytic vegetation was ob	served (>50)% of domin	ant species	indexed as OBL, FACW, or FAC).		
,				·····, ·····, ······,		

	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
) - 8	10YR 4/2	95	10YR 5/6	5	С	Μ	Clay	
- 20	10YR 4/1	95	10YR 5/6	5	C	M/PL	Clay	
				- <u>-</u>				
		- <u> </u>		· —				
				· —		<u> </u>		
e: C = C	oncentration, D =	Deplet	ion, RM = Reduce	d Ma	atrix, MS	= Masked	Sand Grains. ² L	ocation: PL = Pore Lining, M = Matrix.
ric Soil I	ndicators:				C C			Indicators for Problematic Hydric Soils ³ :
Hydroge Stratifiec Depleted Thick Da Sandy M Sandy G Sandy R Strippec Dark Su	en Sulfide (A4) d Layers (A5) d Below Dark Surfa rk Surface (A12) lucky Mineral (S1) leyed Matrix (S4) edox (S5) l Matrix (S6) rface (S7) (LRR R, N	ace (A1 MLRA 1	Loamy Gley Depleted M 1) Redox Dark Depleted Da Redox Depr	ed M atrix Surf ark S ressic	latrix (F2) (F3) ace (F6) urface (F5) ons (F8)	7)	,	 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
icators	of hydrophytic veg	etatior	n and wetland hyd	drolo	gy must	be presen	t, unless disturbe	ed or problematic.
trictive L	ayer (if observed)							
	Туре:		None			Hydric S	oil Present?	Yes 🧹 No
	Depth (inches):							
JSILIVE II		3011 100	as observed.					



Photo of Sample Plot East





Photo of Sample Plot West



Project/Site: Mill Point	City/County: Fultonville, Montgo	omery	Sampling Date: 202	0-Nov-04
Applicant/Owner: ConnectGen		State: NY	Sampling Point: W-KC	F-09_UPL-1
Investigator(s): Kevin Ferguson , Giovanni Pambia	nchi Section	n, Township, Range: <u>N</u> /	A	
Landform (hillslope, terrace, etc.): Hillslope	Local relief (co	oncave, convex, none):	Convex	Slope (%): 2 to 5
Subregion (LRR or MLRA): MLRA 144A of LRR R	Lat: 42	2.90229079 Long:	-74.36851349	Datum: WGS84
Soil Map Unit Name: Darien silt loam, 3 to 8 perc	ent slopes		NWI classification	n: None
Are climatic/hydrologic conditions on the site typica	for this time of year?	Yes 🟒 No (If no	, explain in Remarks.)	
Are Vegetation _∠,Soil _∠,or Hydrology _Are Vegetation,Soil,or Hydrology _	significantly disturbed? naturally problematic?	Are "Normal Circumst (If needed, explain any	ances" present? y answers in Remarks.	Yes 🟒 No)

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

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland? Yes N	0 _
Wetland Hydrology Present?	Yes No	If yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures he	re or in a separate report)	
Covertype is UPL. Area is upland, not all three	e wetland parameters ar	e present. Circumstances are not normal due to agricultural activitie	es.

Wetland Hydrology Indicators:					
Primary Indicators (minimum of on	e is required; check all t	hat apply)	Secondary Indicators (minimum of two required)		
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	Water-t Aquatio Marl Du Hydrog Oxidize Presen Recent Thin M agery (B7) Other (rface (B8)	Stained Leaves (B9) c Fauna (B13) eposits (B15) gen Sulfide Odor (C1) ed Rhizospheres on Living Roots (C3) ce of Reduced Iron (C4) Iron Reduction in Tilled Soils (C6) uck Surface (C7) Explain in Remarks)	 Surrace Soli Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations:					
Surface Water Present?	Yes No 🟒	Depth (inches):	_		
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present? Yes No		
Saturation Present?	Yes No 🟒	Depth (inches):			
(includes capillary fringe)					
Describe Recorded Data (stream ga	iuge, monitoring well, a	erial photos, previous inspections), if	available:		
Remarks:					
The criterion for wetland hydrology	' is not met.				

Sampling Point: W-KCF-09_UPL-1

Tree Stratum (Plot size: 20 ft.)	Absolute	Dominant	Indicator	Dominance Test workshe	et:		
	% Cover	Species?	Status	Number of Dominant Spe	ecies That	0	(A)
1				Are OBL, FACW, or FAC:			
2				Total Number of Domina	nt Species	1	(B)
3				ACTOSS All Strata.	aine That		
4				Are OBL_EACW or EAC	cies mat	0	(A/B)
5				Prevalence Index worksh	eet:		
6				Total % Cover of	-	Multiply	Bv:
7				OBL species	<u> </u>	x 1 =	0
	0	= Total Cov	er	FACW species	0	x 2 =	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	0	x 3 =	0
1				FACU species	95	x 4 =	380
2				LIPL species	0	×5=	0
3				Column Totals	95	(Δ)	380 (B)
4		<u> </u>		Prevalence Ind	PX = R/A =	<u> </u>	500 (D)
5		<u> </u>					
6				Hydrophytic vegetation in	ndicators:	(+-+:	
7				1- Rapid Test for Hy		regetation	1
	0	= Total Cov	er	2 - Dominance Test	IS > 50%		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				5 - Prevalence index	(15 ≤ 5.0' domentiamo1	l (Duras diala	
1. Lathyrus pratensis	85	Yes	FACU	4 - Morphological A	constanto sh	(Provide	supporting
2. Trifolium repens	10	No	FACU	Problematic Hydror	hytic Vege	tation ¹ (E	volain)
3.				Indicators of hydric soil	and wetlan	d hydrolo	gy must be
4.				present, unless disturbed	d or probler	matic	by must be
5.				Definitions of Vegetation	Strata:		
6.				Tree – Woody plants 3 in.	(7.6 cm) or	r more in	diameter at
7.				breast height (DBH), rega	rdless of h	eight.	
8.		· ·		Sapling/shrub - Woody p	lants less tl	han 3 in. I	DBH and
9.		·		greater than or equal to 3	3.28 ft (1 m) tall.	
10.		· ·		Herb – All herbaceous (no	on-woody)	plants, re	gardless of
11.		·		size, and woody plants le	ss than 3.2	8 ft tall.	
12.		· ·		Woody vines - All woody	vines great	ter than 3	.28 ft in
	95	= Total Cov	er	height.			
Woody Vine Stratum (Plot size: 30 ft)		-		Hydrophytic Vegetation	Present?	/es I	No 🟒
1.							
2.							
3.							
4.							
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a separate	e sheet.)						
No positive indication of hydrophytic vegetation was ob	served (≥	50% of dom	linant specie	es indexed as FAC- or drier).		

Profile De	escription: (Describe	to the	depth needed to	docu	ment the	indicato	r or confirm the a	bsence of indicators.)
Depth	Matrix		Redo	x Fea	tures			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0 - 8	10YR 4/2	100					Clay	
8 - 18	10YR 4/1	95	10YR 5/6	5	С	М	Clay	
18 - 20	10YR 5/1	80	10YR 5/6	20	С	M/PL	Clav	
		·						
		·						
		·						
	·							
	_							
		·						
1Type: C =	Concentration D =	Denlet	ion RM = Reduce	d Ma	triv MS -	Maskod	Sand Grains 21	ocation: PL = Pore Lining M = Matrix
Hydric So	il Indicators:	Depiet			, IVIJ -	muskeu		Indicators for Problematic Hydric Soils ³ :
Histor	n naicator 5.		Polyvalue R	elow	Surface (58) (I RP		
Histos	Eninedon (A2)		Thin Dark S	urfac	ے (20) (I D		Δ 1/198)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Rlack	Lpipedon (A2) Histic (A3)			by Mi	e (39) (LK noral (E1		A 1490)	Coast Prairie Redox (A16) (LRR K, L, R)
Diack	an Sulfida (AA)			od M	atrix (E2)		-)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
Tiyuru Stratif	ied Lavers (A5)		Loanty Gley	eu ivi atriv	(F2)			Dark Surface (S7) (LRR K, L)
Denle	ted Below Dark Surf	ace (A1	1) Redox Dark	Surf:	(F6)			Polyvalue Below Surface (S8) (LRR K, L)
Depie Thick	Dark Surface (A12)		Depleted D:	ark Si	irface (F7	7)		Thin Dark Surface (S9) (LRR K, L)
Sandy	Mucky Mineral (S1)		Beday Depr		ins (F8))		Iron-Manganese Masses (F12) (LRR K, L, R)
Sundy	Cloved Matrix (C4)			03510	113 (10)			Piedmont Floodplain Soils (F19) (MLRA 149B)
Sanuy	Bedev (CC)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy	Redox (SS)							Red Parent Material (F21)
Stripp	ed Matrix (S6)							Very Shallow Dark Surface (TF12)
Dark S	Surface (S7) (LRR R, I	MLRA 1	49B)					Other (Explain in Remarks)
³ Indicator	s of hydrophytic ve	getatior	n and wetland hyd	drolo	gy must l	oe preser	nt, unless disturbe	ed or problematic.
Restrictiv	e Laver (if observed)):				1		
	Type:		None			Hydric 9	Soil Present?	Ves No /
	Type. Donth (inchoc):		None			injune .	Join Tresent:	
	Depth (inches):							
No positiv	ve indication of hydr	ric soils	was observed.					



Photo of Sample Plot East



Northcentral and Northeast Region -- Version 2.0 Adapted by TRC



Photo of Sample Plot West

Project/Site: Mill Point City/County: 1				Fultonville, Mo	ontgomery		Sampling Date: 2020-Nov-05		
Applicant/Owner: ConnectGen			State: NY			Sampling Point: W-KCF-10_PEM-1			
Investigator(s): Kevin Ferguson , Giovanni Pambianchi Section, Township, Range: N							/A		
Landform (hillslope, te	rrace, etc.):	Swale		Local reli	ef (concave, conve	x, none):	Concave	Slope (%): 1 to 3	
Subregion (LRR or MLF	RA): MLRA	A 144A of LRR R		La	t: 42.903907	Long:	-74.37154048	Datum: WGS84	
Soil Map Unit Name:	Lansing silt lo	oam, 8 to 15 per	ent slopes				NWI classifica	tion: R5UBH	
Are climatic/hydrologic	c conditions or	the site typical f	or this time o	of year?	Yes 🟒 No _	(If no	o, explain in Remark	:s.)	
Are Vegetation, Are Vegetation,	Soil, Soil,	or Hydrology or Hydrology	significantl naturally p	ly disturbed? problematic?	Are "Normal (If needed, e	l Circums xplain an	tances" present? y answers in Remar	Yes 🟒 No ˈks.)	

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

Hydrophytic Vegetation Present?	Yes 🟒 No									
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🯒 No							
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-KCF-10							
Remarks: (Explain alternative procedures here or in a separate report)										
Covertype is PEM. Area is wetland, all three wetland parameters are present.										

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

Sampling Point: W-KCF-10_PEM-1

International (Mot sizeOLL	Trop Stratum (Blot cize: 20 ft.)	Absolute	Dominant	Indicator	Dominance Test works	heet:		
1. Are OBL_FACW, or FAC:		% Cover	Species?	Status	Number of Dominant S	pecies That	1	(A)
2. Total Number of Dominant Species 1 (B) 3. Across AI Strata: Percent of Dominant Species That 100 (A/B) 5. Across AI Strata: Percent of Dominant Species That 100 (A/B) 7. O = Total Kover of Multiply By: 8apling/Shub Stratum (Plot size: _15 ft_) 1 FAC Species 0 x 1 = 10 7. O = Total Cover FAC Species 0 x 4 = 0 8. O Pervalence Index worksheet: 100 (A/B) 2 10 2. O = Total Cover FAC Species 0 x 5 = 0 3. O = Total Cover FAC Species 0 x 5 = 0 4. O = Total Cover - - - - - 7. O = Total Cover - - - - - - - - - - - - - - - - - - - - - - - <t< td=""><td>1</td><td></td><td></td><td></td><td>Are OBL, FACW, or FAC</td><td>:</td><td></td><td></td></t<>	1				Are OBL, FACW, or FAC	:		
3. Arcos All Stratus Image: Construction of the stratus Image: Constru	2.				Total Number of Domin	hant Species	1	(B)
4. Percent of Dominant Species That 100 (A/B) 5. Prevalence Index worksheet: Total & Cover of: Multiply By: 7. 0 = Total Cover FACW species 90 x 2 = 180 7. 0 = Total Cover FACW species 90 x 2 = 180 7. 0 = Total Cover FACW species 0 x 4 = 0 2. 0 = Total Cover FACW species 0 x 5 = 0 3. 0 = Total Cover FACW species 0 x 5 = 0 4. 0 = Total Cover Prevalence Index = B/A = 2 205 (B) 4. 0 = Total Cover	3.				Across All Strata:			
5.	4.				Percent of Dominant S	pecies That	100	(A/B)
6.	5.				Are OBL, FACW, or FAC			
7.	6.		· · · · ·		Prevalence Index work	sheet:		
0 = Total Cover 00 x1 = 10 Sapling/Shrub Stratum (Plot size: _15 ft_) 0 = Total Cover FAC species 90 x2 = 180 1	7.				- <u>Iotal % Cover</u>	<u>of:</u>	Multiply E	<u>3y:</u>
Saping/Shrub Stratum (Plot size: _15 ft_) FACU species 90 × 2 = 180 1.		0	= Total Cov	er	- OBL species -	10	x1=	10
1	Sapling/Shrub Stratum (Plot size: 15 ft)		_		FACW species	90	x 2 =	180
2	1.				FAC species	5	x 3 =	15
a	2				- FACU species _	0	x 4 =	0
A. Column Totals 105 (A) 205 (B) S. Prevalence Index = B/A = 2 Prevalence Index = B/A = 2 G. The apid Test for Hydrophytic Vegetation 2 1. Phalaris arundinacea 90 Yes FACW 1. Phalaris arundinacea 90 Yes FACW 3. -4. Morphological Adaptations' (Provide supporting data in Remarks or on a separate sheet) 2. Lythrum salicaria 10 No OBL Problematic Hydrophytic Vegetation '(Explain) 3. Solidago rugosa 5 No FACW Problematic Hydrophytic Vegetation '(Explain) 1. Phalaris arundinacea 90 Yes FACW Problematic Hydrophytic Vegetation '(Explain) 3. Solidago rugosa 5 No FAC Problematic Hydrophytic Vegetation '(Explain) 1.	2	·			- UPL species	0	x 5 =	0
Prevalence Index = B/A = _2 Her Her Main and the statum (Plot size: _5 ft_) 1. Prevalence Index is ≤ 3.01 2. Lythrum salicaria 3. Solidago rugosa 5. No 6. Prevalence Index is ≤ 3.01	3				- Column Totals	105	(A)	205 (B)
3.	4				Prevalence Ir	ndex = B/A =	2	
0	с				- Hydrophytic Vegetatior	n Indicators:		
0 = Total Cover ∠ 2 - Dominance Test is >50% Herb Stratum (Plot size: _5ft_)	0				1- Rapid Test for H	- - Hydrophytic V	egetation	
Herb Stratum (Plot size: _5f_)	/		Tabal Car		2 - Dominance Te	st is >50%		
Herb Stratum (Plot size:SIT)		0	= lotal Cov	er	3 - Prevalence Ind	lex is $\leq 3.0^1$		
1. Phalaris arundinacea 90 Yes PACW 2. Lythrum salicaria 10 No OBL Problematic Hydrophytic Vegetation1 (Explain) 3. Solidago rugosa 5 No FAC Problematic Hydrophytic Vegetation1 (Explain) 1. diata in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation1 (Explain) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic 5.	Herb Stratum (Plot size: <u>5 ft</u>)				4 - Morphological	Adaptations	(Provide s	upporting
2. Lythrum salicaria 10 No OBL	1. Phalaris arundinacea	90	Yes	FACW	- data in Remarks or on	a separate sh	ieet)	
3. Solidago rugosa 5 No FAC Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic 4.	2. Lythrum salicaria	10	No	OBL	Problematic Hydr	ophytic Vege	tation ¹ (Exp	olain)
4.	3. <i>Solidago rugosa</i>	5	No	FAC	¹ Indicators of hydric so	il and wetlan	d hydrolog	y must be
5.	4				present, unless disturb	ed or problei	matic	
6.	5		·		Definitions of Vegetation	on Strata:		
7.	6				Tree – Woody plants 3	in. (7.6 cm) oı	r more in d	iameter at
8.	7				breast height (DBH), re	gardless of h	eight.	
9	8				Sapling/shrub - Woody	plants less t	han 3 in. D	BH and
10.	9				greater than or equal t	o 3.28 ft (1 m) tall.	
11.	10				Herb – All herbaceous	(non-woody)	plants, reg	ardless of
12.	11.				size, and woody plants	less than 3.2	8 ft tall.	
Woody Vine Stratum (Plot size: _30 ft) 105 = Total Cover Height. 1.	12.				Woody vines – All wood	dy vines great	ter than 3.2	28 ft in
Woody Vine Stratum (Plot size: _30 ft)		105	= Total Cov	er	height.			
1. 2. 3. 4. 0 = Total Cover Remarks: (Include photo numbers here or on a separate sheet.) A positive indication of hydrophytic vegetation was observed (>50% of dominant species indexed as OBL, FACW, or FAC).	<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)		-		Hydrophytic Vegetatio	n Present?	/es 🟒 N	0
2.	1.							
3.	2.		······································		-			
4. 0 = Total Cover Remarks: (Include photo numbers here or on a separate sheet.) A positive indication of hydrophytic vegetation was observed (>50% of dominant species indexed as OBL, FACW, or FAC).	3.				-			
0 = Total Cover Remarks: (Include photo numbers here or on a separate sheet.) A positive indication of hydrophytic vegetation was observed (>50% of dominant species indexed as OBL, FACW, or FAC).	4.				-			
Remarks: (Include photo numbers here or on a separate sheet.) A positive indication of hydrophytic vegetation was observed (>50% of dominant species indexed as OBL, FACW, or FAC).	···	0	= Total Cov	er	-			
Remarks: (Include photo numbers here or on a separate sheet.) A positive indication of hydrophytic vegetation was observed (>50% of dominant species indexed as OBL, FACW, or FAC).								
A positive indication of hydrophytic vegetation was observed (>50% of dominant species indexed as OBL, FACW, or FAC).	Remarks: (Include photo numbers here or on a separa	te sheet.)						
	A positive indication of hydrophytic vegetation was ob	served (>50	0% of domin	ant species	indexed as OBL, FACW, o	or FAC).		

inchae)	Maurix		Redo	x Fea	tures				
inchesj	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ure	Remarks
0 - 10	10YR 3/1	90	10R 4/8	10	C	M/PL	Silty Clay	y Loam	
10 - 20	10B 4/1	95	10R 4/8	5	C	M/PL	Silty	Clay	
				·					
				·					
				·					
						<u> </u>			
				·		<u> </u>			
ype: C = C	_oncentration, D =	Deplet	tion, RM = Reduce	ed Ma	trix, MS =	= Masked Sand	Grains. ² L	ocation: PL = Pore	E Lining, M = Matrix.
dric Soil	Indicators:		Dobardur D	alerr	C		A 1400V	indicators for P	rodiematic Hydric Solls ³ :
_ HISTOSO	I (A1)		Polyvalue B	elow	Surface (58) (LRR R, ML	KA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
_ HISUC EL Black Hi	pipedon (AZ)			what www.	e (59) (LR inoral (E1	(1 0 0 1 1)	D)	Coast Prairie	e Redox (A16) (LRR K, L, R)
Hvdrog	en Sulfide (A4)			.ky ivii ved M	atrix (F2)			5 cm Mucky	Peat or Peat (S3) (LRR K, L, R)
_ Tyurogo Stratifie	ed Lavers (A5)		Depleted M	latrix	(F3)			Dark Surfac	e (S7) (LRR K, L)
_ Deplete	d Below Dark Surf	ace (A1	1) ✓ Redox Dark	Surf	ace (F6)			Polyvalue B	elow Surface (S8) (LRR K, L)
Thick Da	ark Surface (A12)		Depleted D	ark Si	urface (F	7)		Thin Dark Si	urface (S9) (LRR K, L)
_ Sandy N	Aucky Mineral (S1)		Redox Dep	ressic	ons (F8)			Iron-Manga	nese Masses (F12) (LRR K, L, R)
Candy	Gleved Matrix (S4)							Piedmont Fl	oodplain Soils (F19) (MLRA 149B)
Sanuy	, , ,							Mesic Spodi	c (TA6) (MLRA 144A, 145, 149B)
Sandy C	Redox (S5)							Dod Daront	
_ Sandy C Sandy R Stripped	Redox (S5) d Matrix (S6)								
_ Sandy & _ Sandy R _ Stripped _ Dark Su	Redox (S5) d Matrix (S6) ırface (S7) (LRR R, M	ИLRA 1	49B)					Very Shallov	v Dark Surface (TF12)
_ Sandy & _ Sandy R _ Stripped _ Dark Su	Redox (S5) d Matrix (S6) ırface (S7) (LRR R, N	/ILRA 1	49B)					Very Shallov Other (Expla	v Dark Surface (TF12) ain in Remarks)
_ Sandy & _ Sandy F _ Stripped _ Dark Su ndicators	Redox (S5) d Matrix (S6) ırface (S7) (LRR R, N of hydrophytic veg	/LRA 1 getation	49B) n and wetland hy	drolo	gy must l	pe present, unl	ess disturbe	Very Shallov Other (Expla ed or problematic.	v Dark Surface (TF12) ain in Remarks)
_ Sandy C _ Sandy F _ Stripped _ Dark Su ndicators	Redox (S5) d Matrix (S6) ırface (S7) (LRR R, N of hydrophytic veg Layer (if observed)	ILRA 1 getation	49B) n and wetland hy	drolo;	gy must l	pe present, unl	ess disturbe	Very Shallov Other (Expla d or problematic.	v Dark Surface (TF12) ain in Remarks)
Sandy C Sandy F Stripped Dark Su ndicators estrictive I	Redox (S5) d Matrix (S6) Irface (S7) (LRR R, N <u>of hydrophytic veg</u> Layer (if observed) Type:	MLRA 1 getation	49B) n and wetland hy None	drolo	gy must l	be present, unl	ess disturbe esent?	Very Shallov Other (Expla ed or problematic.	Yes No
_ Sandy & _ Sandy F _ Stripped _ Dark Su dicators	Redox (S5) d Matrix (S6) Irface (S7) (LRR R, N of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 1 getation	49B) n and wetland hy None	drolo	gy must l	be present, unl	ess disturbe esent?	Very Shallov Other (Expla ed or problematic.	Yes <u>Yes</u> No
Sandy F Sandy F Stripped Dark Su dicators strictive I	Redox (S5) d Matrix (S6) Irface (S7) (LRR R, N <u>of hydrophytic veg</u> Layer (if observed) Type: Depth (inches):	MLRA 1 getation :	49B) n and wetland hy None	drolo	gy must l	be present, unl	ess disturbe esent?	Very Shallov Other (Expla	Yes No
Sandy C Sandy F Stripped Dark Su dicators strictive I	Redox (S5) d Matrix (S6) Irface (S7) (LRR R, N of hydrophytic veg Layer (if observed) Type: Depth (inches):	MLRA 1 getation	49B) n and wetland hy None as observed.	drolo;	gy must l	be present, unl	ess disturbe esent?	Very Shallov Other (Expla ed or problematic.	Yes No
Sandy C Sandy F Dark Su dicators strictive I marks: positive ir	Redox (S5) d Matrix (S6) irface (S7) (LRR R, N <u>of hydrophytic veg</u> Layer (if observed) Type: Depth (inches): ndication of hydric	MLRA 1 getation	49B) n and wetland hy None as observed.	drolo;	gy must l	be present, unl	ess disturbe esent?	Very Shallov Other (Expla ed or problematic.	Yes No
Sandy C Sandy F Stripped Dark Su dicators strictive I strictive I marks: positive ir	Redox (S5) d Matrix (S6) Irface (S7) (LRR R, N <u>of hydrophytic veg</u> Layer (if observed) Type: Depth (inches): ndication of hydric	Soil w	49B) n and wetland hy None as observed.	drolo;	gy must l	be present, unl	ess disturbe esent?	Very Shallov Other (Expla ed or problematic.	Yes No
Sandy C Sandy F Dark Su dicators strictive I marks: positive ir	Redox (S5) d Matrix (S6) Irface (S7) (LRR R, N <u>of hydrophytic veg</u> Layer (if observed) Type: <u>Depth (inches):</u> ndication of hydric	MLRA 1 getatio :	49B) n and wetland hy None as observed.	drolo;	gy must l	be present, unl	ess disturbe esent?	Very Shallov Other (Expla ed or problematic.	Yes No
Sandy G Stripped Dark Su dicators strictive I marks: positive ir	Redox (S5) d Matrix (S6) Irface (S7) (LRR R, N <u>of hydrophytic veg</u> Layer (if observed) Type: <u>Depth (inches):</u> ndication of hydric	MLRA 1	49B) n and wetland hy None as observed.	drolo	gy must l	be present, unl	ess disturbe esent?	Very Shallov Other (Expla ed or problematic.	Yes No
Sandy G Stripped Dark Su dicators strictive I marks: positive ir	Redox (S5) d Matrix (S6) Irface (S7) (LRR R, N <u>of hydrophytic veg</u> Layer (if observed) Type: <u>Depth (inches):</u> ndication of hydric	MLRA 1	49B) n and wetland hy None as observed.	drolo;	gy must l	be present, unl	ess disturbe esent?	Very Shallov Other (Expla ed or problematic.	Yes No
Sandy C Sandy F Dark Su ndicators estrictive I emarks: positive ir	Redox (S5) d Matrix (S6) Irface (S7) (LRR R, N <u>of hydrophytic veg</u> Layer (if observed) Type: <u>Depth (inches):</u> ndication of hydric	MLRA 1	49B) n and wetland hy None as observed.	drolo;	gy must l	be present, unl	ess disturbe esent?	Very Shallov Other (Expla ed or problematic.	Yes No
Sandy G Sandy F Dark Su dicators estrictive I	Redox (S5) d Matrix (S6) Irface (S7) (LRR R, N <u>of hydrophytic veg</u> Layer (if observed) Type: <u>Depth (inches):</u> ndication of hydric	ILRA 1	49B) n and wetland hy None as observed.	drolo,	gy must l	be present, uni	ess disturbe	Very Shallov Other (Expla ed or problematic.	Yes No
Sandy G Sandy F Dark Su dicators strictive I	Redox (S5) d Matrix (S6) Irface (S7) (LRR R, N <u>of hydrophytic veg</u> Layer (if observed) Type: <u>Depth (inches):</u> ndication of hydric	Soil w	49B) n and wetland hy None as observed.	drolo,	gy must l	be present, uni	ess disturbe	Very Shallov Other (Expla ed or problematic.	Yes No
Sandy F Stripped Dark Su adicators estrictive I	Redox (S5) d Matrix (S6) Irface (S7) (LRR R, N <u>of hydrophytic veg</u> Layer (if observed) Type: <u>Depth (inches):</u> ndication of hydric	Soil w	49B) n and wetland hy None as observed.	drolo,	gy must l	be present, uni	ess disturbe esent?	Very Shallov Other (Expla ed or problematic.	Yes No
Sandy G Sandy F Dark Su adicators estrictive I	Redox (S5) d Matrix (S6) Irface (S7) (LRR R, N <u>of hydrophytic veg</u> Layer (if observed) Type: <u>Depth (inches):</u> ndication of hydric	ILRA 1	49B) n and wetland hy None as observed.		gy must l	be present, uni	ess disturbe	Very Shallov Other (Expla ed or problematic.	Yes No
Sandy C Sandy F Stripped Dark Su adicators estrictive I	Redox (S5) d Matrix (S6) Irface (S7) (LRR R, N <u>of hydrophytic veg</u> Layer (if observed) Type: <u>Depth (inches):</u> ndication of hydric	ILRA 1	49B) n and wetland hy None as observed.		gy must l	be present, uni	ess disturbe	Very Shallov Other (Expla ed or problematic.	Yes No
Sandy C Sandy F Stripped Dark Su ndicators estrictive I	Redox (S5) d Matrix (S6) irface (S7) (LRR R, N of hydrophytic veg Layer (if observed) Type: <u>Depth (inches):</u> ndication of hydric	Soil w	49B) n and wetland hy None as observed.		gy must l	be present, uni	ess disturbe	Very Shallov Other (Expla ed or problematic.	Yes No
Sandy C Sandy F Stripped Dark Su <u>ndicators</u> estrictive i	Redox (S5) d Matrix (S6) irface (S7) (LRR R, N of hydrophytic veg Layer (if observed) Type: 	Soil w	49B) n and wetland hy None as observed.		gy must l	be present, uni	ess disturbe	Very Shallov Other (Expla ed or problematic.	Yes No
Sandy C Sandy F Stripped Dark Su <u>ndicators</u> estrictive I	Redox (S5) d Matrix (S6) Irface (S7) (LRR R, N of hydrophytic veg Layer (if observed) Type: 	ILRA 1	49B) <u>n and wetland hy</u> <u>None</u> as observed.		gy must l	be present, uni	ess disturbe	Very Shallov Other (Expla ed or problematic.	Yes No
Sandy C Sandy F Stripped Dark Su ndicators :strictive l :marks: positive ir	Redox (S5) d Matrix (S6) irface (S7) (LRR R, N of hydrophytic veg Layer (if observed) Type: 	ILRA 1	49B) <u>n and wetland hy</u> <u>None</u> as observed.	drolo,	gy must l	be present, uni	esent?	Very Shallov Other (Expla ed or problematic.	Yes No
Sandy C Sandy F Stripped Dark Su ndicators estrictive I emarks: positive ir	Redox (S5) d Matrix (S6) irface (S7) (LRR R, N of hydrophytic veg Layer (if observed) Type: Depth (inches): ndication of hydric	ILRA 1	49B) <u>n and wetland hy</u> <u>None</u> as observed.		gy must l	be present, uni	esent?	Very Shallov Other (Expla ed or problematic.	Yes No



Photo of Sample Plot East





Photo of Sample Plot West

Northcentral and Northeast Region -- Version 2.0 Adapted by TRC

Project/Site: Mill Point	City/County:	Fultonville, Montgomery	Sampling Date: 202	Sampling Date: 2020-Nov-05		
Applicant/Owner: Connect	Gen	State: NY	Sampling Point: W-KC	Sampling Point: W-KCF-10_PUB-2		
Investigator(s): Kevin Fergu	ige: N/A					
Landform (hillslope, terrace, e	tc.): Depression	Local relief (concave, convex,	none): Concave	Slope (%): 0 to 1		
Subregion (LRR or MLRA):	MLRA 144A of LRR R	Lat: 42.90478931	Long: -74.37094562	Datum: WGS84		
Soil Map Unit Name: Moha	wk silt loam, 8 to 15 percent slopes		NWI classification	n: PUS		
Are climatic/hydrologic condit	ions on the site typical for this time	of year? Yes 🟒 No 🔄	_ (If no, explain in Remarks.)			
Are Vegetation, Soil Are Vegetation, Soil	_, or Hydrology significant _, or Hydrology naturally p	ly disturbed? Are "Normal Ci problematic? (If needed, exp	rcumstances" present? lain any answers in Remarks.	Yes 🟒 No)		

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

Hydrophytic Vegetation Present?	Yes 🟒 No									
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🯒 No							
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-KCF-10							
Remarks: (Explain alternative procedures here or in a separate report)										
Covertype is PUB. Area is wetland, all three wetland parameters are present.										

Wetland Hydrology Indicators:					
Primary Indicators (minimum of on	e is required; check all that	at apply)		Secondary Indicators (minimum of two required)	
 ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) ✓ Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	ained Leaves (B9) Fauna (B13) posits (B15) n Sulfide Odor (C1) Rhizospheres on Living Ro e of Reduced Iron (C4) on Reduction in Tilled Soils ck Surface (C7) cplain in Remarks)	ots (C3) (C6)	 		
Field Observations: Surface Water Present?	Yes 🖌 No	Depth (inches):	14		
Water Table Present?	Yes 🖌 No	Depth (inches):	0	Wetland Hydrology Present? Yes No	
Saturation Present?	Yes 🟒 No	Depth (inches):	0		
(includes capillary fringe)					
Describe Recorded Data (stream ga	auge, monitoring well, aeri	ial photos, previous inspect	tions), if	available:	
Remarks:					
The criterion for wetland hydrolog	/ is met.				

Sampling Point: W-KCF-10_PUB-2

Tree Stratum (Plot size: <u>30 ft</u>)	Absolute %	Dominant	Indicator	Dominance Test works	neet:		
1	Cover	Species:	518103	Are OBL, FACW, or FAC:	pecies mat	0	(A)
2				Total Number of Domir	ant Species		
2.				Across All Strata:		0	(B)
				Percent of Dominant S	pecies That		(4 (D)
4				Are OBL, FACW, or FAC:			(A/B)
5.				 Prevalence Index works 	sheet:		
o	·			- <u>Total % Cover</u>	of:	<u>Multiply</u>	<u>′ By:</u>
/·				 OBL species 	0	x 1 =	0
	0	= lotal Cover		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 In	dex = B/A =		
5				Hydronbytic Vegetation	Indicators:		
6				- 1- Rapid Test for H	lydrophytic \	/egetatio	n
7					t is $> 50\%$	egetatio	
	0	= Total Cover		3 - Prevalence Ind	e_{x} is < 3.01		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				5 - Merahelogical	1 (Provide	supporting	
1				4 - Morphological Adaptations' (Provide s			supporting
2				Problematic Hydro	onhytic Vege	tation ¹ (F	xnlain)
3.				Indicators of hydric so	il and wetlan	d hydrol	agy must be
4.				present, unless disturb	ed or proble	matic	bgy must be
5.				Definitions of Vegetation	n Strata		
6.		·		Tree - Woody plants 3 i	n (7.6 cm) o	r more in	diameter at
7.				breast height (DBH), re	pardless of h	eight.	didiffecer de
8				Sapling/shrub - Woody	plants less t	han 3 in.	DBH and
9				greater than or equal to	5 3.28 ft (1 m) tall.	
10				Herb – All herbaceous (non-woody)	plants, re	egardless of
11				size, and woody plants	less than 3.2	8 ft tall.	0
12		······		Woody vines - All wood	ly vines grea	ter than 3	3.28 ft in
12		- Total Cover		height.			
Weeds Vine Chesture (Distained 20 ft)	0			Hydrophytic Vegetatio	n Present?	res 🖌	No
				, , , , , , , , , , , , , , , , , , ,			
	·			_			
2	·			_			
3				_			
4				_			
	0	= Total Cover					
Remarks: (Include photo numbers here o No vegetation present due to inundation.	r on a separat	e sheet.)					

	% Color (moist)	% Type ¹	Loc ² Texture	Remarks
		<u> </u>		
		<u> </u>	<u> </u>	
		<u> </u>		· ·
		<u> </u>		
e: $C = Concentration, D = D$	epletion, RM = Reduced	Matrix MS =	Masked Sand Grains	Plocation: Pl = Pore Lining, M = Matrix
ric Soil Indicators:				Indicators for Problematic Hydric Soils ³ :
Iistosol (A1) Iistic Epipedon (A2) Ilack Histic (A3) Iydrogen Sulfide (A4) Itratified Layers (A5) Depleted Below Dark Surface 'hick Dark Surface (A12) Gandy Mucky Mineral (S1) Gandy Gleyed Matrix (S4) Gandy Redox (S5) Gtripped Matrix (S6) Dark Surface (S7) (LRR R, MI Cators of hydrophytic vege	Polyvalue Be Thin Dark Su Loamy Muck Loamy Gleye Depleted Ma e (A11) Redox Dark S Depleted Da Redox Depre	low Surface (Si rface (S9) (LRR y Mineral (F1) (d Matrix (F2) trix (F3) Surface (F6) rk Surface (F7) essions (F8)	s) (LRR R, MLRA 149B) R, MLRA 149B) LRR K, L) e present, unless disturt	 2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
rictive Layer (if observed):				
Type: Depth (inches):	None		Hydric Soil Present?	Yes No
arks:				

Photo of Sample Plot North



Photo of Sample Plot East





Photo of Sample Plot West



Project/Site: Mill Point	t		City/County:	Fultonville, Mor	ntgomery		Sampling Date:	2020-Nov-05
Applicant/Owner: C	onnectGen				State: NY		Sampling Point: V	V-KCF-10_PUB-3
Investigator(s): Kevi	n Ferguson , G	iovanni Pambiar	nchi	Sec	tion, Township, Ra	nge: N	/Α	
Landform (hillslope, te	rrace, etc.):	Depression		Local relief	f (concave, convex,	, none):	Concave	Slope (%): 0 to 1
Subregion (LRR or MLF	RA): MLR	A 144A of LRR R		Lat:	42.90425963	Long:	-74.37066498	Datum: WGS84
Soil Map Unit Name:	N/A (Water)						NWI classific	ation: PUS
Are climatic/hydrologie	c conditions o	n the site typical	for this time	of year?	Yes 🟒 No 🔄	(If no	, explain in Remar	·ks.)
Are Vegetation, Are Vegetation,	Soil, Soil,	or Hydrology or Hydrology	significant naturally	tly disturbed? problematic?	Are "Normal ((If needed, ex	Circumst plain an	tances" present? y answers in Rema	Yes 🟒 No arks.)

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

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-KCF-10
Remarks: (Explain alternative procedures he	ere or in a separate report)	
Covertype is PUB. Area is wetland, all three	wetland parameters are p	resent.	

Wetland Hydrology Indicators:						
Primary Indicators (minimum of or	ne is required; check all th	<u>at apply)</u>		Secondary Indicators (minimum of two required)		
 ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) ✓ Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	Water-St Aquatic Marl Dej Hydroge Oxidized Presence Recent lu Thin Mu agery (B7) Other (E rface (B8)	tained Leaves (B9) Fauna (B13) posits (B15) en Sulfide Odor (C1) I Rhizospheres on Living Rc e of Reduced Iron (C4) ron Reduction in Tilled Soils ck Surface (C7) xplain in Remarks)	oots (C3) s (C6)	Secondary Indicators (minimum of two required) Surface Soil Cracks (B6) Trainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)		
Field Observations:						
Surface Water Present?	Yes 🟒 No	Depth (inches):	24	_		
Water Table Present?	Yes 🟒 No	Depth (inches):	0	Wetland Hydrology Present? Yes No		
Saturation Present?	Yes 🟒 No	Depth (inches):	0	_		
(includes capillary fringe)						
Describe Recorded Data (stream g	auge, monitoring well, aer	ial photos, previous inspec	tions), if	available:		
The criterion for wetland hydrolog	y is met.					

Sampling Point: W-KCF-10_PUB-3

Tree Stratum (Plot size: <u>30 ft</u>)	Absolute %	Dominant	Indicator	Dominance Test works	neet:		
1	Cover	Species:	518103	Are OBL, FACW, or FAC:	pecies mat	0	(A)
2				Total Number of Domir	ant Species		
2.				Across All Strata:		0	(B)
				Percent of Dominant S	pecies That		(4 (D)
4	·			Are OBL, FACW, or FAC:			(A/B)
5.				 Prevalence Index works 	sheet:		
o				- <u>Total % Cover</u>	of:	<u>Multiply</u>	<u>′ By:</u>
/				- OBL species	0	x 1 =	0
	0	= lotal Cover		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 In	dex = B/A =		
5				Hydrophytic Vegetation	Indicators:		
6				1- Rapid Test for H	lydrophytic \	/egetatio	n
7				2 - Dominance Tes	st is $> 50\%$	6801010	
	0	= Total Cover		3 - Prevalence Ind	ex is $\leq 3.0^1$		
Herb Stratum (Plot size: <u>5 ft</u>)				4 - Morphological	Adaptations	¹ (Provide	supporting
1				 data in Remarks or on a 	a separate sh	neet)	sabbarens
2				Problematic Hvdr	ophytic Vege	tation ¹ (E	xplain)
3				- ¹ Indicators of hydric so	il and wetlan	d hvdrolo	bgy must be
4				present, unless disturb	ed or proble	matic	0,
5.				Definitions of Vegetation	n Strata:		
6.				Tree – Woody plants 3 i	n. (7.6 cm) oi	r more in	diameter at
7.				breast height (DBH), re	gardless of h	eight.	
8.				Sapling/shrub - Woody	plants less t	han 3 in.	DBH and
9.				greater than or equal to	o 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous (non-woody)	plants, re	egardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12				Woody vines – All wood	ly vines grea	ter than 3	3.28 ft in
	0	= Total Cover		height.			
Woody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic Vegetatio	n Present?	res 🟒	No
				_			
2				_			
3				_			
4				_			
	0	= Total Cover					
Remarks: (Include photo numbers here o No vegetation present due to inundation.	r on a separat	e sheet.)					

	% Color (moist)	% Type ¹	Loc ² Texture	Remarks
		<u> </u>		
		<u> </u>	<u> </u>	
		<u> </u>		· ·
		<u> </u>		
e: $C = Concentration, D = D$	epletion, RM = Reduced	Matrix MS =	Masked Sand Grains	Plocation: Pl = Pore Lining, M = Matrix
ric Soil Indicators:				Indicators for Problematic Hydric Soils ³ :
Iistosol (A1) Iistic Epipedon (A2) Ilack Histic (A3) Iydrogen Sulfide (A4) Itratified Layers (A5) Depleted Below Dark Surface 'hick Dark Surface (A12) Gandy Mucky Mineral (S1) Gandy Gleyed Matrix (S4) Gandy Redox (S5) Gtripped Matrix (S6) Dark Surface (S7) (LRR R, MI Cators of hydrophytic vege	Polyvalue Be Thin Dark Su Loamy Muck Loamy Gleye Depleted Ma te (A11) Redox Dark S Depleted Da Redox Depre Redox Depre	low Surface (Si rface (S9) (LRR y Mineral (F1) (d Matrix (F2) trix (F3) Surface (F6) rk Surface (F7) essions (F8)	s) (LRR R, MLRA 149B) R, MLRA 149B) LRR K, L) e present, unless disturt	 2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
rictive Layer (if observed):				
Type: Depth (inches):	None		Hydric Soil Present?	Yes No
arks:				



Photo of Sample Plot East





Photo of Sample Plot West

Project/Site: Mill Point	City/County: Fultonville, Montgo	omery	Sampling Date: 202	0-Nov-05
Applicant/Owner: ConnectGen		State: NY	Sampling Point: W-KC	F-10_UPL-1
Investigator(s): Kevin Ferguson , Giovanni Pambia	nchi Section	n, Township, Range: <u>N</u> /	A	
Landform (hillslope, terrace, etc.): Foot slope	Local relief (co	ncave, convex, none):	Concave	Slope (%): 2 to 5
Subregion (LRR or MLRA): MLRA 144A of LRR R	Lat: 42	.9039469 Long:	-74.37166879	Datum: WGS84
Soil Map Unit Name: Lansing silt loam, 8 to 15 pe	rcent slopes		NWI classification	n: None
Are climatic/hydrologic conditions on the site typica	l for this time of year?	Yes 🟒 No (If no	, explain in Remarks.)	
Are Vegetation, Soil, or Hydrology Are Vegetation, Soil, or Hydrology	significantly disturbed? naturally problematic?	Are "Normal Circumst (If needed, explain any	ances" present? y answers in Remarks.	Yes No)

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

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

Wetland Hydrology Indicators:				
Primary Indicators (minimum of on	e is required; check all th	nat apply)	Secondary Indicators (minimum of two	required)
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	Water-S Aquatic Marl De Hydroge Oxidized Presenc Recent I Thin ML agery (B7) Other (F	itained Leaves (B9) Fauna (B13) posits (B15) en Sulfide Odor (C1) d Rhizospheres on Living Roots (C3) ee of Reduced Iron (C4) Iron Reduction in Tilled Soils (C6) uck Surface (C7) Explain in Remarks)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 	ı (C9)
Field Observations:				
Surface Water Present?	Yes No 🟒	Depth (inches):		
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present? Yes	No 🟒
Saturation Present?	Yes No 🟒	Depth (inches):		
(includes capillary fringe)				
Describe Recorded Data (stream ga	auge, monitoring well, ae	rial photos, previous inspections), if	available:	
Remarks:				
The criterion for wetland hydrology	/ is not met.			

Sampling Point: W-KCF-10_UPL-1

<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works	sheet: Species That	2	(A)
1				Are OBL, FACW, or FAC			
2				Total Number of Domi Across All Strata:	nant Species	4	(B)
4.				Percent of Dominant S	Species That	50	(A/B)
5.				Are OBL, FACW, of FAC			
6.				- Prevalence Index work	(Sheet:		. D
7.				- <u>Iotal % Cover</u>	<u>° or:</u>	Multiply	<u>′ ву:</u>
	0	= Total Cov	er	- OBL species	0	x I =	0
Sapling/Shrub Stratum (Plot size: 15 ft)		-		FACW species	10	x 2 =	20
1 Lonicera morrowii	10	Yes	FACU	FAC species	15	x 3 =	45
2		105	TACO	FACU species	30	x 4 =	120
2.				- UPL species	0	x 5 =	0
3				- Column Totals	55	(A)	185 (B)
4				Prevalence I	ndex = B/A =	3.4	
5				Hydronbytic Vegetatio	n Indicators:		
6				1- Rapid Test for	Hydrophytic V	logotation	h
7					$\sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i$	egetation	1
	10	= Total Cov	er	2 - Dominance re	-5115 - 50%		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)		-		5 - Prevalence init	$\text{dex is } \leq 5.0^{\circ}$		
1. Solidago altissima	15	Yes	FACU	4 - Morphologica	Adaptations	(Provide	supporting
2. Solidago rugosa	15	Yes	FAC	- Uala III Remarks of Off	a separate si	tation1 (F	valain)
3. Poaceae	5	No	NI	- Problematic Hyd	ropriyuc vege	lation' (E.	xpiain)
4 Galium mollugo	5	No	FACU	- Indicators of hydric so	oll and wetland	a nyaroic matic	ogy must be
5 Heracleum maximum	5	No	FACW	Definitions of Venetati		nauc	
		110	TACW		on Strata:		
0				Iree – Woody plants 3	in. (7.6 cm) or	r more in	diameter at
7				- breast neight (DBH), re	egardless of h	eignt.	
8				Sapling/shrub - Wood	y plants less ti	han 3 in.	DBH and
9				- greater than or equal	(o 3.28 IL (1 m) tall.	
10				Herb – All nerbaceous	(non-woody)	plants, re	gardless of
11				size, and woody plants	s less than 3.2		20 6
12				woody vines - All woo	dy vines great	ter than 3	3.28 Tt In
	45	= Total Cov	er	neight.			
Woody Vine Stratum (Plot size: <u>30 ft</u>)		-		Hydrophytic Vegetation	on Present?	/es I	No 🟒
1. Vitis cinerea	5	Yes	FACW				
2.				-			
3				-			
·				-			
**	5	= Total Cov	er	-			
		-		_}			

No positive indication of hydrophytic vegetation was observed (≥50% of dominant species indexed as FAC- or drier).

ches) Color (r			х геа			_	
10 10/0	<u>noist) %</u>	Color (moist)	<u>%</u>	Type ¹	Loc ²	Texture	Remarks
	3/2 100				Silty	/ Clay Loam	
<u>- 14 10B 3</u>	<u>3/1 98</u>	10YR 4/6	2	<u> </u>	M Silty	/ Clay Loam	
I - 20 10YR	4/1 95	10YR 4/6	5	C	M/PL Silty	/ Clay Loam	
		·					
		·					
		·			·		
		·					
		·		<u> </u>	·	<u> </u>	
		·		<u> </u>	·	<u> </u>	
		·					
		·					
	ion D = Doplo	tion PM - Poduco	- <u></u>	triv MC -	Masked Sand Grains	21 ocation: PL - Pore	Lining M - Matrix
ric Soil Indicators	ion, D - Depier	tion, RM – Reduced		un, 1013 -		Indicators for Pr	oblematic Hydric Soils ³
Histosol (A1)		Polyvalue Be	- Mole	Surface (
Histic Epipedon (A	2)	Thin Dark Su	urface	e (S9) (LR	R R, MLRA 149B)	 2 cm Muck (A Coast Brairio 	A10) (LRR K, L, MLRA 149B)
Black Histic (A3)	,	Loamy Mucl	ky Mii	neral (F1)) (LRR K, L)	5 cm Mucky	
Hydrogen Sulfide	(A4)	Loamy Gleye	ed Ma	atrix (F2)		Dark Surface	(S7) (I RR K. I.)
Stratified Layers (A	\$5)	Depleted Ma	atrix ((F3)		Polyvalue Be	low Surface (S8) (LRR K, L)
Depleted Below D	ark Surface (A1	11) Redox Dark	Surfa	ice (F6)		Thin Dark Su	rface (S9) (LRR K, L)
Thick Dark Surface	2 (A12) 2 (S1)	Depleted Da	irk Su	Irface (F7	()	Iron-Mangan	ese Masses (F12) (LRR K, L, R)
Sandy Cloyed Mat	riv (C1)	Redox Depr	essio	IIS (FO)		Piedmont Flo	oodplain Soils (F19) (MLRA 149B)
Sandy Redox (S5)	11X (34)					Mesic Spodic	: (TA6) (MLRA 144A, 145, 149B)
Stripped Matrix (S	6)					Red Parent N	Aaterial (F21)
Dark Surface (S7)	URR R. MLRA 1	49B)				Very Shallow	Dark Surface (TF12)
						Other (Explai	in in Remarks)
licators of hydropl	iytic vegetatio	n and wetland hyd	rolog	gy must b	e present, unless distu	urbed or problematic.	
trictive Layer (if ob	served):						
Type:	. —	None	-		Hydric Soil Present?		Yes No 🟒
Depth (inc	hes):						
positive indication	of hydric soils	was observed.					



Photo of Sample Plot East


Photo of Sample Plot West



WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Mill Point	City/County: Fultonville, Montgom	iery Sampling Date: 2020-Nov-05
Applicant/Owner: ConnectGen	Si	tate: NY Sampling Point: W-KCF-10_UPL-2
Investigator(s): Kevin Ferguson , Giovanni Pambia	nchi Section, T	Fownship, Range: N/A
Landform (hillslope, terrace, etc.): Flat	Local relief (conc	cave, convex, none): Convex Slope (%): 0 to 1
Subregion (LRR or MLRA): MLRA 144A of LRR R	Lat: 42.90	048152 Long: -74.3708456 Datum: WGS84
Soil Map Unit Name: Mohawk silt loam, 8 to 15 pe	ercent slopes	NWI classification: None
Are climatic/hydrologic conditions on the site typical	for this time of year? Yes	s 🟒 No (If no, explain in Remarks.)
Are Vegetation Soil or Hydrology Are Vegetation Soil or Hydrology	significantly disturbed? An	re "Normal Circumstances" present? Yes 🟒 No If needed, explain any answers in Remarks.)

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

Hydrophytic Vegetation Present?	Yes No 🟒								
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒						
Wetland Hydrology Present?	Yes No 🟒	If yes, optional Wetland Site ID:							
Remarks: (Explain alternative procedures her	Remarks: (Explain alternative procedures here or in a separate report)								
Covertype is UPL. Area is upland, not all three wetland parameters are present. Circumstances are not normal due to mowing of vegetation.									

HYDROLOGY

Wetland Hydrology Indicators:					
Primary Indicators (minimum of on	e is required; check all t	hat apply)	Secondary Indicators (minimum of two required)		
Surface Water (A1) Water-Stained Leaves (B9) High Water Table (A2) Aquatic Fauna (B13) Saturation (A3) Marl Deposits (B15) Water Marks (B1) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (Drift Deposits (B3) Presence of Reduced Iron (C4) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Iron Deposits (B5) Thin Muck Surface (C7) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8)			 Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations:					
Surface Water Present?	Yes No 🟒	Depth (inches):	_		
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present? Yes No		
Saturation Present?	Yes No 🟒	Depth (inches):			
(includes capillary fringe)					
Describe Recorded Data (stream ga	iuge, monitoring well, a	erial photos, previous inspections), if	available:		
Remarks:					
The criterion for wetland hydrology	' is not met.				

VEGETATION -- Use scientific names of plants.

Sampling Point: W-KCF-10_UPL-2

Tree Stratum (Plot size: 20 ft)	Absolute	Dominant	Indicator	Dominance Test worksheet:		
	% Cover	Species?	Status	Number of Dominant Species 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 Species That	0	(A/B)
5.				Are OBL, FACW, of FAC:		
6.				- Prevalence Index worksheet:	Multich	D. #
7.				OPL spacies	<u>wuupy</u>	<u>ву:</u> о
	0	= Total Cov	er		×1- ×2-	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)		-		FAC w species 0	x Z = _	0
1.				FAC species 10	× 3 = _	30
2.				- FACU species 65	x 4 =	260
3.				- UPL species 0	x 5 =	0
4.				- Column Totals 75	(A)	290 (B)
5.				Prevalence Index = B/A =	3.9	
6				- Hydrophytic Vegetation Indicators:		
7				1- Rapid Test for Hydrophytic \	/egetation	
/·		- Total Cov	or	2 - Dominance Test is > 50%		
Llauth Church und (Diet eines Eff.)			ei	3 - Prevalence Index is $\leq 3.0^1$		
Herb Stratum (Plot size: <u>5 It</u>)	60	Vac	FACU	4 - Morphological Adaptations	¹ (Provide	supporting
			FACU	- data in Remarks or on a separate sh	neet)	
		<u> </u>	FAC	 Problematic Hydrophytic Vege 	tation ¹ (Ex	(plain)
	5	<u>N0</u>	FACU	 Indicators of hydric soil and wetlan 	d hydrolog	gy must be
4.				_ present, unless disturbed or proble	matic	
5				_ Definitions of Vegetation Strata:		
6				_ Tree – Woody plants 3 in. (7.6 cm) o	r more in o	diameter at
7				_ breast height (DBH), regardless of h	eight.	
8				Sapling/shrub – Woody plants less t	han 3 in. E	OBH and
9				greater than or equal to 3.28 ft (1 m	i) tall.	
10				Herb – All herbaceous (non-woody)	plants, reg	gardless of
11				size, and woody plants less than 3.2	8 TT TAIL.	20.6
12				Woody vines – All woody vines grea	ter than 3.	.28 ft in
	75	= Total Cov	er			
Woody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic Vegetation Present?	Yes N	lo
1				_		
2						
3.						
4.						
	0	= Total Cov	er	-		
Demarka (Include abete numbera bere er en a cenar	rata chaot)	-				
Remarks. (include photo numbers here of on a separ	ale sneet.)	FO0% of dom	inant chaci	iss independence FAC and driver)		
no positive indication of hydrophytic vegetation was	observed (2	50% OF UOIT	inant speci	les indexed as FAC- of drief).		

SOIL

	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ture Remarks
- 20	10YR 3/3	100		_			Silty Cla	ay Loam
				_				
		·		_				
		·		_				
				_				
				_				
e: C = C	Concentration, D = I	Depletio	n, RM = Reduced	Matr	rix, MS =	Masked Sanc	Grains. ² L	ocation: PL = Pore Lining, M = Matrix.
Histosol	(A1)		Polvvalue Bel	ow S	urface (S	8) (LRR R. ML	RA 149B)	
⊣istic Ep Black Hi Hydroge Stratifie Deplete	oipedon (A2) stic (A3) en Sulfide (A4) d Layers (A5) d Below Dark Surfa	ace (A11)	Thin Dark Sur Loamy Mucky Loamy Gleyee Depleted Mat) Redox Dark S	rface / Min d Ma trix (F urfac	(S9) (LRR eral (F1) (trix (F2) 	R, MLRA 149 (LRR K, L)	В)	 Coast Prairie Redox (A16) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L)
andy M Sandy G	ark Surface (AT2) Jucky Mineral (S1) Gleyed Matrix (S4)		Depleted Dar	ssion	tace (F7) is (F8)			Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy R	edox (S5)							Red Parent Material (F21)
Strippeo Dark Su	d Matrix (S6) rface (S7) (LRR R, N	1LRA 149	9B)					Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
icators	of hydrophytic veg	etation a	and wetland hydr	ology	/ must be	e present, un	ess disturbe	ed or problematic.
trictive l	_ayer (if observed):							
	Туре:		None			Hydric Soil	Present?	Yes No _
	Depth (inches):							
ositive	indication of hydri	c soils w	as observed.					



Photo of Sample Plot East





Photo of Sample Plot West

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Mill Point	t		City/County:	Fultonville, M	lont	gomery		Sampling Date:	2020-Nov-05	
Applicant/Owner: C	onnectGen					State: NY		Sampling Point: <u>V</u>	V-KCF-10_UPL-3	
Investigator(s): Kevin Ferguson , Giovanni Pambianchi					Sectio	on, Township, Rai	nge: N/	Ά		
Landform (hillslope, te	rrace, etc.):	Low Hill		Local rel	lief (concave, convex,	none):	Convex	Slope (%): 1	to 3
Subregion (LRR or MLF	RA): MLRA	A 144A of LRR R		La	at: _	12.904289	Long:	-74.370583	Datum: WGS	84
Soil Map Unit Name:	llion silt loam	n, 3 to 8 percent	slopes					NWI classifica	ation: None	
Are climatic/hydrologic	conditions or	the site typical	for this time o	of year?		Yes 🟒 No 🔄	(If no	, explain in Remar	ks.)	
Are Vegetation, Are Vegetation,	Soil, Soil,	or Hydrology or Hydrology	significantl naturally p	y disturbed? roblematic?		Are "Normal C (If needed, exp	ircumst plain an	ances" present? y answers in Rema	Yes 🟒 No Irks.)	

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

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

HYDROLOGY

Wetland Hydrology Indicators:					
Primary Indicators (minimum of on	<u>e is required; check all th</u>	<u>nat apply)</u>	Secondary Indicators (minimum o	of two required)	
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) 			Crayfish Burrows (B10) Moss Trim Lines (B10) 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)		
Field Observations:					
Surface Water Present?	Yes No 🟒	Depth (inches):			
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present?	Yes No 🟒	
Saturation Present?	Yes No 🟒	Depth (inches):			
(includes capillary fringe)					
Describe Recorded Data (stream ga	luge, monitoring well, ae	rial photos, previous inspections), if	available:		
Remarks:					
No positive indication of wetland hy	/drology was observed.				

VEGETATION -- Use scientific names of plants.

Sampling Point: W-KCF-10_UPL-3

Tree Stratum (Plat size) 20 ft	Absolute	Dominant	Indicator	Dominance Test worksh	eet:		
	% Cover	Species?	Status	Number of Dominant Sp	oecies That	0	(A)
1				Are OBL, FACW, or FAC:		-	
2.				Total Number of Domina	ant Species	1	(B)
3				Across All Strata:			
4.				Percent of Dominant Sp	ecies That	0	(A/B)
5				Are OBL, FACVV, OF FAC.			
6				Total % Cover of	ieel.	Multiply	D.e
7.				OBL species	<u>n.</u> 0	<u>v 1 =</u>	<u>ру.</u> О
	0	= Total Cove	er	EACW species	0	×7-	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)		-		EAC species	0	×2- ×2-	0
1.					0	x 5 - 4 -	0
2.					0	x 4 =	0
3.				Calumara Tatala	100	x 5 = _	500
4.		·			100	(A)	500 (B)
5.		· •		Prevalence Inc	dex = B/A =	5	
6.		· •		Hydrophytic Vegetation	Indicators:		
7.		·		1- Rapid Test for Hy	ydrophytic \	/egetatior	ו
	0	= Total Cove	er	2 - Dominance Test	t is > 50%		
Herb Stratum (Plot size: 5 ft)		-		3 - Prevalence Inde	$x \text{ is} \leq 3.0^1$		
1. Bromus inermis	100	Yes	UPL	4 - Morphological A	Adaptations	¹ (Provide	supporting
2.				data in Remarks or on a	separate sr	ieet)	(m m i m)
3.				Problematic Hydro	pnytic vege	tation' (E)	kplain)
4.				indicators of hydric soll	and wettan	a nyarolo matic	gy must be
5.				Definitions of Vegetation	Strata:	matic	
6				Tree Woody plants 2 in	$\sqrt{7} 6 \text{ cm}$	r moro in	diameter at
7				hreast height (DBH) reg	ardless of h	eight	ulameter at
8				Sanling/shruh – Woody	nlants less t	han 3 in T	DBH and
o				greater than or equal to	3.28 ft (1 m) tall.	2211 4114
10				Herb – All herbaceous (r	ion-woody)	<i>,</i> plants, re	gardless of
11				size, and woody plants l	ess than 3.2	8 ft tall.	0
12				Woody vines - All woody	/ vines grea	ter than 3	.28 ft in
12	100	- Total Cov	or.	height.			
Woody Vino Stratum (Plot size: 20 ft)	100	- 10tai Cove	-1	Hydrophytic Vegetation	Present?	res 1	No 🖌
				, , , , , ,			
·		<u> </u>					
2.							
4		- Total Cau					
	0		er				
Remarks: (Include photo numbers here or on a separate	e sheet.)						
No positive indication of hydrophytic vegetation was ob-	served (\geq	50% of dom	inant specie	es indexed as FAC– or drie	r).		

SOIL

0-8 10YR 3/2 100	<u> </u>	Color (moist)	%	Color (moist)	%	Type ¹	Loc ² Tex	ture	Remarks
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains, "Location: PL = Pore Lining, M = Matrix, Indicators to: Indicators for Problematic Hydric Solis? Histosol (A1) Polyvalue Below Surface (S3) (LRR R, MLRA 149B)	0-0	10YR 3/2	100		_		Silty Cl	ay Loam	
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Solis? Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 1499) Black Hist: (A3) Loamy Mucky Mineral (F1) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F2) Dark Surface (S7) (LRR K, L) S cm Mucky Plat or Peat (S3) (LRR K, L) Stratified Layers (A5) Depleted Dark Surface (F7) Thin Dark Surface (F7) Thin Dark Surface (S9) (RR K, L) Stratified Layers (A5) Depleted Dark Surface (F7) Think Dark Surface (A11) Redox Dark Surface (F7) Sandy Gleyed Matrix (S4) Piedmont Floodplain Solis (F19) (MLRA 148, 1489) Sandy Redox (S5) Bredematriker (F2) Stratified Layers (C5) Mesic Spoid: (TAC1) (MLRA 144, 144, 1448) Jark Surface (S1) (LR R, K, MLRA 1498) Other (Explain Remarks) Jictors of Hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. thytic Soil Present? Yrpe: None Hydric Soil Present? Yes					_				
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators for Problematic Hydric Solie? Indicators for Problematic Hydric Solie? Histisc Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B)			·						
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Solls? Histics (A1) Polyvalue Below Surface (S9) (LRR R, MLRA 1498) 2 cm Muck (A10) (LRR K, L, MLRA 1498) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 1498) 2 coast Praine Redox (A16) (LRR K, L, M Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) 5 cm Mucky Peat or Peat (S3) (LRR K, L) Startified Layers (A5) Depleted Matrix (F3) 9 Polyvalue Below Surface (F6) Thick Dark Surface (A11) Redox Dark Surface (F7) Tin Dark Surface (F10) Sandy Gleyed Matrix (S4)			·		_				
base: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. 2Location: PL = Pore Lining, M = Matrix. Inficators: Indicators: Histos (A1) — Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Black Hist (CA3)					_				
De: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Intic Soli Indicators: Intic Soli Indication: Intic Soli Indication			·		_				
Histosol (A1) Polyvalue Below Surface (S3) (LRR R, MLRA 149B) 2 cm Muck (A10) (LR K, L, R) Histosol (A2)	pe: C = C	Concentration, D =	Depletio	n, RM = Reduced	Matr	ix, MS = I	Masked Sand Grains. ²	Location: PL = Pore Li	ning, M = Matrix. Jematic Hydric Soils³
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)S cm Mucky Peat or Peat (S3) (LRR K, L, R) Depited Below Dark Surface (A11)Redox Dark Surface (F6)Thic Dark Surface (A12)Depited Dark Surface (F7)Thin Dark Surface (S9) (LRR K, L)Thin Dark Surface (S1) (LRR K, L)	Histoso	(A1)		Polyvalue Bel	ow Sı	urface (S	B) (LRR R, MLRA 149B)	2 cm Muck (A1)	
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) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (S9) (LRR K, L) Thick Dark Surface (A12) Depleted Dark Surface (F7) In Dark Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F12) (LRR K, L R) Sandy Medox (S5) Red A Depressions (F8) Red Parent Material (F21) Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) ficators of hydrophytic vegetation and wetland hydrology must be present; unless disturbed or problematic. trictive Layer (if observed): No Hydric Soil Present? Yes No Depth (inches): Marka Jabes observed. Refusal due to coarse fragments.	Histic Ep	pipedon (A2)		Thin Dark Su	face	(S9) (LR R	R, MLRA 149B)	Coast Prairie R	edox (A16) (LRR K. L. R)
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surface (57) (LRR K, L) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (S7) (LRR K, L) Depleted Below Dark Surface (A12) Depleted Dark Surface (F7) Tron-Manganese Masses (F12) (LRR K, L, R) Sandy Mucky Mineral (S1) Redox Depressions (F8) Mesic Spodic (TA6) (MLRA 144, 145, 149B) Sandy Redox (S5) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Type: None Hydric Soil Present? Yes No Depth (inches): And Mesic Spodic Tof hydric soils was observed. Refusal due to coarse fragments.	Black Hi	stic (A3)		Loamy Mucky	/ Mine	eral (F1) ((LRR K, L)	5 cm Mucky Pe	at or Peat (S3) (LRR K, L, R)
Dipleted Biols Usys (K3)	Hydroge	en Sulfide (A4)		Loamy Gleye	d Mat	rix (F2)		Dark Surface (S	57) (LRR K, L)
Thick Dark Surface (A12)Depleted Dark Surface (F7) Iron-Manganese Masses (F12) (LRR K, L, R) Sandy Mucky Mineral (S1) Redox Depressions (F8)Piedmont Floodpilan Soils (F19) (MLRA 144, L45, L498) Sandy Redox (S5) Mesic Spodic (TA6) (MLRA 144A, 145, 1498) Striped Matrix (S6) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 1498) Other (Explain in Remarks) licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): None Hydric Soil Present? Yes No Depth (inches): None Hydric Soil Present. positive indication of hydric soils was observed. Refusal due to coarse fragments.	Stratille Denlete	d Below Dark Surfa	ace (A11	Depieted Mar	urfac	э) е (F6)		Polyvalue Belov	w Surface (S8) (LRR K, L)
Sandy Mucky Mineral (S1)Redox Depressions (F8) iron-Manganese Masses (F12) (LRR K, I, K) Sandy Gleyed Matrix (S4) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Nerget Matrix (S6) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Mone Hydric Soil Present? Yes No< Depth (inches): Hydric Soils was observed. Refusal due to coarse fragments.	Thick Da	ark Surface (A12)		Depleted Dar	k Sur	face (F7)		Thin Dark Surfa	ace (S9) (LRR K, L)
Sandy Gleyed Matrix (S4)	Sandy N	lucky Mineral (S1)		Redox Depre	ssion	s (F8)		Iron-Manganes	e Masses (F12) (LRR K, L, R)
Sandy Redox (S5)	Sandy G	Gleyed Matrix (S4)		-				Piedmont Floor	aplain Soils (F19) (MLRA 149B)
Stripped Matrix (S6) Ked Falent Materia (C1) (Ked Falent Materia (C1) (Ked Falent Materia (C1) (Very Shallow Dark Surface (TF12) Other (Explain in Remarks) <u>licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.</u> trictive Layer (If observed): None Hydric Soil Present? Yes No	Sandy R	edox (S5)						Mesic Spould (1	A6) (MLKA 144A, 145, 149B)
Dark Surface (S7) (LRR R, MLRA 149B)Other (Explain in Remarks) licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type:None Depth (inches): narks: positive indication of hydric soils was observed. Refusal due to coarse fragments.	Stripped	d Matrix (S6)							ark Surface (TE12)
dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Depth (inches): hydric Soil Present? YesNo narks: positive indication of hydric soils was observed. Refusal due to coarse fragments.	Dark Su	rface (S7) (LRR R, M	1LRA 149	9B)				Other (Explain	in Remarks)
trictive Layer (if observed): Type: None Depth (inches): Hydric Soil Present? marks: positive indication of hydric soils was observed. Refusal due to coarse fragments.	dicators	of hydrophytic veg	etation a	and wetland hydr	ology	must be	e present, unless disturb	ed or problematic.	,
Iype: None Depth (inches):	trictive l	Layer (if observed): 							
Depth (inches): narks: positive indication of hydric soils was observed. Refusal due to coarse fragments.		Туре:		None			Hydric Soil Present?	Ye	es No 🟒
narks: positive indication of hydric soils was observed. Refusal due to coarse fragments.		Donth (inchoc)							
		Deptil (inches).							
	arks: lositive	indication of hydri	c soils w	vas observed. Ref	usal d	lue to co	arse fragments.		
	arks: positive	indication of hydri	c soils w	vas observed. Ref	usal d	lue to co	arse fragments.		
	arks: positive	indication of hydri	c soils w	vas observed. Ref	usal d	lue to co	arse fragments.		
	arks: positive	indication of hydri	c soils w	vas observed. Ref	usal d	lue to co	arse fragments.		
	narks: positive	indication of hydri	c soils w	vas observed. Ref	usal d	lue to co	arse fragments.		
	positive	indication of hydri	c soils w	vas observed. Ref	usal d	lue to co	arse fragments.		
	narks: positive	indication of hydri	c soils w	vas observed. Ref	usal c	lue to co	arse fragments.		



Photo of Sample Plot East



Photo of Sample Plot West

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Mill Point	t	(City/County:	Fultonville, M	/lont	gomery		Sampling Date:	2020-Nov-05
Applicant/Owner: C	onnectGen					State: NY		Sampling Point: <u>\</u>	N-KCF-11_PEM-1
Investigator(s): Kevin Ferguson , Giovanni Pambianchi					Sect	ion, Township, Ra	nge: N	/Α	
Landform (hillslope, te	rrace, etc.):	Swale		Local re	lief	(concave, convex	, none):	Concave	Slope (%): 1 to 3
Subregion (LRR or MLR	RA): MLR/	A 144A of LRR R		L	.at:	42.89731601	Long:	-74.36626409	Datum: WGS84
Soil Map Unit Name:	llion silt loan	n, 3 to 8 percent :	slopes					NWI classific	ation: None
Are climatic/hydrologic	conditions or	n the site typical f	or this time o	of year?		Yes 🟒 No 🔄	(If no	o, explain in Remar	rks.)
Are Vegetation, Are Vegetation,	Soil, Soil,	or Hydrology or Hydrology	significantl naturally p	ly disturbed? roblematic?		Are "Normal ((If needed, ex	Circumst plain an	tances" present? y answers in Rema	Yes 🟒 No arks.)

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

Hydrophytic Vegetation Present?	Yes 🟒 No									
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No							
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-KCF-11							
Remarks: (Explain alternative procedures he	Remarks: (Explain alternative procedures here or in a separate report)									
Covertype is PEM. Area is wetland, all three wetland parameters are present.										

HYDROLOGY

Wetland Hydrology Indicators:						
Primary Indicators (minimum of or	<u>ne is required; check all th</u>	nat apply)		Secondary Indicators (minimum of two required)		
 ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Im. Sparsely Vegetated Concave Summer Sparsely Vegetated Concave Sparsely Vegetated Concave Summer Sparsely Vegetated Concave Summer Sparsely Vegetated Concave Sparsel	 ✓ Water-S Aquatic Marl De Hydroge Oxidized Presenc Recent I Thin Mu agery (B7) Other (E 	oots (C3) 5 (C6)	 			
Field Observations: Surface Water Present?	Yes 🟒 No	Depth (inches):	3	_		
Water Table Present?	Yes 🟒 No	Depth (inches):	0	Wetland Hydrology Present? Yes No		
Saturation Present?	Yes 🟒 No	Depth (inches):	0	_		
(includes capillary fringe)						
Describe Recorded Data (stream g Remarks: The criterion for wetland hydrolog	auge, monitoring well, ae	rial photos, previous inspec	tions), if	available:		

VEGETATION -- Use scientific names of plants.

Sampling Point: W-KCF-11_PEM-1

1. 4. Number of Dominant Species That 1 (A) 2. Total Number of Dominant Species 1 (B) 3. Arc 058, IAXW, or FAC: 100 (A) 5. Prevalence Index worksheet 100 (A) 6. Total Species That 100 (A) 7. Total Species That 100 (A) 8. Total Species That 100 (A) 7. Total Species That 100 (A) 7. Total Species That 100 (A) 8. Total Species That 100 (A) 8. Total Species That 100 (A) 9. <	Tree Stratum (Plot size: 30 ft)	Absolute	Dominant	Indicator	Dominance Test worksheet:		
1.		% Cover	Species?	Status	Number of Dominant Species T	^{iat} 1	(A)
2.	1	·			Total Number of Dominant Spe	ies	
5.	2.	·			Across All Strata:	1	(B)
Are OBL, FAC(W, or FAC): 100 (Vb) 6. Image: Construction of hydrophytic vegetation indicators: Image: Construction of hydrophytic vegetation indicators: 7. 0 = Total Cover FAC Species 0 x 2 = 0 1. 0 = Total Cover FAC Species 0 x 3 = 0 3. 0 = Total Cover FAC Species 0 x 4 = 0 3. 0 = Total Cover FAC Species 0 x 5 = 0 6. 0 = Total Cover Hydrophytic Vegetation Indicators: 2 1 1 7. 0 = Total Cover Hydrophytic Vegetation Indicators: 2 1 1 2 2 0 1 1. Lexisi onzoides 80 Yes OBL 4 2 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5				Percent of Dominant Species Th	at 100	(A (D)
A Prevalence index worksheet: 7. 0 = Total Cover 7. 0 = Total Cover Sapling/Shrub Stratum (Plot size: _15.ft_) 0 = Total Cover 1. 0 = Total Cover PAC species 0 x 3 = 0 2. 0 x 3 = 0 x 4 = 0 0 x 3 = 0 2. 0 x 4 = 0 VPL species 0 x 5 = 0 0 x 5 = 0 Colum Totals 85 (A) 85 (B) 85 (A) 85 (B) VPL species 0 x 5 = 0 Colum Totals 85 (A) 85 (B) VPL species 0 x 5 = 0 Colum Totals S 7 0 2 Colum Totals S 7 0 2 1 1 2 0 S 7 0 2 3 7 2 0 1 2 0 1 2 1 1 2 3 7 2 0 1 1 2 3 7 2 <td>4</td> <td></td> <td></td> <td></td> <td>Are OBL, FACW, or FAC:</td> <td></td> <td>(A/B)</td>	4				Are OBL, FACW, or FAC:		(A/B)
o Total & Scover of. Multiply By: 0 = Total Cover RACW species 85 x1 = 85 1	з. с	- <u> </u>			Prevalence Index worksheet:		
0 = Total Cover OBL species 85 x 1 = 85 Sapling/Shrub Stratum (Plot size: _15 ft_) - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - <td>7</td> <td>- <u> </u></td> <td></td> <td></td> <td>Total % Cover of:</td> <td><u>Multiply</u></td> <td><u>By:</u></td>	7	- <u> </u>			Total % Cover of:	<u>Multiply</u>	<u>By:</u>
Sapling/Shrub Stratum (Plot size: _15 ft_)	/·		= Total Cove	ar	OBL species 85	x 1 =	85
Japang Shirub Stratum (Plot Size:	Sapling/Shrub Stratum (Plot size: 15 ft)	0		.1	FACW species 0	x 2 =	0
FACU species 0 x 4 = 0 3. 0 x 5 = 0 3. 0 x 5 = 0 3. 0 x 5 = 0 4. 0 x 5 = 0 5. 0 x 5 = 0 6. 0 x 5 = 0 7. 0 = Total Cover - - Herb Stratum (Plot size:Sf) 0 = Total Cover - - 1. Leersia aryzoides 80 Yes OBL - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - <td><u>sapiing/sinub stratum</u> (Flot size. <u>15 it</u>)</td> <td></td> <td></td> <td></td> <td>FAC species 0</td> <td>x 3 =</td> <td>0</td>	<u>sapiing/sinub stratum</u> (Flot size. <u>15 it</u>)				FAC species 0	x 3 =	0
2.	1				FACU species 0	x 4 =	0
5. Column Totals 85 (A) 85 (B) 6.	2.	·			UPL species 0	x 5 =	0
4.	3	·			Column Totals 85	(A)	85 (B)
5.	4.	- <u> </u>			Prevalence Index = B/	<u>۱ = 1</u>	
0 = Total Cover 4 2 - Dominance Test is >50% 2.	5.	- <u> </u>			Hydrophytic Vegetation Indicato	rs:	
1.	6.					tic Vegetatior	ı
Herb Stratum (Plot size: _5f)	7				2 - Dominance Test is >509)	
Herb Stratum (Plot size:		0	= Total Cove	er	\checkmark 3 - Prevalence Index is \leq 3	.0 ¹	
1. Leersia oryzoides 80 Yes OBL 2. Lythrum salicaria 5 No OBL Problematic Hydrophytic Vegetation1 (Explain) 3.	<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				4 - Morphological Adaptati	ons¹ (Provide	supporting
2. Lythrum salicaria 5 No OBL Problematic Hydrophytic Vegetation1 (Explain) 3.	1. <u>Leersia oryzoides</u>	80	Yes	OBL	data in Remarks or on a separa	e sheet)	
3.	2. Lythrum salicaria	5	No	OBL	Problematic Hydrophytic \	egetation ¹ (E)	kplain)
4.	3				¹ Indicators of hydric soil and we	land hydrolo	gy must be
5.	4	. <u> </u>			present, unless disturbed or pro	blematic	
6.	5				Definitions of Vegetation Strata		
7	6				Tree – Woody plants 3 in. (7.6 cr	ı) or more in	diameter at
8.	7				breast height (DBH), regardless	of height.	
9 greater than or equal to 3.28 ft (1 m) tall. 10	8				Sapling/shrub – Woody plants le	ss than 3 in. [DBH and
10.	9				greater than or equal to 3.28 ft	1 m) tall.	
11.	10	<u> </u>			Herb – All herbaceous (non-woo	dy) plants, re	gardless of
12.	11				size, and woody plants less than	3.28 ft tall.	00 ft 1
Woody Vine Stratum (Plot size: _30 ft)	12				Woody vines – All woody vines g	reater than 3	.28 ft in
Woody Vine Stratum (Plot size:30 ft)		85	= Total Cove	er	Teight.		
1.	<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)				Hydrophytic Vegetation Presen	? Yes 🖌 N	No
2.	1						
3.	2						
4. 0 = Total Cover Remarks: (Include photo numbers here or on a separate sheet.) A positive indication of hydrophytic vegetation was observed (>50% of dominant species indexed as OBL, FACW, or FAC).	3.						
0 = Total Cover Remarks: (Include photo numbers here or on a separate sheet.) A positive indication of hydrophytic vegetation was observed (>50% of dominant species indexed as OBL, FACW, or FAC).	4.						
Remarks: (Include photo numbers here or on a separate sheet.) A positive indication of hydrophytic vegetation was observed (>50% of dominant species indexed as OBL, FACW, or FAC).		0	= Total Cove	er			
A positive indication of hydrophytic vegetation was observed (>50% of dominant species indexed as OBL, FACW, or FAC).	Remarks: (Include photo numbers here or on a conare	to sheet)	-				
A positive indication of hydrophytic vegetation was observed (>30% of dominant species indexed as OBL, FACW, of FAC).	A positive indication of hydrophytic vegetation was ob	convod (SEC	104 of domina	ont chocies	indexed as OPL EACW or EAC		
	A positive indication of hydrophytic vegetation was ob	sei veu (>50		ant species	Indexed as ODL, FACVV, OF FAC).		

SOIL

ches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
) - 6	10YR 3/1	95	10R 4/6	5	С	Μ	Clay	
- 20	10YR 4/1	80	10R 4/6	20	C	M/PL	Clay	
e: C = C	oncentration, D =	Deple	tion, RM = Reduc	ed Ma	atrix, MS :	= Masked S	and Grains. ² Lo	cation: PL = Pore Lining, M = Matrix.
ic Soil I	ndicators:							Indicators for Problematic Hydric Soils ³ :
Hydroge Stratifie Deplete Thick Da Sandy M Sandy G Sandy R Stripped Dark Su	en Sulfide (A4) d Layers (A5) d Below Dark Surf ark Surface (A12) lucky Mineral (S1) ileyed Matrix (S4) edox (S5) d Matrix (S6) rface (S7) (LRR R, I	äce (A MLRA 1	Loamy file Loamy Gley Depleted M 11) / Redox Darl Depleted D Redox Dep	yed M latrix k Surf Oark Si oressic	latrix (F2) (F3) ace (F6) urface (F5) ons (F8)	7)		 S CM MUCKY Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
icators	of hydrophytic veg	getatio	n and wetland hy	/drolo	gy must	be present	, unless disturbed	l or problematic.
trictive l	ayer (if observed)	:				1		·
	Туре:		None	_		Hydric So	il Present?	Yes 🟒 No
	Depth (inches):							
ositive ir	ndication of hydric	: soil w	as observed.					



Photo of Sample Plot East



Photo of Sample Plot West

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Mill Point City/County: A				Fultonville, Montgomery				Sampling Date: 2020-Nov-05	
Applicant/Owner: ConnectGen				State: NY			Sampling Point: W-KCF-11_UPL-1		
Investigator(s): Kevin Ferguson , Giovanni Pambianchi						on, Township, Ra	nge: N	/Α	
Landform (hillslope, te	rrace, etc.):	Hillslope		Local rel	lief (concave, convex	, none):	Convex	Slope (%): 2 to 5
Subregion (LRR or MLR	RA): MLRA	A 144A of LRR R		La	at:	42.89725253	Long:	-74.36619115	Datum: WGS84
Soil Map Unit Name:	llion silt loam	n, 3 to 8 percent	slopes					NWI classific	ation: None
Are climatic/hydrologic	conditions or	the site typical f	for this time o	of year?		Yes 🟒 No 🔄	(If no	, explain in Rema	rks.)
Are Vegetation, Are Vegetation,	Soil, Soil,	or Hydrology or Hydrology	significant naturally p	ly disturbed? problematic?		Are "Normal ((If needed, ex	Circumst plain an	tances" present? y answers in Rem	Yes 🟒 No arks.)

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

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

HYDROLOGY

Wetland Hydrology Indicators:					
Primary Indicators (minimum of one is re	equired; check all t	<u>hat apply)</u>	Secondary Indicators (minimum of two required)Surface Soil Cracks (B6)Drainage Patterns (B10)Moss Trim Lines (B16)Dry-Season Water Table (C2)Crayfish Burrows (C8)Saturation Visible on Aerial Imagery (C9)Stunted or Stressed Plants (D1)Geomorphic Position (D2)Shallow Aquitard (D3)Microtopographic Relief (D4)FAC-Neutral Test (D5)		
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery I Sparsely Vegetated Concave Surface 	Water- Aquati Marl D Hydrog Oxidize Presen Recent Thin M (B7) Other ((B8)	Stained Leaves (B9) c Fauna (B13) eposits (B15) gen Sulfide Odor (C1) ed Rhizospheres on Living Roots (C3) ice of Reduced Iron (C4) : Iron Reduction in Tilled Soils (C6) luck Surface (C7) (Explain in Remarks)			
Field Observations:					
Surface Water Present? Yes	No 🟒	Depth (inches):	_		
Water Table Present? Yes	No 🟒	Depth (inches):	Wetland Hydrology Present? Yes Notes Notes Notes Notes Notes Notes Notes and the set of th	→_C	
Saturation Present? Yes	No 🟒	Depth (inches):			
(includes capillary fringe)					
Describe Recorded Data (stream gauge,	monitoring well, a	erial photos, previous inspections), if	available:		
Remarks:					
The criterion for wetland hydrology is no	ot met.				

VEGETATION -- Use scientific names of plants.

Sampling Point: W-KCF-11_UPL-1

<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works	sheet: Species That	2	
1. Populus tremuloides	15	Yes	FACU	Are OBL, FACW, or FAC		2	(A)
2.				Total Number of Domi	nant Species	6	(B)
3.				Across All Strata:			(D)
4.		· ·		Percent of Dominant S	pecies That	33.3	(A/B)
5.		· ·		Are OBL, FACW, or FAC			(,,,,,,)
6.		· ·		 Prevalence Index work 	sheet:		
7.		· ·		- <u>Total % Cover</u>	<u>of:</u>	<u>Multiply</u>	<u>By:</u>
· · · · · · · · · · · · · · · · · · ·	15	= Total Cov	er	- OBL species	0	x 1 =	0
Sanling/Shruh Stratum (Plot size: 15 ft)	-15	_		FACW species	15	x 2 =	30
1 Lonicera morrowii	15	Ves	FACU	FAC species	10	x 3 =	30
2 Phampus cathartica	10	Voc	FAC	FACU species	62	x 4 =	248
	10	163	FAC	- UPL species	0	x 5 =	0
3				Column Totals	87	(A)	308 (B)
4.		·		Prevalence l	ndex = B/A =	3.5	
5.				- Hydrophytic Vegetatio	n Indicators:		
6.				1- Rapid Test for	Hydrophytic V	/egetatior	า
7				2 - Dominance Te	est is > 50%	0	
	25	= Total Cov	er	3 - Prevalence Inc	dex is $\leq 3.0^1$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				4 - Morphologica	Adaptations	¹ (Provide	supporting
1. <i>Solidago altissima</i>	20	Yes	FACU	- data in Remarks or on	a separate sh	neet)	11 0
2. Lonicera morrowii	10	Yes	FACU	Problematic Hyd	rophytic Vege	tation ¹ (Ex	kplain)
3. <i>Cornus alba</i>	10	Yes	FACW	¹ Indicators of hydric so	oil and wetlan	d hydrolo	gy must be
4. <i>Lysimachia nummularia</i>	5	No	FACW	present, unless disturb	bed or problei	matic	
5. <i>Galium triflorum</i>	2	No	FACU	Definitions of Vegetati	on Strata:		
6				Tree – Woody plants 3	in. (7.6 cm) or	r more in	diameter at
7.				breast height (DBH), re	egardless of h	eight.	
8.				Sapling/shrub - Wood	y plants less t	han 3 in. l	DBH and
9.				greater than or equal t	to 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous	(non-woody)	plants, re	gardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines – All woo	dy vines great	ter than 3	.28 ft in
	47	= Total Cov	er	height.			
Woody Vine Stratum (Plot size: 30 ft)		-		Hydrophytic Vegetatio	on Present?	/es N	No 🖌
1.							
2		<u> </u>		-			
3		·		-			
		<u> </u>		-			
4		- Tatal Cau		-			
	U		er				
Remarks: (Include photo numbers here or on a separ No positive indication of hydrophytic vegetation was	ate sheet.) observed (≥	50% of dom	ninant specie	es indexed as FAC– or dr	ier).		

SOIL

Color 0 - 8 10Y 3 - 20 10Y	(moist) % 'R 3/2 100 'R 4/2 60	Color (moist)	%				
0 - 8 10Y	<u>(R 3/2 100</u> (R 4/2 60	1		Type ¹	Loc ² Te	xture	Remarks
3 - 20 10Y	<u>'R 4/2 60</u>				Silt	Loam	
		10YR 5/8	40	D	M Silty C	lay Loam	
	·						
					·		
			— -				
			— -				
					An also al Cara di Cara in an al	Lessting DL Deve Lining M	Markaise
be: C = Concentr	ation, D = Deple	tion, RM = Reduced	Matri	x, MS = I	Vlasked Sand Grains. 4	Location: PL = Pore Lining, M =	Matrix.
ric Soll Indicato	rs:	Dobarokuo Do		rface (C		Indicators for Problematic F	hydric Solis ³ :
Histic Eninedon	(42)	Thin Dark Su	rface (59) (I BB	\mathbf{R} MIRA 149D)	2 cm Muck (A10) (LRR K,	L, MLRA 149B)
Black Histic (A3)	(12)	Loamy Muck	v Mine	eral (F1) ('LRR K. L)	Coast Prairie Redox (A16	
Hydrogen Sulfid	e (A4)	Loamy Gleye	d Matr	rix (F2)		5 cm Mucky Peat or Pea	t (53) (LRR K, L, R)
Stratified Layers	(A5)	Depleted Ma	trix (F3	3)		Polyvalue Below Surface	, ⊑) ≥ (S8) (I RR K. I)
Depleted Below	Dark Surface (A	11) Redox Dark S	Surface	e (F6)		Thin Dark Surface (S9) (L	.RR K, L)
Thick Dark Surfa	ice (A12)	Depleted Da	rk Surf	ace (F7)		Iron-Manganese Masses	s (F12) (LRR K, L, R)
Sandy Mucky Mi	neral (ST)	Redox Depre	essions	5 (F8)		Piedmont Floodplain So	ils (F19) (MLRA 149B
Sandy Redox (Se	aurix (54)					Mesic Spodic (TA6) (MLR	A 144A, 145, 149B)
Stripped Matrix)) (S6)					Red Parent Material (F2	1)
Dark Surface (S7	() (I RR R. MI RA	149B)				Very Shallow Dark Surfa	ce (TF12)
	,, ,	- ,				Other (Explain in Remar	KS)
dicators of hydro	phytic vegetatic	on and wetland hyd	rology	must be	e present, unless disturb	ed or problematic.	
strictive Layer (if	observed):						
Type:		None			Hydric Soil Present?	Yes N	lo
Depth (i	nches):						





Photo of Sample Plot East



Photo of Sample Plot West

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Mill Point		Fultonville, Montgomery			Sampling Date: 2020-Nov-05		
Applicant/Owner: Conne	State: NY			Sampling Point: W-KCF-12_PEM-1			
Investigator(s): Kevin Fe	rguson , Giovanni Pamb	anchi	Sect	ion, Township, Ra	nge: N	/Α	
Landform (hillslope, terrac	e, etc.): Swale		Local relief	(concave, convex,	none):	Concave	Slope (%): 1 to 3
Subregion (LRR or MLRA):	MLRA 144A of LRR	R	Lat:	42.90778121	Long:	-74.37325878	Datum: WGS84
Soil Map Unit Name: Mo	ohawk silt loam, 8 to 15	percent slopes				NWI classificati	on: None
Are climatic/hydrologic cor	nditions on the site typic	al for this time of	f year?	Yes 🟒 No 🔄	(If no	o, explain in Remarks	.)
Are Vegetation, Soil Are Vegetation, Soil	I, or Hydrology _ I, or Hydrology _	significantly naturally pr	/ disturbed? oblematic?	Are "Normal C (If needed, ex	Circumst plain an	tances" present? y answers in Remark	Yes 🟒 No s.)

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

Hydrophytic Vegetation Present?	Yes 🟒 No									
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No							
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-KCF-12							
Remarks: (Explain alternative procedures here or in a separate report)										
Covertype is PEM. Area is wetland, all three wetland parameters are present.										

HYDROLOGY

Wetland Hydrology Indicators:								
Primary Indicators (minimum of	<u>one is re</u>	quire	ed; check all	<u>that apply)</u>		Secondary Indicators (minimum of two required)		
✓ Surface Water (A1) ✓ Water-Stained Leaves (B9) ✓ High Water Table (A2) Aquatic Fauna (B13) ✓ Saturation (A3) Marl Deposits (B15) Water Marks (B1) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roo Drift Deposits (B3) ✓ Presence of Reduced Iron (C4) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (Iron Deposits (B5) ✓ Thin Muck Surface (C7) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8)						 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations:								
Surface Water Present?	Yes _		No	Depth (inches):	2	_		
Water Table Present?	Yes _	<u>/</u> [No 0/	Depth (inches):	0	Wetland Hydrology Present? Yes No		
Saturation Present?	Yes _	<u>/</u>	No 0V	Depth (inches):	0			
(includes capillary fringe)						<u> </u>		
Describe Recorded Data (stream	gauge, r	noni	toring well, a	aerial photos, previous inspe	ctions), if	available:		
Remarks:								
The criterion for wetland hydrolo	gy is me	t.						

VEGETATION -- Use scientific names of plants.

Sampling Point: W-KCF-12_PEM-1

<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That	1	(A)
1				Are OBL, FACW, or FAC:		
2				Total Number of Dominant Species	1	(B)
3				Percent of Dominant Species That		
4.				- Are OBL, FACW, or FAC:	100	(A/B)
5.		<u> </u>		Prevalence Index worksheet:		
6.				- <u>Total % Cover of:</u>	<u>Multiply B</u>	<u>y:</u>
7				– OBL species 10	x 1 =	10
	0	= Total Cov	er	FACW species 80	x 2 =	160
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species 0	x 3 =	0
1				– FACU species 0	x 4 =	0
2				– UPL species 0	x 5 =	0
3				– Column Totals 90	(A)	170 (B)
4				Prevalence Index = B/A =	1.9	170 (8)
5						
6				Hydrophytic Vegetation Indicators.	logatation	
7				· I- Rapid Test for Hydrophylic V	regetation	
	0	= Total Cov	er	2 - Dominance Test is >50%		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)		_		3 - Prevalence index is $\leq 3.0^{\circ}$	1 (Dura dala a	
1. Phalaris arundinacea	80	Yes	FACW	4 - Morphological Adaptations	' (Provide si	upporting
2. Lythrum salicaria	10	No	OBL	Droblomatic Hydrophytic Voga	tation1 (Evr	lain)
3.				Problematic Hydrophytic vege		nairi)
4.				present unless disturbed or proble	matic	y must be
5.				Definitions of Vegetation Strata:	matic	
6				Tree Woody plants 3 in (7.6 cm) o	r moro in di	inmotor at
7				_ hreast height (DBH) regardless of h	eight	ameter at
8		·		Sapling/shrub - Woody plants less t	han 3 in DF	BH and
9				greater than or equal to 3.28 ft (1 m	ı) tall.	birtana
10				Herb – All herbaceous (non-woody)	plants, rega	ardless of
11		·		size, and woody plants less than 3.2	28 ft tall.	
12		·		- Woody vines – All woody vines grea	ter than 3.2	8 ft in
12		Tabal Car		height.		
	90	= lotal Cov	er	Hydrophytic Vegetation Present?	Yes 🖌 No)
Woody Vine Stratum (Plot size: <u>30 ft</u>)				injurophytic vegetation resent.		
1.				-		
2				_		
3				_		
4				_		
	0	= Total Cov	er			
Remarks: (Include photo numbers here or on a sep A positive indication of hydrophytic vegetation was	o <mark>arate sheet.)</mark> s observed (>50)% of domir	ant species	s indexed as OBL, FACW, or FAC).		
			· · · ·			

SOIL

Profile Des	scription: (Describe	to the ϕ	depth needed to	docur	ment the	indicato	r or confirm the	e absence of indicator	s.)
Depth	Matrix		Redo	x Fea	tures				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	т	exture	Remarks
0 - 1	10YR 3/2	100					Muck	y Silt Loam	
1 - 16	10YR 3/1	90	10R 4/6	10	С	M/PL	Silty	Clay Loam	
16 - 20	10B 5/1	80	10R 4/6	20	С	M/PL		Clay	
				—					
				· <u> </u>					
				· —					
				· <u> </u>					
	D								
¹ Type: C =	Concentration, $D =$	Deplet	ion, RM = Reduce	d Ma	trix, MS =	= Masked	Sand Grains.	² Location: PL = Pore I	-ining, M = Matrix.
Hydric Soil	Indicators:				_			Indicators for Pro	blematic Hydric Soils ³ :
Histoso	ol (A1)		Polyvalue B	elow !	Surface ((S8) (LRR	R, MLRA 149B)	2 cm Muck (A	10) (LRR K, L, MLRA 149B)
Histic E	Epipedon (A2)		Thin Dark S	urface	2 (S9) (LR	R R, MLR	A 149B)	Coast Prairie	Redox (A16) (LRR K, L, R)
Black F	listic (A3)		Loamy Muc	KY MII	neral (Fi) (LRR К, I	L)	5 cm Mucky P	eat or Peat (S3) (LRR K, L, R)
Hyurog	gen Suitide (A4)		Loany Gley	ea ivid	atrix (F∠) (E2)			Dark Surface	(S7) (LRR K, L)
Su aum Deplet	ed Layers (75) ed Relow Dark Surf.	are (A1	1) Z Redox Dark	Surf:	,F3) 200 (F6)			Polyvalue Bel	ow Surface (S8) (LRR K, L)
Thick D	Dark Surface (A12)		Depleted Da	ark Si	irface (F	7)		Thin Dark Sur	face (S9) (LRR K, L)
Sandy	Mucky Mineral (S1)		Redox Depr	ressio	ns (F8)	,		Iron-Mangane	ese Masses (F12) (LRR K, L, R)
Sandy	Gleved Matrix (S4)			0000	10 (,			Piedmont Flo	odplain Soils (F19) (MLRA 149B)
Sandy	Redox (S5)							Mesic Spodic	(TA6) (MLRA 144A, 145, 149B)
Strippe	Matrix (S6)							Red Parent M	aterial (F21)
Dark S	urface (S7) (LRR R, N	۸LRA 1	49B)					Very Shallow Other (Explain	Dark Surface (TF12) n in Remarks)
³ Indicators	s of hydrophytic yea	retatior	hand wetland hvo	drolo	øv must !	he preser	nt. unless distu	rhed or problematic.	
Restrictive	l aver (if observed)	•	Turia Wettaria	110.00	<u>y</u> mase			bed of prosteniaes.	
Neourcuve	Tuna.	•	None			Hydric	Coil Dresent?		Voc / No
	Type.		NUTE	•		i iyune .	SUIL FLESENCE		
Dever entres	Depth (inches).								
A positive	indication of hydric	soil wa	as observed.						
1									



Photo of Sample Plot East



Photo of Sample Plot West

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Mill Point	t		City/County:	Fultonville, N	lontgome	ery		Sampling Date:	2020-Nov-05
Applicant/Owner: C	onnectGen				Sta	ate: NY		Sampling Point: \	N-KCF-12_UPL-1
Investigator(s): Kevi	Investigator(s): Kevin Ferguson , Giovanni Pambianchi Section, Township, Range: N/A								
Landform (hillslope, te	rrace, etc.):	Flood Plain		Local rel	lief (conca	ave, convex	, none):	Concave	Slope (%): 2 to 5
Subregion (LRR or MLF	RA): MLRA	A 144A of LRR R		La	at: 42.90	770771	Long:	-74.37325856	Datum: WGS84
Soil Map Unit Name:	Mohawk silt	loam, 8 to 15 pe	rcent slopes					NWI classific	ation: None
Are climatic/hydrologie	c conditions or	the site typical	for this time	of year?	Yes	🖌 No	(If no	, explain in Remai	rks.)
Are Vegetation, Are Vegetation,	Soil, Soil,	or Hydrology or Hydrology	significant naturally p	ly disturbed? problematic?	Ar (If	e "Normal (needed, ex	Circumst plain an	ances" present? y answers in Rema	Yes 🟒 No arks.)

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

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes 🯒 No
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-KCF-12
Remarks: (Explain alternative procedures	here or in a separate repor	t)	
Covertype is UPL. Area is upland, not all th	nree wetland parameters a	re present. Circumstances are not normal due to	o mowing of vegetation.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one	Secondary Indicators (minimum of two required)		
		ained Leaves (B9) Fauna (B13) posits (B15) n Sulfide Odor (C1) Rhizospheres on Living Roots (C3) e of Reduced Iron (C4) on Reduction in Tilled Soils (C6) ck Surface (C7) kplain in Remarks)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:			
Surface Water Present?	Yes No 🟒	Depth (inches):	
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present? Yes No
Saturation Present?	Yes No 🟒	Depth (inches):	
(includes capillary fringe)			
Describe Recorded Data (stream ga	uge, monitoring well, aer	ial photos, previous inspections), if	available:
Remarks:			
The criterion for wetland hydrology	is met.		

VEGETATION -- Use scientific names of plants.

Sampling Point: W-KCF-12_UPL-1

Tree Stratum (Plot size: 20 ft.)	Absolute	Dominant	Indicator	Dominance Test workshe	et:		
	% Cover	Species?	Status	Number of Dominant Spe	ecies That	2	(A)
1				Are OBL, FACW, or FAC:			
2				Total Number of Domina	nt Species	2	(B)
3.				Across All Strata:			
4.				Percent of Dominant Spe	cies That	100	(A/B)
5.				Are OBL, FACW, or FAC.	t		
6.				Tetel % Cover of	eet:	N 4 Ini	D
7.				- <u>Iotal % Cover oi</u>	<u>.</u>		<u>By:</u>
	0	= Total Cov	er		0	x I = _	0
Sapling/Shrub Stratum (Plot size: 15 ft)		-			35	x 2 =	70
1.				FAC species	15	x 3 =	45
2		·		FACU species	5	x 4 =	20
		<u> </u>		- UPL species	0	x 5 =	0
Δ				- Column Totals	55	(A)	135 (B)
т. 		·		Prevalence Inde	ex = B/A =	2.5	
				Hydrophytic Vegetation I	ndicators:		
o				1- Rapid Test for Hy	drophytic V	egetation/	1
7				2 - Dominance Test	is >50%		
	0	= lotal Cov	er	3 - Prevalence Index	(is ≤ 3.0 ¹		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				4 - Morphological A	daptations	(Provide	supporting
1. <u>Phalaris arundinacea</u>	30	Yes	FACW	- data in Remarks or on a s	separate sh	leet)	
2. <i>Festuca paradoxa</i>	15	Yes	FAC	Problematic Hydrop	hytic Vege	tation ¹ (Ex	(plain)
3. Heracleum maximum	5	No	FACW	¹ Indicators of hydric soil a	and wetlan	d hydrolo	gy must be
4. Sonchus arvensis	5	No	FACU	present, unless disturbed	l or problei	matic	
5				Definitions of Vegetation	Strata:		
6				Tree – Woody plants 3 in.	(7.6 cm) or	r more in o	diameter at
7				breast height (DBH), rega	rdless of h	eight.	
8				Sapling/shrub - Woody p	lants less t	han 3 in. [OBH and
9.				greater than or equal to 3	3.28 ft (1 m) tall.	
10.				Herb – All herbaceous (no	on-woody)	plants, reg	gardless of
11.				size, and woody plants le	ss than 3.2	8 ft tall.	
12.				Woody vines – All woody	vines great	ter than 3	.28 ft in
	55	= Total Cov	er	height.			
Woody Vine Stratum (Plot size: 30 ft)		_		Hydrophytic Vegetation	Present?	/es 🟒 N	lo
1.							
2		·		-			
		<u> </u>		-			
		·		-			
···		- Total Cov	or	-			
	0		EI				
Remarks: (Include photo numbers here or on a sepa	arate sheet.)						
A positive indication of hydrophytic vegetation was	observed (>50)% of domin	ant species	indexed as OBL, FACW, or F	FAC).		

SOIL

Color (moist) - 20 10YR 3/2	% Color (moist)			
- 20 10YR 3/2	400	<u>% Type¹ L</u>	.oc ² Tex	ture Remarks
	100		Slity Cla	ay Loam
			· -	
e: C = Concentration, D =	Depletion, RM = Reduced N	latrix, MS = Ma	asked Sand Grains. ² L	Location: PL = Pore Lining, M = Matrix.
ric Soil Indicators:	Debaselyse Deba			Indicators for Problematic Hydric Soils ³ :
HISTOSOI (A1) Histic Eninedon (A2)	Polyvalue Belov Thin Dark Surfa	w Surface (S8)	(LRR R, MLRA 149B) MI RA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Black Histic (A3)	Loamy Mucky N	Mineral (F1) (LF	R K, L)	Coast Prairie Redox (A16) (LRR K, L, R)
Hydrogen Sulfide (A4)	Loamy Gleyed	Matrix (F2)		5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
stratified Layers (A5)	Depleted Matri	x (F3)		Polyvalue Below Surface (S8) (I RR K 1)
Depleted Below Dark Surf	ace (A11) Redox Dark Sur	rface (F6)		Thin Dark Surface (S9) (LRR K. L)
hick Dark Surface (A12)	Depleted Dark	Surface (F7)		Iron-Manganese Masses (F12) (LRR K, L, R)
andy Mucky Mineral (S1)	Redox Depress	sions (F8)		Piedmont Floodplain Soils (F19) (MLRA 149I
Sandy Gleyed Matrix (S4)				Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy Redox (S5)				Red Parent Material (F21)
Stripped Matrix (S6)				Very Shallow Dark Surface (TF12)
Dark Surface (S7) (LRR R, I	MLRA 149B)			Other (Explain in Remarks)
icators of hydrophytic veg	getation and wetland hydrol	logy must be p	resent, unless disturb	ed or problematic.
rictive Layer (if observed)):			
Туре:	None	F	lydric Soil Present?	Yes No
Depth (inches):				
positive indication of hydr	ic soils was observed.			



Photo of Sample Plot East





Photo of Sample Plot West

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Mill Point	t		City/County:	Fultonville, Mo	ontgomery		Sampling Date:	2020-Nov-05
Applicant/Owner: C	onnectGen				State: NY		Sampling Point: W	-KCF-13_PEM-1
Investigator(s): Kevi	Investigator(s): Kevin Ferguson , Giovanni Pambianchi Section, Township, Range: N/A							
Landform (hillslope, te	rrace, etc.):	Swale		Local reli	ef (concave, conve	x, none):	Concave	Slope (%): 2 to 5
Subregion (LRR or MLF	RA): MLRA	A 144A of LRR R		La	t: 42.910427	Long:	-74.374034	Datum: WGS84
Soil Map Unit Name:	Appleton silt	loam, 3 to 8 per	cent slopes				NWI classifica	tion: None
Are climatic/hydrologic	conditions or	the site typical f	for this time o	of year?	Yes 🟒 No _	(If no	o, explain in Remark	(S.)
Are Vegetation, Are Vegetation,	Soil, Soil,	or Hydrology or Hydrology	significantl naturally p	ly disturbed? problematic?	Are "Normal (If needed, e	Circums xplain an	tances" present? ly answers in Rema	Yes 🟒 No rks.)

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

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-KCF-13
Remarks: (Explain alternative procedures he	re or in a separate report)	
Covertype is PEM. Area is wetland, all three	wetland parameters are p	resent.	

HYDROLOGY

Wetland Hydrology Indicators:		
Primary Indicators (minimum of one is require	<u>ed; check all that apply)</u>	Secondary Indicators (minimum of two required)
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) 	 Surface Soil Cracks (B6) ✓ Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) ✓ Geomorphic Position (D2) Shallow Aquitard (D3) ✓ FAC-Neutral Test (D5) 	
Field Observations:		
Surface Water Present? Yes	No 🟒 Depth (inches):	
Water Table Present? Yes 🟒	No Depth (inches):	4 Wetland Hydrology Present? Yes _ Mo
Saturation Present? Yes 🖌	No Depth (inches):	0
(includes capillary fringe)		
Describe Recorded Data (stream gauge, moni	toring well, aerial photos, previous inspe	nspections), if available:
Remarks:		
The criterion for wetland hydrology is met.		

VEGETATION -- Use scientific names of plants.

Sampling Point: W-KCF-13_PEM-1

Tree Stratum (Plot size: <u>30 ft</u>)	Absolute % Cover	Dominant	Indicator	Dominance Test workshe	eet:		
1	% Cover	species:	Status	Are OBL FACW or FAC:		3	(A)
1		·		Total Number of Domina	int Species		
2		<u> </u>		Across All Strata:		4	(B)
з. л		·		Percent of Dominant Spe	ecies That	75	(A/R)
т. 		·		Are OBL, FACW, or FAC:			(A/B)
5				 Prevalence Index worksh 	neet:		
7		·		- <u>Total % Cover o</u>	<u>f:</u>	<u>Multiply</u>	<u>' By:</u>
		= Total Cov	er	- OBL species	20	x 1 =	20
Sanling/Shruh Stratum (Plot size: 15 ft)				FACW species	40	x 2 =	80
1 Lonicera morrowii	5	Vec	FACU	FAC species	10	x 3 =	30
2 Acer pegundo	5	Ves	FAC	- FACU species	5	x 4 =	20
3		103	TAC	- UPL species	0	x 5 =	0
л		<u> </u>		- Column Totals	75	(A)	150 (B)
т. 		·		Prevalence Ind	ex = B/A =	2	
5		·		Hydrophytic Vegetation I	ndicators:		
7		<u> </u>		1- Rapid Test for Hy	drophytic V	/egetatio	n
/		- Total Cov	or	2 - Dominance Test	is >50%		
Harb Stratum (Plat size: Eft.)	10		ei	3 - Prevalence Inde	x is ≤ 3.0 ¹		
1 Onoclea sensibilis	30	Voc	FACW	4 - Morphological A	daptations	¹ (Provide	supporting
2 Lythrum salicaria		Voc	OBI	- data in Remarks or on a	separate sh	neet)	
2. Epilohium ciliatum	5	No	EACW	Problematic Hydro	phytic Vege	tation ¹ (E	xplain)
A Typha angustifolia	5	No	ORI	- ¹ Indicators of hydric soil	and wetlan	d hydrolo	ogy must be
4. Typha angustifolia	5	No	EAC	present, unless disturbe	d or problei	matic	<u> </u>
S. Solidago Tugosa	5	No			Strata:		
0. Filalaris al unumacea	5	No		Iree – Woody plants 3 in	. (7.6 cm) 01 ardloss of b	r more in	diameter at
7. Leersia Oryzoides	5	NO	UBL	Sapling/shrub Woody r	alonte loce t	eigni. ban 3 in	
o				greater than or equal to	3.28 ft (1 m) tall.	DBITAIL
9		<u> </u>		Herb – All herbaceous (n	on-woody)	plants, re	gardless of
10				size, and woody plants le	ess than 3.2	8 ft tall.	
12		·		Woody vines - All woody	vines great	ter than 3	3.28 ft in
12		Tatal Car		height.	0		
	65	= lotal Cov	er	Hydrophytic Vegetation	Present?	res 🖌 🛛	No
<u>woody vine Stratum</u> (Plot size: <u>30 ft</u>)							
1.				-			
2.		·		-			
3		<u> </u>		-			
4				-			
	0	= lotal Cov	er				
Remarks: (Include photo numbers here or on a sep	arate sheet.)						
A positive indication of hydrophytic vegetation was	observed (>50)% of domin	ant species	indexed as OBL, FACW, or	FAC).		

SOIL

Sampling Point: W-KCF-13_PEM-1

Profile Des	cription: (Describe	to the	depth needed to	docu	ment the	indicator	or confirm the	e absence of indicat	ors.)
(inches)		0/	Color (maint)	^ red	Ture -1	1053	-		Domortico
(Inches) 0 - 20	10YR 3/1	% 90	10YR 5/6	%	С	M/PL	Silty (Clay Loam	Remarks
						·			
				_		·			
¹ Type: C = C	Concentration, D =	Deple	tion, RM = Reduce	ed Ma	trix, MS =	Masked	Sand Grains.	² Location: PL = Pore	 e Lining, M = Matrix.
Hydric Soil	Indicators:							Indicators for P	Problematic Hydric Soils ³ :
 Histosol Histic Eş Black Hi Hydrogg Stratifie Deplete Thick Da Sandy N Sandy F Stripped Dark Su 	l (A1) bipedon (A2) istic (A3) en Sulfide (A4) d Layers (A5) d Below Dark Surf ark Surface (A12) Aucky Mineral (S1) bleyed Matrix (S4) tedox (S5) d Matrix (S6) rface (S7) (LRR R, I	ace (A [^] MLRA 1	Polyvalue B Thin Dark S Loamy Muc Depleted M Depleted D Redox Depleted D Redox Depleted D	elow urfac ky Mi red M atrix Surfa ark Su ressic	Surface (e (S9) (LR neral (F1 atrix (F2) (F3) ace (F6) urface (F7 ns (F8)	58) (LRR R R R, MLRA) (LRR K, L 7)	t, MLRA 149B) (149B))	2 cm Muck i Coast Prairi 5 cm Mucky Dark Surfac Polyvalue B Thin Dark S Iron-Manga Piedmont F Mesic Spod Red Parent Very Shalloo Other (Expla	(A10) (LRR K, L, MLRA 149B) ie Redox (A16) (LRR K, L, R) y Peat or Peat (S3) (LRR K, L, R) ce (S7) (LRR K, L) eelow Surface (S8) (LRR K, L) surface (S9) (LRR K, L) unese Masses (F12) (LRR K, L, R) cloodplain Soils (F19) (MLRA 149B) lic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
³ Indicators Restrictive I	of hydrophytic veg	getatio •	n and wetland hy	drolo	gy must k	pe present	t, unless distur	rbed or problematic	
inconienter i	Type [.]	•	None			Hydric S	nil Present?		Ves / No
	Denth (inches)		None			inguite 5	on resent:		
Remarks: A positive ii	ndication of hydric	soil w	as observed.			1			



Photo of Sample Plot East

North





Photo of Sample Plot West
Project/Site: Mill Point	City/County: Fultonville, Mon	tgomery	Sampling Date: 202	20-Nov-05
Applicant/Owner: ConnectGen		State: NY	Sampling Point: W-K	CF-13_UPL-1
Investigator(s): Kevin Ferguson , Giovanni Pambia	nchi Sect	ion, Township, Range: N	/A	
Landform (hillslope, terrace, etc.): Swale	Local relief	(concave, convex, none):	Concave	Slope (%): 2 to 5
Subregion (LRR or MLRA): MLRA 144A of LRR R	Lat:	42.91044241 Long	-74.37422493	Datum: WGS84
Soil Map Unit Name: Appleton silt loam, 3 to 8 pe	rcent slopes		NWI classificatio	n: None
Are climatic/hydrologic conditions on the site typica	for this time of year?	Yes 🟒 No (If n	o, explain in Remarks.)	
Are Vegetation Soil or Hydrology Are Vegetation Soil or Hydrology	significantly disturbed? naturally problematic?	Are "Normal Circums (If needed, explain a	tances" present? ny answers in Remarks	Yes 🟒 No .)

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

Hydrophytic Vegetation Present?	Yes 🟒 No								
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒						
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:							
Remarks: (Explain alternative procedure	s here or in a separate repo	rt)							
Covertype is UPL. Area is upland, not all	Covertype is UPL. Area is upland, not all three wetland parameters are present. Circumstances are not normal due to mowing of vegetation.								
Circumstances are not normal due to ag	ricultural activities.								

Wetland Hydrology Indicators:					
Primary Indicators (minimum of or	ie is requi	Secondary Indicators (minimum of two required)			
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Image 					 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
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 g	auge, mor	itorii	ng well, aeri	al photos, previous inspections), if available:
The criterion for wetland hydrolog	y is met.				

Sampling Point: W-KCF-13_UPL-1

<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)	Absolute % Cover	Dominant	Indicator	Dominance Test worksh	eet:		
1	70 COVEI	Species:	Status	Are OBL. FACW, or FAC:	becies mat	2	(A)
·				Total Number of Domin	ant Species		
2				Across All Strata:		3	(B)
۶				Percent of Dominant Sp	ecies That	66.7	(A /D)
4				Are OBL, FACW, or FAC:			(A/ D)
6				Prevalence Index works	heet:		
7				Total % Cover of	of:	<u>Multiply</u>	<u>By:</u>
/		- Total Cov)r	OBL species	5	x 1 =	5
Capling/Chruh Stratum (Diataiza) 15 ft)	0		21	FACW species	20	x 2 =	40
<u>Sapling/Shrub Stratum</u> (Plot Size: <u>15 It</u>)				FAC species	25	x 3 =	75
1				FACU species	20	x 4 =	80
2.				UPL species	0	x 5 =	0
3				Column Totals	70	(A)	200 (B)
4.				Prevalence In	dex = B/A =	2.9	
5				Hydrophytic Vegetation	Indicators:		
6				1- Rapid Test for H	vdrophytic V	egetation	1
7				2 - Dominance Tes	t is >50%	-8	
	0	= Total Cove	er	✓ 3 - Prevalence Inde	ex is $\leq 3.0^1$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				4 - Morphological	Adaptations ¹	(Provide	supporting
1. Poa pratensis	20	Yes	FACU	data in Remarks or on a	separate sh	eet)	
2. <i>Phalaris arundinacea</i>	20	Yes	FACW	Problematic Hydro	, phytic Vege	tation ¹ (E>	(plain)
3. <i>Solidago rugosa</i>	20	Yes	FAC	¹ Indicators of hydric soi	l and wetlan	d hydrolo	gy must be
4. <i>Lythrum salicaria</i>	5	No	OBL	present, unless disturbe	ed or probler	natic	
5. <i>Galium boreale</i>	5	No	FAC	Definitions of Vegetatio	n Strata:		
6				Tree – Woody plants 3 ir	n. (7.6 cm) or	more in	diameter at
7				breast height (DBH), reg	ardless of h	eight.	
8.				Sapling/shrub - Woody	plants less tl	han 3 in. [OBH and
9.				greater than or equal to	3.28 ft (1 m) tall.	
10.				Herb – All herbaceous (I	non-woody)	plants, re	gardless of
11.				size, and woody plants l	ess than 3.2	8 ft tall.	
12.				Woody vines – All wood	y vines great	er than 3	.28 ft in
	70	= Total Cove	er	height.			
Woody Vine Stratum (Plot size: <u>30 ft</u>)		-		Hydrophytic Vegetation	Present?	′es 🟒 N	lo
1.							
2.							
3.							
4.				•			
	0	= Total Cove	er				
				_ 			
Remarks: (Include photo numbers here or on a separate	e sneet.)	0/ af damat		indexed as ODL EXCIT			
A positive indication of hydrophytic vegetation was obse	ervea (>50	1% of domina	ant species	inuexed as OBL, FACW, or	FAC).		

icites	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks
0 - 4	10YR 3/3	100		_			Silty Clay Loam		
- 10	10YR 3/2	100							
) - 20	10YR 3/1	95	10R 4/6	5	C	Μ	Silty Clay Loam		
		- <u> </u>							
				·					
		· ·							
		· ·							
e: C = Cc	oncentration, D =	Depletio	n, RM = Reduced	Mat	rix, MS =	Masked Sand Gr	ains. ² Location: l	PL = Pore Linin	g, M = Matrix.
ric Soil Ir	ndicators:						Indicat	ors for Problen	natic Hydric Soils ³ :
Black His Hydroger Stratified Depleted Thick Dar Gandy Mu Sandy Mu Sandy Re Sandy Re Stripped Dark Sur	tic (A3) n Sulfide (A4) l Layers (A5) l Below Dark Surfa rk Surface (A12) ucky Mineral (S1) eyed Matrix (S4) edox (S5) Matrix (S6) face (S7) (LRR R, M	ace (A11) 1100 149	Loamy Muck Loamy Gleye Depleted Ma Redox Dark S Depleted Dai Redox Depre	y Mir d Ma trix (l Gurfa k Su ssior	eral (F1) (trix (F2) F3) ce (F6) cface (F7) ns (F8)	(LRR K, L)	5 cr Dar Pol Thin Iror Pie Me Rec Ver Oth	n Mucky Peat o k Surface (S7) (yvalue Below S n Dark Surface n-Manganese M dmont Floodpl sic Spodic (TA6 l Parent Materi y Shallow Dark eer (Explain in F	or Peat (S3) (LRR K, L, R) (LRR K, L) Surface (S8) (LRR K, L) (S9) (LRR K, L) Masses (F12) (LRR K, L, R) ain Soils (F19) (MLRA 149E) (MLRA 144A, 145, 149B) ial (F21) s Surface (TF12) Remarks)
	f hydrophytic veg	etation a	and wetland hydr	olog	y must be	e present, unless	disturbed or prol	olematic.	
licators o									
trictive La	ayer (if observed):					Hydric Soil Pres	ent?	Yes	No 🟒
t rictive L a	a yer (if observed): ⁻ ype:		None			-			
trictive La T D narks: positive in	ayer (if observed): Type: Depth (inches): ndication of hydri	c soils w	None as observed.	-					



Photo of Sample Plot East



Photo of Sample Plot South



Photo of Sample Plot West

Project/Site: Mill Point		C	ity/County:	Fultonville, I	Mon	tgomery		Sampling Date:	2020-Nov-06	
Applicant/Owner: Con	nectGen					State: NY		Sampling Point: <u>W</u>	V-KCF-14_PEM-1	
Investigator(s): Kevin F	erguson , Gio	ovanni Pambian	chi		Sect	ion, Township, R	ange: N	/A		
Landform (hillslope, terra	ace, etc.):	Swale		Local re	elief	(concave, conve>	, none):	Concave	Slope (%):	2 to 5
Subregion (LRR or MLRA):	: MLRA	144A of LRR R			Lat:	42.91100884	Long:	-74.38350563	Datum:W	GS84
Soil Map Unit Name: A	Appleton silt l	loam, 3 to 8 perc	ent slopes					NWI classifica	ation: None	
Are climatic/hydrologic co	onditions on	the site typical f	or this time o	of year?		Yes 🟒 No _	(If no	o, explain in Remarl	ks.)	
Are Vegetation, Sc Are Vegetation, Sc	oil, c oil, c	or Hydrology or Hydrology	_ significantl _ naturally p	ly disturbed problematic?	?	Are "Normal (If needed, ex	Circums kplain an	tances" present? y answers in Rema	Yes 🟒 No _ ırks.)	

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

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No
Wetland Hydrology Present?	Yes No	lf yes, optional Wetland Site ID:	W-KCF-14
Remarks: (Explain alternative procedures he	re or in a separate report)	
Covertype is PEM. Area is wetland, all three v	wetland parameters are p	resent.	

Wetland Hydrology Indicators:				
Primary Indicators (minimum of	one is required; check all	<u>that apply)</u>		Secondary Indicators (minimum of two required)
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Sparsely Vegetated Concave 	 _ Water _ Aquat _ Marl E _ Hydro _ Oxidiz _ Preser _ Recen _ Thin M Imagery (B7) _ Other 	-Stained Leaves (B9) ic Fauna (B13) Deposits (B15) gen Sulfide Odor (C1) red Rhizospheres on Living I nce of Reduced Iron (C4) t Iron Reduction in Tilled Sc Auck Surface (C7) (Explain in Remarks)	Roots (C3) vils (C6)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:				
Surface Water Present?	Yes No 🟒	Depth (inches):		_
Water Table Present?	Yes 🖌 No	Depth (inches):	8	Wetland Hydrology Present? Yes No
Saturation Present?	Yes 🖌 No	Depth (inches):	0	_
(includes capillary fringe)				
Remarks: The criterion for wetland hydrol	ogy is met.	aeriai photos, previous insp	ections), if	

Sampling Point: W-KCF-14_PEM-1

Tree Stratum (Plot size: 30 ft)	Absolute	Dominant	Indicator	Dominance Test worksh	neet:		
	% Cover	Species?	Status	Number of Dominant S	pecies That	2	(A)
1		·		Total Number of Domin	ant Spacies		
2				Across All Strata:	iant species	2	(B)
3		<u> </u>		Percent of Dominant Sp	pecies That		
4.		<u> </u>		Are OBL, FACW, or FAC:		100	(A/B)
S		·		Prevalence Index works	sheet:		
o	<u> </u>	·		Total % Cover	<u>of:</u>	<u>Multiply</u>	<u>By:</u>
/		- Tatal Cau		OBL species	40	x 1 =	40
Carling/Church Stratum (Distaine) 15 ft	0	= 10tal Cov	er	FACW species	20	x 2 =	40
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	5	x 3 =	15
1	<u> </u>	·		FACU species	0	x 4 =	0
2		<u> </u>		UPL species	0	x 5 =	0
3		<u> </u>		Column Totals	65	(A)	95 (B)
4.	. <u> </u>	·		Prevalence In	dex = B/A =	1.5	
5.	. <u> </u>	·		Hydrophytic Vegetation	Indicators:		
6				1- Rapid Test for H	lydrophytic V	egetation	
7		<u> </u>		✓ 2 - Dominance Tes	st is >50%	0	
	0	= Total Cov	er	3 - Prevalence Inde	ex is $\leq 3.0^1$		
Herb Stratum (Plot size: <u>5 ft</u>)				4 - Morphological	Adaptations ¹	(Provide	supporting
1. Lythrum salicaria	30	Yes	OBL	data in Remarks or on a	a separate sh	leet)	
2. <u>Phalaris arundinacea</u>	15	Yes	FACW	Problematic Hydro	ophytic Vege	tation ¹ (Ex	plain)
3. <i>Solidago rugosa</i>	5	No	FAC	¹ Indicators of hydric soi	l and wetlan	d hydrolog	gy must be
4. <i>Epilobium ciliatum</i>	5	No	FACW	present, unless disturbe	ed or probler	matic	
5. <i>Dulichium arundinaceum</i>	5	No	OBL	Definitions of Vegetatio	n Strata:		
6. <i>Typha angustifolia</i>	5	No	OBL	Tree – Woody plants 3 i	n. (7.6 cm) or	r more in o	diameter at
7				breast height (DBH), reg	gardless of h	eight.	
8				Sapling/shrub – Woody	plants less t	han 3 in. D	OBH and
9				greater than or equal to	o 3.28 ft (1 m) tall.	
10				Herb – All herbaceous (non-woody)	plants, reg	gardless of
11				size, and woody plants	less than 3.2	8 IT TAII.	20.6
12				height	ly vines great	ter than 3.	28 IU IN
	65	= Total Cov	er				
Woody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic Vegetation	n Present?	res 🟒 N	0
1							
2							
3							
4							
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a separate	e sheet.)			_			
A positive indication of hydrophytic vegetation was obse	erved (>50)% of domin	ant species	indexed as OBL. FACW. or	r FAC).		
				,,	-,-		

nches)								
	Color (moist)	<u> </u>	Color (moist)	<u>%</u>	Type	<u>Loc</u> ²	lext	ure Remarks
0-8	10YR 3/1	95	10R 4/6	5	<u> </u>	<u>M</u>	Silty Clay	/ Loam
3 - 20	10YR 4/1	90	10R 4/6	10			Silty Clay	/ Loam
				_				
				·				
				_	. <u> </u>			
		- <u> </u>		. <u> </u>				
ric Soil l	oncentration, D = I Indicators:	Depleti	on, RM = Reduce	d Mati	rix, MS =	Masked Sar	nd Grains. ² L	ocation: PL = Pore Lining, M = Matrix. Indicators for Problematic Hydric Soils ³ :
⊣istosol ⊣istic Ep 3lack Hi ⊣ydrog∉ Stratifie	(A1) vipedon (A2) stic (A3) ହୁମ Sulfide (A4) d Lavers (A5)		 Polyvalue Be Thin Dark Su Loamy Mucl Loamy Gleye Depleted Ma 	elow S urface ky Min ed Ma atrix (l	urface (S (S9) (LRR eral (F1) trix (F2) - 3)	8) (LRR R, M R, MLRA 14 (LRR K, L)	ILRA 149B) I9B)	 2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L)
Depleted Thick Da Sandy N	d Below Dark Surfa ark Surface (A12) Jucky Mineral (S1)	ace (A1	1) Redox Dark Depleted Da Redox Depr	Surfa Irk Sur essior	ce (F6) face (F7) s (F8)			 Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy G Sandy R	ileyed Matrix (S4) edox (S5)		<u> </u>					 Piedmont Floodplain Soils (F19) (MLRA 149 Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21)
Strippec Dark Su	l Matrix (S6) rface (S7) (LRR R, N	1lra 14	49B)					Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
dicators	of hydrophytic veg	etation	and wetland hyd	rolog	y must be	e present, u	nless disturbe	d or problematic.
trictive L	.ayer (if observed):							
	Туре:		None			Hydric Soi	Present?	Yes 🟒 No
	Depth (inches):							
ositive ir	ndication of hydric	soil wa	s observed.					

Photo of Sample Plot North



Photo of Sample Plot East





Photo of Sample Plot West

Project/Site: Mill Point	City/County: Fultonville, Montgomery	Sampling Date: 2020-Nov-06
Applicant/Owner: ConnectGen	State: NY	Sampling Point: W-KCF-14_UPL-1
Investigator(s): Kevin Ferguson , Giovanni Pambia	nchi Section, Township,	Range: N/A
Landform (hillslope, terrace, etc.): Hillslope	Local relief (concave, conv	ex, none): Undulating Slope (%): 5 to 10
Subregion (LRR or MLRA): MLRA 144A of LRR R	Lat: 42.91084638	Long: -74.38351455 Datum: WGS84
Soil Map Unit Name: Appleton silt loam, 3 to 8 pe	rcent slopes	NWI classification: None
Are climatic/hydrologic conditions on the site typical	for this time of year? Yes No	(lf no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology Are Vegetation, Soil, or Hydrology	significantly disturbed? Are "Norma naturally problematic? (If needed,	il Circumstances" present? Yes 🟒 No explain any answers in Remarks.)

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

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland? Yes N	0 _
Wetland Hydrology Present?	Yes No	If yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures he	re or in a separate report)	
Covertype is UPL. Area is upland, not all three	e wetland parameters ar	e present. Circumstances are not normal due to agricultural activitie	es.

Wetland Hydrology Indicators:			
Primary Indicators (minimum of on	e is required; check all t	hat apply)	Secondary Indicators (minimum of two required)
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	Water-t Aquatio Marl Du Hydrog Oxidize Presen Recent Thin M agery (B7) Other (rface (B8)	Stained Leaves (B9) c Fauna (B13) eposits (B15) gen Sulfide Odor (C1) ed Rhizospheres on Living Roots (C3) ce of Reduced Iron (C4) Iron Reduction in Tilled Soils (C6) uck Surface (C7) Explain in Remarks)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:			
Surface Water Present?	Yes No 🟒	Depth (inches):	_
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present? Yes No
Saturation Present?	Yes No 🟒	Depth (inches):	
(includes capillary fringe)			
Describe Recorded Data (stream ga	iuge, monitoring well, a	erial photos, previous inspections), if	available:
Remarks:			
The criterion for wetland hydrology	' is not met.		

Sampling Point: W-KCF-14_UPL-1

Tree Stratum (Plot size: 30 ft)	Absolute	Dominant	Indicator	Dominance Test worksheet:		
	% Cover	Species?	Status	Number of Dominant Species Tha	1	(A)
1				Are OBL, FACW, or FAC:		
2				lotal Number of Dominant Specie	⁵ 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 0	x 1 =	- <u></u> 0
	0	= Total Cove	r	FACW species 0	x 2 =	0
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species 5	- <u>x</u> 3=	15
1				FACU species 5	- x 4 = -	20
2				LIPL species 0	- ^	
3				Column Totals	- ^	2E (P)
4.					(A)	55 (B)
5.						
6.				Hydrophytic Vegetation Indicators		
7.				1- Rapid Test for Hydrophytic	Vegetation	
	0	= Total Cove	r	2 - Dominance Test is > 50%		
Herb Stratum (Plot size: <u>5 ft</u>)		-		3 - Prevalence Index is $\leq 3.0^{\circ}$		
1. Taraxacum officinale	5	Yes	FACU	4 - Morphological Adaptation	s ¹ (Provide s	supporting
2. Festuca paradoxa	5	Yes	FAC	Droblematic Hydrophytic Ver	sneet) station1 (Ev	nlain)
3.				Problematic Hydrophytic Veg	etation' (EX	piairi)
4.				present upless disturbed or problem	nu nyuroiog emetic	gy must be
5.				Definitions of Vegetation Strata:	ematic	
6				Tree Woody plants 3 in (7.6 cm)	or moro in c	liamotor at
7				breast height (DBH) regardless of	height	lameter at
8				Sapling/shrub – Woody plants less	than 3 in. D)BH and
9				greater than or equal to 3.28 ft (1	n) tall.	
10				Herb – All herbaceous (non-wood)) plants, reg	ardless 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
12	10	- Total Cove	r	height.		
Woody Vino Stratum (Plot size: 20 ft)	10		I	Hydrophytic Vegetation Present?	Yes N	0 🖌
·						
2.						
4		- Tatal Caus				
	0	= Total Cove	ſ			
Remarks: (Include photo numbers here or on a separate	e sheet.)					
No positive indication of hydrophytic vegetation was ob-	served (\geq	50% of domi	nant specie	s indexed as FAC– or drier).		

Profile Des	cription: (Describe t Matrix	to the de	epth needed to d	ocun	nent the i	ndicator	or confirm the a	bsence of indicato	ors.)		
(inches)	Color (moist)	0%	Color (moist)	0%	Type1	Loc ²	Τοντ	ure		Remarks	
0 - 12	10VR 3/2	100		90	туре	LOC-	Silty Cla	vloam		Reliarks	
0-12	1018 3/2	100		· —				y Loann			
<u> </u>		·		· —							
		·		· —							
		·		· —							
·		·		· —							
		·									
		. <u> </u>									
		·		-							
¹ Type: $C = C$	Concentration, D = l	Depletio	n, RM = Reduced	Mat	rix, MS =	Masked	Sand Grains. ² L	ocation: PL = Pore	Lining,	M = Matrix.	
Hydric Soil	Indicators:			-				Indicators for Pr	oblema	tic Hydric Soils ³ :	
Histoso	(A1)		Polyvalue Be	ow S	urface (S	8) (LRR F	R, MLRA 149B)	2 cm Muck (م 1/ (۸۱		D)
Histic Er	bipedon (A2)		Thin Dark Su	face	(S9) (LRR	R, MLRA	A 149B)		AIU) (LK		D) \
Black Hi	stic (A3)		Loamy Mucky	/ Mir	ieral (F1)	(LRR K, L	.)	Coast Frame	Post or	(A10) (LKK K, L, K	/ ID\
Hydroge	en Sulfide (A4)		Loamy Gleye	d Ma	trix (F2)			5 CITI MUCKY	Peat or		ц, к)
Stratifie	d Layers (A5)		Depleted Ma	trix (l	-3)					faco (S8) (I DD K	1)
Deplete	d Below Dark Surfa	ace (A11)	Redox Dark S	urfa	ce (F6)				urfaco (S		L)
Thick Da	ark Surface (A12)		Depleted Dar	'k Su	rface (F7)			Iron-Mangar		5) (LKK K, L)	I D)
Sandy N	lucky Mineral (S1)		Redox Depre	ssior	ns (F8)					Soile (F12) (LKK K	, L, K) 04 1/10R)
Sandy G	leyed Matrix (S4)							Fleamont Pr	ооцріан с (таб) (1	MIDA 144A 145	1/0P)
Sandy F	edox (S5)							Red Parent I	Matorial	(E21)	1450)
Stripped	d Matrix (S6)							Keu Farenci	viacei iai v Dark Si	(FZT) urfaco (TE12)	
Dark Su	rface (S7) (LRR R, N	ILRA 149)B)					Other (Expla	in in Ro	marks)	
										indi KS)	
³ Indicators	of hydrophytic veg	etation a	and wetland hydr	olog	y must be	e presen	t, unless disturbe	d or problematic.			
Restrictive	_ayer (if observed):										
	Туре:		None	-		Hydric	Soil Present?		Yes	No⁄_	
	Depth (inches):										
Remarks:											
No positive	indication of hydri	c soils w	as observed. Ref	usal	due to co	arse fra	gments.				
1											

Photo of Sample Plot North



Photo of Sample Plot East



Northcentral and Northeast Region -- Version 2.0 Adapted by TRC

Photo of Sample Plot South



Photo of Sample Plot West

Project/Site: Mill Point	t		City/County:	Fultonville, N	Montgome	ery		Sampling Date:	2020-Nov-09
Applicant/Owner: C	onnectGen				St	ate: NY		Sampling Point:	W-KCF-15_PEM-1
Investigator(s): Kevi	n Ferguson , Ja	y Kaminski			Section, To	ownship, Ra	ange: N	/A	
Landform (hillslope, te	rrace, etc.):	Flat		Local re	elief (conca	ave, convex	, none):	Concave	Slope (%): 0 to 1
Subregion (LRR or MLF	RA): MLRA	A 144A of LRR R		L	at: 42.91	754812	_Long:	-74.36867885	Datum: WGS84
Soil Map Unit Name:	Madalin silty	clay loam, 0 to 3	3 percent slop	es				NWI classifie	cation: None
Are climatic/hydrologic	conditions on	the site typical	for this time o	of year?	Yes	No	(If no	, explain in Rema	rks.)
Are Vegetation, Are Vegetation,	Soil, Soil,	or Hydrology or Hydrology	significantl naturally p	y disturbed? roblematic?	? Ar (If	e "Normal needed, e>	Circumst cplain an	tances" present? y answers in Rem	Yes 🟒 No arks.)

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

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🯒 No
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-KCF-15
Remarks: (Explain alternative procedures he	ere or in a separate report)	
Covertype is PEM. Area is wetland, all three	wetland parameters are p	resent. Circumstances are not normal due to mo	owing of vegetation.

Wetland Hydrology Indicators:				
Primary Indicators (minimum of o	ne is required; check all t	<u>hat apply)</u>		Secondary Indicators (minimum of two required)
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Im Sparsely Vegetated Concave Summer S	Water- Aquatio Marl Do Hydrog Oxidize Presen Recent Thin M nagery (B7) Other (urface (B8)	Stained Leaves (B9) c Fauna (B13) eposits (B15) gen Sulfide Odor (C1) ed Rhizospheres on Living F ce of Reduced Iron (C4) Iron Reduction in Tilled So uck Surface (C7) Explain in Remarks)	Roots (C3) ils (C6)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:				
Surface Water Present?	Yes No 🟒	Depth (inches):		_
Water Table Present?	Yes 🟒 No	Depth (inches):	14	Wetland Hydrology Present? Yes 🟒 No
Saturation Present?	Yes 🟒 No	Depth (inches):	4	
(includes capillary fringe)				
Describe Recorded Data (stream g	şauge, monitoring well, a	erial photos, previous inspe	ections), if	available:
The criterion for wetland hydrolog	ev is met.			
	<i>y</i>			

Sampling Point: W-KCF-15_PEM-1

	Absolute	Dominant	Indicator	Dominance Test worksh	neet:		
<u>Iree Stratum</u> (Plot size: <u>30 ft</u>)	% Cover	Species?	Status	Number of Dominant S	pecies That	1	(4)
1.				Are OBL, FACW, or FAC:		I	(A)
2.				Total Number of Domin	ant Species	1	(B)
3.		·		Across All Strata:		·	(8)
4.		· ·		Percent of Dominant Sp	oecies That	100	(A/B)
5.		· ·		Are OBL, FACW, or FAC:			
6.		· ·		Prevalence Index works	sheet:		_
7.				Total % Cover	of:	Multiply	<u>By:</u>
	0	= Total Cov	er	OBL species	45	x 1 =	45
Sapling/Shrub Stratum (Plot size: 15 ft)		-		FACW species	2	x 2 =	4
1				FAC species	5	x 3 =	15
2				FACU species	0	x 4 =	0
3				UPL species	0	x 5 =	0
	<u> </u>	·		Column Totals	52	(A)	64 (B)
ч. Б		<u> </u>		Prevalence In	dex = B/A =	1.2	
۶				Hydrophytic Vegetation	Indicators:		
o		·		1- Rapid Test for ⊢	lydrophytic V	egetation/	
/		- Tatal Cau		2 - Dominance Tes	st is >50%		
Line Charter (Distring 5.6	0		er	3 - Prevalence Ind	ex is $\leq 3.0^1$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)	20	Vee		4 - Morphological	Adaptations ¹	Provide	supporting
	30	Yes .	OBL	data in Remarks or on a	a separate sh	ieet)	
	10	<u> </u>	OBL	Problematic Hydro	ophytic Vege	tation ¹ (Ex	plain)
3. Lythrum salicaria		<u>No</u>	OBL	¹ Indicators of hydric soi	l and wetlan	d hydrolog	gy must be
4. <u>Solidago rugosa</u>	5	No	FAC	present, unless disturb	ed or probler	matic	
5. <i>Lysimachia nummularia</i>	2	No	FACW	Definitions of Vegetatio	n Strata:		
6				Tree – Woody plants 3 i	n. (7.6 cm) or	r more in o	diameter at
7				breast height (DBH), reg	gardless of h	eight.	
8				Sapling/shrub – Woody	plants less t	han 3 in. E	OBH and
9				greater than or equal to	o 3.28 π (1 m) tall.	
10		·		Herb – All nerbaceous (non-woody)	plants, reg	gardless of
11					less than 5.2	o IL Lall.	20 ft in
12				height	ly villes gi eau		.20 11 111
	52	= Total Cov	er				
Woody Vine Stratum (Plot size: <u>30 ft</u>)				Hydrophytic Vegetation	n Present?	res 🟒 N	10
1							
2							
3							
4							
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a separate	e sheet)						
A positive indication of hydrophytic vegetation was obse	erved (>50)% of domin	ant species i	indexed as OBL_FACW_o	r FAC).		
					,.		

0.4 10YR 3/1 98 10R 4/6 2 C M/PL Silty Clay Loam 4-20 10YR 4/1 95 10R 4/6 5 C M/PL Clay	ncnesj	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Т	exture	Remarks
4. 20 10YR 4/1 95 10R 4/6 5 C M/PL Clay Image: Construction of the second sec	0 - 4	10YR 3/1	98	10R 4/6	2	С	M/PL	Silty	Clay Loam	
pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils*. Histosol (A1) Polyvalue Below Surface (S9) (LRR R, MLRA 149B) Histosol (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Polyvalue Below Surface (F2) Depleted Matrix (F2) Startifiel Layers (A5) Depleted Matrix (F2) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Gleyed Matrix (S4)	- 20	10YR 4/1	95	10R 4/6	5	C	M/PL		Clay	
De: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils ² : Histos (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Biack Histic (A3)			- <u>-</u>		· · ·					
be: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. ric Soil Indicators: Indicators for Problematic Hydric Soils? Histic Soil (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)S cm Mucky Peat or Peat (S3) (LRR K, L) Hydrogen Sulfide (A4)Loamy Gleyed Matrix (F3)D olyvalue Below Surface (S9) (LRR K, L) Depleted Below Dark Surface (A11) Redx Dark Surface (F6)Thin Dark Surface (S9) (LRR K, L) Thick Dark Surface (A12)Depleted Dark Surface (F7)Torn-Manganese Masses (F12) (LRR K, L, R) Sandy Mucky Mineral (S1)Redox Depressions (F8)Iron-Marganese Masses (F12) (LRR K, L, R) Sandy Redox (S5)Red Parent Material (F2)Iron-Marganese Masses (F12) (LRR K, L, R) Stripped Matrix (S6)Very Shallow Dark Surface (TF12)Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B)Very Shallow Dark Surface (TF12)			- <u> </u>		 					
tric Soil Indicators: Indicators for Problematic Hydric Soils ² : Histoc (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) S coast Prairie Redox (A16) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) D ark Surface (S7) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Polyvalue Below Surface (S9) (LRR K, L) Depleted Below Dark Surface (A11) Redox Dark Surface (F7) Thin Dark Surface (S9) (LRR K, L) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Gleyed Matrix (S6) Wesic Spodic (TA6) (MLRA 144B) Very Shallow Dark Surface (F7) Stripped Matrix (S6) Red Parent Material (F21) Very Shallow Dark Surface (S7) (LRR K, L) Dark Surface (S7) (LRR K, MLRA 149B) Very Shallow Dark Surface (F7) Very Shallow Dark Surface (F7) Sandy Gleyed Matrix (S6) Red Parent Material (F21) Very Shallow Dark Surface (F7) Stripped Matrix (S6) Very Shallow Dark Surface (F7) Very Shallow Dark Surface (F7) Stripped Matrix (S6) Hydric Soil Present? Very Shallow Dark Surface (F7) Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) </td <td>oe: C = C</td> <td>Concentration, D =</td> <td> Deplet</td> <td>ion, RM = Reduce</td> <td>d Ma</td> <td>trix, MS =</td> <td>- Masked Sa</td> <td>and Grains.</td> <td>²Location: PL = Pore</td> <td>Lining, M = Matrix.</td>	oe: C = C	Concentration, D =	 Deplet	ion, RM = Reduce	d Ma	trix, MS =	- Masked Sa	and Grains.	² Location: PL = Pore	Lining, M = Matrix.
Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Depleted Matrix (F3) Polyvalue Below Surface (S8) (LRR K, L) Depleted Matrix (F2) Depleted Dark Surface (F6) Thin Dark Surface (S9) (LRR K, L) Thick Dark Surface (A11) Redox Depressions (F8) Thin Dark Surface (S5) Thin Dark Surface (S7) (LRR K, L, R) Sandy Gleyed Matrix (S6) Nedox (S5) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Other Hoodplain Soils (F19) (MLRA 1449B) Other (Explain in Remarks) Licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): None Hydric Soil Present? Yes No Depth (inches): None Hydric Soil Present? Yes No Sitive indication of hydric soil was observed.	ric Soil I	Indicators:	•						Indicators for Pro	oblematic Hydric Soils ³ :
dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed): Type:NoneHydric Soil Present? YesNo Depth (inches): marks: ositive indication of hydric soil was observed.	Stratified Depleted Thick Da Sandy M Sandy G Sandy R Strippec Dark Su	en sumae (A4) d Layers (A5) d Below Dark Surfa ark Surface (A12) fucky Mineral (S1) ileyed Matrix (S4) tedox (S5) d Matrix (S6) rface (S7) (LRR R, M	ace (A1	Loamy Gley Depleted M 1) Redox Dark Depleted D. Redox Depr 49B)	ea M atrix Surf ark S essio	atrix (F2) (F3) ace (F6) urface (F7 ons (F8)	7)		Dark Surface Polyvalue Be Thin Dark Su Iron-Mangan Piedmont Flo Mesic Spodic Red Parent N Very Shallow Other (Explai	(S7) (LRR K, L) low Surface (S8) (LRR K, L) rface (S9) (LRR K, L) uese Masses (F12) (LRR K, L, R) podplain Soils (F19) (MLRA 149B) (TA6) (MLRA 144A, 145, 149B) Aaterial (F21) Dark Surface (TF12) in in Remarks)
strictive Layer (if observed): Type: None Depth (inches): marks: positive indication of hydric soil was observed.	dicators	of hydrophytic veg	etatior	n and wetland hyd	drolo	gy must k	pe present,	unless distu	rbed or problematic.	
Iype: None Depth (inches):	strictive L	Layer (if observed): 								
Depth (inches): marks: positive indication of hydric soil was observed.		Type:		None	-		Hydric So	l Present?	Y	/es/_ No
	narks: ositive ir	ndication of hydric	soil wa	as observed.						

Photo of Sample Plot North



Photo of Sample Plot East Photo of Sample Plot South



Photo of Sample Plot West



Northcentral and Northeast Region -- Version 2.0 Adapted by TRC

Project/Site: Mill Point	City/County: Fultonville, Montgomery	Sampling Date: 2020-Nov-09
Applicant/Owner: ConnectGen	State: NY	Sampling Point: W-KCF-15_UPL-1
Investigator(s): Kevin Ferguson , Jay Kaminski	Section, Township, Range:N	I/A
Landform (hillslope, terrace, etc.): Foot slope	Local relief (concave, convex, none)	Concave Slope (%): 1 to 3
Subregion (LRR or MLRA): MLRA 144A of LRR R	Lat: 42.9173092 Long	-74.368713 Datum: WGS84
Soil Map Unit Name: Madalin silty clay loam, 0 to	3 percent slopes	NWI classification: None
Are climatic/hydrologic conditions on the site typica	for this time of year? Yes 🖌 No (If n	o, explain in Remarks.)
Are Vegetation, Soil, or Hydrology Are Vegetation, Soil, or Hydrology	significantly disturbed? Are "Normal Circum: naturally problematic? (If needed, explain a	stances" present? Yes 🟒 No ny answers in Remarks.)

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

Hydrophytic Vegetation Present?	Yes No 🟒								
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland? Yes No							
Wetland Hydrology Present?	Yes No _	If yes, optional Wetland Site ID:							
Remarks: (Explain alternative procedures h	ere or in a separate report)							
Covertype is UPL. Area is upland, not all three wetland parameters are present. Circumstances are not normal due to mowing of vegetation.									
Circumstances are not normal due to agric	Iltural activities.								

Wetland Hydrology Indicators:				
Primary Indicators (minimum of one	<u>e is required; check all th</u>	<u>at apply)</u>	Secondary Indicators (minimum o	<u>f two required)</u>
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Sur 	Water-S Aquatic Marl De Hydroge Oxidized Presenc Recent I Thin Mu gery (B7) Other (F face (B8)	tained Leaves (B9) Fauna (B13) posits (B15) en Sulfide Odor (C1) d Rhizospheres on Living Roots (C3) e of Reduced Iron (C4) ron Reduction in Tilled Soils (C6) ick Surface (C7) Explain in Remarks)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Im Stunted or Stressed Plants (D1 Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 	agery (C9))
Field Observations:				
Surface Water Present?	Yes No 🟒	Depth (inches):		
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present?	Yes No 🟒
Saturation Present?	Yes No 🟒	Depth (inches):		
(includes capillary fringe)				
Describe Recorded Data (stream ga	uge, monitoring well, ae	rial photos, previous inspections), if	available:	
Remarks:				
The criterion for wetland hydrology	is not met.			

Sampling Point: W-KCF-15_UPL-1

<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)	Absolute % Cover	Dominant	Indicator Status	Dominance Test worksh	neet: pecies That		
1		opeciesi	otatao	Are OBL, FACW, or FAC:	pecies mac	0	(A)
2		·		Total Number of Domin	ant Species		
2				Across All Strata:		2	(B)
л				Percent of Dominant Sp	pecies That	0	(A/R)
ч		·		Are OBL, FACW, or FAC:		0	(A/B)
5				Prevalence Index works	sheet:		
7		<u> </u>		Total % Cover	<u>of:</u>	<u>Multiply</u>	<u>' By:</u>
/	0	- Total Cov	or	OBL species	0	x 1 =	0
Capling/Chrub Stratum (Plot size) 15 ft)	0	- 10tal Cove	-	FACW species	0	x 2 =	0
<u>Sapling/Shrub Stratum</u> (Plot Size: <u>15 It</u>)				FAC species	5	x 3 =	15
1				FACU species	90	x 4 =	360
2.				UPL species	0	x 5 =	0
3				Column Totals	95	(A)	375 (B)
4.				Prevalence In	dex = B/A =	3.9	
5				Hydrophytic Vegetation	Indicators:		
6				1- Rapid Test for H	lydrophytic V	egetatio	n
7				2 - Dominance Tes	st is $> 50\%$	-8	
	0	= Total Cove	er	3 - Prevalence Ind	ex is $\leq 3.0^1$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				4 - Morphological	Adaptations ¹	(Provide	supporting
1. Lolium perenne	40	Yes	FACU	data in Remarks or on a	a separate sh	eet)	
2. Dactylis glomerata	20	Yes	FACU	Problematic Hydro	ophytic Vege	tation ¹ (E	xplain)
3. <i>Taraxacum officinale</i>	15	No	FACU	¹ Indicators of hydric soi	il and wetlan	d hydrolo	bgy must be
4. <i>Trifolium repens</i>	15	No	FACU	present, unless disturb	ed or probler	natic	
5. <i>Galium boreale</i>	5	No	FAC	Definitions of Vegetatio	n Strata:		
6				Tree – Woody plants 3 i	n. (7.6 cm) or	more in	diameter at
7				breast height (DBH), reg	gardless of h	eight.	
8				Sapling/shrub - Woody	plants less t	han 3 in.	DBH and
9.				greater than or equal to	o 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous (non-woody)	plants, re	gardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines – All wood	ly vines great	er than 3	3.28 ft in
	95	= Total Cove	er	height.			<u> </u>
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)		-		Hydrophytic Vegetation	n Present?	/es	No 🟒
1.							
2.							
3.							
4.							
	0	= Total Cove	er				
		-					
Remarks: (Include photo numbers here or on a separate	sneet.)	5004 6 1					
No positive indication of hydrophytic vegetation was ob	served (≥	50% of dom	inant specie	es indexed as FAC– or dri	er).		

Color (moist) % Color (moist) % Type1 Loc2 Texture Remarks 0 - 10 10/R 3/2 100	(inches) Color (moist) % Type1 Loc2 Toture Remarks 0 - 10 1078 3/2 100	(inches)	Matrix		Redox	Feat	ures			
0 - 10 10YR 3/2 100 Silty Clay 10 - 20 10YR 3/1 95 10R 4/6 5 C M Silty Clay 10 - 20 10YR 3/1 95 10R 4/6 5 C M Silty Clay 10 - 20 10YR 3/1 95 10R 4/6 5 C M Silty Clay 10 - 20 10YR 3/1 95 10R 4/6 5 C M Silty Clay 10 - 20 10YR 3/1 95 10R 4/6 5 C M Silty Clay 10 - 20 10YPe: Clay 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 <td< th=""><th>0.10 10YR 3/2 100 </th><th></th><th>Color (moist)</th><th>%</th><th>Color (moist)</th><th>%</th><th>Type¹</th><th>Loc²</th><th>Texture</th><th>Remarks</th></td<>	0.10 10YR 3/2 100		Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
10-20 10YR 3/1 95 10R 4/6 5 C M Silty Clay Silty Cla	10-20 10YR 3/1 95 10R 4/6 5 C M Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay Image: Silty Clay <td>0 - 10</td> <td>10YR 3/2</td> <td>100</td> <td></td> <td></td> <td></td> <td>Sili</td> <td>y Clay Loam</td> <td></td>	0 - 10	10YR 3/2	100				Sili	y Clay Loam	
Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils*: Histos Ol (A1) Polyvalue Below Surface (S9) (LRR R, MLRA 149B) Histos Ol (A1) Polyvalue Below Surface (S9) (LRR R, MLRA 149B) Histos Ol (A1) Loamy Mucky Mineral (F1) (LRR K, L) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (F6) Thin Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Redox (S5) Red Parent Material (F21) Stripped Matrix (S6) Red Parent Material (F21) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (F12) Other (Explain in Remarks) Other (Explain in Remarks)	Ype: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Yge: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Histic Soli Indicators: Indicators for Problematic Hydric Soli? Histic Stippedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) _Coast Praine Redox (A10) (LRR K, L, R Hydrogen Sulfide (A4) _Loamy Mucky Mineral (F1) (LRR K, L) _S cm Mucky Peat or Peat (S3) (LRR K, L) Loberty Mucky Mineral (F1) _Depleted Matrix (F2) _Dark Surface (F3) (LRR K, L) _Sandy Gleyed Matrix (S4) Depleted Dark Surface (F7) Thin Dark Surface (F3) (LRR K, L) _Sandy Gleyed Matrix (S6)	10 - 20	10YR 3/1	95	10R 4/6	5	С	Μ	Silty Clay	
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vdrx Soil Indicators:Indicators for Problematic Hydric Soils3:_ Histosol (A1)_ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)_ Histic Epipedon (A2)_ Thin Dark Surface (S9) (LRR R, MLRA 149B)_ Black Histic (A3)_ Loamy Mucky Mineral (F1) (LRR K, L)_ Hydrogen Sulfide (A4)_ Loamy Gleyed Matrix (F2)_ Stratified Layers (A5)_ Depleted Matrix (F3)_ Depleted Below Dark Surface (A11)_ Redox Dark Surface (F6)_ Thin Dark Surface (A12)_ Depleted Dark Surface (F7)_ Sandy Mucky Mineral (S1)_ Redox Depressions (F8)_ Sandy Redox (S5)_ Stripped Matrix (S6)_ Dark Surface (S7) (LRR R, MLRA 149B)_ Dark Surface (S7) (LRR R, MLRA 149B)_ Stripped Matrix (S6)_ Dark Surface (S7) (LRR R, MLRA 149B)_ Stripped Matrix (S6)_ Dark Surface (S7) (LRR R, MLRA 149B)_ Stripped Matrix (S6)_ Dark Surface (S7) (LRR R, MLRA 149B)_ Stripped Matrix (S6)_ Dark Surface (S7) (LRR R, MLRA 149B)_ Dark Surface (S7) (LRR R, MLRA 149B)_ Stripped Matrix (S6)_ Dark Surface (S7) (LRR R, MLRA 149B)_ Dark Surface (S7) (LRR R, MLRA 149B)_ Meticators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.	ydric Soil Indicators: Indicators for Problematic Hydric Soils*:	ype: C = C	oncentration, D =	Depletic	n, RM = Reduced	Mat	rix, MS =	Masked Sand Grains	. ² Location: PL = Pore	Lining, M = Matrix.
Histosol (A1)Polyvalue Below Surface (S8) (LRR R, MLRA 149B)Histic Epipedon (A2)Thin Dark Surface (S9) (LRR R, MLRA 149B)Black Histic (A3)Loamy Mucky Mineral (F1) (LRR K, L)Hydrogen Sulfide (A4)Loamy Gleyed Matrix (F2)Stratified Layers (A5)Depleted Matrix (F3)Depleted Below Dark Surface (A11)Redox Dark Surface (F6)Thick Dark Surface (A12)Depleted Dark Surface (F7)Sandy Mucky Mineral (S1)Redox Depressions (F8)Sandy Redox (S5)Stripped Matrix (S6)Dark Surface (S7) (LRR R, MLRA 149B)Stripped Matrix (S6)Red Parent Material (F21)Dark Surface (S7) (LRR R, MLRA 149B)dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.	Histic Epipedon (A2)	dric Soil I	Indicators:						Indicators for Pi	oblematic Hydric Soils ³ :
	Instruct Cappeoun (vz.) Instruct Cappeoun (vz.) Coast Prairie Redox (A16) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) S com Mucky Peat or Peat (S3) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F2) Dark Surface (S7) (LRR K, L) Depleted Below Dark Surface (A12) Depleted Dark Surface (F7) Thin Dark Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRR A149E) Sandy Gleyed Matrix (S4) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Stripped Matrix (S6) Red Prenet Material (F12) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Red Prenet Material (F21) Very Shallow Dark Surface (TF12) Stripped Matrix (S6) Red Prenet Material (F21) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) ndicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed): None Hydric Soil Present? Yes No Type: None None No No Deptive indication of hydric soils was observed. Soils was observed. Soils was observed. <td>Histosol</td> <td>(A1)</td> <td></td> <td> Polyvalue Bel</td> <td>ow S</td> <td>urface (S</td> <td>8) (LKK K, MLKA 149)</td> <td>2 cm Muck (</td> <td>A10) (LRR K, L, MLRA 149B)</td>	Histosol	(A1)		Polyvalue Bel	ow S	urface (S	8) (LKK K, MLKA 149)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
		Black Hi	stic (A3)			/ Min	(59) (LRR eral (F1)	(IRRK 1)	Coast Prairie	e Redox (A16) (LRR K, L, R)
		Hydroge	en Sulfide (A4)		Loamy Gleve	d Ma	trix (F2)		5 cm Mucky	Peat or Peat (S3) (LRR K, L, R)
 Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) New Surface (S7) (LRR R, MLRA 149B) Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. 	Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (S9) (LRR K, L) Ton-Manganese Masses (F12) (LRR K, L, R) Inon-Manganese Masses (F12) (LRR K, L, R) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Mesic Spodic (TA6) (MLRA 144B) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) Other (Explain in Remarks) Other (Explain in Remarks) Depth (inches): Hydric Soil Present? Yes No Perth (inches): Positive indication of hydric soils was observed.	Stratifie	d Layers (A5)		Depleted Ma	trix (F	-3)		Dark Surface	e (S7) (LKK K, L)
	Thick Dark Surface (A12)	_ Deplete	d Below Dark Surfa	ace (A11) Redox Dark S	urfa	ce (F6)		Folyvalde Be	Inface (S9) (I RR K)
	Sandy Mucky Mineral (S1)Redox Depressions (F8)Piedmont Floodplain Soils (F19) (MLRA 149] Sandy Gleyed Matrix (S4)Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Stripped Matrix (S6)Red Parent Material (F21)Red Parent Material (F21)Other (Explain in Remarks)Other (Explain in Remarks)Other (Explain in Remarks)Other (Explain in Remarks) 	Thick Da	ark Surface (A12)		Depleted Dar	k Su	rface (F7)		Iron-Mangar	nese Masses (F12) (LRR K. L. R)
	Sandy Gleyed Matrix (S4) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) ndicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. estrictive Layer (if observed): None Hydric Soil Present? Yes No Depth (inches): Positive indication of hydric soils was observed.	Sandy N	lucky Mineral (S1)		Redox Depre	ssior	ns (F8)		Piedmont Fl	oodplain Soils (F19) (MLRA 149B)
Sandy Redox (S5)Red Parent Material (F21) Stripped Matrix (S6)Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B)Other (Explain in Remarks) Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.	Sandy Redox (S5) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) other (Explain in Remarks) ndicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. estrictive Layer (if observed): Type: None Depth (inches): emarks: o positive indication of hydric soils was observed.	Sandy G	leyed Matrix (S4)						Mesic Spodi	c (TA6) (MLRA 144A, 145, 149B)
Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) Other (Explain in Remarks) ndicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.	Very Shallow Dark Surface (TF12) Other (Explain in Remarks) ndicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. estrictive Layer (if observed): 	_ Sandy R	edox (S5)						Red Parent I	Material (F21)
Other (57) (LRR R, MLRA 149B)Other (Explain in Remarks)Other (Explain in Remarks)		Suripped	rface (SZ) (LDD D A		נסר				Very Shallov	/ Dark Surface (TF12)
ndicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.	ndicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. estrictive Layer (if observed):		fiace (37) (LKK K, K	/ILKA 14:	56)				Other (Expla	in in Remarks)
	estrictive Layer (if observed): Type: None Hydric Soil Present? Yes No Depth (inches): emarks: o positive indication of hydric soils was observed.		of bydropbytic yog	getation	and wetland hydr	olog	y must be	e present, unless dis	urbed or problematic.	
estrictive Layer (if observed):	Type: None Hydric Soil Present? YesNo _∠ Depth (inches):	ndicators	or nyuropnytic veg							
Type:None Hydric Soil Present? Yes No _∠	emarks: lo positive indication of hydric soils was observed.	ndicators estrictive l	Layer (if observed):	:						
Depth (inches):	emarks: o positive indication of hydric soils was observed.	ndicators estrictive l	-ayer (if observed) : Type:	:	None	_		Hydric Soil Present	?	Yes No 🟒
		Indicators Restrictive I Remarks: Io positive	aver (if observed): Type: Depth (inches): indication of hydri	ic soils w	None vas observed.			Hydric Soil Present	?	Yes No _ <u>√</u>
		estrictive I emarks: lo positive	aver (if observed): Type: Depth (inches): indication of hydri	ic soils w	None vas observed.			Hydric Soil Present	?	Yes No∕_
		ndicators estrictive I emarks: o positive	aver (if observed): Type: Depth (inches): indication of hydri	ic soils w	None /as observed.	-		Hydric Soil Present	?	Yes No _∠
		ndicators estrictive I emarks: o positive	aver (if observed): Type: Depth (inches): indication of hydri	ic soils w	None vas observed.			Hydric Soil Present	?	Yes No

Photo of Sample Plot North



Photo of Sample Plot East







Photo of Sample Plot West



Project/Site: Mill Point	City/County: Fultonville, Mor	itgomery	Sampling Date: 202	20-Nov-09						
Applicant/Owner: ConnectGen		State: NY	Sampling Point: W-K	CF-16_PEM-1						
Investigator(s): Kevin Ferguson , Jay Kaminski	Sec	tion, Township, Range	N/A							
Landform (hillslope, terrace, etc.): Swale	Local relief	(concave, convex, nor	ne): Concave	Slope (%): 1 to 3						
Subregion (LRR or MLRA): MLRA 144A of LR	R Lat:	42.91966446 Lo	ng: -74.37594633	Datum: WGS84						
Soil Map Unit Name: Appleton silt loam, 3 to 8	percent slopes		NWI classificatio	n: None						
Are climatic/hydrologic conditions on the site typical for this time of year? Yes 🖌 No (If no, explain in Remarks.)										
Are Vegetation, Soil, or Hydrolog Are Vegetation, Soil, or Hydrolog	<pre>/ significantly disturbed? / naturally problematic?</pre>	Are "Normal Circu (If needed, explair	mstances" present? any answers in Remarks	Yes 🟒 No .)						

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

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-KCF-16
Remarks: (Explain alternative procedures he	re or in a separate report)	
Covertype is PEM. Area is wetland, all three v	wetland parameters are p	resent.	

Wetland Hydrology Indicators:				
Primary Indicators (minimum of on	e is required; check all tha	i <u>t apply)</u>		Secondary Indicators (minimum of two required)
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	Water-Sta Aquatic F Marl Dep Hydroger Oxidized Presence Recent Iro Thin Muc agery (B7) Other (Ex rface (B8)	ained Leaves (B9) auna (B13) osits (B15) n Sulfide Odor (C1) Rhizospheres on Living Ro of Reduced Iron (C4) on Reduction in Tilled Soils k Surface (C7) plain in Remarks)	ots (C3) 5 (C6)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	Yes _ ✔_ No Yes _ ✔_ No Yes _ ✔_ No	Depth (inches): Depth (inches): Depth (inches):	1 0 0	 Wetland Hydrology Present? Yes №
Describe Recorded Data (stream ga	auge, monitoring well, aeri	al photos, previous inspect	tions), if	available:
Remarks:				
The criterion for wetland hydrolog	/ is met.			

Sampling Point: W-KCF-16_PEM-1

Tree Stratum (Plot size: 30 ft)	Absolute	Dominant	Indicator	Dominance Test works	neet:		
	% Cover	Species?	Status	Number of Dominant S	pecies That	2	(A)
1. Salix nigra	35	Yes	OBL	Are OBL, FACW, or FAC:			
2				Across All Strata	ant Species	2	(B)
3				Percent of Dominant Sr	acies That		
4		·		Are OBL, FACW, or FAC:		100	(A/B)
5		·		Prevalence Index works	sheet:		
6		· ·		Total % Cover	of:	Multiply	<u>By:</u>
/				OBL species	90	x 1 =	90
	35	= Total Cov	er	FACW species	20	x 2 =	40
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	5	x 3 =	15
1		· ·		FACU species	0	x 4 =	0
2				UPL species	0	x 5 =	0
3				Column Totals	115	(A)	145 (B)
4				Prevalence In	dex = B/A =	1.3	<u> </u>
5				Hydrophytic Vegetation	Indicators:		
6				. 1- Ranid Test for H	lvdrophytic V	egetation	
7		······································		. 2 - Dominance Tes	st is $>50\%$	egetation	
	0	= Total Cov	er	✓ 3 - Prevalence Ind	$ex is < 3.0^{1}$		
Herb Stratum (Plot size: <u>5 ft</u>)				4 - Morphological	Adaptations ¹	(Provide	supporting
1. Leersia oryzoides	50	Yes	OBL	data in Remarks or on a	a separate sh	eet)	sabber
2. <i>Phalaris arundinacea</i>	15	No	FACW	Problematic Hydr	ophytic Vege	tation ¹ (Ex	plain)
3. <i>Solidago rugosa</i>	5	No	FAC	¹ Indicators of hydric so	il and wetlan	d hydrolog	gy must be
4. Vernonia noveboracensis	5	No	FACW	present, unless disturb	ed or probler	natic	
5. <i>Lythrum salicaria</i>	5	No	OBL	Definitions of Vegetatio	n Strata:		
6				Tree – Woody plants 3 i	n. (7.6 cm) or	more in c	diameter at
7				breast height (DBH), reg	gardless of h	eight.	
8				Sapling/shrub - Woody	plants less t	han 3 in. D	OBH and
9				greater than or equal to	o 3.28 ft (1 m) tall.	
10				Herb – All herbaceous (non-woody)	plants, reg	gardless of
11				size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines – All wood	ly vines great	er than 3.	28 ft in
	80	= Total Cov	er	height.			
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)		_		Hydrophytic Vegetation	n Present?	⁄es 🟒 N	lo
1.							
2.							
3.							
4.							
	0	= Total Cov	er				
Remarks: (Include photo numbers here or on a separate	sheet)						
A positive indication of hydrophytic vegetation was obse	arved (>50)% of domin	ant species	indexed as ORL FACW o	r FAC)		
			and species				

Profile Desc	ription: (Describe to	o the d	epth needed to d	ocun	nent the	indicator	or confirm the a	bsence of indicat	ors.)
Depth	Matrix		Redox	Feat	ures				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ure	Remarks
0 - 10	10YR 3/1	98	10R 4/6	2	С	М	Silty Cla	y Loam	
·									
·		—							
$^{1}Type C = C$)enleti	on RM = Reduced	Mat	rix MS =	Masked	Sand Grains 2	ocation: PL = Por	e Lining M = Matrix
Hydric Soil I	ndicators:	spreek	,			mashed		Indicators for P	Problematic Hydric Soils ³ :
Histosol	(A1)		Polvvalue Re	low S	urface (58) (I RR I	R. MLRA 149R)		
Histic Fr	pipedon (A2)		Thin Dark Su	rface	(S9) (I RF	R. MIR	A 149B)	2 cm Muck	(A1U) (LKK K, L, MLKA 149B)
Black Hi	stic (A3)		Loamy Muck	v Mir	eral (F1)	(I RR K. I)	Coast Prairi	ie Redox (A16) (LRR K, L, R)
Hvdroge	n Sulfide (A4)		Loamy Gleve	d Ma	trix (F2)		-)	5 cm Mucky	/ Peat or Peat (S3) (LRR K, L, R)
Stratifie	d Lavers (A5)		Depleted Ma	trix (l	=3)			Dark Surfac	ce (S7) (LRR K, L)
Deplete	d Below Dark Surfa	ce (A11) ✓ Redox Dark S	Surfa	ce (F6)			Polyvalue B	elow Surface (S8) (LRR K, L)
Thick Da	ark Surface (A12)		Depleted Da	rk Su	rface (F7)		Thin Dark S	Surface (S9) (LRR K, L)
Sandy M	lucky Mineral (S1)		Redox Depre	ession	ns (F8)	,		Iron-Manga	anese Masses (F12) (LRR K, L, R)
Sandy G	leved Matrix (S4)							Piedmont F	loodplain Soils (F19) (MLRA 149B)
Sandy B	odov (S5)							Mesic Spod	ic (TA6) (MLRA 144A, 145, 149B)
Sanuy K								Red Parent	Material (F21)
Surpped	i Matrix (S6)		2D					Very Shallo	w Dark Surface (TF12)
Dark Su	rface (S7) (LRR R, M	LRA 14	9B)					Other (Expl	ain in Remarks)
³ Indicators	of hydrophytic vege	tation	and wetland hyd	rolog	y must b	e presen	t, unless disturbe	ed or problematic	
Restrictive L	ayer (if observed):								
	Type:		None			Hydric	Soil Present?		Yes 🖌 No
	Depth (inches):			-		,			
Pomarks:	Deptil (menes).								
A positivo ir	dication of hydric o		observed Refus	aldu	o to coar	co from	onto		
A positive ir	Idication of hydric s	SOIL MAS	s observed. Refus	aruu	e to coar	se iragii	ients.		

Photo of Sample Plot North



Photo of Sample Plot East Photo of Sample Plot South



Photo of Sample Plot West

Project/Site: Mill Point	t		City/County:	Fultonville,	Mon	tgomery		Sampling Date:	2020-Nov-09	
Applicant/Owner: C	onnectGen					State: NY		Sampling Point: V	V-KCF-16_UPL-1	
Investigator(s): Kevi	n Ferguson , Ja	y Kaminski	ion, Township, Ra	nge: N	/Α					
Landform (hillslope, te	rrace, etc.):	Flat		Local r	elief	(concave, convex,	none):	None	Slope (%): 0 to 1	
Subregion (LRR or MLF	RA): MLRA	A 144A of LRR R			Lat:	42.91952986	Long:	-74.37595363	Datum: WGS84	
Soil Map Unit Name:	Appleton silt	loam, 3 to 8 per	cent slopes					NWI classifica	ation: None	
Are climatic/hydrologic conditions on the site typical for this time of year? Yes 🖌 No (If no, explain in Remarks.)										
Are Vegetation, Are Vegetation,	Soil _ _/ , Soil,	or Hydrology or Hydrology	significant naturally p	ly disturbed problematic?	?	Are "Normal C (If needed, exp	ircumsi olain an	tances" present? y answers in Rema	Yes 🟒 No Irks.)	

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

Hydrophytic Vegetation Present?	Yes No 🟒		
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒
Wetland Hydrology Present?	Yes No _	If yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures here	e or in a separate report))	
Covertype is UPL. Area is upland, not all three	wetland parameters are	e present. Circumstances are not normal due to agricult	ural activities.
Circumstances are not normal due to mowing	g of vegetation.		
Covertype is UPL. Area is upland, not all three Circumstances are not normal due to mowing	wetland parameters are s of vegetation.	, e present. Circumstances are not normal due to agricult	ural activities.

Wetland Hydrology Indicators:				
Primary Indicators (minimum of on	<u>e is required; check all th</u>	nat apply)	Secondary Indicators (minimum of	<u>of two required)</u>
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	Water-S Aquatic Marl De Hydrog Oxidize Presenc Recent Thin Mu agery (B7)Other (I rface (B8)	itained Leaves (B9) Fauna (B13) eposits (B15) en Sulfide Odor (C1) d Rhizospheres on Living Roots (C3) ee of Reduced Iron (C4) Iron Reduction in Tilled Soils (C6) uck Surface (C7) Explain in Remarks)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial In Stunted or Stressed Plants (D Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 	nagery (C9) 1)
Field Observations:				
Surface Water Present?	Yes No 🟒	Depth (inches):		
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present?	Yes No 🟒
Saturation Present?	Yes No 🟒	Depth (inches):		
(includes capillary fringe)				
Describe Recorded Data (stream ga	auge, monitoring well, ae	rial photos, previous inspections), if	available:	
The criterion for wetland bydrolog	v is not met			
	, is not met.			

Sampling Point: W-KCF-16_UPL-1

Trop Stratum (Diot cize: 20 ft)	Absolute	Dominant	Indicator	Dominance Test workshe	et:		
	% Cover	Species?	Status	Number of Dominant Sp	ecies That	0	(A)
1				Are OBL, FACW, or FAC:			(, ,
2.				Total Number of Domina	nt Species	1	(B)
3.				Across All Strata:			
4.				Percent of Dominant Spe	cies That	0	(A/B)
5.				Are OBL, FACW, or FAC:			
6.				Prevalence Index worksh	eet:		
7.				Total % Cover of	<u>:</u>	<u>Multiply</u>	<u>' By:</u>
	0	= Total Cove	r	OBL species	0	x 1 =	0
Sanling/Shruh Stratum (Plot size: 15 ft)		-		FACW species	0	x 2 =	0
1				FAC species	17	x 3 =	51
1				FACU species	65	x 4 =	260
2.				UPL species	0	x 5 =	0
3	·	<u> </u>		Column Totals	82	(A)	311 (B)
4.				Prevalence Ind	ex = B/A =	3.8	
5.				Hydrophytic Vegetation I	ndicators:		
6				1- Rapid Test for Hv	drophytic V	egetatior	า
7				2 - Dominance Test	is > 50%	0	
	0	= Total Cove	er	3 - Prevalence Index	$is \leq 3.0^1$		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				4 - Morphological A	daptations ¹	(Provide	supporting
1. Dactylis glomerata	60	Yes	FACU	data in Remarks or on a s	separate sh	eet)	supporting
2. <i>Festuca paradoxa</i>	15	No	FAC	Problematic Hydror	phytic Vege	tation ¹ (E	xplain)
3. <i>Trifolium repens</i>	5	No	FACU	¹ Indicators of hydric soil	and wetlan	d hydrolc	gy must be
4. <i>Galium boreale</i>	2	No	FAC	present, unless disturbed	d or probler	matic	0,
5				Definitions of Vegetation	Strata:		
6.				Tree – Woody plants 3 in.	(7.6 cm) or	more in	diameter at
7.				breast height (DBH), rega	rdless of h	eight.	
8.				Sapling/shrub - Woody p	lants less tl	han 3 in.	DBH and
9.				greater than or equal to 3	3.28 ft (1 m) tall.	
10.				Herb – All herbaceous (ne	on-woody)	plants, re	gardless of
11.				size, and woody plants le	ss than 3.2	8 ft tall.	
12				Woody vines – All woody	vines great	er than 3	3.28 ft in
	82	= Total Cove	or	height.			
Woody Vine Stratum (Plot size: 30 ft)	02	-	-1	Hydrophytic Vegetation	Present?	/es I	No 🖌
1							
2				•			
2.							
5							
4							
	0	= lotal Cove	er				
Remarks: (Include photo numbers here or on a separat	e sheet.)						
No positive indication of hydrophytic vegetation was ob	oserved (≥	50% of dom	inant specie	es indexed as FAC– or drier).		

Color (moist) % Color (moist) % Type1 Loc2 Texture Remarks 0 - 10 10/R 3/3 100	(inches) Ool of (moist) M Type! Loc? Toture Remarks 010 1078.3/3 100	(inches)	Matrix		Redox	Feat	ures				
0 - 10 10YR 3/3 100 Silty Clay Loam 10 - 20 10YR 3/2 98 10R 4/6 2 C M Silty Clay Loam 10 - 20 10YR 3/2 98 10R 4/6 2 C M Silty Clay Loam 10 - 20 10YR 3/2 98 10R 4/6 2 C M Silty Clay Loam 10 - 20 10YR 3/2 98 10R 4/6 2 C M Silty Clay Loam 10 - 20 10YR 3/2 98 10R 4/6 2 C M Silty Clay Loam 10 - 20 10YR 3/2 98 10R 4/6 2 C M Silty Clay Loam 10 - 20 10YR 3/2 10 - - - - - 10 - 20 10YR 3/2 - 10 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - <th>010 10YR 3/3 100 </th> <th></th> <th>Color (moist)</th> <th>%</th> <th>Color (moist)</th> <th>%</th> <th>Type¹</th> <th>Loc²</th> <th>Text</th> <th>ure</th> <th>Remarks</th>	010 10YR 3/3 100		Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ure	Remarks
10 - 20 10YR 3/2 98 10R 4/6 2 C M Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Silty Clay Loam Image: Si	10-20 10YR 3/2 98 10R 4/6 2 C M Silty Clay Loam Image: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location; PL = Pore Lining, M = Matrix. Image: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location; PL = Pore Lining, M = Matrix. Image: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location; PL = Pore Lining, M = Matrix. Image: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location; PL = Pore Lining, M = Matrix. Image: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location; PL = Pore Lining, M = Matrix. Image: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location; PL = Pore Lining, M = Matrix. Image: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location; PL = Pore Lining, M = Matrix. Image: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location; PL = Pore Lining, M = Matrix. Image: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location; PL = Pore Lining, M = Matrix. Image: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location; PL = Pore Lining, M = Matrix. Imared: C(3) Loamy Graing And C(3)	0 - 10	10YR 3/3	100					Silty Cla	y Loam	
Image: Specific Solution of the system of	ype: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. 2Location: PL = Pore Lining, M = Matrix. ydric Soil Indicators: Indicators for Problematic Hydric Soils? Histosol (A1)	10 - 20	10YR 3/2	98	10R 4/6	2	С	М	Silty Cla	y Loam	
Image: Speed of the speed spe	Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. -Location: PL = Pore Lining, M = Matrix. Pype: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. -Location: PL = Pore Lining, M = Matrix. Histic Epipedon (A2)										
Ype: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Ydric Soil Indicators: Indicators for Problematic Hydric Soils ³ :	ype: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix, ydric Soil Indicators:										
Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils ³ : – Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) – Histosol (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) – Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) – Byratified Layers (A5) Depleted Matrix (F2) – Stratified Layers (A5) Depleted Matrix (F3) – Sandy Mucky Mineral (S1) Redox Depressions (F8) – Stripped Matrix (S6) Peled Matrix (S6) – Stripped Matrix (S6) Red Parent Material (F21) – Stripped Matrix (S6) Very Shallow Dark Surface (TF12) – Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) – Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks)	Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. yptric Soil Indicators: Indicators for Problematic Hydric Soils?										
Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils*: Histo Sol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histo Epipedon (A2) Thin Dark Surface (S9) (LRR K, L) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Depleted Below Dark Surface (S7) Dark Surface (S7) (LRR K, L) Stratified Layers (A12) Depleted Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Redox (S5) Redox Depressions (F8) Stripped Matrix (S6) Very Shallow Dark Surface (F12) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (F12) Dark Surface (S7) Iron-Manganese Masses (F12) (LRR K, L, R Sandy Redox (S5) Red Parent Material (F21) Stripped Matrix (S6) Very Shallow Dark Surface (F12) 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.	Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils*: Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 1498) 2 cm Muck (A10) (LRR K, L, RA 1498) Histosol (A2) Thin Dark Surface (S9) (LRR R, MLRA 1498) 2 coast Prairie Redox (A16) (LRR K, L, R) Bidsk Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Muck (A16) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F2) Dark Surface (S10) (LRR K, L) Stratified Layers (A5) Depleted Dark Surface (F6) Thin Dark Surface (S10) (LRR K, L) Stratified Layers (A5) Depleted Dark Surface (F6) Thin Dark Surface (S10) (LRR K, L) Stratified Layers (A5) Red ox Depressions (F8) Polyvalue Below Surface (S10) (LRR K, L) Stratified Layers (A5) Red Parent Material (F21) Surface (S7) (LRR A, L), RA (LA 44, 145, 1498) Stratiped Matrix (S6) Red Parent Material (F21) Other (Explain in Remarks) Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. esci. Non eptiht (Inches): None Hydric Soil Present? Yes Depitetion indication of hydric soils was observed. Soil Pres										
Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. ydric Soil Indicators: Indicators for Problematic Hydric Soils ³ : Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR K, L) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Redox (S5) Piedmont Floodplain Soils (F12) (LRR K, L, A) Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149E) Sandy Redox (S5) 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.	Ype: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains, *Location: PL = Pore Lining, M = Matrix, ydric Soil Indicators: Indicators for Problematic Hydric Soils? Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 1499) 2 cm Muck (A10) (LRR K, L, MLRA 1499) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Muck (A10) (LRR K, L, R) Strattfied Layers (A5) Depleted Matrix (F2) Dark Surface (S3) (LRR K, L, R) Depleted Below Dark Surface (A11) Redox Dark Surface (F7) Thin Dark Surface (S12) (LRR K, L, R) Sandy Rdox (S5) Depleted Dark Surface (F7) Horoplain Soil (F19) (MLRA 1448, 145, 1498) Sandy Rdox (S5) Back MIRA 1498) Prove Surface (S12) (LRR K, L, R) Stripped Matrix (S4) Redox Depressions (F8) Prove Surface (T12) (MLRA 1444, 145, 1498) Stripped Matrix (S6) West Spodic (TA6) (MLRA 1444, 145, 1498) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 1498) Other (Explain in Remarks) Mdicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. estrictive Layer (if observed): Type: None Very Shallow Surface (TF12) Opeth (inches): more Hydric Soil Present? Yes										
ype: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. ydric Soil Indicators: Indicators for Problematic Hydric Soils ³ :	ype: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains, 2 Location: PL = Pore Lining, M = Matrix, yptr Soil Indicators in Indicators for Problematic Hydric Soils?										
Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils ² :	Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils? Histos (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) Black Histic (A3) Loamy Gleyed Matrix (F2) Straffied Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Deapleted Matrix (S4) Sandy Gleyed Matrix (S4) Belok Hydrology must be present, unless disturbed or problematic. estrictive Layer (for boreved): Type: Type: None Hydric Soil Present? Yes No/										
Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. 2Location: PL = Pore Lining, M = Matrix. ydric Soil Indicators: Indicators for Problematic Hydric Soils ³ : _ Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) _ Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) _ Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) _ Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) _ Depleted Below Dark Surface (A11) Redox Dark Surface (F6) _ Thic Dark Surface (F1) Thin Dark Surface (F7) _ Thic Dark Surface (A12) Depleted Dark Surface (F7) _ Sandy Mucky Mineral (S1) Redox Depressions (F8) _ Sandy Redox (S5) Bried Matrix (S4) _ Sandy Redox (S5) Depleted Matrix be present, unless disturbed or problematic. _ Stripped Matrix (S6) Other (Explain in Remarks) _ Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks)	Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Ivitic Soil Indicators: Indicators for Problematic Hydric Soils? Histic Epipedon (A2) Thin Dark Surface (S8) (LRR R, MLRA 1498) 2 cm Muck (A10) (LRR K, L, R) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Stratified Layers (A5) Depleted Matrix (F2) Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Polyvalue Below Surface (S8) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F3) Polyvalue Relow Surface (S8) (LRR K, L) Stratified Layers (A5) Depleted Dark Surface (F7) Thin Dark Surface (S1) (LRR K, L, R) Sandy McVy Mineral (S1) Redox Darperssions (F8) Piedmont Floodplain Soils (F19) (MLR A 1498) Sandy McVy Mineral (S1) Redox Depressions (F8) Red Parent Material (F21) Stripped Matrix (S6) Weix (Soid) (TA6) (MRR A 14A, 145, 1498) Other (Explain in Remarks) ndicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. None None Type: None Hydric Soil Present? Yes _ No _ No _ Depistitive indication of hydric soils was observe			·							
Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. ydric Soil Indicators: Indicators for Problematic Hydric Soils ³ : _ Histosol (A1) _ Polyvalue Below Surface (S8) (LRR R, MLRA 149B) _ Histic Epipedon (A2) _ Thin Dark Surface (S9) (LRR R, MLRA 149B) _ Black Histic (A3) _ Loamy Mucky Mineral (F1) (LRR K, L) _ Hydrogen Sulfide (A4) _ Loamy Gleyed Matrix (F2) _ Depleted Below Dark Surface (A11) Redox Dark Surface (F6) _ Thin Dark Surface (F6) _ Thin Dark Surface (F7) _ Sandy Mucky Mineral (S1) _ Redox Depressions (F8) _ Sandy Redox (S5) _ Depleted Matrix (S6) _ Stripped Matrix (S6) _ Dark Surface (S7) (LRR R, MLRA 149B) _ Dark Surface (S7) (LRR R, MLRA 149B) _ Very Shallow Dark Surface (TF12) _ Dark Surface (S7) (LRR R, MLRA 149B) _ Other (Explain in Remarks) _ Stripped Matrix (S6) _ Dark Surface (TF12) _ Other (Explain in Remarks) _ Dark Surface (S7) (LRR R, MLRA 149B) _ Other (Explain in Remarks)	yper. C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. -Location: PL = Pore Lining, M = Matrix. ydric Soil Indicators: Indicators for Problematic Hydric Soils? _ Histosol (A1) _ Polyvalue Below Surface (S3) (LRR R, MLRA 149B) _ Histic Epipedon (A2) _ Thin Dark Surface (S3) (LRR R, MLRA 149B) _ Hydrogen Sulfide (A4) _ Loamy Gleyed Matrix (F2) _ Stratified Layers (A5) _ Depleted Matrix (F3) _ Depleted Bow Dark Surface (A11) _ Redox Dark Surface (F7) _ Thick Dark Surface (A12) _ Depleted Dark Surface (F7) _ Sandy Gleyed Matrix (S4) _ Redox Depressions (F8) _ Sandy Gleyed Matrix (S6) _ Redox Operessions (F8) _ Dark Surface (S7) (LRR R, MLRA 149B) _ Wery Shallow Dark Surface (T12) _ Depleted Bork (S5) _ Red Parent Material (F2) _ Dark Surface (S7) (LRR R, MLRA 149B) _ Very Shallow Dark Surface (T12) _ Dark Surface (S7) (LRR R, MLRA 149B) _ Very Shallow Dark Surface (T12) _ Dark Surface (S7) (LRR R, MLRA 149B) _ Very Shallow Dark Surface (T12) _ Dark Surface (S7) (LRR R, MLRA 149B) _ Very Shallow Dark Surface (T12) _ Dark Surface (S7) (LRR R, MLRA 149B) _ Very Shallow Dark Surface (T12) _ Deptht (inches): _ None <td></td> <td></td> <td>·</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			·							
ype: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. 2Location: PL = Pore Lining, M = Matrix. ydric Soil Indicators: Indicators for Problematic Hydric Soils ³ : _ Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) _ Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) _ Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) _ Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) _ Stratified Layers (A5) Depleted Matrix (F3) _ Depleted Below Dark Surface (A11) Redox Dark Surface (F6) _ Thick Dark Surface (A12) Depleted Dark Surface (F7) _ Sandy Gleyed Matrix (S4) Sandy Redox (S5) _ Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) _ Dark Surface (S7) (LRR R, MLRA 149B) Mesic Spodic (TA6) (MLRA 144, 145, 149E) _ Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) _ ndicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.	ype: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. ydric Soil Indicators: indicators for Problematic Hydric Soils*: Histos (A1) _ Polyvalue Below Surface (S8) (LRR R, MLRA 149B) _ Cast Prairie Redox (A16) (LRR K, L, R)			·		-					
ydric Soil Indicators:Indicators for Problematic Hydric Soils3:	ydric Soil Indicators:Polyvalue Below Surface (S8) (LRR R, MLRA 149B)2 cm Muck (A10) (LRR K, L, MLRA 149B)2 cm Muck (A10) (LRR K, L, MLRA 149B)2 cm Muck (A10) (LRR K, L, NLRA 149B) cm Muck (A11) (LRR K, L, NLRA 149B) cm Muck (A12) Depleted Dark Surface (F7) marks: 0 positive indicators of hydroic soils was observed.	ype: C = C	oncentration, D =	Depletio	n, RM = Reduced	Matı	rix, MS = I	Masked Sand (irains. ² Lo	ocation: PL = Pore Li	ning, M = Matrix.
	Histo Epipedon (A2)	/dric Soil	Indicators:						4 405	Indicators for Prot	plematic Hydric Soils ³ :
	Line Lappeon (vz)	_ Histoso	I (A1)		Polyvalue Bel	ow S	urface (S	5) (LKK R, MLR/	a 149B)	2 cm Muck (A1	0) (LRR K, L, MLRA 149B)
		Black Hi	istic (A3)			/ Min	eral (F1)			Coast Prairie R	edox (A16) (LRR K, L, R)
	Stratified Layers (AS) Depleted Matrix (F3) Dark Surface (S) (LRR K, L) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (S9) (LRR K, L) Thick Dark Surface (A12) Depleted Dark Surface (F7) Thin Dark Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Solis (F19) (MLRA 149E) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Solis (F19) (MLRA 149E) Sandy Redox (S5) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) ndicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. estrictive Layer (if observed): Type: None Hydric Soil Present? Yes No Depth (inches): emarks: Io positive indication of hydric soils was observed. Io positive indication of hydric soils was observed.	Hydroge	en Sulfide (A4)		Loamy Gleve	d Ma	trix (F2)			5 cm Mucky Pe	eat or Peat (S3) (LRR K, L, R)
 Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) Netice (S7) (LRR R, MLRA 149B) Dark Surface (S7) (LRR R, MLRA 149B) Netice (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) 	Depleted Below Dark Surface (A11)Redox Dark Surface (F6)Thin Dark Surface (S9) (LRR K, L)Thin Dark Surface (S9) (LRR K, L) 	Stratifie	d Layers (A5)		Depleted Mat	trix (F	-3)			Dark Surface (: Polyvalue Bolo	5/) (LKK K, L) W Surface (S8) (I PP K L)
	Thick Dark Surface (A12)Depleted Dark Surface (F7)Init Dark Surface (J2) (LRR K, L, R)Init Dark Surface (J2) (LRR K, L, R) _	_ Deplete	d Below Dark Surfa	ace (A11)) Redox Dark S	urfa	ce (F6)			Thin Dark Surf	
Sandy Mucky Mineral (S1)Redox Depressions (F8)Piedmont Floodplain Soils (F19) (MLRA 14 Sandy Gleyed Matrix (S4)Mesic Spodic (TA6) (MLRA 144A, 145, 149E Sandy Redox (S5)Red Parent Material (F21) Stripped Matrix (S6)Very Shallow Dark Surface (TF12) Other (Explain in Remarks) ndicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. estrictive Layer (if observed):	Sandy Mucky Mineral (S1)Redox Depressions (F8)Piedmont Floodplain Soils (F19) (MLRA 1498 Sandy Gleyed Matrix (S4)Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5)Red Parent Material (F21) Stripped Matrix (S6)Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B)Other (Explain in Remarks) ndicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. estrictive Layer (if observed): Type:NoneHydric Soil Present? YesNo Depth (inches): to positive indication of hydric soils was observed.	Thick Da	ark Surface (A12)		Depleted Dar	k Sui	rface (F7)			Iron-Mangane	se Masses (F12) (LRR K. L. R)
	Sandy Gleyed Matrix (S4) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) ndicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. estrictive Layer (if observed): None Hydric Soil Present? Yes No emarks: lo positive indication of hydric soils was observed.	Sandy N	lucky Mineral (S1)		Redox Depre	ssior	ıs (F8)			Piedmont Floo	dplain Soils (F19) (MLRA 149B)
Sandy Redox (S5)Red Parent Material (F21)Very Shallow Dark Surface (TF12)Very Shallow Dark Surface (TF12)Other (Explain in Remarks)Note: the present, unless disturbed or problematic.	Sandy Redox (S5) 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. testrictive Layer (if observed): Type: None Hydric Soil Present? Yes No termarks: to positive indication of hydric soils was observed.	Sandy C	Gleyed Matrix (S4)							Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
	Stripped Matrix (S6) Very Shallow Dark Surface (TF12)Other (Explain in Remarks)Other (Explain in Remarks)	Sandy H	(edox (S5)							Red Parent Ma	iterial (F21)
Other (Explain in Remarks) Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.		Stripped	d Matrix (S6)	AL DA 14(אמ					Very Shallow D	ark Surface (TF12)
Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.	Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.	Dark Su	(11) (LKK K, K	ILKA 145	<i>,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					Other (Explain	in Remarks)
estrictive Layer (if observed):	estrictive Layer (if observed): Type: None Hydric Soil Present? Yes No	ndicators	of hydrophytic veg	etation a	and wetland hydr	ology	y must be	e present, unle	ss disturbe	d or problematic.	
	Type: None Depth (inches):	estrictive	Layer (if observed):								
Type:None Hydric Soil Present? YesNo _∠	Depth (inches): temarks: Io positive indication of hydric soils was observed.		Туре:		None			Hydric Soil Pr	esent?	Y	es No 🟒
Depth (inches):	emarks: lo positive indication of hydric soils was observed.		Depth (inches):								
		lo positive									
		lo positive									
		o positive									

Photo of Sample Plot North



Photo of Sample Plot East Photo of Sample Plot South



Photo of Sample Plot West



Project/Site: Mill Point	City/County: Fultonville, Mon	tgomery	Sampling Date: 202	0-Nov-11						
Applicant/Owner: ConnectGen		State: NY	Sampling Point: W-KC	F-18_PEM-1						
Investigator(s): Kevin Ferguson , Jay Kamins	Sect	tion, Township, Range: N	/A							
Landform (hillslope, terrace, etc.): Swale	Local relief	(concave, convex, none):	Concave	Slope (%): 1 to 3						
Subregion (LRR or MLRA): MLRA 144A of	RR R Lat:	42.87874203 Long:	-74.37495745	Datum: WGS84						
Soil Map Unit Name: Lansing silt loam, 15 to	25 percent slopes		NWI classification	n: None						
Are climatic/hydrologic conditions on the site typical for this time of year? Yes 🖌 No (If no, explain in Remarks.)										
Are Vegetation, Soil, or Hydrol Are Vegetation, Soil, or Hydrol	gy significantly disturbed? gy naturally problematic?	Are "Normal Circums (If needed, explain ar	tances" present? ny answers in Remarks.	Yes No)						

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

Hydrophytic Vegetation Present?	Yes 🟒 No						
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🯒 No				
Wetland Hydrology Present?	Yes No	If yes, optional Wetland Site ID:	W-KCF-18				
Remarks: (Explain alternative procedures here or in a separate report)							
Covertype is PEM. Area is wetland, all three wetland parameters are present.							

Wetland Hydrology Indicators:				
Primary Indicators (minimum of o Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Im Sparsely Vegetated Concave Su	ne is required; check all th Water-5 Aquatic Marl De Hydrog Oxidize Presend Recent Thin Mu hagery (B7) Other (B)	 uired; check all that apply) 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) 7) Other (Explain in Remarks) 3) 		Secondary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (stream g	Yes No Yes No Yes No gauge, monitoring well, ae	Depth (inches): Depth (inches): Depth (inches): rrial photos, previous insp	14 0 ections), if	-
Remarks: The criterion for wetland hydrolog	gy is met.			
Sampling Point: W-KCF-18_PEM-1

Trans Charles (Plate inc. 20 ft.)	Absolute	Dominant	Indicator	Dominance Test worksh	neet:		
<u>Iree Stratum</u> (Plot size: <u>30 ft</u>)	% Cover	Species?	Status	Number of Dominant S	pecies That	1	(A)
1.				Are OBL, FACW, or FAC:		· ·	(~)
2.				Total Number of Domin	ant Species	1	(B)
3.				Across All Strata:		·	(0)
4.		·		Percent of Dominant Sp	ecies That	100	(A/B)
5.				Are OBL, FACW, or FAC:			
6.				Prevalence Index works	heet:		
7.				<u>Total % Cover</u>	<u>of:</u>	<u>Multiply I</u>	<u>By:</u>
···	0	= Total Cove	or	OBL species	35	x 1 =	35
Sapling/Shrub Stratum (Plot size: 15 ft)		-		FACW species	10	x 2 =	20
<u>- Saping/Shilub Stratum</u> (Flot Size, <u>15 h</u>				FAC species	10	x 3 =	30
1		<u> </u>		FACU species	0	x 4 =	0
2.		<u> </u>		UPL species	0	x 5 =	0
3				Column Totals	55	(A)	85 (B)
4.		<u> </u>		Prevalence In	dex = B/A =	1.5	
5.				Hydrophytic Vegetation	Indicators:		
6		<u> </u>		✓ 1- Rapid Test for H	vdrophytic V	egetation	
7				✓ 2 - Dominance Tes	t is >50%	-8	
	0	= Total Cove	er	✓ 3 - Prevalence Inde	ex is $\leq 3.0^1$		
Herb Stratum (Plot size: <u>5 ft</u>)				4 - Morphological	Adaptations ¹	(Provide s	supporting
1. <i>Lythrum salicaria</i>	30	Yes	OBL	data in Remarks or on a	separate sh	eet)	
2. <i>Solidago rugosa</i>	10	No	FAC	Problematic Hydro	phytic Veget	tation ¹ (Ex	olain)
3. <i>Onoclea sensibilis</i>	10	No	FACW	¹ Indicators of hydric soi	l and wetland	d hydrolog	y must be
4. <i>Typha angustifolia</i>	5	No	OBL	present, unless disturbe	ed or probler	matic	
5		<u> </u>		Definitions of Vegetatio	n Strata:		
6				Tree – Woody plants 3 in	n. (7.6 cm) or	more in d	liameter at
7.				breast height (DBH), reg	gardless of h	eight.	
8.				Sapling/shrub - Woody	plants less th	han 3 in. D	BH and
9.				greater than or equal to	o 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous (non-woody)	plants, reg	ardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines - All wood	y vines great	er than 3.2	28 ft in
	55	= Total Cove		height.			
Woody Vine Stratum (Plot size: 30 ft)		-		Hydrophytic Vegetatior	n Present? Y	/es 🟒 N	0
1							
2							
2		<u> </u>					
		<u> </u>					
4							
	0	= Total Cove	er				
Remarks: (Include photo numbers here or on a separate	e sheet.)						
A positive indication of hydrophytic vegetation was obse	erved (>50)% of domin	ant species i	ndexed as OBL, FACW, or	r FAC).		

	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ure Remarks
J - 10	10YR 4/1	90	10YR 4/6	10	С	М	Silty Cla	y Loam
0 - 20	10B 5/1	80	10YR 4/6	20	C	M/PL	Silty Cla	y Loam
				·				
				·				
				·				
pe: C = C	Concentration, D =	Deple	tion, RM = Reduce	ed Ma	trix, MS =	Masked Sand	Grains. ² L	ocation: PL = Pore Lining, M = Matrix.
ric Soil I	ndicators:							Indicators for Problematic Hydric Soils ³ :
Black Hi Hydroge Stratified Deplete Thick Da Sandy W Sandy G Sandy R Strippec Dark Su	stic (A3) en Sulfide (A4) d Layers (A5) d Below Dark Surf ark Surface (A12) fucky Mineral (S1) ileyed Matrix (S4) edox (S5) d Matrix (S6) rface (S7) (LRR R, I	ace (A´	Loamy Muc Loamy Gley ✓ Depleted M Redox Dark Depleted D Redox Dep	ky Mi ved M latrix Surfa ark Su ressic	neral (F1 atrix (F2) (F3) ace (F6) urface (F7 ons (F8)) (LRR K, L) 7)		 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149E) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
dicators	of hydrophytic veg	getatio	n and wetland hy	drolo	gy must k	oe present, un	ess disturbe	ed or problematic.
strictive L	ayer (if observed)	:						· · ·
	Туре:		None			Hydric Soil P	resent?	Yes 🟒 No
	Depth (inches):							
narks:	dication of hydric	soilw	as observed					

Photo of Sample Plot North



Photo of Sample Plot East Photo of Sample Plot South



Photo of Sample Plot West

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Mill Point	t		City/County:	Fultonville,	Mon	tgomery		Sampling Date:	2020-Nov-12
Applicant/Owner: C	onnectGen					State: NY		Sampling Point: W	-KCF-18_PSS-3
Investigator(s): Kevi	n Ferguson , Ja	ıy Kaminski			Sect	ion, Township, R	ange: N	/Α	
Landform (hillslope, te	rrace, etc.):	Depression		Local r	elief	(concave, conve	x, none):	Concave	Slope (%): 1 to 3
Subregion (LRR or MLF	RA): MLR	A 144A of LRR R			Lat:	42.8820672	Long:	-74.37339346	Datum: WGS84
Soil Map Unit Name:	llion silt loan	n, 3 to 8 percent	slopes					NWI classifica	tion: None
Are climatic/hydrologie	c conditions or	n the site typical	for this time	of year?		Yes 🟒 No _	(If no	o, explain in Remark	(S.)
Are Vegetation, Are Vegetation,	Soil, Soil,	or Hydrology or Hydrology	significant naturally p	ly disturbed problematic	l? ?	Are "Normal (If needed, e	Circums xplain an	tances" present? y answers in Rema	Yes 🟒 No rks.)

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

Hydrophytic Vegetation Present?	Yes 🟒 No								
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🯒 No						
Wetland Hydrology Present?	Yes 🟒 No	If yes, optional Wetland Site ID:	W-KCF-18						
Remarks: (Explain alternative procedures here or in a separate report)									
Covertype is PSS. Area is wetland, all three w	vetland parameters are pr	resent.							

HYDROLOGY

Wetland Hydrology Indicators:						
Primary Indicators (minimum of on	e is required; check all tha	<u>at apply)</u>		Secondary Indicators (minimum of two required)		
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	Water-St. Aquatic F Marl Dep Hydroger Oxidized Presence Recent Ir Thin Muc agery (B7) Other (Ex	ained Leaves (B9) Fauna (B13) posits (B15) n Sulfide Odor (C1) Rhizospheres on Living Ro e of Reduced Iron (C4) on Reduction in Tilled Soils ck Surface (C7) cplain in Remarks)	oots (C3) s (C6)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations: Surface Water Present?	Yes 🟒 No	Depth (inches):	0			
Water Table Present?	Yes 🟒 No	Depth (inches):	6	Wetland Hydrology Present? Yes _ No		
Saturation Present?	Yes 🟒 No	Depth (inches):	0			
(includes capillary fringe)						
Describe Recorded Data (stream ga Remarks: The criterion for wetland hydrolog)	auge, monitoring well, aer	ial photos, previous inspec	tions), if	available:		

Sampling Point: W-KCF-18_PSS-3

Trans Charles (Disk sizes - 20 ft -)	Absolute	Dominant	Indicator	Dominance Test works	heet:		
<u>Iree Stratum</u> (Plot Size: <u>30 ft</u>)	% Cover	Species?	Status	Number of Dominant S	Species That	4	(Δ)
1. <i>Fraxinus pennsylvanica</i>	10	Yes	FACW	Are OBL, FACW, or FAC	:		(//)
2. Rhamnus cathartica	5	Yes	FAC	Total Number of Domin	nant Species	7	(B)
3.				Across All Strata:			
4.				Are OBL, FACW, or FAC	pecies That :	57.1	(A/B)
5.				Prevalence Index work	sheet:		
6.	. <u> </u>			Total % Cover	of:	Multiply	<u>By:</u>
7				OBL species	0	x 1 =	0
	15	= Total Cov	er	FACW species	20	x 2 =	40
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)				FAC species	20	x 3 =	60
1. Lonicera morrowii	60	Yes	FACU	FACU species	75	x 4 =	300
2. <i>Rhamnus cathartica</i>	10	No	FAC	UPL species	0	x 5 =	0
3. <i>Ribes americanum</i>	5	No	FACW	Column Totals	115	(A)	400 (B)
4				Prevalence Ir	ndex = B/A =		. ,
5				Hydrophytic Vegetation	n Indicators:		
6				1- Rapid Test for H	-lydrophytic V	legetation	,
7					5000000000000000000000000000000000000	egetation	I
	75	= Total Cov	er	3 - Prevalence Inc	$\log i \le < 3.0^{1}$		
Herb Stratum (Plot size: <u>5 ft</u>)				5 • Morphological	Adaptations1	1 (Provide	supporting
1. <i>Rosa multiflora</i>	5	Yes	FACU	data in Remarks or on	a separate sh	(i rovide neet)	supporting
2. Epilobium ciliatum	5	Yes	FACW	Problematic Hvdr	ophytic Vege	tation ¹ (Ex	(plain)
3. <i>Solidago rugosa</i>	5	Yes	FAC	¹ Indicators of hydric so	il and wetlan	d hvdrolo	gy must be
4.				present, unless disturb	ed or probler	matic	8)
5.				Definitions of Vegetation	on Strata:		
6.				Tree – Woody plants 3	in. (7.6 cm) or	r more in	diameter at
7.				breast height (DBH), re	gardless of h	eight.	
8.				Sapling/shrub - Woody	/ plants less tl	han 3 in. [OBH and
9.				greater than or equal t	o 3.28 ft (1 m) tall.	
10.				Herb – All herbaceous	(non-woody)	plants, re	gardless of
11.				size, and woody plants	less than 3.2	8 ft tall.	
12.				Woody vines – All wood	dy vines great	ter than 3	.28 ft in
	15	= Total Cov	er	height.			
Woody Vine Stratum (Plot size: 30 ft)		-		Hydrophytic Vegetatio	n Present?	res 🟒 N	lo
1. Vitis aestivalis	10	Yes	FACU				
2							
3							
*	10	- Total Cov	or				
	10	- 10tal COV	CI	J			
Remarks: (Include photo numbers here or on a separat	e sheet.)						
A positive indication of hydrophytic vegetation was obs	erved (>50	0% of domin	ant species	indexed as OBL, FACW, o	or FAC).		

inches) Color (moist) % Type1 Lo27 Tecture Remarks 0-12 108 4/1 70 10YR 4/6 30 C M Silty Clay Loam	Depth	Matrix		Redo	k Feat	ures				
0.12 108 4/1 70 107R 4/6 30 C Silty Clay 12.20 107R 5/1 70 107R 4/6 30 C Silty Clay 12.20 107R 5/1 70 107R 4/6 30 C Silty Clay 12.20 107R 5/1 70 107R 4/6 30 C Silty Clay 12.20 107R 5/1 70 107R 4/6 30 C Silty Clay 12.20 107R 5/1 70 107R 4/6 30 C Silty Clay 12.20 107R 5/1 70 107R 4/6 30 C Silty Clay 12.20 107R 5/1 70 107R 4/6 30 C Silty Clay 12.20 107R 5/1 107R 4/6 107R 4/6 107R 4/6 107R 4/6 12.20 107R 4/7 107R 4/6 107R 4/6 107R 4/6 107R 4/6 12.20 107R 4/7 107R 4/6 107R 4/6 107R 4/6 107R 4/6 12.20 107R 4/7 107R 4/7 107R 4/7 107R 4/7 107R 4/7 12.20 107R 4/7	inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texti	ure Remarks	
12-20 10YR 5/1 70 10YR 4/6 30 C Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly Clay Image: Silly	0 - 12	10B 4/1	70	10YR 4/6	30	С	М	Silty Clay	/ Loam	
ge: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators: Indicators: Histo Epipedon (A2) Thin Dark Surface (S3) (LRR R, MLRA 149B) 2 cm Muck (A1) (LRR K, L, R) Black Histic (A3) Loamy Gleyed Matrix (F2)	12 - 20	10YR 5/1	70	10YR 4/6	30	С		Silty (Clay	
mining										
per C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. Indicators Indicators for Problematic Hydric Soils* Histos (IA1)										
ype: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. indicators for Problematic Hydric Soils? Indicators for Problematic Hydric Soils? Histicol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, R) Black Histic (A3) Loamy Gleged Matrix (F2)										
ype: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Histos Soli Indicators: Histos Soli (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Listic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) Stratified Layers (A5) Depleted Matrix (F2) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Sandy Gleyed Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) Sitriped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) Jotar Surface (S7) (LRR R, MLRA 149B) Medicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Istrictive Layer (fobserved): Type: Depth (inches): mmarks: positive indication of hydric soil was observed.										
ype: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. rdric Soil Indicators: Indicators for Problematic Hydric Soils? Histoc Epipedon (A2) Thin Dark Surface (S8) (LRR R, MLRA 149B)										
ype: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. ydric Soil Indicators: Indicators for Problematic Hydric Soils? +Histos (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MRA 149B) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) - S cm Mucky Peat or Peat (S3) (LRR K, L, R) Stratified Layers (A5) Z Depleted Matrix (F2) - Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Z Depleted Dark Surface (F6) - Thin Dark Surface (S9) (LRR K, L) Thick Dark Surface (A11) Redox Dark Surface (F7) - Thin Dark Surface (S9) (LRR K, L) Sandy Gleyed Matrix (S6) - Peleted Dark Surface (F7) - Thin Dark Surface (S9) (LRR K, L) Sandy Redox (S5) - Redox Depressions (F8) - Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Redox (S5) - Red Parent Material (F21) - Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) - Other (Explain in Remarks) - Other (Explain in Remarks) idicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. - Non	<u> </u>									
ype: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. dric Soil Indicators: 										
ype: C concentration, D = Depletion, RM = Reduced Matrix, M = Masked Sand Grains. -totor, Pt = Problematic Hydric Soils*: Histosol (A1)					- <u></u>			and Cusing 21		
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) Black Histic (A3)Loamy Gleyed Matrix (F2)Depleted Matrix (F3)Doylvalue Below Surface (S3) (LRR K, L, R) Depleted Below Dark Surface (A11)Redox Dark Surface (F6)Thic Dark Surface (S12) (LRR K, L)Depleted Dark Surface (F7)Thic Dark Surface (A12)Depleted Dark Surface (F7)Thin Dark Surface (S12) (LRR K, L)Sandy Mucky Mineral (S1)Redox Depressions (F8)Med Parent Material (F21)Sandy Redox (S5)Red Parent Material (F21)Ned Parent Material (F21)Other (T6) GMLRR 1449A145, 149B)Other (T6) GMLRR 1444, 145, 149B)Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic Type:None Hydric Soil Present? YesNo marks: yos	/pe: C = C /dric Soil	ndicators:	Deplet	ion, kivi = Keduce	u Mat	11X, MS =	iviasked S	and Grains. ² Le	Indicators for Problematic Hydric Soils ³ :	
Histic Epipedon (A2)	Histosol	(A1)		Polyvalue Be	elow S	urface (S	8) (LRR R,	MLRA 149B)	2 cm Muck (A10) (I RR K. I. MI RA 149R)	
Black Histic (A3)Loamy Mucky Mineral (F1) (LRR K, L)S rm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4)Loamy Gleyed Matrix (F2)Dark Surface (S7) (LR K, L) Stratified Layers (A5)Depleted Matrix (F3)Depleted Below Dark Surface (A12)Depleted Dark Surface (F6)Irion-Manganese Masses (F12) (LRR K, L, R) Sandy Mucky Mineral (S1)Redox Depressions (F8)Iroon-Manganese Masses (F12) (LRR K, L, R) Sandy Gleyed Matrix (S6)Nedox (S5)Nedox (S5)Nedox (S5)Nedox (S5)Nedox (S6)Netrate (S7) (LRR R, MLRA 1449B)Note (T12)Note (T12	_ Histic Ep	oipedon (A2)		Thin Dark Si	urface	(S9) (LRF	R, MLRA	149B)	Coast Prairie Redox (A16) (LRR K. L. R)	
Lydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) Depleted Matrix (F3) Polyvalue Below Surface (S8) (LRR K, L) Polyvalue Below Surface (S9) (LRR K, L) Thin Dark Surface (A12) Depleted Dark Surface (F7) Thin Dark Surface (S7) (LRR K, L) Thin Dark Surface (S7) Polyvalue Below Surface (S8) (LRR K, L) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 149E Sandy Gleyed Matrix (S6) Nesic Spodic (TA6) (MLRA 144B) Other (Explain in Remarks) deface (TF12) Dark Surface (S7) (LRR K, MLRA 149B) Other (Explain in Remarks) deface (TF12) Other (Explain in Remarks) Other (Explain in Remarks) deface (S7) (LRR K, MLRA 149B) Other (Explain in Remarks) deface (S7) (LRR K, MLRA 149B) Other (Explain in Remarks) deface (S7) (LRR K, MLRA 149B) Other (Explain in Remarks) deface (S7) (LRR K, MLRA 149B)	_ Black Hi	stic (A3)		Loamy Mucl	ky Mir	eral (F1)	(LRR K, L)		5 cm Mucky Peat or Peat (S3) (LRR K. L.	R)
Stratified Layers (A5)	_ Hydroge	en Sulfide (A4)		Loamy Gley	ed Ma	trix (F2)			Dark Surface (S7) (LRR K, L)	•
Luepieter Below Dark Surface (A11) Redox Dark Surface (F2) Thin Dark Surface (S9) (LRR K, L) Thick Dark Surface (A12) Depleted Dark Surface (F7) Iron-Manganese Masses (F12) (LRR K, L, R) Sandy Mucky Mineral (S1) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 149E) Sandy Redox (S5) Red Parent Material (F21) Very Shallow Dark Surface (TF12)	_Stratifie	d Layers (A5)		Depleted M	atrix (l	-3)			Polyvalue Below Surface (S8) (LRR K, L)	
Linkt Dark Sufface (A12)Depleted Dark Sufface (F7)Iron-Manganese Masses (F12) (LRR K, L, R)Piedmont Floodplain Soils (F19) (MLRA 1498)Nesic Spodic (TA6) (MLRA 1448, 145, 1498)Nesic Spodic (TA6) (MLRA 1448, 145, 1498)Need Parent Material (F21)Need Parent Material (F21)Nerget Matrix (S6)Vyry Shallow Dark Sufface (S7) (LRR R, MLRA 1498)Other (Explain in Remarks)Other (Explain in Remarks)Nother (Explain in Remarks)Nother (Explain of hydric soil was observedNotherNOtherNOtherNOtherNOtherNOtherNOther	_ Deplete	d Below Dark Surfa	ace (A1	1) Redox Dark	Surfa	ce (F6)			Thin Dark Surface (S9) (LRR K, L)	
Sandy Mucky Milleral (S1)	Thick Da	ark Surface (A12)		Depleted Da	ark Su	face (F7))		Iron-Manganese Masses (F12) (LRR K, L	., R)
	_ Sandy N	lucky Mineral (ST)		Redox Depr	essior	is (F8)			Piedmont Floodplain Soils (F19) (MLRA	149B)
	_ Sandy G	leyed Matrix (S4)							Mesic Spodic (TA6) (MLRA 144A, 145, 14	49B)
Stripped Matrix (S6) Very Shallow Dark Surface (TF12)Other (Explain in Remarks) Other (Explain in Remarks) 	_ Sandy R	edox (S5)							Red Parent Material (F21)	
Dark Surface (S7) (LRR R, MLRA 149B)Other (Explain in Remarks) hdicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. estrictive Layer (if observed): Type:None Hydric Soil Present? Yes No Depth (inches): prarks: positive indication of hydric soil was observed.	_ Stripped	l Matrix (S6)							Very Shallow Dark Surface (TF12)	
hdicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. estrictive Layer (if observed): Type: None Depth (inches): emarks: positive indication of hydric soil was observed.	_ Dark Su	rface (S7) (LRR R, N	/ILRA 14	49B)					Other (Explain in Remarks)	
estrictive Layer (if observed): Type: None Depth (inches): Provide a structure of hydric soil was observed. Provide a structure of hydric soil was observed.	ndicators	of hydrophytic veg	etatior	and wetland hyd	Irolog	y must b	e present,	unless disturbe	d or problematic.	
Type: None Hydric Soil Present? Yes _ No	estrictive l	.ayer (if observed): 								
Depth (inches): emarks: positive indication of hydric soil was observed.		Туре:		None	-		Hydric S	oil Present?	Yes 🟒 No	
emarks: positive indication of hydric soil was observed.		Depth (inches):								
	marks: positive ir	ndication of hydric	soil wa	is observed.						

Photo of Sample Plot North



Photo of Sample Plot East Photo of Sample Plot South



Photo of Sample Plot West

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Mill Point	t		City/County:	Fultonville, M	lontgomery			Sampling Date:	2020-Nov-12
Applicant/Owner: C	onnectGen				State	e: NY		Sampling Point: V	V-KCF-18_PUB-2
Investigator(s): Kevi	n Ferguson , Ja	ay Kaminski		S	ection, Tow	nship, Ra	nge: N	/Α	
Landform (hillslope, te	rrace, etc.):	Depression		Local rel	ief (concave	e, convex,	none):	Concave	Slope (%): 0 to 1
Subregion (LRR or MLF	RA): MLR	A 144A of LRR R		Li	at: 42.8824	4415	Long:	-74.37408695	Datum: WGS84
Soil Map Unit Name:	N/A (Water)							NWI classifica	ation: PUS
Are climatic/hydrologie	c conditions o	n the site typical	for this time	of year?	Yes	∕_ No	(If no	o, explain in Remar	ks.)
Are Vegetation, Are Vegetation,	Soil, Soil,	or Hydrology or Hydrology	significant naturally	ly disturbed? problematic?	Are ' (If ne	'Normal (eded, ex	Circumst plain an	tances" present? y answers in Rema	Yes 🟒 No arks.)

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

Hydrophytic Vegetation Present?	Yes 🟒 No		
Hydric Soil Present?	Yes 🟒 No	Is the Sampled Area within a Wetland?	Yes 🟒 No
Wetland Hydrology Present?	Yes 🟒 No	lf yes, optional Wetland Site ID:	W-KCF-18
Remarks: (Explain alternative procedures he	ere or in a separate report)	
Covertype is PUB. Area is wetland, all three	wetland parameters are p	resent.	

HYDROLOGY

Wetland Hydrology Indicators:						
Primary Indicators (minimum of or	ne is required; check all	<u>that apply)</u>		Secondary Indicators (minimum of two re	<u>equired)</u>	
 ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) ✓ Inundation Visible on Aerial Ima Sparsely Vegetated Concave Su 	Water- Aquati Marl D Hydroj Oxidiz Preser Recent Thin M agery (B7) Other urface (B8)	Stained Leaves (B9) ic Fauna (B13) Deposits (B15) gen Sulfide Odor (C1) ed Rhizospheres on Living nce of Reduced Iron (C4) t Iron Reduction in Tilled So Juck Surface (C7) (Explain in Remarks)	Roots (C3) bils (C6)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 		
Field Observations:						
Surface Water Present?	Yes 🟒 No	Depth (inches):	12	_		
Water Table Present?	Yes 🟒 No	Depth (inches):	0	Wetland Hydrology Present? Yes	🗸 No	
Saturation Present?	Yes 🟒 No	Depth (inches):	0	_		
(includes capillary fringe)						
Describe Recorded Data (stream g Remarks: The criterion for wetland hydrolog	sauge, monitoring well, a	erial photos, previous insp	ections), if	available:		

Sampling Point: W-KCF-18_PUB-2

M Cause Causie 2 Chatter Newslow of Developed Causie That	
<u> % Cover species: Status</u> Number of Dominant species that Are OBL EACW or EAC:	1 (A)
Total Number of Dominant Species	
Across All Strata:	1 (B)
3 Percent of Dominant Species That	
4 Are OBL, FACW, or FAC:	100 (A/B)
5 Prevalence Index worksheet:	
6 Total % Cover of: Mult	<u>ply By:</u>
/ OBL species 30 x 1 =	30
$\frac{0}{100} = \text{Total Cover}$ FACW species 0 x 2 =	0
Sapling/Shrub Stratum (Plot size:) FAC species 0 x 3 =	0
1 FACU species 0 x 4 =	0
2 UPL species 0 x 5 =	0
3 Column Totals 30 (A)	30 (B)
4 Prevalence Index = B/A =	
5 Hydrophytic Vegetation Indicators:	
6	tion
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
$\frac{0}{1} = \text{Total Cover}$	
Herb Stratum (Plot size: <u>5 ft</u>)	ide supporting
1. <u>Leersia oryzoides</u> <u>20</u> Yes OBL data in Remarks or on a separate sheet)	ide supporting
2. Juncus effusus 5 No OBL Problematic Hydrophytic Vegetation	¹ (Explain)
3. Lemna minor 5 NoOBL1Indicators of hydric soil and wetland hydric	ology must be
4 present, unless disturbed or problematic	0,
5 Definitions of Vegetation Strata:	
6 Tree – Woody plants 3 in. (7.6 cm) or more	in diameter at
7 breast height (DBH), regardless of height.	
8. Sapling/shrub – Woody plants less than 3	in. DBH and
9. greater than or equal to 3.28 ft (1 m) tall.	
10. Herb – All herbaceous (non-woody) plants	, regardless of
11. size, and woody plants less than 3.28 ft ta	II.
12. Woody vines – All woody vines greater that	n 3.28 ft in
30 = Total Cover	
Woody Vine Stratum (Plot size:30 ft) Hydrophytic Vegetation Present? Yes	<u>No</u>
1.	
2.	
3.	
4.	
0 = Total Cover	
Remarks: (Include photo numbers here or on a separate sheet.)	
A positive indication of hydrophytic vegetation was observed (>50% of dominant species indexed as OBL, FACW, or FAC).	

Sampling Point: W-KCF-18_PUB-2

nches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ture Remarks
0 - 6	10B 3/1	100		_ _ _			Mucky S	silty Clay
		· ·						
		· ·						
	opcontration D -	Doplatia	n PM - Poducod				nd Crains 2	ocation: DL - Doro Lining M - Matrix
hric Soil I	ndicators:	Depietio	n, Rivi – Reduceu	wau	1X, 1VIS -	IVIASKEU Sa		Indicators for Problematic Hydric Soils ³
Histosof Histic Ep Black Hi Hydroge Stratifie Deplete Thick Da Sandy M Sandy G Sandy R Strippec Dark Su	(AT) ipedon (A2) stic (A3) en Sulfide (A4) d Layers (A5) d Below Dark Surfa rk Surface (A12) lucky Mineral (S1) leyed Matrix (S4) edox (S5) I Matrix (S6) rface (S7) (LRR R, N	ace (A11) ILRA 149	 Polyvalue Bel Thin Dark Sur Loamy Mucky Loamy Gleyed Depleted Mate Redox Dark S Depleted Dar Redox Depres 	ow S face / Min d Ma crix (F urfac k Sur ssion	(S9) (LRR eral (F1) trix (F2) (3) e (F6) face (F7) s (F8)	8) (LRR K, I) (LRR K, L)	49B)	 2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149 Mesic Spodic (TA6) (MLRA 144A, 145, 149E Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
dicators	of hydrophytic veg	etation a	and wetland hydr	ology	/ must be	e present,	unless disturbe	ed or problematic.
strictive l	ayer (if observed):							
	Type: Depth (inches):		None			Hydric So	il Present?	Yes _ 🖌 No
marks: positive ir	idication of hydric	soil was	observed.					

Photo of Sample Plot North



Photo of Sample Plot East Photo of Sample Plot South



Photo of Sample Plot West



WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Mill Point	City/County: Fultonville, Montg	gomery	Sampling Date: 202	0-Nov-11
Applicant/Owner: ConnectGen		State: NY	Sampling Point: W-KC	F-18_UPL-1
Investigator(s): Kevin Ferguson , Jay Kaminski	Sectio	on, Township, Range: N	/A	
Landform (hillslope, terrace, etc.): Hillslope	Local relief (c	oncave, convex, none):	Concave	Slope (%): 1 to 3
Subregion (LRR or MLRA): MLRA 144A of LRR R	Lat: 4	2.87885299 Long:	-74.37495921	Datum: WGS84
Soil Map Unit Name: Lansing silt loam, 15 to 25 p	ercent slopes		NWI classification	n: None
Are climatic/hydrologic conditions on the site typical	for this time of year?	Yes 🟒 No (If no	o, explain in Remarks.)	
Are Vegetation Soil or Hydrology Are Vegetation Soil or Hydrology	significantly disturbed? naturally problematic?	Are "Normal Circums (If needed, explain an	tances" present? ly answers in Remarks.	Yes 🟒 No)

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

Hydrophytic Vegetation Present?	Yes No 🟒							
Hydric Soil Present?	Yes No 🟒	Is the Sampled Area within a Wetland?	Yes No 🟒					
Wetland Hydrology Present?	Yes No 🟒	If yes, optional Wetland Site ID:						
Remarks: (Explain alternative procedures here or in a separate report)								
Covertype is UPL. Area is upland, not all three	e wetland parameters are	e present. Circumstances are not normal due to mowing	g of vegetation.					

HYDROLOGY

Wetland Hydrology Indicators:		
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) 	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)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes! Water Table Present? Yes! Saturation Present? Yes! (includes capillary fringe) Describe Recorded Data (stream gauge, monitor)	No Depth (inches): No Depth (inches): No Depth (inches): Depth (inches):	Wetland Hydrology Present? Yes No
Remarks: The criterion for wetland hydrology is not met.		

Sampling Point: W-KCF-18_UPL-1

<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)	Absolute % Cover	Dominant	Indicator Status	Dominance Test worksho	eet: Decies That		
1 Dactulis domerata	60	Voc	FACIL	Are OBL, FACW, or FAC:		1	(A)
Tarayacum officinale	30	Ves	FACU	Total Number of Domina	ant Species		(D)
3			17.00	Across All Strata:			(B)
4				Percent of Dominant Spe	ecies That	33.3	(A/B)
5				Are OBL, FACW, or FAC:			(/ (/ D)
6.				Prevalence Index works	neet:		
7.				<u>Total % Cover o</u>	<u>of:</u>	Multiply	<u>By:</u>
	90	= Total Cov	er	OBL species	0	x 1 =	0
Sapling/Shrub Stratum (Plot size: 15 ft)		-		FACW species	0	x 2 =	0
1.				FAC species	10	x 3 =	30
2		·		FACU species	90	x 4 =	360
3.				UPL species	0	x 5 =	0
4.				Column Totals	100	(A)	390 (B)
5.				Prevalence Inc	dex = B/A =	3.9	
6				Hydrophytic Vegetation	Indicators:		
7				1- Rapid Test for Hy	ydrophytic V	egetation/	
		= Total Cov	or.	2 - Dominance Test	t is > 50%		
Herb Stratum (Plot size: 5 ft)	0	-		3 - Prevalence Inde	$x \text{ is} \leq 3.0^1$		
1 Festuca paradoxa	10	Ves	FAC	4 - Morphological A	Adaptations	(Provide	supporting
2	10		inc	data in Remarks or on a	separate sh	ieet)	
3		·		Problematic Hydro	phytic Vege	tation ¹ (Ex	plain)
		·		¹ Indicators of hydric soil	and wetlan	d hydroloរ្	gy must be
*		·		present, unless disturbe	d or problei	matic	
s				Definitions of Vegetation	n Strata:		
0				Iree – Woody plants 3 in	1. (7.6 cm) 01 ardlass of b	r more in o	liameter at
/				Sapling/shrub Woodyr	aluiess of fi	eigi it. han 3 in 17	NRH and
o				greater than or equal to	3.28 ft (1 m) tall.	Diranu
5				Herb – All herbaceous (n	on-woody)	plants, reg	ardless of
10		·		size, and woody plants le	ess than 3.2	8 ft tall.	
12		·		Woody vines - All woody	vines great	ter than 3.	28 ft in
12		- Tatal Car		height.	0		
	10	= 10tal Cov	er	Hydrophytic Vegetation	Present?	/es N	0 🖌
<u>woody vine Stratum</u> (Plot size: <u>30 ft</u>)							
1		·					
2.		·					
3		·					
4							
	0	= Iotal Cov	er				
Remarks: (Include photo numbers here or on a separate	e sheet.)						
No positive indication of hydrophytic vegetation was ob	served (\geq	50% of dom	inant specie	es indexed as FAC– or drie	r).		

Color (moist) % Color (moist) % Type' Loc2 Texture Remarks 101 107R 3/3 100	color (moist) % Color (moist) % Type* Loc* Texture Remarks 0.1 10YR 3/2 100	Depth	Matrix		Redox	Feat	ures				
1 10YR 3/3 100 Silty Clay Loam - 20 10YR 3/2 100 Silty Clay Loam - 20 10YR 3/2 100 Silty Clay Loam - 20 10YR 3/2 100 Silty Clay Loam - 20	0-1 10/R 3/2 100 Silty Clay Learn -20 10/R 3/2 100 Silty Clay Learn -21 10/R 3/2 100 Silty Clay Learn -22 10/R 3/2 100 Silty Clay Learn -23 10/R 3/2 100 Silty Clay Learn -24 -25 Silty Clay Learn Silty Clay Learn -25 -27 -27 Silty Clay Learn -26 -27 -27 Silty Clay Learn -27 -27 -27 -27 -27 -27 -27 -27 -27 -27 -27 -27 -27 -27 -27 -27 </th <th>inches)</th> <th>Color (moist)</th> <th>%</th> <th>Color (moist)</th> <th>%</th> <th>Type¹</th> <th>Loc²</th> <th>Tex</th> <th>ture Remarks</th> <th></th>	inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Tex	ture Remarks	
-20 10YR 3/2 100 Silty Clay Loam Silty Clay Loam Silty Cla	1-20 10YR 3/2 100 Silty Clay Loam Silty Clay Klay Loam Soat Prain Redox Alothy Ray Lay Loam	0 - 1	10YR 3/3	100		_			Silty Cla	ay Loam	
be: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ?Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils?: Histosol (A1)	pic C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. -Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils* Histic Epipedon (A2)	1 - 20	10YR 3/2	100		_			Silty Cla	ay Loam	
with the second seco	pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators for Problematic Hydric Soils* Indicators for Problematic Hydric Soils* Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 1498) Coast Prairie Reduced (A10) (LRR K, L, RLRA 1498) Black Histic Cay					_					
we: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils ³ : Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	mining										
weil: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils ³ : Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Black Histic (A3)	pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. Indicators: Indicators for Problematic Hydric Soils*. Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Black Histic (A3) Loamy Gleyed Matrix (F2) Coast Prairie Redox (A16) (LRR K, L, R) Polyvalue Below Surface (S8) (LRR K, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Polytalitic Lays Depleted Matrix (F2) Dark Surface (S9) (LRR K, L) Stratified Layers (A5) Depleted Dark Surface (F7) Dark Surface (S9) (LRR K, L) Polytalue Below Dark Surface (A11) Redox Depressions (F8) Piedmont Floodplain Soils (F19) (MLRA 144P, 145, 149B) Sandy Rdev (S5)										
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De: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. ² Location: PL = Pore Lining, M = Matrix. rric Soil Indicators: Indicators for Problematic Hydric Soils ² : Histic Spipedon (A2)	pe: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. *Location: PL = Pore Lining, M = Matrix. tric Soil Indicators: Indicators for Problematic Hydric Soils*: Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, RR Black Histic (A3) Damy Mucky Mineral (F1) (LRR K, L) S cm Mucky Peat or Peat (S3) (LRR K, L) Hydrogen Sulfide (A4) Damy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) Depleted Blow Dark Surface (A11) Depleted Dark Surface (F6) Dhyalue Below Surface (S9) (LRR K, L) Thick Dark Surface (A12) Depleted Dark Surface (F7)										
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black Histic (AS)	Back Mistic (K4)		Dipedon (A2)		Thin Dark Sur	face	(S9) (LRR	R, MLRA 1	49B)	Coast Prairie Redox (A16) (LRR K, L, F	R)
Induction of the defendation (12) Stratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thin Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) Licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type: None Depth (inches): Dark Surface (S7) (LRR R, MLRA 149B)	In Strogen Banks (IP)	Hydrog	n Sulfide (A4)		Loamy Glever	d Ma	trix (F2)			5 cm Mucky Peat or Peat (S3) (LRR K	, L, R)
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Sandy Gleyed Matrix (S4)	Sandy Gleyed Matrix (S4) Mesic Spodic (TA6) (MLRA 143L 149B) Sandy Redox (S5) Mesic Spodic (TA6) (MLRA 144B) Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): None Hydric Soil Present? Yes No Yes No Index 144 marks: positive indication of hydric soils was observed.	Sandy N	lucky Mineral (S1)		Redox Depre	ssion	is (F8)			ITOTI-Manganese Masses (FT2) (LRK F	N, L, K) DA 1708
Sandy Redox (S5) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type: None Hydric Soil Present? Yes No<	Sandy Redox (S5)	Sandy C	Gleyed Matrix (S4)							Mesic Spodic (TA6) (MI BA 144A 145	149B)
Stripped Matrix (S6)	Stripped Matrix (S6)	Sandy F	edox (S5)							Red Parent Material (F21)	, 1490)
Dark Surface (S7) (LRR R, MLRA 149B) O (Joher (Explain in Remarks) licators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type: None Depth (inches):	Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed): Type: Depth (inches): marks: positive indication of hydric soils was observed.	_ Strippe	d Matrix (S6)							Very Shallow Dark Surface (TF12)	
icators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. trictive Layer (if observed): Type: None Hydric Soil Present? Yes No _✓ Depth (inches):	dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. strictive Layer (if observed): Type: None Hydric Soil Present? Yes No _	_ Dark Su	rface (S7) (LRR R, N	/LRA 149	9B)					Other (Explain in Remarks)	
trictive Layer (if observed): Type:NoneHydric Soil Present? YesNo _∠	strictive Layer (if observed):	dicators	of hydrophytic yeg	etation a	and wetland hydr	റിറമ	/ must be	nresent	inless disturbe	ed or problematic	
Type: None Depth (inches): Yes	Type: <u>None</u> Depth (inches): Yes <u>No</u> <u>Yes</u> No <u>Yes</u> narks: positive indication of hydric soils was observed.	strictive	Laver (if observed):				,				
Depth (inches):	Depth (inches): narks: positive indication of hydric soils was observed.		Type:		None			Hvdric So	il Present?	Yes No 🖌	
	positive indication of hydric soils was observed.		Depth (inches):								
	positive indication of hydric soils was observed.	marks									

Photo of Sample Plot North



Photo of Sample Plot East



Northcentral and Northeast Region -- Version 2.0 Adapted by TRC

Photo of Sample Plot South



Photo of Sample Plot West

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Mill Point	t		City/County:	Fultonville,	Mon	tgomery		Sampling Date:	2020-Nov-12	
Applicant/Owner: C	onnectGen					State: NY		Sampling Point:	W-KCF-18_UPL-2	
Investigator(s): Kevi	n Ferguson , Ja	y Kaminski			Sect	ion, Township, F	ange: N	/A		
Landform (hillslope, te	rrace, etc.):	Hillslope		Local r	elief	(concave, conve	x, none):	Convex	Slope (%):	5 to 10
Subregion (LRR or MLF	RA): MLRA	A 144A of LRR R			Lat:	42.88252496	Long:	-74.37405244	Datum: W	/GS84
Soil Map Unit Name:	llion silt loam	n, 3 to 8 percent	slopes					NWI classific	ation: None	
Are climatic/hydrologic	c conditions or	the site typical	for this time	of year?		Yes 🟒 No _	(If no	o, explain in Rema	rks.)	
Are Vegetation, Are Vegetation,	Soil, Soil,	or Hydrology or Hydrology	significant naturally p	ly disturbed problematic	l? ?	Are "Normal (If needed, e	Circums xplain an	tances" present? y answers in Rem	Yes 🟒 No arks.)	

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

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

HYDROLOGY

Wetland Hydrology Indicators:				
Primary Indicators (minimum of on	Secondary Indicators (minimum of	<u>two required)</u>		
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Sur 	Water-S Aquatic Marl De Hydrog Oxidize Presend Recent Thin Mu gery (B7) Other (I rface (B8)	Stained Leaves (B9) Fauna (B13) eposits (B15) en Sulfide Odor (C1) d Rhizospheres on Living Roots (C3) ce of Reduced Iron (C4) Iron Reduction in Tilled Soils (C6) uck Surface (C7) Explain in Remarks)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 	gery (C9)
Field Observations:				
Surface Water Present?	Yes No 🟒	Depth (inches):	_	
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present?	Yes No _
Saturation Present?	Yes No 🟒	Depth (inches):	_	
(includes capillary fringe)				
Describe Recorded Data (stream ga	uge, monitoring well, ae	rial photos, previous inspections), if	available:	
Remarks:				
The criterion for wetland hydrology	'is not met.			

Sampling Point: W-KCF-18_UPL-2

<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That	1	(1)
1. Prunus serotina	25	Yes	FACU	Are OBL, FACW, or FAC:	-	(A)
2.				Total Number of Dominant Species	1	(P)
3				Across All Strata:		(D)
4				Percent of Dominant Species That	25	(A/R)
5				Are OBL, FACW, or FAC:		(/ (/ D)
6				 Prevalence Index worksheet: 		
7				- <u>Total % Cover of:</u>	<u>Multiply</u>	<u>' By:</u>
···		- Total Cav	or	- OBL species 0	x 1 =	0
Carling (Church Structure (Distributed AF ft.)	25	- 10tal Cov	er	FACW species 10	x 2 =	20
Sapling/Shrub Stratum (Plot size: <u>15 ft</u>)	70		EA CL	FAC species 20	x 3 =	60
1. Lonicera morrowii	/0	Yes	FACU	- FACU species 100	x 4 =	400
2. Rhamnus cathartica	15	No	FAC	- UPL species 0	x 5 =	0
3. <u>Cornus alba</u>	10	No	FACW	- Column Totals 130	(A)	480 (B)
4				Prevalence Index = B/A =	3.7	. ,
5						
6				1 Dapid Test for Hydrophytic	Vogotation	-
7					vegetatioi	I
	95	= Total Cov	er	2 - Dominance less is > 30%		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)		_		$3 - \text{Prevalence index is } 3.0^{\circ}$	1 (Duessiale	
1. Solidago rugosa	5	Yes	FAC	4 - Morphological Adaptations	boot)	supporting
2.				- uata ili Remarks of off a separate s	neet)	valain)
3.				Indicators of budris coil and wetlan		xpiairi)
4.				- Indicators of Hydric soil and wettal	iu nyuroiu matic	gy must be
5.				Definitions of Vegetation Strata:	inatic	
6				Tree Woody plants 2 in (7.6 cm)	r moro in	diamotor at
7				hreast height (DBH) regardless of h		ulameter at
o				Sanling/shrub - Woody plants less	than 3 in 1	DBH and
o				greater than or equal to 3 28 ft (1 n	n) tall	DDH and
5				Herb – All herbaceous (non-woody)	nlants re	gardless of
10				size, and woody plants less than 3.	28 ft tall.	Baraicss of
11				Woody vines – All woody vines great	ter than 3	28 ft in
12				- height.		
	5	= Total Cov	er	Hydrophytic Vogotation Procent?	Voc I	
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft</u>)				Hydrophytic vegetation Present?	res I	NU <u>/</u>
1. <u>Vitis aestivalis</u>	5	Yes	FACU	-		
2.				_		
3				_		
4.						
	5	= Total Cov	er			
		-				
No positive indication of hydrophytic vegetation wa	arate sneet.) s observed (≥	50% of dom	inant speci	es indexed as FAC– or drier).		

nches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ure Remarks	
0 - 8	10YR 3/2	100		_			Silty Cla	y Loam	
				_					
				—					
		_		_					
				_					
				_					
				—					
oe: C = C	Concentration, D = I	Depletio	n, RM = Reduced	Mati	rix, MS =	Masked Sa	nd Grains. ² Lo	ocation: PL = Pore Lining, M = Matrix.	
Histopol	Indicators:		Polyvaluo Bol	0.W/ 5	urfaco (S			Indicators for Problematic Hydric Soils ³ :	
Histic Ep Black Hi	pipedon (A2) stic (A3)		Thin Dark Sur Loamy Mucky	face Min	(S9) (LRR eral (F1) triv (E2)	8) (LRR R, 1 R, MLRA 1 (LRR K, L)	49B)	2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R	र)
Stratifie	d Layers (A5) d Below Dark Surfa	οcο (Δ11)	Depleted Mat	rix (F	-3)			Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L)	
Thick Da	ark Surface (A12)		Depleted Dar	k Sui	face (F7)			Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L,	R)
Sandy G	leyed Matrix (S4)			55101	IS (FO)			Piedmont Floodplain Soils (F19) (MLRA 1 Mesic Spodic (TA6) (MLRA 144A, 145, 149	49B) 9B)
Sandy R	edox (S5)							Red Parent Material (F21)	-
Dark Su	rface (S7) (LRR R, N	ILRA 149	9B)					Very Shallow Dark Surface (TF12) Other (Explain in Remarks)	
dicators	of hydrophytic veg	etation a	and wetland hydr	olog	y must be	e present, ι	ınless disturbe	d or problematic.	
trictive	Layer (If observed):		None			Hydric So	il Prosont?	Ves No /	
	Denth (inches):		None			inguite 50	II FIESEIIL:		
arks:	ndication of hydric	soil was	observed. Refusa	al du	e to roots	5.			

Photo of Sample Plot North



Photo of Sample Plot East





Photo of Sample Plot West

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Mill Point	City/County: F	- ultonville, Montgome	ry	Sampling Date: 202	20-Nov-12
Applicant/Owner: ConnectGen		Sta	ite: NY	Sampling Point: W-K	CF-18_UPL-3
Investigator(s): Kevin Ferguson , Jay	r Kaminski	Section, To	wnship, Range: N	I/A	
Landform (hillslope, terrace, etc.):	Hillslope	Local relief (conca	ve, convex, none):	Convex	Slope (%): 2 to 5
Subregion (LRR or MLRA): MLRA	144A of LRR R	Lat: 42.88	219706 Long:	-74.37326963	Datum: WGS84
Soil Map Unit Name: Lansing silt lo	am, 8 to 15 percent slopes			NWI classificatio	n: None
Are climatic/hydrologic conditions on	the site typical for this time o	f year? Yes	🖌 No (If n	o, explain in Remarks.)	
Are Vegetation, Soil, o Are Vegetation, Soil, o	r Hydrology significantly r Hydrology naturally p	y disturbed? Ar roblematic? (If	e "Normal Circums needed, explain ar	tances" present? ny answers in Remarks	Yes 🟒 No .)

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

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

HYDROLOGY

Wetland Hydrology Indicators:				
Primary Indicators (minimum of on	e is required; check all t	<u>hat apply)</u>	Secondary Indicators (minimum of	<u>two required)</u>
 Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Surface 	Water- Aquation Marl D Hydrog Oxidized Presen Recent Thin M ggery (B7) Other (rface (B8)	Stained Leaves (B9) c Fauna (B13) eposits (B15) gen Sulfide Odor (C1) ed Rhizospheres on Living Roots (C3) ice of Reduced Iron (C4) : Iron Reduction in Tilled Soils (C6) uck Surface (C7) (Explain in Remarks)	 Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5) 	gery (C9)
Field Observations:				
Surface Water Present?	Yes No 🟒	Depth (inches):		
Water Table Present?	Yes No 🟒	Depth (inches):	Wetland Hydrology Present?	Yes No _
Saturation Present?	Yes No 🟒	Depth (inches):		
(includes capillary fringe)				
Describe Recorded Data (stream ga	auge, monitoring well, a	erial photos, previous inspections), if	available:	
Remarks:				
The criterion for wetland hydrology	/ is not met.			

Sampling Point: W-KCF-18_UPL-3

Tree Stratum (Plot size: <u>30 ft</u>)	Absolute	Dominant	Indicator	Dominance Test worksheet	t:		
	% Cover	Species?	Status	Are OBL_FACW_or FAC	cies i nat	5	(A)
	10	Yes	FACU	Total Number of Dominant	t Species		
2. Fraxinus pennisyivanica	10	Yes	FACW	Across All Strata:		9	(B)
3. Carpinus caroliniana	<u> </u>	Yes .	FAC	Percent of Dominant Speci	ies That		(4 (D)
4. <u>Ostrya virginiaria</u>	5	INO	FACU	Are OBL, FACW, or FAC:		55.0	(A/B)
S		·		Prevalence Index workshee	et:		
7				- <u>Total % Cover of:</u>		<u>Multiply</u>	<u>By:</u>
/	25	- Total Cov	or	- OBL species	0	x 1 =	0
Capling/Chruh Stratum (Dist size) 15 ft)		- 10tal COV	ei	FACW species	10	x 2 =	20
<u>Saping/Shild Statum</u> (Flot Size, <u>15 h</u>)	10	Voc	EAC	FAC species	30	x 3 =	90
	<u></u>	Vec	FAC	FACU species	35	x 4 =	140
2. Lonicera morrowii	5	Yes	FACU	- UPL species	0	x 5 =	0
3. Knamnus catnartica	5	Yes	FAC	- Column Totals	75	(A)	250 (B)
4.		<u> </u>		Prevalence Index	k = B/A =	3.3	
5.		<u> </u>		Hydrophytic Vegetation Inc	dicators:		
6.		·		1- Rapid Test for Hydr	rophytic V	egetation	1
7				2 - Dominance Test is	; >50%	0	
	20	= Total Cov	er	3 - Prevalence Index i	is ≤ 3.0 ¹		
<u>Herb Stratum</u> (Plot size: <u>5 ft</u>)				4 - Morphological Ada	aptations ¹	(Provide	supporting
1. Agrimonia parviflora	5	Yes	FAC	- data in Remarks or on a se	parate sh	eet)	
2. Lonicera morrowii	5	Yes	FACU	Problematic Hydroph	nytic Veget	tation ¹ (E>	(plain)
3				¹ Indicators of hydric soil ar	nd wetland	d hydrolo	gy must be
4				present, unless disturbed of	or probler	matic	
5				Definitions of Vegetation S	trata:		
6				Tree – Woody plants 3 in. (2	7.6 cm) or	more in	diameter at
7				breast height (DBH), regard	dless of he	eight.	
8				Sapling/shrub – Woody pla	nts less th	han 3 in. [OBH and
9				greater than or equal to 3.2	28 ft (1 m)) tall.	
10.				Herb – All herbaceous (nor	ו (woody)	plants, re	gardless of
11.				size, and woody plants less	s than 3.28	8 ft tall.	
12.				Woody vines – All woody vi	ines great	er than 3	.28 ft in
	10	= Total Cov	er	height.			
Woody Vine Stratum (Plot size: 30 ft)		-		Hydrophytic Vegetation Pr	resent? Y	/es 🟒 N	lo
1. Vitis aestivalis	10	Yes	FACU				
2.				-			
3		······································		-			
Δ		·		-			
"	10	= Total Cov	er	-			
		-					
Remarks: (Include photo numbers here or on a se	parate sheet.)						
A positive indication of hydrophytic vegetation wa	s observed (>50	1% of domin	ant species	indexed as OBL, FACW, or FA	λC).		

14 10YR 3/2 100 Silt Leam -20 10YR 4/2 100 Silty Clay Leam 0. Silty Clay Leam Silty Clay Leam 1. Silty Clay Leam Silty Clay Leam 1. <t< th=""><th></th><th>% Color (moist)</th><th>% Type¹</th><th>Loc² Tex</th><th>ture Remarks</th><th></th></t<>		% Color (moist)	% Type ¹	Loc ² Tex	ture Remarks	
-20 10YR 4/2 100 Silty Clay Loam 0.	- 14 10YR 3/2	100		Silt	_oam	
0	- 20 10YR 4/2	100		Silty Cla	ay Loam	
-	.0 -					
-	<u>-</u>					
-	<u>-</u>					
-						
-						
-						
-						
-						
-						
et C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. 4_Location: PL = Pore Lining, M = Matrix. ric Soil Indicators: Indicators for Problematic Hydric Soils ³ : tistosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) tistic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) Back Histic (A3) Loamy Mucky Mineral (F1) (LRR K, L) tydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) hick Dark Surface (A12) Depleted Dark Surface (F7) hick Dark Surface (A12) Depleted Dark Surface (F7) train Jandy Mucky Mineral (S1) Redox Depressions (F8) Sandy Redox (S5)	<u>-</u>					
Indicators: Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) itistosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) itistic 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) S cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Dark Surface (S7) (LRR K, L) S cm Mucky Peat or Peat (S3) (LRR K, L) Hydrogen Sulfide Layers (A5) Depleted Matrix (F3) Dark Surface (S9) (LRR K, L) Dark Surface (S9) (LRR K, L) Hick Dark Surface (A12) Depleted Dark Surface (F7) Depleted Dark Surface (F7) Iron-Manganese Masses (F12) (LRR K, L, R) Gandy Gleyed Matrix (S4) Depleted Dark Surface (F7)	e: C = Concentration, D = D	Pepletion, RM = Reduced	I Matrix, MS =	Masked Sand Grains. ² L	ocation: PL = Pore Lining, M = Matrix.	
Instusci (A1)	listocol (A1)	Debaselue De	low Curfaco (C		Indicators for Problematic Hydric Solls ³ :	
Indic Epipedin (12)	Histosof (AT) Histic Eninedon (A2)	Polyvalue Be	iow Surface (S	0) (LKK K, MIKA 1490) R MIRA 1498)	2 cm Muck (A10) (LRR K, L, MLRA 149	9B)
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Litratified Layers (A5) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) Giandy Mucky Mineral (S1) Redox Depressions (F8) Giandy Redox (S5) Peledmatrix (S4) Stripped Matrix (S6) Red Parent Material (F21) Oark Surface (S7) (LRR R, MLRA 149B) Red Parent Material (F21) Cators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Type: None Depth (inches): None	Black Histic (A3)	Loamy Muck	y Mineral (F1)	(LRR K, L)	Coast Prairie Redox (A16) (LRR K, L, F	() ()
ditratified Layers (A5)	Hydrogen Sulfide (A4)	Loamy Gleye	d Matrix (F2)		Dark Surface (S7) (I PR K 1)	, L, K)
Depleted Below Dark Surface (A11) Redox Dark Surface (F6) 'hick Dark Surface (A12) Depleted Dark Surface (F7) 'andy Mucky Mineral (S1) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Piedmont Floodplain Soils (F19) (MLRA 149 Sandy Redox (S5) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Stripped Matrix (S6) Red Parent Material (F21) Dark Surface (S7) (LRR R, MLRA 149B) Very Shallow Dark Surface (TF12) Cators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. rictive Layer (if observed): Type: None Depth (inches): Hydric Soil Present? YesNo	tratified Layers (A5)	Depleted Ma	trix (F3)		Polyvalue Below Surface (S8) (LRR K.	L)
nick Dark Surface (A12)	Pepleted Below Dark Surfa	ce (A11) Redox Dark S	Surface (F6)		Thin Dark Surface (S9) (LRR K, L)	,
andy Midcky Mineral (51) <td< td=""><td>hick Dark Surface (A12)</td><td> Depleted Dat</td><td>rk Surface (F7)</td><td></td><td> Iron-Manganese Masses (F12) (LRR I</td><td>(, L, R)</td></td<>	hick Dark Surface (A12)	Depleted Dat	rk Surface (F7)		Iron-Manganese Masses (F12) (LRR I	(, L, R)
Grandy Greyed Matrix (S4)	Sandy Gloved Matrix (S4)	Redox Depre	25510115 (F6)		Piedmont Floodplain Soils (F19) (ML	RA 149B
Cattors of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Type: None Depth (inches):	Sandy Redox (S5)				Mesic Spodic (TA6) (MLRA 144A, 145	, 149B)
Dark Surface (S7) (LRR R, MLRA 149B)	Stripped Matrix (S6)				Red Parent Material (F21)	
cators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. rictive Layer (if observed): Type: None Depth (inches): arks:	Dark Surface (S7) (LRR R, M	LRA 149B)			Very Shallow Dark Surface (1F12)	
cators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. rictive Layer (if observed): Type: None Depth (inches): arks:						
rictive Layer (if observed): Type: None Hydric Soil Present? Yes No _∠ Depth (inches): arks:	cators of hydrophytic vege	tation and wetland hydi	rology must be	e present, unless disturb	ed or problematic.	
Type: None Depth (inches):		News		Under a Call Decaut2	Vez Niz (
arks:	rictive Layer (if observed):	None	-	Hydric Soll Present?	Yes NO	
arks:	Type:	None				

Photo of Sample Plot North



Photo of Sample Plot East