IC702/Alisto S WERAN

7/2/10

WETLAND DETERMINATION DATA FORM	/I – Northcentral and Northeast Region
Project/Site: City/Cou	inty: Clipton Sampling Date: 7/2/1
Applicant/Owner:	State: /// Sampling Point:
Investigator(s): Section,	Township, Range:
Landform (hillslope, terrace, etc.): RELATIVEL FIAT	Local relief (concave, convex, none):
Slope (%): Lat: Long:	Datum:
Soil Map Unit Name:	NWI classification: PFOI / PEN
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, or Hydrology/naturally problematic	
SUMMARY OF FINDINGS - Attach site map showing samp	ling point locations transacts important features etc
Command of Findings - Attach site map showing samp	ing point locations, transects, important leatures, etc.
Trydrophytic vegetation i resent:	s the Sampled Area
Hydric Soil Present?	rithin a Wetland? Yes No
	yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	
Aline (1-15)	ne (1-12)
7/ 7/	
13 C/n (1-7)	~~ (178)
1, 11:2 manes DEC 1	PRAN
HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)	Surface Soil Cracks (B6)
Surface Water (A1) Water-Stained Leaves (I	
High Water Table (A2) Aquatic Fauna (B13)	Moss Trim Lines (B16)
Saturation (A3) Marl Deposits (B15)	Dry-Season Water Table (C2)
Water Marks (B1) Hydrogen Sulfide Odor (
Sediment Deposits (B2) Oxidized Rhizospheres	A TALL AND TO COLOR SAME WAY THE PROPERTY OF T
Drift Deposits (B3) Presence of Reduced Iro	
Algal Mat or Crust (B4) Recent Iron Reduction in	The state of the s
Iron Deposits (B5) Thin Muck Surface (C7) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remar	For the control of th
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No Depth (inches):	1+
Water Table Present? Yes No Depth (inches): 7 /	/ ()
Saturation Present? Yes No Depth (inches):	Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous	us inspections), if available:
- 1	
Remarks:	6
1 From 1	Hydro flow to alst
1) = = = at ss!	4.1.1.1.1
12/1000 11	Myeno flow to als
(blacket)	
Sphanon mon, better	500 / Punks; Exposed
(as min 70)	5 From Claro

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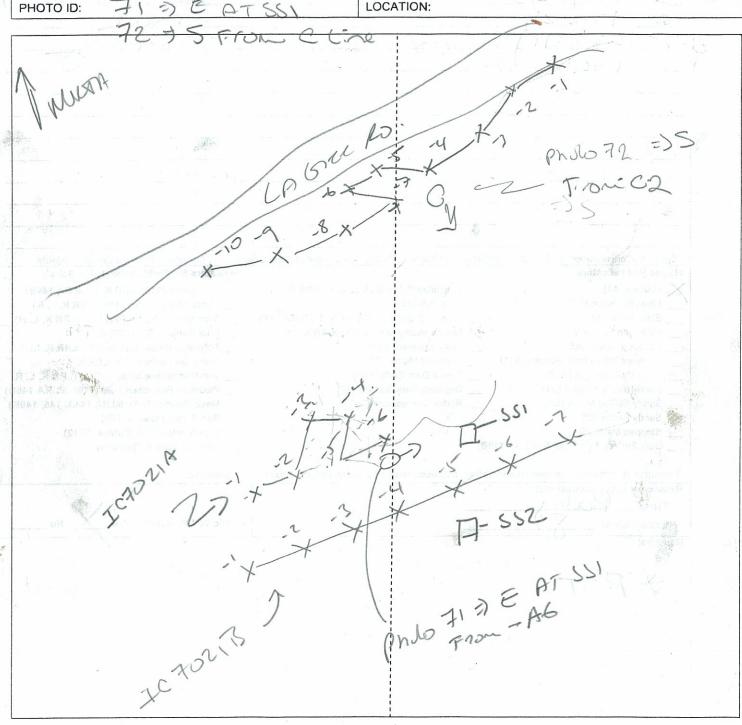
VEGETATION – Use scientific names of plants.		_	HT III	Sampling Point:
Tree Stratum (Plot size: 35 / K)	Absolute % Cover	Dominan Species?	t Indicator	Dominance Test worksheet:
PACER ROBBIN	40	4	FAC	Number of Dominant Species
2. ARIES. RAISAMEA	10	N	FAL	That Are OBL, FACW, or FAC:(A)
3. OSTRYA VIRGINIANA	10	N	FALU	Total Number of Dominant Species Across All Strata: (B)
4.				Percent of Dominant Species
5.	-		-	That Are OBL, FACW, or FAC: (A/B)
6.				Prevalence Index worksheet:
7.	1			Total % Cover of: Multiply by:
2010-3 12	0	= Total Co	ver	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: //)	-	1	-	FACW species x 2 =
1 VIRURNUM /ENTAGO	2	7	MC	FAC species x 3 =
2. ARIES RAISAMBA	_5	4	FAZ	FACU species x 4 =
3		-		UPL species x 5 =
4			er a l'alger	Column Totals: (A) (B)
5				Prevalence Index = B/A =
6				Hydrophytic Vegetation Indicators:
7.				Rapid Test for Hydrophytic Vegetation
70%-> 7	10	= Total Co	ver	Dominance Test is >50%
Herb Stratum (Plot size: 5 2	-	Total 00	voi	Prevalence Index is ≤3.0¹
1. SPILLAGA LADFOLIA	5	N	THE	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
2. CYCOPODI ON CLAUATUR	ハン	N	FAZ	Problematic Hydrophytic Vegetation¹ (Explain)
3. 614CERIA Sp.	10	4	ORC	A Supraw contrast
4. SCIRROS CHATRIOUS	10	4	TACO	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5		1 (- 2) 80	podné vej	Definitions of Vegetation Strata:
6	5 -15 1	opto opian	d medically ha	
7.			(<u> </u>	Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
9. (5.0) (3.1) (3.1) (3.1) (4.0) (4.			ogal Waters Dian Mark	Sapling/shrub – Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.
10			North Strike	Herb – All herbaceous (non-woody) plants, regardless
11.				of size, and woody plants less than 3.28 ft tall.
12.	4 1	F- (agr	Depth Loc	Woody vines - All woody vines greater than 3.28 ft in
7090 -> 11	55	= Total Cov	/er	height.
Woody Vine Stratum (Plot size:)			- 170	
10/A			C 16	Eggts vitalism subspaces with the configuration of the first
2.				
3	- \.			
4		1		Hydrophytic Vegetation
		Total Cov	er	Present? Yes No
Remarks: (Include photo numbers here or on a separate si		Total Cov		
SPINAINUN- BIALL	+	. 7	- 1	
				p

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Tome Description. (Describe to the de		
	pth needed to document the indicator or confirm	if the absence of indicators.)
Depth Matrix (inches) Color (moist) %	Redox Features	
(inches) Color (moist) %	Color (moist) % Type ¹ Loc ²	Texture Remarks
5 2151/25/2		ORGANIC FIBRIO
(10u / 71)	7.2	
B TOOK ET	1	INDER
8 2.546511 150	MAN	SARPY CIA
1000 (61) 18	3-10-01	
109C 411 136		
		k e
	48 11.	6,
		Marin .
ype: C=Concentration, D=Depletion, RM	=Reduced Matrix, CS=Covered or Coated Sand Gr	
/dric Soil Indicators:		Indicators for Problematic Hydric Soils ³ :
Histosol (A1)	Polyvalue Below Surface (S8) (LRR R,	2 cm Muck (A10) (LRR K, L, MLRA 149B)
_ Histic Epipedon (A2)	MLRA 149B)	Coast Prairie Redox (A16) (LRR K, L, R)
Black Histic (A3)	Thin Dark Surface (S9) (LRR R, MLRA 149B)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R
_ Hydrogen Sulfide (A4)	Loamy Mucky Mineral (F1) (LRR K, L)	Dark Surface (S7) (LRR K, L)
_ Stratified Layers (A5)	Loamy Gleyed Matrix (F2)	Polyvalue Below Surface (S8) (LRR K, L)
_ Depleted Below Dark Surface (A11)	Depleted Matrix (F3)	Thin Dark Surface (S9) (LRR K, L)
_ Thick Dark Surface (A12)	Redox Dark Surface (F6)	Iron-Manganese Masses (F12) (LRR K, L, R
0 1 16 1 10 1 (04)		
_ Sandy Mucky Mineral (S1)	Depleted Dark Surface (F7)	Fledition Floodplain Solls (F19) (MLRA 149
_ Sandy Gleyed Matrix (S4)	Depleted Dark Surface (F7) Redox Depressions (F8)	Mesic Spodic (TA6) (MLRA 144A, 145, 149)
Sandy Gleyed Matrix (S4) Sandy Redox (S5)		Mesic Spodic (TA6) (MLRA 144A, 145, 149) Red Parent Material (TF2)
Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6)	Redox Depressions (F8)	Mesic Spodic (TA6) (MLRA 144A, 145, 149)
Sandy Gleyed Matrix (S4) Sandy Redox (S5)	Redox Depressions (F8)	Mesic Spodic (TA6) (MLRA 144A, 145, 149) Red Parent Material (TF2)
Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 1498	Redox Depressions (F8)	Mesic Spodic (TA6) (MLRA 144A, 145, 149) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149)	Redox Depressions (F8)	Mesic Spodic (TA6) (MLRA 144A, 145, 149) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
_ Sandy Gleyed Matrix (S4) _ Sandy Redox (S5) _ Stripped Matrix (S6) _ Dark Surface (S7) (LRR R, MLRA 149) dicators of hydrophytic vegetation and we	Redox Depressions (F8)	Mesic Spodic (TA6) (MLRA 144A, 145, 149) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
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Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149) dicators of hydrophytic vegetation and westrictive Layer (if observed): Type: Depth (inches):	Redox Depressions (F8)	Mesic Spodic (TA6) (MLRA 144A, 145, 1496 Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) or problematic. Hydric Soil Present? Yes No

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STETCH SHEET 10/2:	SKETCH FORM			
WETLAND ID/ROUTE ID:	PROJECT:			
INITIALS OF DELINEATORS:	DATE:	TIME:	, F	
PHOTO ID: 713 E ATSSI	LOCATION:			

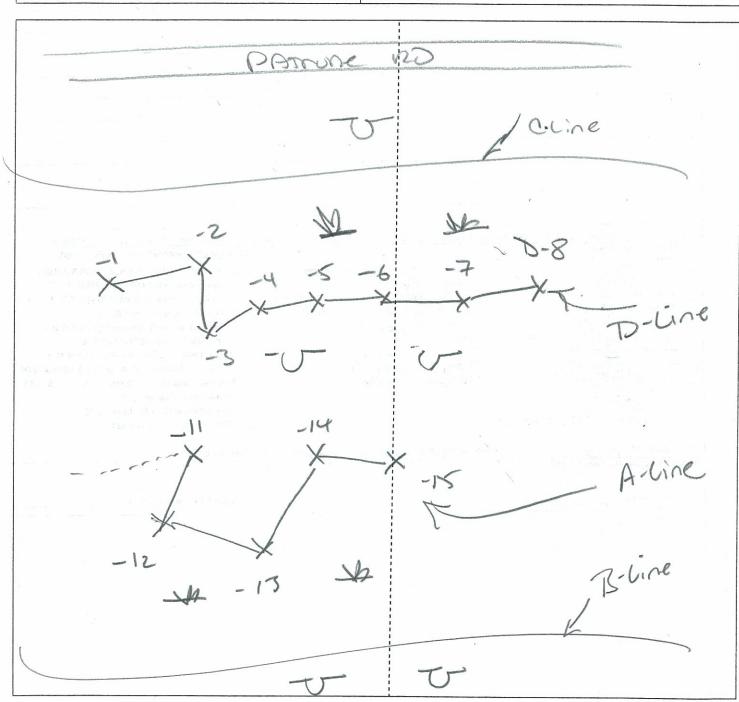


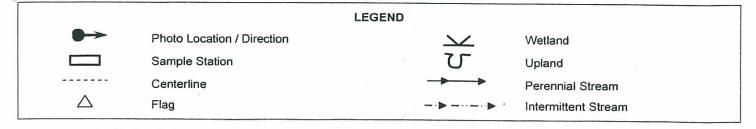
	LEG	END	* * *	
●→	Photo Location / Direction		Wetland	
	Sample Station	J	Upland	
	Centerline	\rightarrow	Perennial Stream	
\triangle	Flag		Intermittent Stream	

IC70ZI AIBICID. Extenis A line
Decin D line

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<	KETTH SHPET ZOLZ	SKETCH FORM		
	WETLAND ID/ROUTE ID:	PROJECT:		
	INITIALS OF DELINEATORS:	DATE:	TIME:	
	PHOTO ID:	LOCATION:	· · ·	





IC702/15/5/2

Uplans

7/2/10

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

	0121
Project/Site: Cit	y/County: Sampling Date: 7/2///
Applicant/Owner: MRL	State: V Sampling Point: S
Investigator(s): DECALLOTO Se	ction, Township, Range:
Landform (hillslope, terrace, etc.): 5119 nt Slope to Nucs	
501	ng: Datum:
	$\sim 1 \wedge$
Soil Map Unit Name:	NWI classification:
Are climatic / hydrologic conditions on the site typical for this time of year?	
Are Vegetation, Soil, or Hydrology significantly dis	/
Are Vegetation, Soil, or Hydrology naturally proble	ematic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing s	ampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No	Is the Sampled Area
Hydric Soil Present? Yes No	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.)	, 500, 00, 100, 100, 100, 100, 100, 100,
1 - The to	. / // /- /- /-
DOMINANCE TOST JOSTIO	the reproprieta reli
The called the second of the s	
POPLENCE TOT DE	JATUR for Hydro VEI.
COMPLE 1951 PC	large De infano not.
	·
HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)	Surface Soil Cracks (B6)
Surface Water (A1) Water-Stained Lea	
High Water Table (A2) Aquatic Fauna (B1	
Saturation (A3) Marl Deposits (B1)	
Water Marks (B1) Hydrogen Sulfide (
Sediment Deposits (B2) Oxidized Rhizosph Drift Deposits (B3) Presence of Redu	neres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) ced Iron (C4) Stunted or Stressed Plants (D1)
	ction in Tilled Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surface	
Inundation Visible on Aerial Imagery (B7) Other (Explain in F	
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No Depth (inches): _	*
Water Table Present? Yes No Depth (inches): _	
Saturation Present? Yes No Depth (inches):	Wetland Hydrology Present? Yes No
(includes capillary fringe)	7.
Describe Recorded Data (stream gauge, moniforing well, aerial photos,	previous inspections), if available:
Remarks:	

7/21/10
Sampling Point: \$52

VEGETATION - Use scientific names of plants	•		Sampling Point:
Tree Stratum (Plot size: 30/ ()	Absolute % Cover	Dominant Indicator Species? Status	Dominance Test worksheet:
1. OSTRYA VIRBINIANA 2. ACER RURRUM	50	4 RAW	Number of Dominant Species That Are OBL, FACW, or FAC: (A)
3.			Total Number of Dominant Species Across All Strata: (B)
4			Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
6			Prevalence Index worksheet: Total % Cover of: Multiply by:
17	8.5	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 13 12) 1. ABIES BASAMEA	1	T FAL	FACW species x 2 = FAC species x 3 = Z + O
2	v 1000 v		FACU species
3. 4.			Column Totals: (A) 665 (B)
5			Prevalence Index = B/A = 3.59.
6			Hydrophytic Vegetation Indicators: Rapid Test for Hydrophytic Vegetation
7.	15	= Total Cover	Dominance Test is >50%
Herb Stratum (Plot size:) 1. PT BRIDE M ARCHIOLA	110	4 TAIS	 Prevalence Index is ≤3.0¹ Morphological Adaptations¹ (Provide supporting
1. PIERINUM ADUITAUM. 2. DRYDDTERS CANTHUSIANA	30	T FAL	data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain)
3. ARAIIA NUNICAU IIS	-5	N unly	¹ Indicators of hydric soil and wetland hydrology must
5		N FAC	be present, unless disturbed or problematic.
6.			Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter
7. <u>(1) 11 (2) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4</u>			at breast height (DBH), regardless of height.
9.			Sapling/shrub – Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.
10			Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
12	×1	= Total Cover	Woody vines – All woody vines greater than 3.28 ft in height.
Woody Vine Stratum (Plot size:)	-6-3		
2.			
3.			Hydrophytic /
4		= Total Cover	Vegetation Present? Yes No
Remarks: (Include photo numbers here or on a separate si		- Total Cover	
Upla - not listed	(90)		
			30

IC 7021-552

uplan

7/2/10

SOIL								Sampling Point:	2%
Profile Desc	cription: (Describe to	he depth ne	eded to docu	ment the in	ndicator	or confirm	m the absence of indi	cators.)	
Depth	Matrix		Redo	x Features	3			and newspapers.	
(inches)	Color (moist)	% C	Color (moist)	%	Type ¹	_Loc ²	Texture	Remarks	
0-6	104 K311	AND THE RESERVE SECTION AND ADDRESS.					511+ 10A	L	
5-12	suich!	Sn							-
	272310	~ -	WIX -						
	7159241)	50 .	/				5000	10 Au	
)			•				7	3
 :									
	, , , ,				V				
									-
Hydric Soil I	oncentration, D=Depletic	n, RM=Redi	uced Matrix, CS	S=Covered	or Coated	d Sand Gr		PL=Pore Lining, M=Matrix	
		p 4		2 2				blematic Hydric Soils ³ :	
Histosol		— ¹	Polyvalue Belov		S8) (LRR	R,		10) (LRR K, L, MLRA 149	
Histic Ep	pipedon (A2)	1 -	MLRA 149B)				Coast Prairie F	Redox (A16) (LRR K, L, R)
	n Sulfide (A4)		Thin Dark Surfa					eat or Peat (S3) (LRR K, L	L, R)
	Layers (A5)		₋oamy Mucky N ₋oamy Gleyed I			L)		(S7) (LRR K, L)	
	l Below Dark Surface (A		Depleted Matrix					ow Surface (S8) (LRR K, L	-)
	irk Surface (A12)		Redox Dark Su					face (S9) (LRR K, L) se Masses (F12) (LRR K,	1 0)
	lucky Mineral (S1)		Depleted Dark S		')			dplain Soils (F19) (MLRA	
	leyed Matrix (S4)		Redox Depress		,			(TA6) (MLRA 144A, 145, 1	
Sandy Re	edox (S5)	11		• •			Red Parent Ma	aterial (TF2)	. 102,
Stripped	Matrix (S6)							Dark Surface (TF12)	
Dark Sur	face (S7) (LRR R, MLR	A 149B)					Other (Explain		
3					4,				
Postrictive I	hydrophytic vegetation ayer (if observed):	and wetland	hydrology mus	t be preser	it, unless	disturbed	or problematic.		
	ayer (ii-observed):								
Туре:	- FURL - I								
Depth (inc	hes):						Hydric Soil Present	:? Yes No _	
Remarks:	0						20		NAME OF THE PARTY
							and the last of	Market Comment of the	
			b b					po-	

WEILAND DETERMINATION DATA FORM	- Northcentral and Northeast Region
Project/Site: MRUF City/County	Clinton Sampling Date: 7/22/10
Applicant/Owner: MR, LCC	State: NY Sampling Point: SC
	ownship, Range:
Landform (hillslope, terrace, etc.): \$1 ght \$100c to yourself	Local relief (concave, convex, none):
Slope (%): Lat: Long:	
Soil Map Unit Name:	NWI classification: (DSS) PEW
Are climatic / hydrologic conditions on the site typical for this time of year? Yes	No (If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology significantly disturbed?	Are "Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology naturally problematic?	(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map showing sampling	g point locations, transects, important features, etc.
Trydrophytic vegetation resent:	ne Sampled Area nin a Wetland? Yes No
Wetland Hydrology Present? Yes No If ye	es, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	Α
A(1-6)	SSOCIOTOS WI DAT Shear
D(1-5)	2 7000 51
Win manos DEC WE	nay (Wet weren)
HYDROLOGY	ask only my was a second
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)	Surface Soil Cracks (B6)
Surface Water (A1) Water-Stained Leaves (B9	
High Water Table (A2) Aquatic Fauna (B13)	Moss Trim Lines (B16)
Saturation (A3) Marl Deposits (B15)	Dry-Season Water Table (C2)
Water Marks (B1) — Hydrogen Sulfide Odor (C	
Sediment Deposits (B2) Oxidized Rhizospheres on Drift Deposits (B3) Presence of Reduced Iron	
Algal Mat or Crust (B4) Recent Iron Reduction in T Iron Deposits (B5) Thin Muck Surface (C7)	Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks	
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No Depth (inches):	
Water Table Present? Yes No Depth (inches): 7//	
Saturation Present? Yes No Depth (inches):	Wetland Hydrology Present? Yes No No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous	inspections), if available:
Remarks:	
philo 73 & N Que	251
	garage and an exercise of the control of the contro
Exposes Rout ; Butraned	Duriles
Spingnum in places	

			3,77
VEGETATION – Use scientific names of plants.			Sampling Point:
Tree Stratum (Plot size: 30 R) 1 ACER RUBRUMU 2 DIMUS AMERICANA 3. FRAXIOUS PROMINAICIA 4. 5. 6. 7. Sapling/Shrub Stratum (Plot size: 15 R)	70	= Total Cover	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: Total Number of Dominant Species Across All Strata: Percent of Dominant Species That Are OBL, FACW, or FAC: (A) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species X 1 = FACW species X 2 = FAC species X 3 = FACU species X 4 =
3			UPL species x 5 = Column Totals: (A) (B) Prevalence Index = B/A =
5	TO 30 15 10	= Total Cover Y FAR Y FARLL Y MILL	Hydrophytic Vegetation Indicators: Rapid Test for Hydrophytic Vegetation Dominance Test is >50% Prevalence Index is ≤3.0¹ Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
Woody Vine Stratum (Plot size:) 1		= Total Cover	Hydrophytic Vegetation Present? Yes No



7/21/10

OIL			Sampling Point:
Profile Description: (Describe to the de	pth needed to document the indicator or confirm	the absence of indic	cators.)
Depth Matrix	Redox Features		ILLET CONTEST TO A TO SE
(inches) Color (moist) %	Color (moist) % Type ¹ Loc ²	Texture	Remarks
X 104241		51.	+ choic
14	mersey		and
17 104 CST1 180		1 SE	may CIR
7542416 50) wear		
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1,300			
Y 18			
	1 m *-		
<u> </u>	1,20		
1 18 2			
ype: C=Concentration, D=Depletion, RM ydric Soil Indicators:	=Reduced Matrix, CS=Covered or Coated Sand Gra		L=Pore Lining, M=Matrix.
53		and the second s	plematic Hydric Soils ³ :
_ Histosol (A1)	Polyvalue Below Surface (S8) (LRR R,		0) (LRR K, L, MLRA 149B)
_ Histic Epipedon (A2)	MLRA 149B)		edox (A16) (LRR K, L, R)
Black Histic (A3)	Thin Dark Surface (S9) (LRR R, MLRA 149B)		at or Peat (S3) (LRR K, L, R
_ Hydrogen Sulfide (A4)	Loamy Mucky Mineral (F1) (LRR K, L)	Dark Surface (S	
_ Stratified Layers (A5)	Loamy Gleyed Matrix (F2)	Polyvalue Belov	w Surface (S8) (LRR K, L)
_ Depleted Below Dark Surface (A11)	Depleted Matrix (F3)		ace (S9) (LRR K, L)
Thick Dark Surface (A12)	Redox Dark Surface (F6)		e Masses (F12) (LRR K, L, F
Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4)	Depleted Dark Surface (F7) Redox Depressions (F8)		Iplain Soils (F19) (MLRA 149
Sandy Gleyed Matrix (S4) Sandy Redox (S5)	Redox Depressions (Fo)	Mesic Spodic (TA6) (MLRA 144A, 145, 149)
Stripped Matrix (S6)		Red Parent Ma	
Dark Surface (S7) (LRR R, MLRA 1498	B)		ark Surface (TF12)
_ Bank Banade (B) (Elik K, MEKA 143)	3)	Other (Explain i	n Remarks)
ndicators of hydrophytic vegetation and we	etland hydrology must be present, unless disturbed	or problematic	
estrictive Layer (if observed):	man nyarangy maat sa procent, amood distarbed	or problematic.	
Type:			
1 . (1/.		Hydric Soil Present	7 Yes No
Depth (inches):	1-1-2-7	nyunc 3011 Present	r res No —
emarks:			(
*			
			-

7/2/10

WETLAND ID/ROUTE ID:	PROJECT:	()	41 15
INITIALS OF DELINEATORS:	DATE:		TIME:
PHOTO ID: 73 7 N	LOCATION:		19
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			Acro

Photo Location / Direction

Sample Station

Centerline

→ Perennial Stream

Intermittent Stream



7/28/10

WETLAND DETERMINATION DA	TA FORM – Northcentral and Northeast Region
Project/Site: MRUF	City/County: Clicky Sampling Date: 7/23//
Applicant/Owner: MRy CCC	State:Sampling Point:
Investigator(s):	Section, Township, Range:
Landform (hillslope, terrace, etc.): Shout Slope to	
Slope (%): Lat:	Long: Datum:
Soil Map Unit Name:	NWI classification:
Are climatic / hydrologic conditions on the site typical for this time of	
Are Vegetation, Soil, or Hydrology significant	
Are Vegetation , Soil , or Hydrology naturally p	
SUMMARY OF FINDINGS – Attach site map showin	ng sampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? Yes No	Is the Sampled Area within a Wetland? If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report of the separate repor	WE FOR Hydrophytic VEY;
HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply	y) Surface Soil Cracks (B6)
Surface Water (A1) Water-Staine	ed Leaves (B9) Drainage Patterns (B10)
High Water Table (A2) Aquatic Faun	and the second s
Saturation (A3) Marl Deposits	
	ulfide Odor (C1) Crayfish Burrows (C8)
The property of the contract o	zospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
	Reduced Iron (C4) Stunted or Stressed Plants (D1)
	Reduction in Tilled Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck St	
Inundation Visible on Aerial Imagery (B7) Other (Explaining Sparsely Vegetated Concave Surface (B8)	in in Remarks) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:	TAO-Neutral Test (DO)
Surface Water Present? Yes No Depth (inche	es):
Water Table Present? Yes No Depth (inche	
Saturation Present? Yes No Depth (inche (includes capillary fringe)	es): Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, monitoring well, aerial pho	otos, previous inspections), if available:
Remarks:	
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7/2/10

VEGETATION - Use scientific names of plants.

Sampling Point: 550

Tree Stratum (Plot size:	Absolute % Cover	Dominant Indicator Species? Status	Dominance Test worksheet:
1. ACER RUPRUM	40	Y FAC	Number of Dominant Species That Are OBL, FACW, or FAC: (A)
2. FRAYINUS PROPSYLUANICA	0	N RACW	the second secon
3. ABIES BAISAMBA	10	NI FAC	Total Number of Dominant Species Across All Strata: (B)
4			Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
5			That Are OBL, FACW, or FAC: 5 1 (A/B)
6.			Prevalence Index worksheet:
7.	1-		Total % Cover of: Multiply by:
1710	60	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size:)	10	4	FACW species ZO x 2 = 40
1. TRAGIOS PENSY VANICA	10	TAW.	FAC species $80 \times 3 = 740$
2. ARIES KAISAMBA	10	4 TAR	FACU species 70 x 4 = 80
3. CORYLOS CURNUTA	10	- FACU	UPL species
4			Column Totals: 1 (A) (4-16 (B)
5		\	Prevalence Index = B/A =
6			Hydrophytic Vegetation Indicators:
7	4		Rapid Test for Hydrophytic Vegetation
6	50	= Total Cover	Dominance Test is >50%
Herb Stratum (Plot size:	•	4	Prevalence Index is ≤3.01
(Ruhas FlAGELLAUS	10	1 UPL	Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
2. Ptsciolum AQUILINUM	10	4 FALU	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Ahies RAISAMEA	10	4 FAC	1
1 DRYOPTEGS CONTHUSIANA	(0	4 FAR	Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5.		- Interview Car	Definitions of Vegetation Strata:
6. 7.			Tree – Woody plants 3 in. (7.6 cm) or more in diameter
8.			at breast height (DBH), regardless of height.
9		5. V SET L 176997	Sapling/shrub – Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.
10			Herb – All herbaceous (non-woody) plants, regardless
11.			of size, and woody plants less than 3.28 ft tall.
12.	10	Total Cover	Woody vines – All woody vines greater than 3.28 ft in height.
Woody Vine Stratum (Plot size:)	TU	- Total Cover	
1 0 4			
2.			
2			
3.			Hydrophytic Vegetation
4			Present? Yes No No
Remarks: (Include photo numbers here or on a separate sh		Total Cover	
Remarks. (include prioto numbers here or on a separate si	ieei.)		
*			# T 1 2 2 2
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RR K, L, R)
3) (LRR K, L, R
-)
3) (LRR K, L)
R K, L)
2) (LRR K, L, F
19) (MLRA 149
144A, 145, 149
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TF12)
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WETLAND DETERMINATION DATA FORM -	Northcentral and	Northeast Region
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Project/Site: MRWF	City/County: Cl, ato Sampling Date: 7 12211 0
	State: N C Sampling Point: 551
	Section, Township, Range:
Landform (hillslope, terrace, etc.): RELANUEL FIAS	
Slope (%): Lat:	
Soil Map Unit Name:	NWI classification: PFO 1 / PEN
Are climatic / hydrologic conditions on the site typical for this time of	f year? Yes No (If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology signification	ntly disturbed? Are "Normal Circumstances" present? Yes No
Are Vegetation / Soil / , or Hydrology / naturally	
	ing sampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No	Is the Sampled Area
Hydric Soil Present? Yes No	within a Wetland? Yes No
Wetland Hydrology Present? Yes No	
Remarks: (Explain alternative procedures here or in a separate re	eport.)
(HOHPSS (1-7)	spento wat
Just outsine of DEC 1	Miter Conn
polin purbin exter	Taured 5
HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that app	oly) Surface Soil Cracks (B6)
✓ Surface Water (A1) (1	ned Leaves (B9) Crainage Patterns (B10)
★ High Water Table (A2) Aquatic Fau	
Saturation (A3) Marl Depos	
	Sulfide Odor (C1) Crayfish Burrows (C8)
	hizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
A STATE OF THE PARTY OF THE PAR	f Reduced Iron (C4) Stunted or Stressed Plants (D1) Reduction in Tilled Soils (C6) Geomorphic Position (D2)
	Surface (C7) Shallow Aquitard (D3)
	ain in Remarks) Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	
	hes): 2" in place (primary to wort)
Water Table Present? Yes No Depth (inch	nes): 7/
Saturation Present? Yes X No Depth (incl	hes): Wetland Hydrology Present? Yes No
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial pl	notos previous inspections) if available:
Booding Noordon Baile (Ground garage, Memoring New, garant	, and a second of the second o
Demodus	
Remarks:	
Exposos Touts; Betheose	3 Tourles
Photo 84 3 Nacon	AT 68 FOR -1
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VEGETATION – Use scientific names of plants.				Sampling Point:
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. TERAXINDS DEORSULUARICA	_	1/	FACW	Number of Dominant Species That Are ORL FACW or FAC:
2. ACER RYDUNU	45	4	FAL	That Are OBL, FACW, or FAC: (A)
3. AhiES RAISAMEA	10	N	FAC	Total Number of Dominant Species Across All Strata: (B)
4.				Percent of Dominant Species
5			11181	That Are OBL, FACW, or FAC: (A/B)
6				Prevalence Index worksheet:
7			el age	Total % Cover of: Multiply by:
14	10	= Total Cov	/er	OBL species x 1 =
Sapling/Shrub Stratum (Plot size:	10	4.	TAU)	FACW species x 2 = FAC species x 3 =
1 PRAYING DEMS, JUAN: CA	10		200	FAC species x 3 = FACU species x 4 =
2. 14 bies isaisamea			THE	UPL species x 5 =
3				Column Totals: (A) (B)
4			All the street and the street	
5.				Prevalence Index = B/A =
6				Hydrophytic Vegetation Indicators:
7	1			Rapid Test for Hydrophytic Vegetation Dominance Test is >50%
7 / / /	12	= Total Cov	er	Prevalence Index is ≤3.0¹
Herb Stratum (Plot size: STE) 1. OSMONDA CIAYTONIM	120	4.	FAL	Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
2. CARTX CRIDITA	10	N	086	Problematic Hydrophytic Vegetation¹ (Explain)
3. OPOCICA GROSHIIS	40	4	FAMO	10 10 10 10 10 10 10 10 10 10 10 10 10 1
4		(11-11-11	ish olleti.	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5.			Territoria de la constanta de	Definitions of Vegetation Strata:
7.			100000000000000000000000000000000000000	Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
8		<u> </u>		Sapling/shrub – Woody plants less than 3 in. DBH
9			Ax#I rout	and greater than 3.28 ft (1 m) tall.
11.				Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
12.	-	7.7		Woody vines - All woody vines greater than 3.28 ft in
14	10	= Total Cov	er	height.
Noody Vine Stratum (Plot size:)	1		J. His	
1. DA	3 1			
2			10	
3.	112			Hydrophytic
4				Vegetation
		= Total Cove	er	Present? Yes No
Remarks: (Include photo numbers here or on a separate sh				/
4				
	•			
*				

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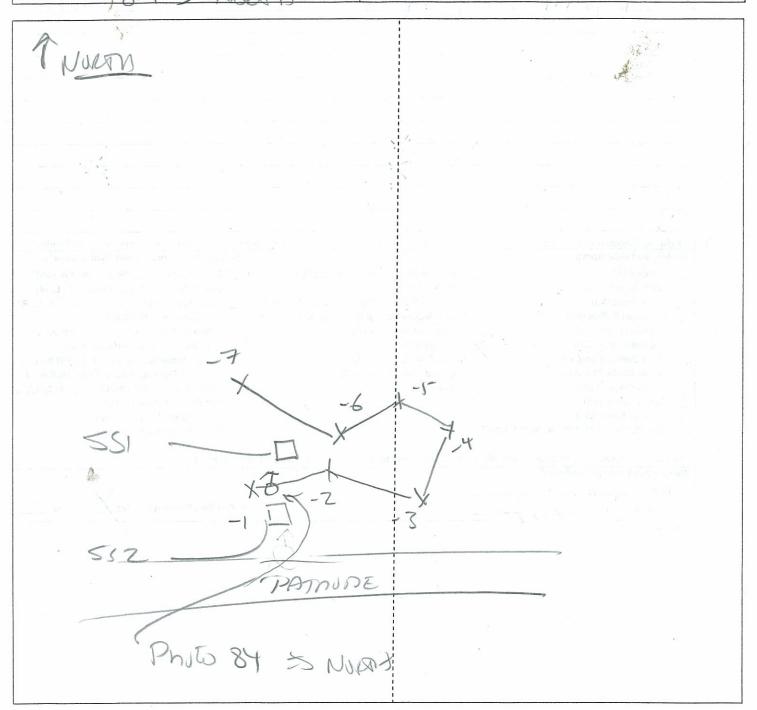


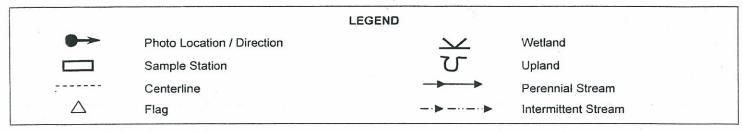
7/22/10.

SOIL		1 N ()		Sampling Point:
Profile Description: (Describe to the de			n the absence of indica	itors.)
Depth Matrix (inches) Color (moist) %	Redox Fea		T	1
(micries) Color (moist) %	Color (moist) %	6 Type ¹ Loc ²	Texture	Remarks
83 lay (31) -	-		SIItula	Ly ANGS
3-20 104 L4 11 93%	54 L314 =	76	5000 Ol	A WAKE)
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Tarata.			<u> </u>	
All his to the second	-			4.47
14. 14. 1				
46.40%			A	-
T & CConsolution Debalation DA			· 2.	
Type: C=Concentration, D=Depletion, RM lydric Soil Indicators:	=Reduced Matrix, CS=Cove	ered or Coated Sand Gr		=Pore Lining, M=Matrix. ematic Hydric Soils ³ :
Histosol (A1)	Polyvalue Below Surfa	ace (S8) (LDD D		
Histic Epipedon (A2)	MLRA 149B)	ace (ob) (LKK K,	Coast Prairie Re	(LRR K, L, MLRA 149B) dox (A16) (LRR K, L, R)
Black Histic (A3)	**************************************) (LRR R, MLRA 149B)		t or Peat (S3) (LRR K, L, R)
Hydrogen Sulfide (A4)	Loamy Mucky Mineral		Dark Surface (S7	() (LRR K, L)
Stratified Layers (A5)	Loamy Gleyed Matrix	(F2)		Surface (S8) (LRR K, L)
Depleted Below Dark Surface (A11)	Depleted Matrix (F3)			e (S9) (LRR K, L)
Thick Dark Surface (A12) Sandy Mucky Mineral (S1)	Redox Dark Surface (F		Iron-Manganese	Masses (F12) (LRR K, L, R
Sandy Gleyed Matrix (S4)	 Depleted Dark Surface Redox Depressions (F 			lain Soils (F19) (MLRA 1491 A6) (MLRA 144A, 145, 1498
Sandy Redox (S5)	redex popressions (r	5)	Red Parent Mate	
Stripped Matrix (S6)				rk Surface (TF12)
Dark Surface (S7) (LRR R, MLRA 149	B)		Other (Explain in	
ladicators of hydrophytic vegetation and	/			
ndicators of hydrophytic vegetation and we estrictive Layer (if observed):	suand nydrology must be pro	esent, unless disturbed	or problematic.	
Type:			V	. 0
1 0		5-75	Hudria Sail Brasant?	Van X
Depth (inches):			Hydric Soil Present?	Yes No
emars.				
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		Section (0.
				1. 人名英格兰
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			July .	Pro-

SKETCH FORM

WETLAND ID/ROUTE ID:	PROJECT:			
INITIALS OF DELINEATORS:	DATE:	TIME:		
PHOTO ID: (24 2) MASTA	LOCATION:			







7/22/10

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: MRGJF	City/County:/	Vinton	Sampling Date: 7/12//
		State: N	0.0.7
Investigator(s): Des polyota			
Landform (hillslope, terrace, etc.): Ranguary //	NORMAN CONTRACTOR		nine
8			
Slope (%): Lat:	Long.		1 -
Soil Map Unit Name:			ation:A
Are climatic / hydrologic conditions on the site typical for the Are Vegetation, Soil, or Hydrology Are Vegetation, Soil, or Hydrology SUMMARY OF FINDINGS — Attach site map	significantly disturbed?	No (If no, explain in Re Are "Normal Circumstances" pi (If needed, explain any answer pint locations, transects,	resent? Yes No No
Hydric Soil Present? Wetland Hydrology Present? Remarks: (Explain alternative procedures here or in a se	within a No If yes, opt parate report.)	mpled Area Netland? Yes ional Wetland Site ID:	7
DOMINACE TEST 1			no VEgj
HYDROLOGY			
Wetland Hydrology Indicators:		Secondary Indicat	ors (minimum of two required)
Primary Indicators (minimum of one is required; check all		Surface Soil (Cracks (B6)
High Water Table (A2) Aqu Saturation (A3) Mai Water Marks (B1) Hyd Sediment Deposits (B2) Oxi Drift Deposits (B3) Pre Algal Mat or Crust (B4) Rec Iron Deposits (B5) Thir Inundation Visible on Aerial Imagery (B7) Oth Sparsely Vegetated Concave Surface (B8)	ter-Stained Leaves (B9) uatic Fauna (B13) I Deposits (B15) Irogen Sulfide Odor (C1) Idized Rhizospheres on Living sence of Reduced Iron (C4) cent Iron Reduction in Tilled S In Muck Surface (C7) er (Explain in Remarks)	Crayfish Burro Roots (C3) Saturation Vis Stunted or Str Geomorphic F Shallow Aquit	ves (B16) Vater Table (C2) ves (C8) vible on Aerial Imagery (C9) vessed Plants (D1) Position (D2) ard (D3) verse (D4)
Water Table Present? Yes No De Saturation Present? Yes No De	pth (inches): pth (inches): pth (inches):	Wetland Hydrology Present	? Yes No
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well,	aerial photos, previous inspe	ctions), if available:	
	· 2		
Remarks:			
*			



VEGETATION – Use scientific names of plants.				Sampling Point:
Tree Stratum (Plot size: 70 monty)	Absolute % Cover	Dominan Species?	t Indicator Status	Dominance Test worksheet:
1 ACBR SACCHALUNA	40	4	BACI	Number of Dominant Species
2 APRIES RAISAMBA	10	N	EAC	That Are OBL, FACW, or FAC: (A)
3. ACER RUDRUM	10	N	FAC	Total Number of Dominant Species Across All Strata: (B)
4.				Percent of Dominant Species That Are OBL, FACW, or FAC:
5.				That Are OBE, I ACW, OF AC.
6				Prevalence Index worksheet:
7	60			Total % Cover of: Multiply by:
Sapling/Shrub Stratum (Plot size:		= Total Co	ver	OBL species x 1 = FACW species x 2 =
ARREST OLLANTEA	10	4.	EAR	FACW species x 2 = FAC species x 3 = 165
2 OPRYLOS COROLDA	*	N/ 1	EACLO	FACU species $65 \times 4 = 760$
3. ACER SACCHARUM	1.	4.	PAGE	UPL species
4	1.2		mu	Column Totals: 125 (A) (B)
5.				Prevalence Index = B/A =
6				Hydrophytic Vegetation Indicators:
7				Rapid Test for Hydrophytic Vegetation
6	30	= Total Co	/er	Dominance Test is >50%
Herb Stratum (Plot size:	B	1/		Prevalence Index is ≤3.0 ¹
1 OSMUNDA CIAYTONIA	10	7	FAC	Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet).
2. DRYOMERIS CARIHUSIAN	VIO	4.7	HC.	Problematic Hydrophytic Vegetation ¹ (Explain)
3. PRUMOS SERBTINA	5	N.	CACO	¹ Indicators of hydric soil and wetland hydrology must
4 ACHIA DODICADIIS	2	-KI	OUT	be present, unless disturbed or problematic.
5. MAIAMIEMM	_5_	<u>H</u>	TAL	Definitions of Vegetation Strata:
6. <u>Unantale</u> 7				Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
8. <u>1.00 matrix and 1.00 matri</u>				
9. 2332 hoj - 4 dis			7 11	Sapling/shrub – Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.
10			*	Herb – All herbaceous (non-woody) plants, regardless
11.				of size, and woody plants less than 3.28 ft tall.
12.				Woody vines – All woody vines greater than 3.28 ft in
7	35_:	= Total Cov	er	height.
Woody Vine Stratum (Plot size:)			-9 -	
1. n				The street of the second secon
2				, "
3				Hydrophytic
4				Vegetation Present? Yes No
		= Total Cov	er	165 7
Remarks: (Include photo numbers here or on a separate si	heet.)		24	
UPLX - NOT 1.5tos				
				Y E

IC7023-552



Depth			th needed to docume	ent the indicator	or confirm	n the absence	of indica	tors.)	
	Matrix			Features			-1 11111111111		
(inches)	Color (moist)	%	Color (moist)	% Type ¹	Loc²	Texture		Remai	rks
6	1000313	90	254 212	10 5	M.	5000	10	Λ	1 3 3 4
	ICHE SI S	10	V121 012	100	1161	SIGNIO	110	HW	
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				55-4		 »			
				<u> </u>					7.
ype: C=Co	ncentration, D=Depl	etion, RM=	Reduced Matrix, CS=0	Covered or Coate	d Sand Gr	ains. ² Loc	ation: PL:	Pore Lining	g, M=Matrix.
dric Soil Ir	ndicators:					Indicators	for Proble	matic Hyd	ric Soils ³ :
Histosol (A1)		Polyvalue Below S	Surface (S8) (LRF	R,	2 cm N	luck (A10)	(LRR K. L.	MLRA 149B
_ Histic Epi	pedon (A2)		MLRA 149B)	, ,,		Coast	Prairie Red	lox (A16) (I	.RR K, L, R)
_ Black His	tic (A3)		Thin Dark Surface	(S9) (LRR R, MI	-RA 149B)	5 cm M	lucky Peat	or Peat (S3	3) (LRR K, L,
	Sulfide (A4)		Loamy Mucky Min			Dark S	urface (S7	(LRR K, L)
Stratified	Layers (A5)		Loamy Gleyed Ma		•) (LRR K, L)
	Below Dark Surface	(A11)	Depleted Matrix (F			Thin Da	ark Surface	(S9) (LRR	K I
	k Surface (A12)		Redox Dark Surfac						2) (LRR K, L
	ucky Mineral (S1)		Depleted Dark Sur			Piedmo	nt Floodol	oin Soile (F	2) (LRR R, L 19) (MLRA 1
	eyed Matrix (S4)	:= ³ .	Redox Depression	30 100					144A, 145, 14
		2.	reads, poprocess,	J (1 J)		Ped Pa	rent Mater	iol (TE2)	144A, 145, 14
	edox (S5)					1\cu1 a	i en i matei		
_ Sandy Re								Surface /	TE 12\
_ Sandy Re _ Stripped M	Matrix (S6)	LRA 149B)			Very SI	nallow Dar	k Surface (1	ΓF12)
_ Sandy Re _ Stripped M		LRA 149B)			Very SI			ΓF12)
_ Sandy Re _ Stripped M _ Dark Surfa	Matrix (S6) ace (S7) (LRR R, M			e present, unless	disturbed	Very St	nallow Dar Explain in		ΓF12)
Sandy Re Stripped M Dark Surfa	Matrix (S6) ace (S7) (LRR R, M hydrophytic vegetation) tland hydrology must be	e present, unless	disturbed	Very St	nallow Dar Explain in		ΓF12)
_ Sandy Re _ Stripped M _ Dark Surfa dicators of hestrictive La	Matrix (S6) ace (S7) (LRR R, M			e present, unless	disturbed	Very St	nallow Dar Explain in		ΓF12)
Sandy Re Stripped M Dark Surfa dicators of hestrictive La	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in		(F12)
_ Sandy Re _ Stripped M _ Dark Surfa dicators of hestrictive La	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very St	nallow Dar Explain in		ΓF12) Nο
Sandy Re Stripped N Dark Surfa dicators of h strictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h strictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h strictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h strictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h strictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h strictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h strictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h strictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h strictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h strictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h strictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h strictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h strictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h estrictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h estrictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h estrictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h strictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h estrictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h strictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped M Dark Surfa ndicators of h estrictive La Type:	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\
Sandy Re Stripped N Dark Surfa dicators of h estrictive La Type: Depth (inch	Matrix (S6) face (S7) (LRR R, M hydrophytic vegetation face (if observed):			e present, unless	disturbed	Very SI Other (I or problematic.	nallow Dar Explain in	Remarks)	\

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

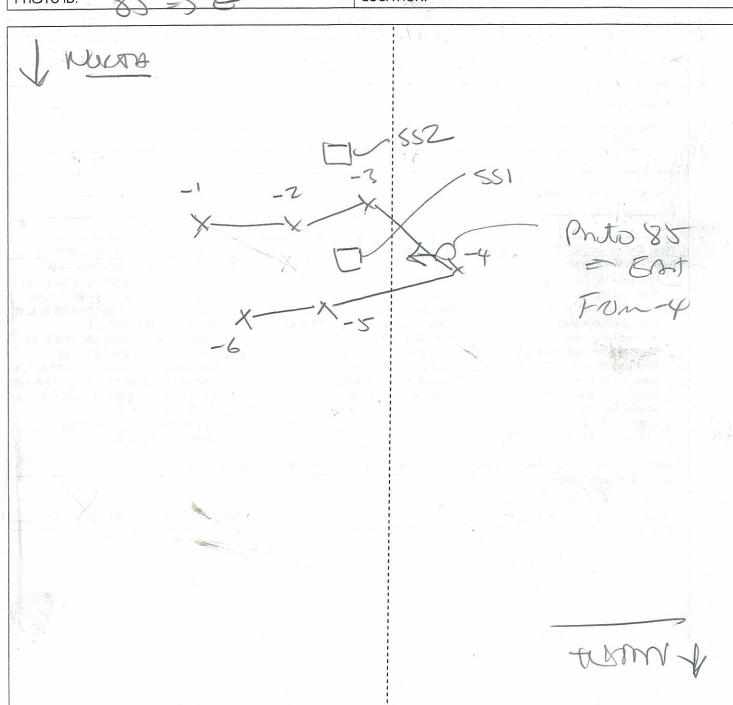
Project/Site: MRWF City/	County: Clinton Sampling Date: 7/27/13
Applicant/Owner: R (CC	State: 17 Sampling Point: 551
	tion, Township, Range:
	Local relief (concave, convex, none):
Slope (%): Lat: Long	
Soil Map Unit Name:	NWI classification: PROLIPEA
Are climatic / hydrologic conditions on the site typical for this time of year?	Yes No (If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology significantly distr	urbed? Are "Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology naturally problem	matic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing sa	mpling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Hydric Soil Present? Yes No	Is the Sampled Area within a Wetland? Yes No
Wetland Hydrology Present? Yes No Remarks: (Explain alternative procedures here or in a separate report.)	If yes, optional Wetland Site ID:
PFOI/PEN (1-6) EDGE 06 mgmos Dec	open to CAST,
HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)	Surface Soil Cracks (B6)
Surface Water (A1)Water-Stained Leav	
High Water Table (A2) Aquatic Fauna (B13)	the state of the s
Saturation (A3) Marl Deposits (B15) Water Marks (B1) Hydrogen Sulfide O	
	odor (C1) Crayfish Burrows (C8) eres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduce	
	ion in Tilled Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surface	The state of the s
Inundation Visible on Aerial Imagery (B7) Cher (Explain in Re	
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No Depth (inches):	
Water Table Present? Yes No Depth (inches):	+ /
Saturation Present? Yes No Depth (inches): (includes capillary fringe)	Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pr	revious inspections), if available:
Remarks:	
butmassa Trunts	
Photo 85=> EAST	

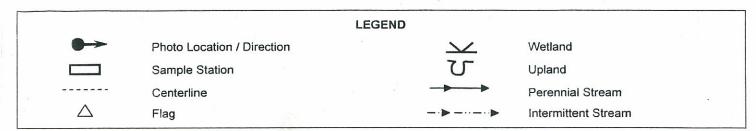
VEGETATION – Use scientific names of plants.		Sampling Point: 55
Tree-Stratum (Plot size: 30/ 000 / Absolute % Cover	Dominant Indicator Species? Status	Dominance Test worksheet: /
1 ACER RUTIBLING	y Var	Number of Dominant Species
2. Abjes Traisamea 10	NIEN	That Are OBL, FACW, or FAC: (A)
	N S	Total Number of Dominant
3. FRAXINOS PENSYlvaia10	N May	Species Across All Strata: (B)
The state of the s		Percent of Dominant Species
5		That Are OBL, FACW, or FAC:
6		Prevalence Index worksheet:
7		Total % Cover of: Multiply by:
N 1 60	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size:	Comments of	FACW species x 2 =
1. FRAXIOUS PENDELIVANCA D	T FACU	FAC species x 3 =
2. PIDIES RAKAMEA S	Y FAZ	FACU species x 4 =
3		UPL species x 5 =
		Column Totals: (A) (B)
4	1200	Prevalence Index = B/A =
5		
6		Hydrophytic Vegetation Indicators:
7		Rapid Test for Hydrophytic Vegetation
7 = 1 ()	= Total Cover	Dominance Test is >50% Prevalence Index is ≤3.0¹
Herb Stratum (Plot size:	V. OLI	Morphological Adaptations ¹ (Provide supporting
1. OSMUNDA TREGATIS 30	1 001	data in Remarks or on a separate sheet)
2. On OCIEA SENSIBILIS 10	4 TAW	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Abies RAISANEA (D)	Y FAZ	The second secon
4. TORIATORIA 10	4 1 m 1 1 2 2 2 2 2	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5.	i nakanta jin i	
6.		Definitions of Vegetation Strata:
7.	A 100 A	Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
8.	·	
and the second s		Sapling/shrub – Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.
9		
10		Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
11.		
12.		Woody vines – All woody vines greater than 3.28 ft in height.
	Total Cover	
Woody Vine Stratum (Plot size:)	C	
1. / / /		
2		
3		Hydrophytic
4		Vegetation
=	Total Cover	Present? Yes No No
Remarks: (Include photo numbers here or on a separate sheet.)	1	
		e - 1
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,		

	SOIL	1	Sampling Point: SS/
	Profile Description: (Describe to the de	epth needed to document the indicator or confir	
	Depth Matrix	Redox Features	
	(inches) Color (moist) %	Color (moist) % Type ¹ Loc ²	Texture Remarks
21	-9 104R211		-Sit WOUNDIOS
1	22 10 05/2015		1 - 0/0
1	10462/2°13	10y24/1	DARRY UIR
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-			
H		M=Reduced Matrix, CS=Covered or Coated Sand G	
	Hydric Soil Indicators: Histosol (A1)	Belavely Belave Con (CON)	Indicators for Problematic Hydric Soils ³ :
	Histic Epipedon (A2)	Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, MLRA 149B)
	Black Histic (A3)	Thin Dark Surface (S9) (LRR R, MLRA 1498	Coast Prairie Redox (A16) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
	Hydrogen Sulfide (A4)	Loamy Mucky Mineral (F1) (LRR K, L)	Dark Surface (S7) (LRR K, L)
	Stratified Layers (A5)	Loamy Gleyed Matrix (F2)	Polyvalue Below Surface (S8) (LRR K, L)
	Depleted Below Dark Surface (A11)	Depleted Matrix (F3)	Thin Dark Surface (S9) (LRR K, L)
	Thick Dark Surface (A12)	Redox Dark Surface (F6)	Iron-Manganese Masses (F12) (LRR K, L, R)
1	Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4)	Depleted Dark Surface (F7) Redox Depressions (F8)	Piedmont Floodplain Soils (F19) (MLRA 149B)
	Sandy Redox (S5)	Nedox Depressions (Fo)	Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (TF2)
	Stripped Matrix (S6)		Very Shallow Dark Surface (TF12)
	Dark Surface (S7) (LRR R, MLRA 149	9B)	Other (Explain in Remarks)
	3		
-	Restrictive Layer (if observed):	vetland hydrology must be present, unless disturbed	or problematic.
1	.) []		
L	Depth (inches):	Y .	Hydric Soil Present? Yes No
	Remarks:	3	
1			
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			A STATE OF THE STA
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			. 0

SKETCH FORM

No. of Children and Children an	
WETLAND ID/ROUTE ID:	PROJECT:
INITIALS OF DELINEATORS:	DATE: TIME:
PHOTO ID:	LOCATION:





IC7024552

UPLANS

WETLAND DE	TERMINATION DATA F	ORM – Northcentral	and Northeast Region
Project/Site: MRWF	City	//County: Plant	Sampling Date: 7/22/
Applicant/Owner: DR /	LC		State: // / Sampling Point: 55
Investigator(s): DELAT	tunta Ser	ction, Township, Range:	
Landform (hillslope, terrace, etc.):			ve, convex, none):
Slope (%): <u> </u>			
Soil Map Unit Name:		J	NWI classification:
Are climatic / hydrologic conditions on the s	ite typical for this time of year?	Yes V No	(If no, explain in Remarks.)
Are Vegetation ///, Soil/or Hyd		/-	Circumstances" present? Yes No
Are Vegetation , Soil , or Hyd	,		explain any answers in Remarks.)
a service of the serv			ons, transects, important features, etc
SOUMANT OF THE INCOME.	Jil Site map snowing se	1 10	mis, transects, important reatures, etc
7, 5, 5	Yes No No	Is the Sampled Area within a Wetland?	Yes No
Trijamo oom troodiini	Yes / No		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Yes No	If yes, optional Wetland	Site ID:
Remarks: (Explain alternative procedures	turb .	- Fair I	1 to abote VEST
Domin Ance 10	ST Paribio	g ron 19	ychophytic VEG)
7 - 10 M M M M M M M M M M M M M M M M M M	7-77-4	1	116
(Makener 1	NDEX NEG	. FOR H	yeno veg.
		C7	
HYDROLOGY		, , , , , , , , , , , , , , , , , , ,	
Wetland Hydrology Indicators:	-		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is req	uired; check all that apply)		Surface Soil Cracks (B6)
Surface Water (A1)	Water-Stained Lea		Drainage Patterns (B10)
High Water Table (A2)	Aquatic Fauna (B1	3)	Moss Trim Lines (B16)
Saturation (A3)	Marl Deposits (B15	5)	Dry-Season Water Table (C2)
Water Marks (B1)	— Hydrogen Sulfide C	Odor (C1)	Crayfish Burrows (C8)
Sediment Deposits (B2)	1990 - 1 - 1990	eres on Living Roots (C3)	Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3)	Presence of Reduc	and the second second	Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4)	The second secon	tion in Tilled Soils (C6)	Geomorphic Position (D2)
Iron Deposits (B5)	Thin Muck Surface		Shallow Aquitard (D3)
 Inundation Visible on Aerial Imagery Sparsely Vegetated Concave Surface 		emarks)	 Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:	(50)		i Ao-Neutiai rest (D3)
Surface Water Present? Yes	No Depth (inches):		
Water Table Present? Yes	No Depth (inches):	, e = _H.	
Saturation Present? Yes	NoDepth (inches):	Wetland H	lydrology Present? Yes No
(includes capillary fringe) Describe Recorded Data (stream gauge, in	monitoring well, corial photog, r	vravious inspections) if avai	ilable:
Describe Recorded Data (stream gauge, i	nontrolling well, aeriai priotos, p	nevious inspections), ii avai	liable.
8,			
Remarks:			
1			
+			

			* 2

Sapling/Shrub Stratum (Plot size: Spansamed) Sapling/Shrub Stratum (Plot size: Spansamed)	10	Species?	HACE FACE	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: Total Number of Dominant Species Across All Strata: (B) Percent of Dominant Species That Are OBL, FACW, or FAC
POPULOS TREMUDIDES PAIES TRAISAMEA POCER RUDIDAN Sapling/Shrub Stratum (Plot size: 15 R) PAIES TRAISAMEA	10	4	FAC FAC	That Are OBL, FACW, or FAC: Total Number of Dominant Species Across All Strata: Percent of Dominant Species (A) (B)
Sapling/Shrub Stratum (Plot size: 15 R) Phies Balsamea		4	FAC	Total Number of Dominant Species Across All Strata: Bercent of Dominant Species (B)
Sapling/Shrub Stratum (Plot size: S)		4	FAC	Species Across All Strata: (B) Percent of Dominant Species
Sapling/Shrub Stratum (Plot size: 15 R) Phies TSAISAMEA			- 108600 113	Percent of Dominant Species
Sapling/Shrub Stratum (Plot size: 15 R) Phies TSAISAMEA		- 12C 1		That Are ODI FACIAL FAC
Sapling/Shrub Stratum (Plot size: 15 R) Phies ISAISAMEA		7 127		That Are OBL, FACW, or FAC: (A/B
Abies TSAISAMEA	-7-			Prevalence Index worksheet:
Abies TSAISAMEA		L PAC		Total % Cover of: Multiply by:
Abies TSAISAMEA	73_	= Total Co	ver	OBL species x 1 = FACW species \ \ \ \ x 2 = \ 7.0
	10	4:	TAN	FACW species $\frac{10}{55}$ x 2 = $\frac{70}{165}$
·			FAC	FACU species <u>FO</u> x 4 = <u>700</u>
			/	UPL species x 5 =
Ol officiality in a control of			OID n. Storiensen	Column Totals: (A) (B)
SERVICE A SECURITY OF SEC				Prevalence Index = B/A = 3.35
- Commence				Hydrophytic Vegetation Indicators:
		1		Rapid Test for Hydrophytic Vegetation
	10	= Total Co	ver	Dominance Test is >50%
lerb Stratum (Plot size:)		11		Prevalence Index is ≤3.0¹
FRAXINUS PEONSYVANICA	410	4	FACCO)	Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
PRUNUS SEROTION	10	4.	FACO	Problematic Hydrophytic Vegetation¹ (Explain)
ACEL RUBRUL	5	N	FAC	
acopporun	_	N	FAC	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
CIPUATUM		(6)	ecest new	Definitions of Vegetation Strata:
				Tree – Woody plants 3 in. (7.6 cm) or more in diameter
- CS Servener - No. 3			00.000.00	at breast height (DBH), regardless of height.
+8(4) (mail		et option	711-31 NO	Sapling/shrub – Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.
0.		and the second		Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
1 2				Fisher State Control in the Control of the Control
<u></u>	3	 = Total Cov		Woody vines – All woody vines greater than 3.28 ft in height.
Voody Vine Stratum (Plot size:)	92	- Total Cov	eı	The second secon
OIA			0.5 16	en fanlage e in
				Underwhyste
				Hydrophytic Vegetation
3.4		= Total Cov	er	Present? Yes No No
emarks: (Include photo numbers here or on a separate		. 5.0. 550		-
Soils: 0 44 - 101	117	11	100	111
Doils: 0-4 - 101				
4-20 - 104	1 (1)	12	50	
7.20 104	(TI		1//	2 12 / 11 / 1

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Profile Des	cription: (De	scribe to	the depth	needed to document the in	dicator or confi-	m the absence of !-	Sampling Point:
Depth		latrix	aoptii	Redox Features	dicator or confir	in the absence of in	acators.)
(inches)	Color (mo		%	Color (moist) %	Type ¹ Loc ²	- Texture	Domesta
	1012	71				/ rexture	Remarks
	100/2					- LOA	N .
-	loin	41	2			a anno	100
	/ /	. , .					1017
				-			
						· <u> </u>	
						· 	
						*	
				1			
Type: C=Co	ncentration. D)=Depletic	on, RM=Rec	duced Matrix, CS=Covered o	r Coated Sand C	raina 21 aaatiana	DI - D
ydric Soil I	ndicators:		,	Jacob Maria, CO Covered O	Coated Sand G		PL=Pore Lining, M=Matrix. roblematic Hydric Soils ³ :
Histosol ((A1)			Polyvalue Below Surface (Si	8) /I DD D		
	ipedon (A2)		-	MLRA 149B)	b) (LKK K,	2 cm Muck (/	A10) (LRR K, L, MLRA 149B)
_ Black His				Thin Dark Surface (S9) (LRF	R MIRA 140R	Coast Prairie	Redox (A16) (LRR K, L, R)
	n Sulfide (A4)		-	Loamy Mucky Mineral (F1) (IRRKI)		Peat or Peat (S3) (LRR K, L, I (S7) (LRR K, L)
	Layers (A5)			Loamy Gleyed Matrix (F2)			low Surface (S8) (LRR K, L)
_ Depleted	Below Dark S	Surface (A		Depleted Matrix (F3)		Thin Dark Su	rface (S9) (LRR K, L)
	rk Surface (A1			Redox Dark Surface (F6)		Iron-Mangan	ese Masses (F12) (LRR K, L,
_ Sandy Mu	ucky Mineral (S1)		Depleted Dark Surface (F7)		Piedmont Flo	odplain Soils (F19) (MLRA 14
	eyed Matrix (S	64)		Redox Depressions (F8)		Mesic Spodio	(TA6) (MLRA 144A, 145, 149
Sandy Re						Red Parent N	Material (TF2)
	Matrix (S6)						Dark Surface (TF12)
_ Dark Surf	ace (S7) (LRF	RR, MLRA	A 149B)				n in Remarks)
	L						¥
idicators of r	iyaropnytic ve	egetation a	and wetland	hydrology must be present,	unless disturbed	or problematic.	
	ayer (if obser						
A 2000 - HILLIAN - 1	000	-					
Depth (inch	ies):	ale	4			Hydric Soil Preser	nt? Yes No
marks:							
							/
							/
						· · · · · · · · · · · · · · · · · · ·	
							· · · · · · · · · · · · · · · · · · ·

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: MRWF	2/22/1
Applications WR (((City/County: Clinton Sampling Date: 7/22113
Applicant/Owner: Y 1/4, ((State: NY Sampling Point: 55
Investigator(s): DECAITUATU	Section, Township, Range:
Landform (hillslope, terrace, etc.): Slight Stape 75	SW Local relief (concave, convex, none): SWANE
Slope (%): 25% Lat:	Long: Datum:
Soil Map Unit Name:	NWI classification: PEW
Are climatic / hydrologic conditions on the site typical for this time of ye	ear? Yes No (If no, explain in Remarks.)
Are Vegetation , Soil , or Hydrology , significantly	disturbed? Are "Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology naturally pro	
SUMMARY OF FINDINGS – Attach site map showing	sampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No	Is the Sampled Area
Hydric Soil Present? Yes No	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	
CAREX STUMBLE PROMINGS	t py reagant
CME 1-1-1	2000
Crocx Strails Proming	t with the same of the
	The little
DEM VET (1-6)	SWATE
H∜DROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)	Surface Soil Cracks (B6)
Surface Water (A1) Water-Stained L	
✓ Saturation (A3) Marl Deposits (B	
Water Marks (B1) Hydrogen Sulfid Sediment Deposits (B2) Oxidized Rhizos	
Oxidized Rhizos Oxidized Rhizos Presence of Rec	spheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
In the company of the	
Iron Deposits (B5) Thin Muck Surfa	To the first the control of the cont
Inundation Visible on Aerial Imagery (B7) Other (Explain in	orialion / iquitara (Bo)
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No Depth (inches):	
Water Table Present? Yes No Depth (inches):	
Saturation Present? Yes No Depth (inches):	Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, monitoring well, aerial photos	3. Drevious inspections) if available:
	The state of the s
Remarks:	
Nemarks.	
Phys OD => WEST	
LITTEXT OF DECID WET	A218A/OH1261A
Doors Il	NUI ¿ BEC WERANS
MAN MAN MANDERS	INWS & OEC WESTANS

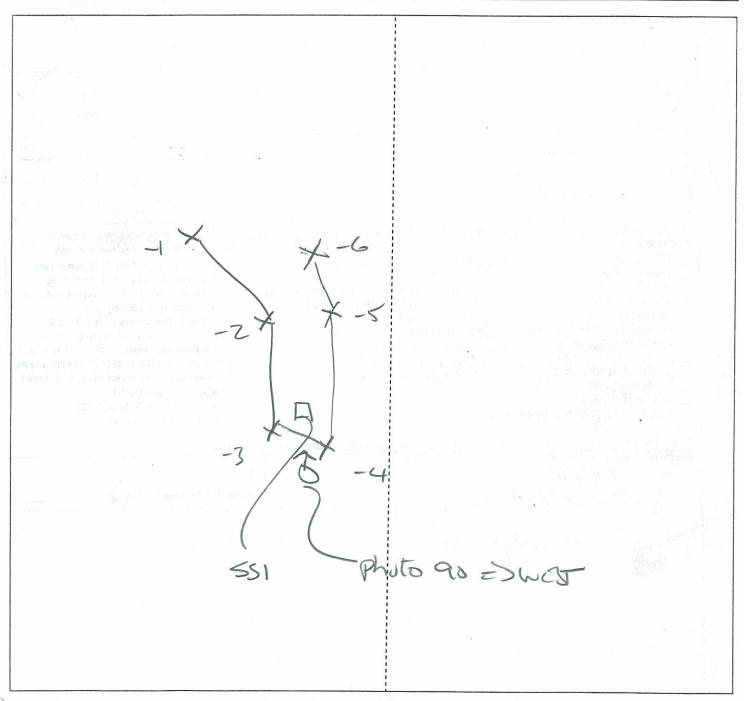
VEGETATION – Use scientific names of plants.	•		Sampling Point:
	Absolute	Dominant Indicat	
Tree Stratum (Plot size:)	% Cover	Species? Statu	
1. OA			Number of Dominant Species That Are OBL, FACW, or FAC: (A)
2.			(A)
			Total Number of Dominant
3			
4.	-		— Percent of Dominant Species
5			That Are OBL, FACW, or FAC:
6			Prevalence Index worksheet:
7.			
		= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size:)			FACW species x 2 =
1010			FAC species x 3 =
			
2.			FACU species x 4 =
3.	- morgo place		UPL species x 5 =
4			Column Totals: (A) (B)
			Prevalence Index = R/A =
5			Prevalence Index = B/A =
6			Hydrophytic Vegetation Indicators:
7.		1 1 1	Rapid Test for Hydrophytic Vegetation
	-	Total Cover	Dominance Test is >50%
Herb Stratum (Plot size:		Total Cover	Prevalence Index is ≤3.0¹
	00	4	Morphological Adaptations ¹ (Provide supporting
1. SCIRPOS SP.	-8/	HACC	data in Remarks or on a separate sheet)
2. Rhairus Arendinace	960	7 101	Problematic Hydrophytic Vegetation¹ (Explain)
3		14.50	
4			Indicators of hydric soil and wetland hydrology must
		et live and the second	be present, unless disturbed or problematic.
		A STATE OF THE RESERVE OF	Definitions of Vegetation Strata:
6.		en marini	
7			Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
8			_ at breast height (DBH), regardless of height.
		17 7 6 8 14 14 14	 Sapling/shrub – Woody plants less than 3 in. DBH
			and greater than 3.28 ft (1 m) tall.
			Herb - All herbaceous (non-woody) plants, regardless
11.			of size, and woody plants less than 3.28 ft tall.
12			Woody vines - All woody vines greater than 3.28 ft in
18	an	Total Cover	height.
Woods Vine Status (DLA)		Total Cover	. Et on K., s
Woody Vine Stratum (Plot size:)			
1/) / A selection in the letter	Mary Mary	gravita i series de la con-	
2			
3. 44 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			16.48
4			Uegetation
T.			Present? Yes No
		Total Cover	70
Remarks: (Include photo numbers here or on a separate sh	neet.)		
11717-0-1	/		1
VEGETAN ROENT	7	HARUEL	77
	/	110000	Man
AIDIN- 110	. (The
THE THE	4		
		28	PLES MICH FARCE
			01830
		B	L. long.

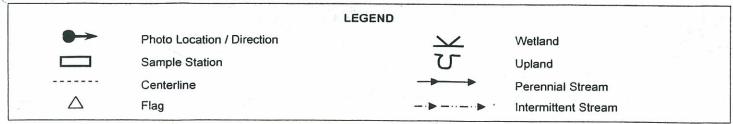
Profile Desc	cription: (Describe to the de	-th t- t t			Sampling Poin	II: <u>0</u>
Depth	Matrix	epth needed to document the indi	icator or confirm	the absence of indi	cators.)	
(inches)	Color (moist) %	Redox Features Color (moist) % T	Type Loc2	Texture		
7-6	104241	70 1	<u> </u>	rexture	Remarks	(P) (P) (P)
20	1092411			211	ty CIA	
5-60	Oley 1211042	1154R 416 500	CM		IÀ (5
					1	
*	15 1 1 2 5 7 7					
	1			-	1	

						11
					-	
			100			
Type: C=Co	ncentration, D=Depletion, RM	=Reduced Matrix, CS=Covered or	Coated Sand Gra	ine 21 postion. F	N - D 1 · · · ·	
Hydric Soil Ir	ndicators:	,	Coaled Carlo Gra	Indicators for Pro	L=Pore Lining, N	1=Matrix.
Histosol (Polyvalue Below Surface (S8)	(LRR R.		0) (LRR K, L, ML	
	pedon (A2)	MLRA 149B)		Coast Prairie R	edox (A16) (LRR	K. L. R)
Black His		Thin Dark Surface (S9) (LRR	R, MLRA 149B)	5 cm Mucky Pe	at or Peat (S3) (I	LRR K, L, R)
	Sulfide (A4) Layers (A5)	Loamy Mucky Mineral (F1) (LI	RR K, L)	Dark Surface (\$	57) (LRR K, L)	
	Below Dark Surface (A11)	Loamy Gleyed Matrix (F2) Depleted Matrix (F3)		Polyvalue Belo	w Surface (S8) (L	RR K, L)
Thick Dar	k Surface (A12)	Redox Dark Surface (F6)		Thin Dark Surfa	ce (S9) (LRR K,	L)
Sandy Mu	icky Mineral (S1)	Depleted Dark Surface (F7)		Piedmont Floor	e Masses (F12) (Iplain Soils (F19)	LRR K, L, R)
	eyed Matrix (S4)	Redox Depressions (F8)		Mesic Spodic (TA6) (MLRA 144)	(MLKA 149E
Sandy Re				Red Parent Mar	terial (TF2)	A, 143, 143D
	Matrix (S6) ace (S7) (LRR R, MLRA 149 E			Very Shallow D	ark Surface (TF1:	2)
Dark Ourie	CO (O/) (LKK K, WLKA 149E))		Other (Explain i	n Remarks)	
Indicators of h	ydrophytic vegetation and we	tland hydrology must be present, u	nless disturbed o	rproblematic		
Restrictive La	yer (if observed):	, з, т р т р т т р т т т т т т	Tiredo diotarbed Gr	problematic.		
Type:						
туре	nune					
	nune			Hydric Soil Procents	vos V	Na
Depth (inch	nune			Hydric Soil Present	Yes Yes	No
Depth (inche	es): AA			Hydric Soil Present	Yes Yes	No
Depth (inche	es): AA	- Judai		Hydric Soil Present	7 Yes	No
Depth (inche	es): AA	rudic wist		Hydric Soil Present	Yes Yes	No
Depth (inche	es): AA	rudic 200 mol		Hydric Soil Present	? Yes	No
Depth (inche	es): AA	rudic const		Hydric Soil Present	Yes Yes	No
Depth (inche	es): AA	rudic const		Hydric Soil Present	Yes Yes	No
Depth (inche	es): AA	rudic wist		Hydric Soil Present	7 Yes	No
Depth (inche	es): AA	rudic const		Hydric Soil Present	? Yes	No
Depth (inche	es): AA	rudic wish		Hydric Soil Present	Yes	No
Depth (inche	es): AA	rudic const		Hydric Soil Present	Yes	No
Depth (inche	es): AA	rudic const		Hydric Soil Present	Yes	No
Depth (inche	es): AA	rudic const		Hydric Soil Present	Yes	No
Depth (inche	es): AA	rudic wish		Hydric Soil Present	Yes	No
Depth (inche	es): AA	rudic wish		Hydric Soil Present	Yes	No
Depth (inche	es): AA	rudic wish		Hydric Soil Present	Yes	No
	es): AA	rudic const		Hydric Soil Present	Yes	No

SKETCH FORM

WETLAND ID/ROUTE ID:	PROJECT:	
INITIALS OF DELINEATORS:	DATE:	TIME:
PHOTO ID:	LOCATION:	51.5





IC7025B-SSI

ET

WETLAND DETERMINATION DATA FORM -	Northcentral and Northeast Region
^ ~ ~	Clinton Sampling Date: 7/22/1
Applicant/Owner: MR, (CC	State: NIV Samuel St.
Investigator(s): DECAIH UTI Section, Town	nship Range:
	cal relief (concave, convex, none):
Slope (%): Lat: Long:	Carroller (Correave, Correex, Horie).
Soil Map Unit Name:	
	NWI classification:
Are climatic / hydrologic conditions on the site typical for this time of year? Yes	
Are Vegetation , Soil , or Hydrology , significantly disturbed?	Are "Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology naturally problematic?	(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing sampling	point locations, transects, important features, etc.
	Sampled Area a Wetland? Yes No
I many for a residual section of the	optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	peroval visualid site ib.
(USS) PEW MADRE NUI	'ODEC
The state of the s	e isce
E C 11 C C C C C C C C C C C C C C C C C	
(1-3)	
HYDROLOGY	· 1 a. was least) reading dealed
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)	Surface Soil Cracks (B6)
Surface Water (A1) Water-Stained Leaves (B9)	Drainage Patterns (B10)
High Water Table (A2) Aquatic Fauna (B13)	Moss Trim Lines (B16)
Saturation (A3) Marl Deposits (B15)	Dry-Season Water Table (C2)
Water Marks (B1) Hydrogen Sulfide Odor (C1)	Crayfish Burrows (C8)
Sediment Deposits (B2) Oxidized Rhizospheres on Livi	3-7()
Iron Deposits (B5) Thin Muck Surface (C7) ↓ Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	Shallow Aquitard (D3)
Sparsely Vegetated Concave Surface (B8)	Martin Pograpinio ((D+)
Field Observations:	FAC-Neutral Test (D5)
Surface Water Present? Yes No Depth (inches):	
Water Table Present? Yes No Depth (inches):	The second secon
Saturation Present? Yes No Depth (inches):	Wetland Hydrology Present? Yes No No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous insp	pections), if available:
Remarks:	4.
HUE 91 = 50	The second secon
	* , · · · , · · · , · · · · ;
	_ 046
	1

VEGETATION – Use scientific names of plants.			Sampling Point:
		Dominant Indi Species? Si	Number of Dominant Species
1.			That Are OBL, FACW, or FAC: (A)
3.			Total Number of Dominant
5.			
6			
7./			Total % Cover of: Multiply by:
15/0		= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 1)		1/	FACW species x 2 =
1. AINUS 1206OSA	10	TA	FAC species x 3 =
2. ACER RUSTURE	10	4 TRA	FACU species x 4 =
3 Charles in the second shape and the secon			UPL species x 5 =
4			Column Totals: (A) (B)
5			Prevalence Index = B/A =
6			Hydrophytic Vegetation Indicators:
7			Rapid Test for Hydrophytic Vegetation
6. 210	<u> 50</u>	= Total Cover	Dominance Test is >50%
Herb Stratum (Plot size:	(4	Prevalence Index is ≤3.0¹
11 TPHA LATIFOLIA	40	OT	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
2. EUPATORIUM MACULATUM	16	N/ RA	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Ecthamia GRAMINIANIA	< (0)	IV TA	7
4 614CBARA SP.	7	NI DE	Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5. CONDCIBA SENSIHILIS	10	IV BA	
ACOIED AC 1800	2	()I	Definitions of Vegetation Strata:
100E 10: -10	10	1	Tree - Woody plants 3 in. (7.6 cm) or more in diameter
8. ASTER COMBRUARY		1 20	at breast height (DBH), regardless of height.
9		N par	Sapling/shrub – Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.
10.			Herb – All herbaceous (non-woody) plants, regardless
11.	1 10		of size, and woody plants less than 3.28 ft tall.
12	1		Woody vines – All woody vines greater than 3.28 ft in
18	96 -	Total Cover	height.
Woody Vine Stratum (Plot size:			13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
n A	Books to	The state of the s	and the latest of the second o
2.			
Transcription	la		—_ Hydrophytic
1			Vegetation
Woody Vine Stratum (Plot size:) 1	96 =	Total Cover	meserico de la companya de la compan

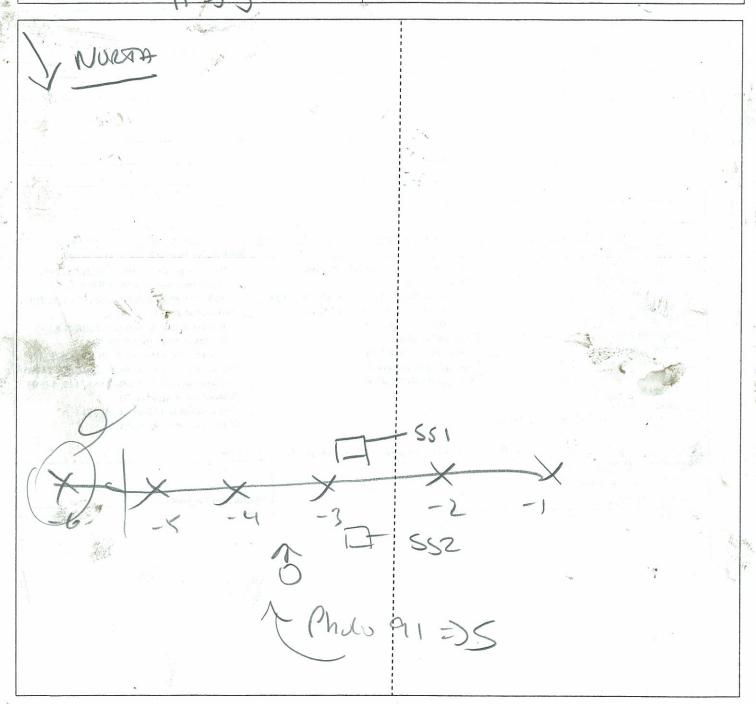
Profile Description: (Describe to	the depth needed to document t	he indicator or assessment	Samplii	ig Point:
Depth Matrix	Redox Feat	ures	ence of indicators.)	Si
(inches) Color (moist)	% Color (moist) %		re Re	emarks
20 1041211	#714		11/ (1)	1
		/_///	5,11	loly
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			AN COLUMN	
The state of the s		P	1.0	
7.2 -19		\$ 1 m		
<u> </u>				7. 7.
				-te 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
				
		<u> </u>	1	
	(A) (A)			112
Augustine State	hediotesiasi			
	Market Comments of the Comment			. 14
ype: C=Concentration, D=Depleti	on, RM=Reduced Matrix, CS=Cover	red or Coated Sand Grains.	² Location: PL=Pore Li	ning. M=Matrix
yoric Soil indicators:		Indicat	ors for Problematic I	lydric Soils ³ :
Histosol (A1) Histic Epipedon (A2)	Polyvalue Below Surface	ce (S8) (LRR R, 2 c	m Muck (A10) (LRR K	L, MLRA 149B)
Black Histic (A3)	MLRA 149B) Thin Dark Surface (S0)	Со	ast Prairie Redox (A16) (LRR K, L, R)
_ Hydrogen Sulfide (A4)	Thin Dark Surface (S9) Loamy Mucky Mineral (m Mucky Peat or Peat	(S3) (LRR K, L,
_ Stratified Layers (A5)	Loamy Gleyed Matrix (F		rk Surface (S7) (LRR I	(, L)
Depleted Below Dark Surface (A	11) Depleted Matrix (F3)		yvalue Below Surface n Dark Surface (S9) (L	(S8) (LKK K, L)
_ Thick Dark Surface (A12)	Redox Dark Surface (Fi	6) Iror	-Manganese Masses	F12) (LRR K. L.
Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4)	Depleted Dark Surface	(F7) Pie	dmont Floodplain Soils	(F19) (MLRA 14
Sandy Redox (S5)	Redox Depressions (F8		sic Spodic (TA6) (MLR	A 144A, 145, 149
Stripped Matrix (S6)		Rec	Parent Material (TF2)	·
Dark Surface (S7) (LRR R, MLR	A 149B)	— Vei	y Shallow Dark Surfacter (Explain in Remarks	9 (1F12)
				,
atautau et i i ii			atic	
dicators of hydrophytic vegetation	and wetland hydrology must be pres	sent, unless disturbed or problem	auc.	
estrictive Layer (if observed):	and wetland hydrology must be pres	sent, unless disturbed or problem	auc.	(
Type:	and wetland hydrology must be pres	sent, unless disturbed or problem	s.K.	(
Type:Depth (inches):	and wetland hydrology must be pre:		oil Present? Yes_	No_
Type:Depth (inches):	and wetland hydrology must be pre:		e de	No_
Type:	and wetland hydrology must be pre:		e de	No_
Type:	and wetland hydrology must be pre:		e de	No
Type:	and wetland hydrology must be pre:		e de	No
Type:	and wetland hydrology must be pre:		e de	No_
Type:	and wetland hydrology must be pre		e de	No_
Type:	and wetland hydrology must be pre:		e de	No_
Type:	and wetland hydrology must be pre		e de	No
Type:	and wetland hydrology must be pre		e de	No
Type:	and wetland hydrology must be pre		e de	No
Type:Depth (inches):	and wetland hydrology must be pre		e de	No_
Type:Depth (inches):	and wetland hydrology must be pre		e de	No_
Type:	and wetland hydrology must be pre		e de	No
Type:	and wetland hydrology must be pre		e de	No
Type:Depth (inches):	and wetland hydrology must be pre		e de	No
Type:	and wetland hydrology must be pre		e de	No
Type:	and wetland hydrology must be pre		e de	No_

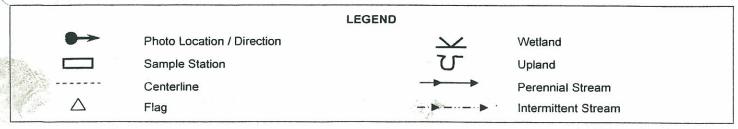
WETT

7/22/10

SKETCH FORM

WETLAND ID/ROUTE ID:	PROJECT:	
INITIALS OF DELINEATORS:	DATE:	TIME:
PHOTO ID:	LOCATION:	





WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region City/County: Applicant/Owner: State: NI Section, Township, Range: Landform (hillslope, terrace, etc.): Local relief (concave, convex, none): Slope (%): _ Long: _ Soil Map Unit Name: NWI classification: Are climatic / hydrologic conditions on the site typical for this time of year? Yes No _____ (If no, explain in Remarks.) Are Vegetation ______, Soil ______, or Hydrology ______ significantly disturbed? Are "Normal Circumstances" present? Yes _ Are Vegetation ______, Soil ______, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Is the Sampled Area Hydric Soil Present? within a Wetland? Wetland Hydrology Present? If yes, optional Wetland Site ID: Remarks: (Explain alternative procedures here or in a separate report.) **HYDROLOGY** Wetland Hydrology Indicators: Secondary Indicators (minimum of two required) Primary Indicators (minimum of one is required; check all that apply) Surface Soil Cracks (B6) Surface Water (A1) Water-Stained Leaves (B9) Drainage Patterns (B10) High Water Table (A2) Aquatic Fauna (B13) Moss Trim Lines (B16) Saturation (A3) Marl Deposits (B15) Dry-Season Water Table (C2) Water Marks (B1) Hydrogen Sulfide Odor (C1) Crayfish Burrows (C8) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Geomorphic Position (D2) Iron Deposits (B5) Thin Muck Surface (C7) Shallow Aquitard (D3) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Microtopographic Relief (D4) Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Depth (inches): Water Table Present? No ≤ Depth (inches): Saturation Present? **Wetland Hydrology Present?** (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

C7025B-SS2

UplAnd

V	FGE	TAT	TION -	- LISE	scientific	names	of	nlante
A	LOL	10	ION -	- 036	Scientific	names	ΟI	piants.

VEGETATION – Use scientific names of plants.				Sampling Point: 55 - C
Tree Stratum (Plot size: 30 R)	Absolute		nt Indicator	Dominance Test worksheet:
1 PhiES RAISAMBA	% Cover	Species	? Status	Number of Dominant Species
2 ACBR SACRHARUM	73	-	PALL	That Are OBL, FACW, or FAC:(A)
3. ACER RUDZOM	000		- NOC	Total Number of Dominant
S. TICBLE TEON FOR	65	7	15/50	Species Across All Strata: (B)
4.				Percent of Dominant Species
5				That Are OBL, FACW, or FAC: (A/B)
6				Prevalence Index worksheet:
7.		أنستسر		Total % Cover of: Multiply by:
17	87	= Total Co	over	OBL species x 1 =
Sapling/Shrub Stratum (Plot size:	/	1		FACW species x 2 =
1. HIDIES ISAISAMEA	2		hAC.	FAC species $\frac{70}{20} \times 3 = \frac{210}{20}$
2. CORTUS CORNUTA	2	4	FAW	FACU species x 4 = 160
3. HCERRUMON	5	4	RAC	UPL species $x5 = \frac{25}{25}$
4		1		Column Totals: (A) 395 (B)
5				Prevalence Index = B/A = 3, 43.
6				Hydrophytic Vegetation Indicators:
7.				Rapid Test for Hydrophytic Vegetation
3 -10	15,	Total Co	over	Dominance Test is >50%
Herb Stratum (Plot size:	_	10		Prevalence Index is ≤3.0¹
1. On MANTHEMUM CONADERS	1	4	TAC	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
2. DRYODTERIS CORTHUSIAN	AT	4	FAL	Problematic Hydrophytic Vegetation¹ (Explain)
3. IRUbUS FIAGELLAUS	+	4	(n)	Prince CV - Paris CV
4.		1 1 61	alsop A	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5.				
6.			990 m. m.	Definitions of Vegetation Strata:
7. to fine of the selection of the selection			William E.	Tree – Woody plants 3 in. (7.6 cm) or more in diameter
8.				at breast height (DBH), regardless of height.
				Sapling/shrub – Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.
10.			. ——	
11				Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
12			7.5	Woody vines – All woody vines greater than 3.28 ft in
7	1	Total Co	ver	height.
Woody Vine Stratum (Plot size:	1	Total 00	VCI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1. N/A			- Tales	of the second of
2.				5 (Mg) 3 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4
3		*		we want
4				Hydrophytic Vegetation
		T		Present? Yes No No
Remarks: (Include photo numbers here or on a separate sh		Total Cov	ver	
a sopulate on	- 3,			
Uplan Droland				
Oliver Stel Conil on	//X			7



7/22/10

SOIL									Sampling Poir	t 55-
Profile Descrip	ption: (Describe to	the depth	needed to docum	nent the i	ndicator	or confin	m the absence	of indicat	ors.)	
Depth _	Matrix		Redo	x Features				- 1	,	
(inches)	Color (moist)	% <	Color (moist)	%	Type	_Loc ²	Texture		Remarks	<u> </u>
0-5	10ye211						loon	Ola	Anics	
510	10,0514 "	95 =	7.542518		0	PL	Clan	1.0	4	
0	10011						01191	100	/00	
			*							

	-									
			-	1						
							A			
¹ Type: C=Conce	entration, D=Depletion	on, RM=Re	educed Matrix, CS=	-Covered	or Coate	d Sand Gr	ains. ² Loca	ation: PL=F	ore Lining, N	/I=Matrix
Hyaric Soil Indi	cators:						Indicators f	or Problem	natic Hydric	Soils ³ :
Histosol (A1 Histic Epipe	,	_	Polyvalue Below	Surface (S8) (LRF	R,	2 cm Mi	uck (A10) (I	LRR K, L, M	LRA 149B)
Black Histic			MLRA 149B) Thin Dark Surfac	e (S9) (LE	DD MI	PA 140P)	Coast P	rairie Redo	x (A16) (LRF	R K, L, R)
Hydrogen Si	ulfide (A4)		Loamy Mucky Mi	neral (F1)	(LRR K.	L)		rface (S7)	or Peat (S3) ((LRR K, L)	LRR K, L, R)
Stratified La			Loamy Gleyed M	atrix (F2)	,	-/	Polyvalu	e Below Si	urface (S8) (I	LRR K. L)
	low Dark Surface (A Surface (A12)	.11)	Depleted Matrix (Thin Da	rk Surface	(S9) (LRR K,	L)
	y Mineral (S1)	-	Redox Dark Surfa Depleted Dark Su		V		Iron-Mai	nganese M	asses (F12)	(LRR K, L, R)
	ed Matrix (S4)	_	Redox Depressio		,		Pleamor	nodic (TA6)	In Soils (F19)	(MLRA 149B) A, 145, 149B)
Sandy Redo				•			Red Par	ent Materia	l (TF2)	A, 145, 149B)
Stripped Mat	inx (S6) e (S7) (LRR R, MLR	A 140B\					Very Sha	allow Dark	Surface (TF1	2)
Burk Guridee	(O) (ERICK, MER	A 143D)					Other (E	xplain in Re	emarks)	
³ Indicators of hyd	rophytic vegetation	and wetlan	d hydrology must b	e present	t, unless	disturbed of	or problematic			
Restrictive Laye	r (if observed):									
Type:	2 LL		•							\/
Depth (inches)):1		-				Hydric Soil P	resent?	Yes	No_X
Remarks:										7
							1			
								1		
										1.390.0
										``
										1

WTG4AR-551



WEILAND DEIERM	IINATION DATA FORM - N	orthcentral and Northeast Region
Project/Site: MRWF	City/County:	linton Sampling Date: 7728
Applicant/Owner: MR, CCC		State: N Sampling Point: S
Investigator(s): DELAHUATI		hip, Range:
Landform (hillslope, terrace, etc.):	Towns	
		al relief (concave, convex, none):
Soil Map Unit Name:	Long:	
	15 11 11 11 11 11 11	NWI classification:
Are climatic / hydrologic conditions on the site typica		
Are Vegetation, Soil, or Hydrology _		Are "Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology _		(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site	map showing sampling p	oint locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	/	ampled Area
Hydric Soil Present? Yes		Wetland? Yes No
Wetland Hydrology Present? Yes	The second secon	etional Wetland Site ID:
Remarks: (Explain alternative procedures here or		dional wedand Site ID:
NIWI MOTES WOT		
PSSIPEN /1-0		8
100		
HYDROLOGY		
Wetland Hydrology Indicators:	and the property of the second	
I STATE OF THE STA		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; ch. Surface Water (A1)		Surface Soil Cracks (B6)
→ High Water Table (A2)	Water-Stained Leaves (B9)	Drainage Patterns (B10)
Saturation (A3)	Aquatic Fauna (B13)	Moss Trim Lines (B16)
Water Marks (B1)	_ Marl Deposits (B15)	Dry-Season Water Table (C2)
Sediment Deposits (B2)	Hydrogen Sulfide Odor (C1)	Crayfish Burrows (C8)
	_ Oxidized Rhizospheres on Living	3-7()
Drift Deposits (B3)	Presence of Reduced Iron (C4)	Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4)	Recent Iron Reduction in Tilled S	Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5)	_ Thin Muck Surface (C7)	Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7)	Other (Explain in Remarks)	Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)		FAC-Neutral Test (D5)
Field Observations:	(+1/	
Surface Water Present? Yes X No	Depth (inches):	the second secon
Water Table Present? Yes No	Depth (inches):	(J.)
Saturation Present? Yes No No	7	Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, monitoring	well, aerial photos, previous inspe	ctions), if available:
Remarks:		
7		and the contract of the contra
1455W	cable uston	Slow Wet wet
1455W	udble waren	Slow alx at
Trus 94-55W	cable warra	Glow all wet
FRISH DEALER OF	reas I Dr	Slow Who wit
FRESH DEALER CH eleupson LATTE	reus/ noun	Slow alrat

VEGETATION	- Use scientific names	of plants	
VEGETATION -	- Ose scientific names	oi piants.	

0 16				Sampling Point:
Tree Stratum (Plot size:	Absolute % Cover	Dominant Species?	Indicator	Dominance Test worksheet:
Cimos Americana	10		FACO	Number of Dominant Species
RETUR PODULIALIA	7	4.	FAL	That Are OBL, FACVY, OF FAC. (A)
3.	a regular			Total Number of Dominant Species Across All Strata: (B)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				Percent of Dominant Species
T & Gr. 1991 (18) (1971)				That Are OBL, FACW, or FAC:
	7 7 7	z na auję ł		Prevalence Index worksheet:
्रात क्रिक्स । ११ १ एक्स्स्स्य प्राप्त कर अस्त १ ५ कल्	15	,		Total % Cover of: Multiply by:
XI P	STEEL STEEL	= Total Cov	er Maan 2 t	OBL species x 1 =
(Plot size: N)	10	(/-	TA	FACW species x 2 =
Spinaga LATIPOLIA	100	<u> </u>	MC	FACIL provides x 3 =
SACIX SERICEA		4	0236	FACU species x 4 = UPL species x 5 =
FINOS PUGOSA	10	TF	AUD	UPL species x 5 = Column Totals: (A) (B
				Prevalence Index = B/A =
		-		Hydrophytic Vegetation Indicators:
			7	Rapid Test for Hydrophytic Vegetation
10	<10	= Total Cove		Dominance Test is >50%
erb Stratum (Plot size: 5/R)	<u> </u>	- Total Cove		Prevalence Index is ≤3.0 ¹
Onocies Sensibilis	20	4.1	BAUD	Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
ASTER UMBRICATUS	10	NIF	Acw	Problematic Hydrophytic Vegetation¹ (Explain)
CAREX CRIDITA	70	4	2001	(Explain)
IMPATITAL CAPTONIN	10	NII	Arts)	Indicators of hydric soil and wetland hydrology must
LYCOPUS UNIFLURUS	-	NI	7776	be present, unless disturbed or problematic.
GILICERIA SO	2	N	201	Definitions of Vegetation Strata:
PUA DAWSTRIS	10	NI	PALO	Tree – Woody plants 3 in. (7.6 cm) or more in diamete
75 dh wateren caronnes (CO)	a teppopera in	1 1010	municipal in the	at breast height (DBH), regardless of height.
1 (But) fixed as accepted		(NG) (4/20)	ii. 100 020 71	Sapling/shrub – Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.
(ค.ศ) กลาวรับสมุขาสเดยของกับ คุณภาษิสติสเลยของกับอิ		1960 07 100 0		Herb – All herbaceous (non-woody) plants, regardless
Appropriate Approp	7		- 1-1	of size, and woody plants less than 3.28 ft tall.
		7	utos ji de	Woody vines - All woody vines greater than 3.28 ft in
16	80=	Total Cover	Constitution	height.
oody Vine Stratum (Plot size:)	0		The section of	Charles Project Co.
DIA SUBMERTO		days a series	idg si iga	ericidae file o chad Debugolicam naciga econo esp. com
				with the same of t
				Hydrophytic Vegetation
		Total Cover		Present? Yes No

WTG-402 R-551

WETAN

SOIL	der V	the Late		Sampling Point:
	escription: (Describe to the dep	th needed to document the indicator or co	onfirm the absence of indica	ators.)
Depth	Matrix	Redox Features		
(inches)	Color (moist) %	Color (moist) % Type Lo	oc² Texture	Remarks
1)- (1092911		ORGONICO	
- 8	10405/1 93%	7.54831475	KILL OI	A
0	1000		3/140/01	
				0
				,
	**			
1.7				
-				
	-			•
	-			
			0	100
-				, ,
		<u> </u>		
¹Type: C=0	Concentration, D=Depletion, RM=F	Reduced Matrix, CS=Covered or Coated Sar	nd Grains. ² Location: PL	=Pore Lining, M=Matrix.
Hydric Soil	Indicators:			ematic Hydric Soils ³ :
Histoso	-	Polyvalue Below Surface (S8) (LRR R,		(LRR K, L, MLRA 149B)
14	pipedon (A2)	MLRA 149B)	Coast Prairie Red	dox (A16) (LRR K, L, R)
Secretary Commence of the Comm	listic (A3)	Thin Dark Surface (S9) (LRR R, MLRA 1	49B) 5 cm Mucky Peaf	or Peat (S3) (LRR K, L, R)
	en Sulfide (A4)	Loamy Mucky Mineral (F1) (LRR K, L)	Dark Surface (S7) (LRR K, L)
	d Layers (A5)	Loamy Gleyed Matrix (F2)	Polyvalue Below	Surface (S8) (LRR K, L)
Deplete	ed Below Dark Surface (A11)	Depleted Matrix (F3)	Thin Dark Surface	(S9) (LRR K, L)
	ark Surface (A12)	Redox Dark Surface (F6)	Iron-Manganese	Masses (F12) (LRR K, L, R)
	Mucky Mineral (S1) Gleyed Matrix (S4)	Depleted Dark Surface (F7)	Piedmont Floodpl	ain Soils (F19) (MLRA 149B)
Sandy 6	Redox (S5)	Redox Depressions (F8)	Mesic Spodic (TA	6) (MLRA 144A, 145, 149B)
	Matrix (S6)		Red Parent Mater	
	urface (S7) (LRR R, MLRA 149B)		Very Shallow Dark	
7=	() (<i>.</i>	Other (Explain in	Remarks)
3Indicators o	f hydrophytic vegetation and wetla	and hydrology must be present, unless distu	thed or problematic	
Restrictive	Layer (if observed):	, and so process, unices distal	bed of problematic.	
Type:	SEBROCK			
Depth (in	ches):	*		
Remarks:	cries).		Hydric Soil Present?	Yes No
Remarks:				
DWS	11.xxx cath	over bed rode		
	001	over bed Rock		
CXO	and harm	L'in places		
-110	JES SES COL	Cia Olace		
		pinaces.		

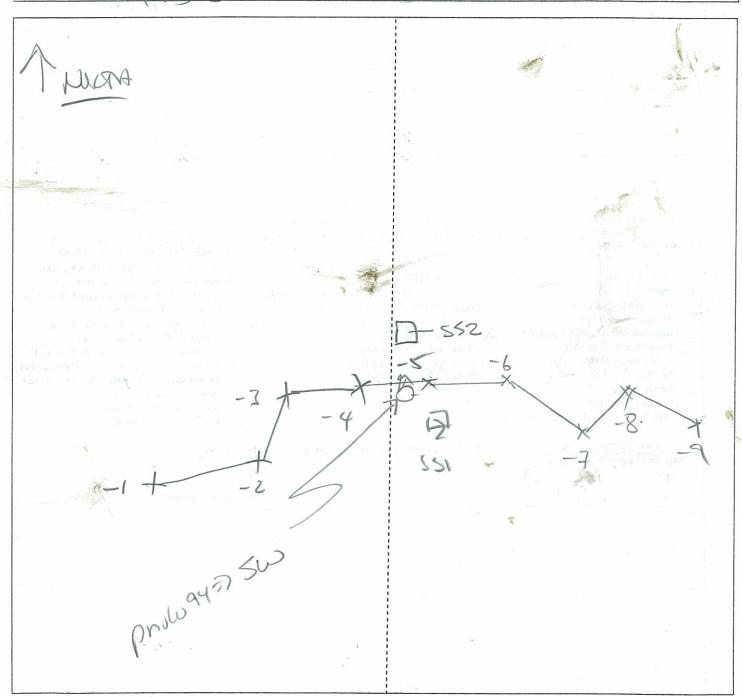
WT64AL-551

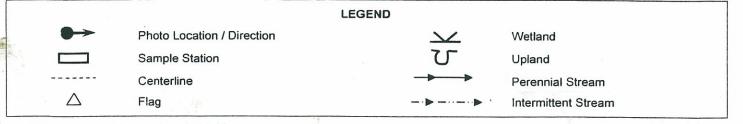
WERRAND

7/23/10

SKETCH FORM

WETLAND ID/ROUTE ID:	PROJECT:			
INITIALS OF DELINEATORS:	DATE:	11,1	TIME:	
PHOTO ID: QU - SW	LOCATION:	1 / 1		





WTG-4AR-SSZ

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7/23/10

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

.00 0 -	
Project/Site: MRWF	City/County: Clinton Sampling Date: 3/23/1
Applicant/Owner: MR, CCC	State: NT Sampling Point: 55
Investigator(s): DELAHUMI	Scatter Township Bases State: 1 Sampling Point: 5
Landform (hillstone torrace etc.) Stylet (100 to)	Section, Township, Range:
Landform (hillslope, terrace, etc.): Slywt Slupe to S	Local relief (concave, convex, none):
Slope (%): <u>\$96</u> Lat:	Long: Datum:
Soil Map Unit Name:	NWI classification:
Are climatic / hydrologic conditions on the site typical for this time	of year? Yes No (If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology signification	
Are Vegetation , Soil , or Hydrology naturall	ly problematic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map show	ving sampling point locations, transects, important features, etc
Hydrophytic Vegetation Present? Yes No	Is the Sampled Area
Hydric Soil Present? Yes No	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 r	report.)
Prevalence Index 6	Hydro VEI - NEGATIVE
	1 rights VEJ- NEGATIVE
HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that app	
	ned Leaves (B9) Drainage Patterns (B10)
High Water Table (A2) Aquatic Fau Saturation (A3) Marl Depos	The state of the s
	= 1,
	Sulfide Odor (C1) Crayfish Burrows (C8) hizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
	f Reduced Iron (C4) Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4) Recent Iron	Reduction in Tilled Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck S	
Inundation Visible on Aerial Imagery (B7) Other (Expl	ain in Remarks) Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8) Field Observations:	FAC-Neutral Test (D5)
0.10-111-12	Λ/Α
W. T. I. D. 10	2/2
Vater Table Present? Yes No Depth (inches Saturation Present? Yes No Depth (inches Saturation Present?	
(includes capillary fringe)	Work and the second sec
Describe Recorded Data (stream gauge, monitoring well, aerial ph	notos, previous inspections), if available:
Remarks:	
Hoto Comments	
1000	
8	
-	
	' I

VEGETATION – Use scientific names of plants.			Sampling Point: 55-2
Tree Stratum (Plot size: 70' R) 1. ACER RUSSIAN 2. PRUM SEROTINA 3. RETURN POPULIFOLIA 4. 5.	10 15		
Sapling/Shrub Stratum (Plot size:	10	= Total Cover	Prevalence Index worksheet:
Herb Stratum (Plot size:	15		Hydrophytic Vegetation Indicators: Rapid Test for Hydrophytic Vegetation Dominance Test is >50% Prevalence Index is ≤3.0¹ Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5	7.0	and the second	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
Woody Vine Stratum (Plot size:) 1		= Total Cover	Hydrophytic Vegetation Present? Yes No
remains. (module prioto numbers fiere or on a separate sf	ieet.)		



. Tollie Des	crintian: /Dans-th- 4- 11	a double accorded to	Sampling Point:
Danth		ne depth needed to document the indicator or	confirm the absence of indicators.)
Depth (inches)	Color (moist)	Redox Features Color (moist) % Type ¹	. 2
- (% Color (moist) % Type ¹	Loc ² Texture Remarks
6	101621		SILTIORN
Type: C=Co	ncentration, D=Depletion,	RM=Reduced Matrix, CS=Covered or Coated Sa	and Grains. 2Location: PL=Pore Lining, M=Matrix. Indicators for Problematic Hydric Soils3:
Black His Hydroger Stratified Depleted Thick Dar Sandy Mr Sandy Gl Sandy Re Stripped I	pedon (A2) tic (A3) n Sulfide (A4) Layers (A5) Below Dark Surface (A11 k Surface (A12) ucky Mineral (S1) eyed Matrix (S4)	Redox Dark Surface (F6) Depleted Dark Surface (F7) Redox Depressions (F8)	2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K L R)
		d wetland hydrology must be present, unless disti	Jurhed or problematic
ndicators of I	nydrophytic vegetation and		
ndicators of lestrictive La Type: Depth (inch	yer (if observed):		Hudrie Seil Brossette V
Type:	yer (if observed):		\
Type:	yer (if observed):		Hudrie Seil Berende V
Type:	yer (if observed):		Hudrie Seil Berende V
Type:	yer (if observed):		Hudrie Seil Berende V
Type:	yer (if observed):		Hudrie Seil Bassade V
Type:	yer (if observed):		Hudrie Seil Berende V

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WETLAND DETERMINATION DATA FORM NEW

WET

WEILAND DETERMINATION DATA FORM – Northcentral and Northeast Region
Project/Site: MRWF City/County: Clinton Sampling Date: 7/28/1
Applicant/Owner: State: NY Sampling Point: 55*
Investigator(s): DECAIT UTIL Section, Township, Range:
Landform (hillslope, terrace, etc.): Local relief (concave, convex, none):
Slope (%): Lat: Long: Datum:
Soil Map Unit Name:NWI classification: PSS) PEW
Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology significantly disturbed?
Are Vegetation, Soil, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc
Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? Remarks: (Explain alternative procedures here or in a separate report.) Wetland Hydrology Present? Remarks: (Explain alternative procedures here or in a separate report.)
HYDROLOGY
Wetland Hydrology Indicators: Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply) Surface Water (A1) High Water Table (A2) Aquatic Fauna (B13) Marl Deposits (B15) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Surface Soil Cracks (B6) Water-Stained Leaves (B9) Marl Deposits (B9) 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) Thin Muck Surface (C7) 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): Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
Remarks:
Proto 993 MUSTH (00) NIME
TOIS NOW

IC7025A-SSI



EGETATION – Use scientific names of plants.		D- : :	la d'	Sampling Point:
ree Stratum (Plot size:	Absolute % Cover	Dominant Species?		Dominance Test worksheet:
WIMUS AMERICANA	5	4	FACLE	Number of Dominant Species That Are OBL, FACW, or FAC: (A
ACER RUDTUM	10	4	FAC	
	1. 365			Total Number of Dominant Species Across All Strata: (B
				Percent of Dominant Species That Are OBL, FACW, or FAC:
				(A
THE CASE STREET, CASE OF THE STREET		-		Prevalence Index worksheet:
1	1	· 		Total % Cover of: Multiply by:
1510	77	= Total Cov	er	OBL species x 1 =
apling/Shrub Stratum (Plot size: 15/R)	10	4	~	FACW species x 2 =
ATMUS RUGOSA	30	127	Acro	FAC species x 3 =
FRAXINUS PEMBULUENICA		N	FACU	FACU species x 4 =
The state of the s				UPL species x 5 =
			The second secon	Column Totals: (A) (I
				Prevalence Index = B/A =
				Hydrophytic Vegetation Indicators:
				Rapid Test for Hydrophytic Vegetation
7	35	= Total Cov		Dominance Test is >50%
erb Stratum (Plot size: 5 R		- Total Cov		Prevalence Index is ≤3.0 ¹
Londaniers Capensis	25	4	FACLE	Morphological Adaptations ¹ (Provide supporting
CODEY CRIMITA	22			data in Remarks or on a separate sheet)
Jurcus Elylusis	20	6/	SIBC	Problematic Hydrophytic Vegetation ¹ (Explain)
	-	14	HACLP	¹ Indicators of hydric soil and wetland hydrology must
120A PAIOSTES		N	ALW	be present, unless disturbed or problematic.
Separation of the second		- 	MOVEMENT OF THE PARTY OF THE PA	Definitions of Vegetation Strata:
The state of the 				
3. (5-1) (1.14) metal 316 p. L. (10)			1.3	Tree – Woody plants 3 in. (7.6 cm) or more in diamet at breast height (DBH), regardless of height.
SAN TON PART OF LOCAL AND AND	The Page T	A Company		Sapling/shrub – Woody plants less than 3 in. DBH
(ESS tone), A STAN		10 10 00	March Miller	and greater than 3.28 ft (1 m) tall.
The state of the s		. 444	0.000	Herb - All herbaceous (non-woody) plants, regardles
V. 1				of size, and woody plants less than 3.28 ft tall.
		- 1	artigly, figure	Woody vines - All woody vines greater than 3.28 ft i
16	80	Total Cove	attentie of	height.
oody Vine Stratum (Plot size:)	7	Total Cove	enstrij gans	G an pHesr
OIA				
				Hydrophytic
				Vegetation Present? Yes No
		Total Cove		7
marks: (Include photo numbers here or on a separate sh	eet.)			
*				

SOIL		Sampling Point:
	lepth needed to document the indicator or confi	rm the absence of indicators.)
Depth Matrix (inches) Color (moist) %	Redox Features Color (moist) % Type ¹ Loc ²	_6_g = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 =
0-10 104 6312	Color (moist) % Type ¹ Loc ²	
10 109 (3) 2		Silt who agains
0-10 25451 95	2.54 6/1 5-10	SAMOU CLAN LOAN
15-70 2,54 412 -		500/
1		214.1
-A	The second secon	
	7	
¹ Type: C=Concentration D=Depletion PI		. 2.
Hydric Soil Indicators:	w-Reduced Matrix, CS=Covered or Coated Sand G	rains. ² Location: PL=Pore Lining, M=Matrix. Indicators for Problematic Hydric Soils ³ :
Histosol (A1)	Polyvalue Below Surface (S8) (LRR R,	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Histic Epipedon (A2)	MLRA 149B)	Coast Prairie Redox (A16) (I RR K I R)
Black Histic (A3)	Thin Dark Surface (S9) (LRR R, MLRA 149B	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
Hydrogen Sulfide (A4) Stratified Layers (A5)	Loamy Mucky Mineral (F1) (LRR K, L)	Dark Surface (S7) (LRR K, L)
Depleted Below Dark Surface (A11)	Loamy Gleyed Matrix (F2) Depleted Matrix (F3)	Polyvalue Below Surface (S8) (LRR K, L)
Thick Dark Surface (A12)	Redox Dark Surface (F6)	Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy Mucky Mineral (S1)	Depleted Dark Surface (F7)	Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy Gleyed Matrix (S4) Sandy Redox (S5)	Redox Depressions (F8)	Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Stripped Matrix (S6)		Red Parent Material (TF2)
Dark Surface (S7) (LRR R, MLRA 149	B)	Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
Indicators of hydrophytic vegetation and w Restrictive Layer (if observed):	etland hydrology must be present, unless disturbed	or problematic.
Type: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
Depth (inches):	ments .	Hydric Soil Present? Yes No
Remarks.	* *	
MORE. C-Lin-	granual tra	25/20 /20 / 1
C C(1 1)	CI ON SOME	usite for cet to
Up 14-55.		10
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	* **	
e n - Me ; e	36 7	

SKETCH FORM

WETLAND ID/ROUTE ID:		PROJECT:			
- Ti	INITIALS OF DELINEATORS:	DATE:			
1	PHOTO ID: 97 - NUMBER	LOCATION:			

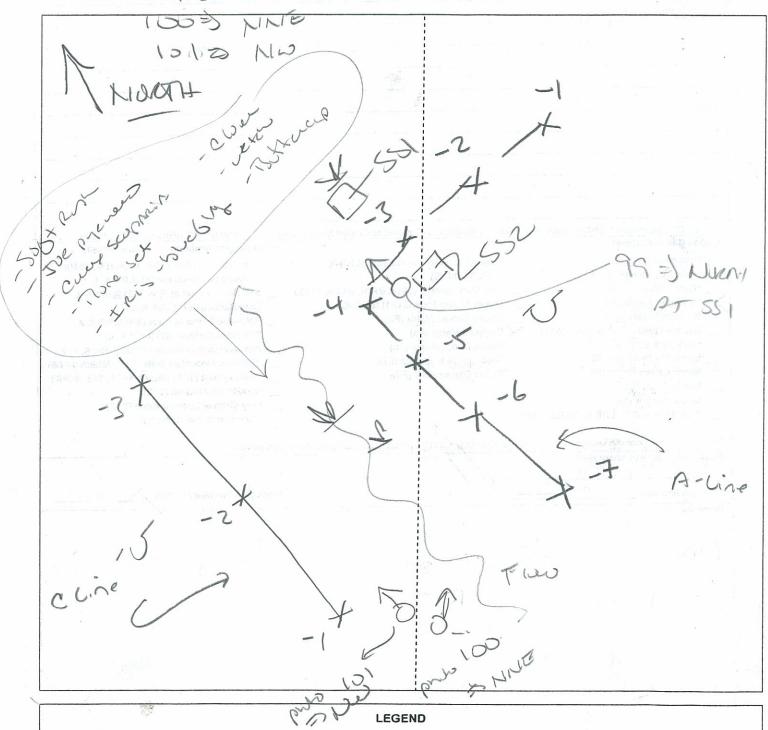


Photo Location / Direction

Sample Station

Centerline

→ Perennial Stream

Intermittent Stream

TC7075A SSZ

CWEREN IC7025A131C)

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

MOIST	Of the second se
Project/Site: 1111800 F	City/County: Clinton Sampling Date: 7/23
Applicant/Owner:	State: NY Sampling Point: 55
Investigator(s): DELAHUTTI	Section, Township, Range:
	Local relief (concave, convex, none):
Slope (%): Lat:	
Soil Map Unit Name:	$\sim 1 \wedge$
	me of year? Yes No (If no, explain in Remarks.)
Are Vegetation	
Are Vegetation, Soil, or Hydrology natu	
SUMMARY OF FINDINGS - Attach site map sh	owing sampling point locations, transects, important features, etc
Hydrophytic Vegetation Present? Yes No Hydric Soil Present? Yes No Wetland Hydrology Present? Yes No Remarks: (Explain alternative procedures here or in a separate	Is the Sampled Area within a Wetland? If yes, optional Wetland Site ID: If yes, optional Wetland Site ID:
ACTIVE CON PASTU	NZ
HYDROLOGY	Period (1986) - 128 - 12
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that	
	stained Leaves (B9) Drainage Patterns (B10)
	Fauna (B13) Moss Trim Lines (B16)
	posits (B15) Dry-Season Water Table (C2) en Sulfide Odor (C1) Crayfish Burrows (C8)
The same of the sa	
	d Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) e of Reduced Iron (C4) Stunted or Stressed Plants (D1)
	ron Reduction in Tilled Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5)	ck Surface (C7) Shallow Aquitard (D3)
	xplain in Remarks) Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	was given accommon to the contract of the cont
[1948][[마른경][[마다마리] [[1445][H.H.H.H.H.H.H.H.H.H.H.H.H.H.H.H.H.H.H.	inches):
	inches):
(includes capillary fringe)	inches): Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, monitoring well, aeria	ll photos, previous inspections), if available:
Remarks:	
Residence	
11.000	William A

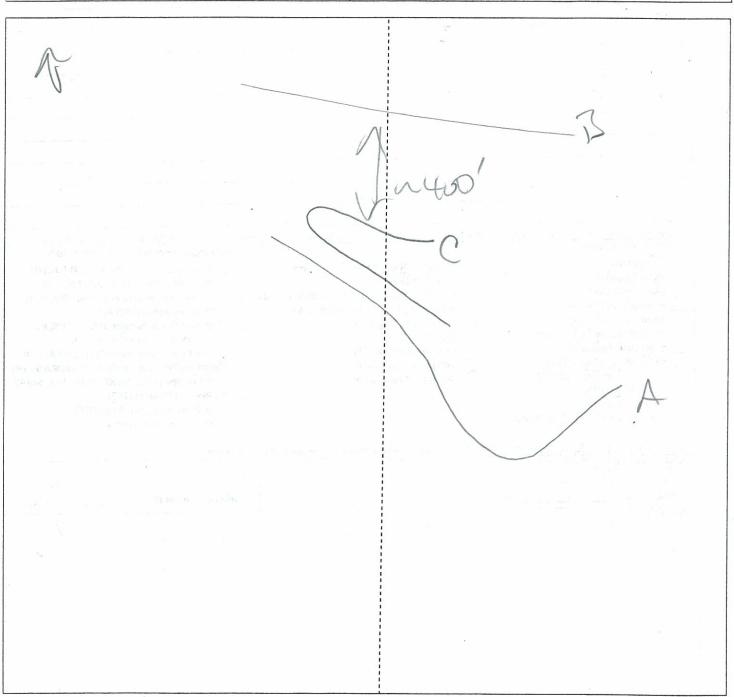


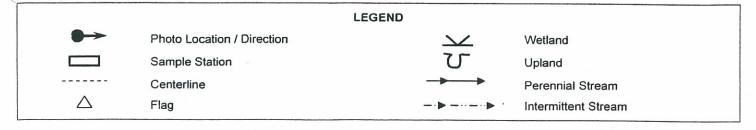
VEGETATION - Use scientific names of plants			Sampling Point: 55 - 2
Tree Stratum (Plot size: 30 / R)	Absolute	Dominant Indicato	Paris Table
1. PURIOS MAIUS	25	Species? Status	Number of Dominant Species
3			Total Number of Dominant Species Across All Strata: (B)
4			Percent of Dominant Species
5			That Are OBL, FACW, or FAC: (A/B)
6.		-	Prevalence Index worksheet:
7.	11		Total % Cover of: Multiply by:
Sapling/Shrub Stratum (Plot size:)	11 1 61	= Total Cover	OBL species x 1 = FACW species x 2 =
1. A			FAC species x 3 =
2		7	FACU species x 4 =
			UPL speciesx 5 =
3			Column Totals: (A) (B)
5			Prevalence Index = B/A =
6			Hydrophytic Vegetation Indicators:
7			Rapid Test for Hydrophytic Vegetation
		= Total Cover	Dominance Test is >50%
Herb Stratum (Plot size: 5 /)		- Total Cover	Prevalence Index is ≤3.0¹
PAROPOLUS ACRIS	10	N FA	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
2. FRAGALIA VIRGINIANA	10	N FACU	Problematic Hydrophytic Vegetation ¹ (Explain)
3. PIAMAGO LONGLEGUATA	17	M UPL	¹ Indicators of hydric soil and wetland hydrology must
4 ITUFOTURE PRATERSE	-(3	TEACO	be present, unless disturbed or problematic.
5. Junes Tehuis		- M FAC	Definitions of Vegetation Strata:
6. SONDAGO CAMADRASIS 7. SPIRABA LATIFOLIA	10	M HACC	Tree – Woody plants 3 in. (7.6 cm) or more in diameter
	10	N LAZ	at breast height (DBH), regardless of height.
8. LEONTODON Automnalis 9. Phieum Pratense	- 2	IN TAYO	Sapling/shrub – Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.
10. SOLIDACIO RUSOSA	(0	H TAS	Herb – All herbaceous (non-woody) plants, regardless
11.			of size, and woody plants less than 3.28 ft tall.
12			Woody vines – All woody vines greater than 3.28 ft in
W (X	100=	Total Cover	height.
Woody Vine Stratum (Plot size:)			West of the second
1.	in the second	doward = reserved	and the state of t
2			
3.			Hydrophytic
4			Vegetation Present? Yes No
		Total Cover	133
Remarks: (Include photo numbers here or on a separate sh	reet.)		
1-1			
JOLX - not listel.			
		•	

SOIL		Sampling Point:
		ator or confirm the absence of indicators.)
Depth Matrix (inches) Color (moist) %	Redox Features Color (moist) % Ty	De ¹ Loc ² Texture Remarks
1-6 104R 212 G5	1001 4/6 5	De Loc Texture Remarks
-17 10 11/2		21-11-11-11-10-10-10-10-10-10-10-10-10-10
332 10 912 412	toucs!	- SODY 10AM
1-00 104x41-2		SORY LORN
- Y . Y Y		
	-	
×		
¹ Type: C=Concentration, D=Depletion, RI	M=Reduced Matrix, CS=Covered or Co	pated Sand Grains 2 ocation: PL = Doze Lining AA AA A
Hydric Soil Indicators:	**	ated Sand Grains. ² Location: PL=Pore Lining, M=Matrix. Indicators for Problematic Hydric Soils ³ :
Histosol (A1) Histic Epipedon (A2)	Polyvalue Below Surface (S8) (_RR R, 2 cm Muck (A10) (LRR K, L, MLRA 149B)
Black Histic (A3)	MLRA 149B) Thin Dark Surface (S9) (LRR R	Coast Prairie Redox (A16) (LRR K, L, R)
Hydrogen Sulfide (A4)	Loamy Mucky Mineral (F1) (LRI	MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L)
Stratified Layers (A5)	Loamy Gleyed Matrix (F2)	Polyvalue Below Surface (S8) (LRR K, L)
Depleted Below Dark Surface (A11) Thick Dark Surface (A12)	Depleted Matrix (F3) Redox Dark Surface (F6)	Thin Dark Surface (S9) (LRR K, L)
Sandy Mucky Mineral (S1)	Depleted Dark Surface (F7)	Iron-Manganese Masses (F12) (LRR K, L, R)Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy Gleyed Matrix (S4) Sandy Redox (S5)	Redox Depressions (F8)	Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Stripped Matrix (S6)		Red Parent Material (TF2) Very Shallow Dark Surface (TF12)
Dark Surface (S7) (LRR R, MLRA 149	B)	Other (Explain in Remarks)
Indicators of hydrophytic vegetation and w	etland hydrology must be assessed and	
Restrictive Layer (if observed):	etiand riydrology must be present, unio	ess disturbed or problematic.
Type:		
Depth (inches):		Hydric Soil Present? Yes No
Remarks:		
		ι
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		The state of the s

SKETCH FORM

WETLAND ID/ROUTE ID:	PROJECT:	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
INITIALS OF DELINEATORS:	DATE:	TIME:
PHOTO ID:	LOCATION:	





IC7076-SSI

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WEILERWIN BEILERWINATION DATA FORM - Northcentral and Northeast Region
Project/Site: MRWF City/County: Clinton Sampling Date: 7123/16
Applicant/Owner: MR, CC State: NY Sampling Point: 55
Investigator(s): DECAIT UTI Section, Township, Range:
Landform (hillslope, terrace, etc.): State such Lucra Local relief (concave, convex, none):
Slope (%): Lat: Long: Datum:
Soil Map Unit Name: NWI classification: DE \
Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology significantly disturbed?
Are Vegetation, Soil, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? Wetland Hydrology Present? Yes No If yes, optional Wetland Site ID: Remarks: (Explain alternative procedures here or in a separate report.)
DEC maped het Let (up mix of plant)
HYDROLOGY
Wetland Hydrology Indicators: Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply) Surface Water (A1) High Water Table (A2) Marl Deposits (B15) 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) Water Stained Leaves (B9) Marl Deposits (B13) Marl Deposits (B15) Marl Deposits (B15) Marl Deposits (B15) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Thin Muck Surface (C7) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Surface Water Present? Yes X No Depth (inches): 4 1
Water Table Present? Yes X No Depth (inches): Z 1
Saturation Present? Yes No Depth (inches): 5 / Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
Remarks:
Photo 102 Hyllo Glow South to north Strom Aine Unneller iord
103 NG Blin

IC7076-551 (A,B,C)

7/23/10

WOURDS

VEGETATION – Use scientific names of plants			Sampling Point: 55
Tree Stratum (Plot size:) 1		Species? Status	Dominance Test worksheet: Number of Dominant Species
2.			That Are OBL, FACW, or FAC: (A)
3.			Total Number of Dominant Species Across All Strata: (B)
5.			Percent of Dominant Species That Are OBL, FACW, or FAC:
6.			Prevalence Index worksheet:
7.			Total % Cover of: Multiply by:
		= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size:)			FACW species x 2 =
1. (' () () ()			FAC species x 3 =
2.	161 Y	<u> </u>	FACU species x 4 =
3.		La constitution	UPL species x 5 =
	200		Column Totals: (A) (B)
5.			Prevalence Index = B/A =
6			Hydrophytic Vegetation Indicators:
7			Rapid Test for Hydrophytic Vegetation
14	70	= Total Cover	Dominance Test is >50%
Herb Stratum (Plot size: 5 (2)			Prevalence Index is ≤3.0¹
1. Juneus CAMADENSIS	10	N ObC	Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
000= 0000	10	NI FACLE	Problematic Hydrophytic Vegetation¹ (Explain)
3. JUNOUS EXUSUS.	40	T RACED	- Capitalin
4. Polygonum hydropiperside	20	N () ()	Indicators of hydric soil and wetland hydrology must
5. CALEX UUIDINGRA	<u> </u>	11 015	be present, unless disturbed or problematic.
	10 Table 10	NODI	Definitions of Vegetation Strata:
6. 7. CORCAL SALAR		<u>a septa ya 199</u> 0 Malaysa Basara	Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
8. He has sent and servicing the	इहार्यहर जि	ner day Tremate	
9. Martin and approximation of the second of			Sapling/shrub – Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.
10.			Herb - All herbaceous (non-woody) plants, regardless
11.			of size, and woody plants less than 3.28 ft tall.
12			Woody vines - All woody vines greater than 3.28 ft in
	= OF	Total Cover	height.
Woody Vine Stratum (Plot size:)		Law many	
1. N A		and the proof of the	
2			
3	-		
4.			Hydrophytic Vegetation
	-	Total Cours	Present? Yes No
Remarks: (Include photo numbers here or on a separate sh		Total Cover	
Scorreach Bise Glor		I WED	sa som of Shure Rose
		,	
CAREX OUIPINILEA, BU	TERCO	b) white	E CLOUBE, Plantain,
GREEN BUIRISM, SUIT R	ish,	CARTX SC	OPARIA - Thrughat
			WET MEANING

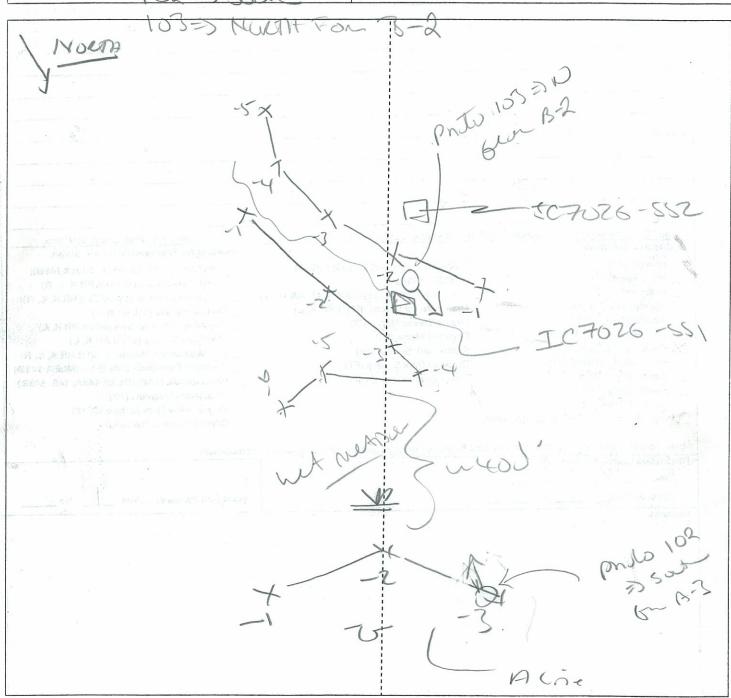
IC7076- 551 (BIDIC)

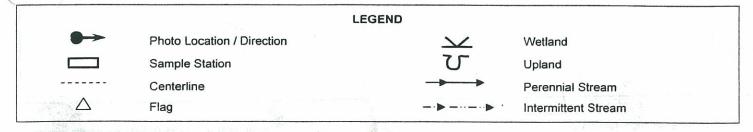
wetness

SOIL		Sampling Point:
	epth needed to document the indicator or confir	m the absence of indicators.)
Depth Matrix (inches) Color (moist) %	Redox Features Color (moist) % Type¹ Loc²	- <u>- </u>
0-6 100 0311	Color (moist) % Type ¹ Loc ²	Texture Remarks
0 0 104 C 31 1		SITECORGANIS
7		
		1
		14
¹ Type: C=Concentration, D=Depletion, RM	=Reduced Matrix, CS=Covered or Coated Sand Gi	rains. ² Location: PL=Pore Lining, M=Matrix.
Hydric Soil indicators:	s1/1	Indicators for Problematic Hydric Soils ³ :
Histosol (A1)	Polyvalue Below Surface (S8) (LRR R,	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Histic Epipedon (A2) Black Histic (A3)	MLRA 149B)	Coast Prairie Redox (A16) (LRR K, L, R)
Hydrogen Sulfide (A4)	Thin Dark Surface (S9) (LRR R, MLRA 149B) Loamy Mucky Mineral (F1) (LRR K, L)	
Stratified Layers (A5)	Loamy Gleyed Matrix (F2)	Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L)
Depleted Below Dark Surface (A11)	Depleted Matrix (F3)	Thin Dark Surface (S9) (LRR K, L)
Thick Dark Surface (A12)	Redox Dark Surface (F6)	Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4)	Depleted Dark Surface (F7)	Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy Redox (S5)	Redox Depressions (F8)	Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Stripped Matrix (S6)		Red Parent Material (TF2)
Dark Surface (S7) (LRR R, MLRA 149E	3)	Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
3Indicators of budgette the	w a. a.	
Restrictive Layer (if observed):	tland hydrology must be present, unless disturbed	or problematic.
Type:		
Depth (inches):		\omega
Remarks:	. 32	Hydric Soil Present? Yes No No
renars.		
	w = 2 ¹	early in a reference of the Rest of the control of
		c allower to

SKETCH FORM

WETLAND ID/ROUTE ID:	PROJECT:		
INITIALS OF DELINEATORS:	DATE:	TIME:	
PHOTO ID: 102 => 50 \$	LOCATION:	,	





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Oplas

State: Sampling Date: State: Sampling Date: Sampling Date: Sampling Date: Sampling Date: Section, Township, Range: Local relief (concave, convex, none): Datum: Joint Map Unit Name: Long: Datum: Joint Map Unit Name: NW classification: Pre Vegetation Soil Map Unit Name: NW classification: Pre Vegetation Soil Map Unit Name: NW classification: Pre Vegetation Soil Map Unit Name: NW classification: NW classificatio	Applicant/Owner: Investigator(s): Landform (hillslope, terrace, etc.): Slope (%): Lat: Long: Datum: Soil Map Unit Name: Are climatic / hydrologic conditions on the site typical for this time of year? Yes Are Vegetation Are Veget
Sampling Point: Sampling Poi	Applicant/Owner:
Section, Township, Range: Section, Township, Range: Local relief (concave, convex, none): Datum: Datu	Investigator(s):
Andform (hillslope, terrace, etc.): Long: Datum: Datum: Datum: Datum: NWI classification: re climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) Are "Normal Circumstances" present? Yes No (If no, explain in Remarks.) Are "Vegetation No (If no, explain in Remarks.) Are "Normal Circumstances" present? Yes No (If needed, explain any answers in Remarks.) Are "Normal Circumstances" present? Yes No (If needed, explain any answers in Remarks.) Are "Normal Circumstances" present? Yes No (If needed, explain any answers in Remarks.) Are "Normal Circumstances" present? Yes No (If needed, explain any answers in Remarks.) Are "Normal Circumstances" present? Yes No (If needed, explain any answers in Remarks.) Is the Sampled Area within a Wetland? Yes No (If yes, optional Wetland Site ID: YDROLOGY Wetland Hydrology Indicators: Yes No (If no, explain in Remarks.) Are "Normal Circumstances" present? Yes No (If needed, explain any answers in Remarks.) Is the Sampled Area within a Wetland? Yes No (If yes, optional Wetland? Yes Yes (If yes, optional Wetland? Yes (If yes, opti	Landform (hillslope, terrace, etc.): Long: Long: Datum: NWI classification: Are climatic / hydrologic conditions on the site typical for this time of year? Yes Are Vegetation Are Vegetation Soil Are Vegetation Soil Are Vegetation Nor Hydrology naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important feature thydrophytic Vegetation Present? Hydrophytic Vegetation Present? Yes No Is the Sampled Area within a Wetland? Yes No Wetland Hydrology Present? Yes No If yes, optional Wetland Site ID:
Datum: D	Lat: Long: Datum: NWI classification: Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) Are Vegetation , Soil , or Hydrology significantly disturbed?
oil Map Unit Name:	Soil Map Unit Name: Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) Are Vegetation No, Soil No, or Hydrology Isignificantly disturbed? Are Vegetation No, Soil No, or Hydrology Inaturally problematic? SUMMARY OF FINDINGS — Attach site map showing sampling point locations, transects, important feature Hydrophytic Vegetation Present? Hydrophytic Vegetation Present? Yes No Wetland Hydrology Present? Yes No If yes, optional Wetland Site ID:
NWI classification:	Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) Are Vegetation, Soil, or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes Are "Normal Circumstances" present? Yes Are "Normal Circumstances" present? Yes No (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS — Attach site map showing sampling point locations, transects, important feature Hydrophytic Vegetation Present? Yes No Is the Sampled Area within a Wetland? Yes No Ves No If yes, optional Wetland Site ID:
re climatic / hydrologic conditions on the site typical for this time of year? Yes	Are Vegetation, Soil, or Hydrology significantly disturbed? Are Vegetation, Soil, or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS — Attach site map showing sampling point locations, transects, important feature Hydrophytic Vegetation Present? Yes No Is the Sampled Area within a Wetland? Yes No Ves No If yes, optional Wetland Site ID:
re Vegetation	Are Vegetation, Soil, or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes (If needed, explain any answers in Remarks.) **BUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important feature
re Vegetation, soil, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.) ### Attach site map showing sampling point locations, transects, important features, important feature	Are Vegetation, Soil, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important feature Hydrophytic Vegetation Present?
Author Principle (Author) Wetland Hydrology Present? Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Surface Soil Cracks (B6) Surface Soil Cracks (B6) Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Saturation (A3) Marl Deposits (B15) Marl Deposits (B15) Sediment Deposits (B2) Drift Deposits (B3) Presence of Reduced Iron (C4) Algal Mat or Crust (B4) Iron Deposits (B5) Iron Deposits (B5) In Muck Surface (C7) In Muck Surface (C7) Shallow Aquitard (D3) In Indicators (minimum of two required in the state of	SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important feature Hydrophytic Vegetation Present? Hydrophytic Vegetation Present? Hydrophytic Vegetation Present? Yes No No Within a Wetland? Yes No No Vegetation Present?
Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? Wetland Hydrology Present? Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Secondary Indicators (B16) Saturation (A3) Secondary Indicators (B16) Mari Deposits (B15) Drift Deposits (B3) Algal Mat or Crust (B4) If yes, optional Wetland Site ID: Secondary Indicators (minimum of two required in the secondary Indicators (B10) Surface Water Table (A2) Adautation (A3) Ada	Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? Yes No No If yes, optional Wetland Site ID:
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Water Marks (B1)	Saturation (A3) Marl Deposits (B15) Dry-Season Water Table (C2)
Sediment Deposits (B2)	Water Marks (P1)
Drift Deposits (B3) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Geomorphic Position (D2) Iron Deposits (B5) Thin Muck Surface (C7) Shallow Aquitard (D3) Shallow Aquitard (D3) Other (Explain in Remarks) Microtopographic Relief (D4) FAC-Neutral Test (D5) FAC-Neutral Test (D5) Ves No Depth (inches):	Sediment Deposits (B2) — Oxidized Rhizospheres on Living Roots (C3) — Saturation Visible on Aerial Imagence
Algal Mat or Crust (B4)	
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Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5) Sield Observations:	
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Remarks:	Water Table Present? Yes No Depth (inches):

TC7026-(S2 Uplan)

CR13/C)

VEGETATION - Use scientific names of plants

VEGETATION – Use scientific names of plants	•		Sampling Point:
Tree Stratum (Plot size:	Absolute % Cover	Dominant Indicator Species? Status	Dominance Test worksheet:
1.	7	Openies: States	Number of Dominant Species That Are OBL, FACW, or FAC: (A)
3			Total Number of Dominant Species Across All Strata: (B)
4	-		Percent of Dominant Species
56			That Are OBL, FACW, or FAC: (A/B)
6	-		Prevalence Index worksheet:
6/	-		Total % Cover of: Multiply by:
Sapling/Shrub Stratum (Plot size:	144 VOL (17	= Total Cover	OBL species x1=
1 O O			FACW species x 2 = FAC species x 3 = X 3 =
			FACU species 45 x 4 = 180
2.		- 1	UPL species x 5 = 7
3			Column Totals: 55 (A) 220 (B)
4. 5.			Prevalence Index = B/A =
6			Hydrophytic Vegetation Indicators:
7			Rapid Test for Hydrophytic Vegetation
-10		= Total Cover	Dominance Test is >50%
Herb Stratum (Plot size:	- 77		Prevalence Index is ≤3.0¹
1. Ambrosia ARTEMISITOLIA	30	Y FACU.	 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
2. RANCOLUS ACRIS	5_	N FAC	Problematic Hydrophytic Vegetation ¹ (Explain)
3. TR. FOILM REPENS	5	IN FACO	(LAT provided to
4. GRASS 50 (GRAZES)	40	THE TORK	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5. IRPDION PRATTOSE	5	N FAW	Definitions of Vegetation Strata:
6. PLANTAGO LANCELOTA	5	N UPL	
7. Dhitom Pratense		N FAW	Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
		TSAS A TO E DA	Sapling/shrub – Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.
10. ************************************			Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
12.		. raanbada n	Woody vines – All woody vines greater than 3.28 ft in
19	1	Total Cover	height.
Woody Vine Stratum (Plot size:)	1,5	PARTITION FAIR	
1. Complete the state	<u> </u>	agreed to be and	
2			
3			Hydrophytic
4			Vegetation
		Total Cover	Present? Yes No
Remarks: (Include photo numbers here or on a separate sh			
A 1 = 0			
- Hohve cow pan	Me		
		,	\
		-	
unia. gran sp no	St (a. Col	Bring tot or
PIZZADICE I	000	~	

TO TO CE	2 2 20	00/642	1/0011
(a)	2101		_
SOIL	10,(_)		Sampling Point:
Profile Description	on: (Describe to the depth ne	eded to document the indicator or confirm the ab-	
Depth	Matrix	Podey Factures	A.

Llooth			confirm the absence of indicators.)
Depth (inches)	Matrix Color (moist) %	Redox Features Color (moist) % Type¹ Lo	oc ² Texture Remarks
-6	15000	Color (moist) 76 Type LC	Tomarks
3	1090011		Silt loan
	-	Calcard San	
			2 2 2
			·
¹ Type: C=C	oncentration, D=Depletion, R	M=Reduced Matrix, CS=Covered or Coated Sar	and Grains. ² Location: PL=Pore Lining, M=Matrix.
Hydric Soil	Indicators:	7	Indicators for Problematic Hydric Soils ³ :
Histosol		Polyvalue Below Surface (S8) (LRR R,	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Commence of the commence of the commence of	pipedon (A2)	MLRA 149B)	Coast Prairie Redox (A16) (LRR K. I. R)
Black Hi	stic (A3) n Sulfide (A4)	Thin Dark Surface (S9) (LRR R, MLRA 1	149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
	Layers (A5)	Loamy Mucky Mineral (F1) (LRR K, L)	Dark Surface (S7) (LRR K, L)
	Below Dark Surface (A11)	Loamy Gleyed Matrix (F2) Depleted Matrix (F3)	Polyvalue Below Surface (S8) (LRR K, L)
	rk Surface (A12)	Redox Dark Surface (F6)	Thin Dark Surface (S9) (LRR K, L)
	ucky Mineral (S1)	Depleted Dark Surface (F7)	<pre>Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B)</pre>
Sandy G	leyed Matrix (S4)	Redox Depressions (F8)	Nesic Spodic (TA6) (MLRA 144A, 145, 149B)
	edox (S5)		Red Parent Material (TF2)
	Matrix (S6)	5	Very Shallow Dark Surface (TF12)
Dark Sur	face (S7) (LRR R, MLRA 14	9B)	Other (Explain in Remarks)
3Indicators of	hydrophytic vegetation and v	wetland hydrology must be present, unless distu	
midiodicio oi	rydrophytic vegetation and v	vedand hydrology must be present, unless distu	irbed or problematic.
Restrictive L	aver (if observed):		
Restrictive L	ayer (if observed):		
Type:	ayer (if observed):		5
Type:	ayer (if observed):		Hydric Soil Present? Yes No
Type:	ayer (if observed):		
Type:	hes):		
Type:	hes):		Hydric Soil Present? Yes No
Type:	hes):		