Project/Site: Katzman		City/County: G	ranville,/Washington	Sampling Date: 12/16/2015			
Applicant/Owner: NYSDEC			Staf	te: NY Sampling Point: WA-F			
Investigator(s): WB, MH		Section, Towns	ship, Range:				
Landform (hillside, terrace, etc.): Dep	pression	Local relief (conca	ave, convex, none): Conca	ave Slope (%): <5			
Subregion (LRR or MLRA): LRR R	Lat:		Long:				
Soil Map Unit Name: Belgrade				classification: PEM			
Are climatic / hydrologic conditions on	the site typical for this time of	of year? Yes	X No (If no, ex	xplain in Remarks.)			
Are Vegetation, Soil,	• •	•	Are "Normal Circumstance				
Are Vegetation, Soil,	or Hydrologynatural	lly problematic?	(If needed, explain any an	swers in Remarks.)			
SUMMARY OF FINDINGS – A	ttach site map showin	ng sampling po	oint locations, transe	ects, important features, etc			
Hydrophytic Vegetation Present?	Yes X No	Is the Sam	ıpled Area				
Hydric Soil Present?	Yes X No	within a W	-	X No			
Wetland Hydrology Present?	Yes X No	If yes, option	onal Wetland Site ID:				
Remarks: (Explain alternative proced Large depression along a drainage, n							
HYDROLOGY							
Wetland Hydrology Indicators:			•	/ Indicators (minimum of two require			
Primary Indicators (minimum of one is		* *		ce Soil Cracks (B6)			
X Surface Water (A1)		ained Leaves (B9)  Drainage Patterns (B10)  Drainage Patterns (B10)					
X High Water Table (A2)	Aquatic Fau						
X Saturation (A3)	Marl Depos						
Water Marks (B1)		Sulfide Odor (C1) Crayfish Burrows (C8)					
Sediment Deposits (B2)		hizospheres on Livir	- · · · ·	ation Visible on Aerial Imagery (C9)			
Drift Deposits (B3)		e of Reduced Iron (C4) Stunted or Stressed Plants (D1)					
Algal Mat or Crust (B4)		on Reduction in Tilled Soils (C6)  X Geomorphic Position (D2)  k Surface (C7)  Shallow Aquitard (D3)					
Iron Deposits (B5) X Inundation Visible on Aerial Imag		Surface (C7)					
1 <del></del>	, , , , , <u>—</u>	lain in Remarks)		topographic Relief (D4)			
Sparsely Vegetated Concave Sur	tace (B8)		<u> </u>	Neutral Test (D5)			
Field Observations:							
Surface Water Present? Yes							
Water Table Present? Yes							
Saturation Present? Yes	X No Depth (inc	ches):	Wetland Hydrology Pro	esent? Yes X No			
(includes capillary fringe)  Describe Recorded Data (stream gau		hotoe previous insp	octions) if available:				
Describe Recorded Data (stream gad	ge, montoning wen, aenai pi	10tos, previous irisp	ections), ii avaiiabie.				
Remarks:							
Many areas of inundation.							

**VEGETATION** – Use scientific names of plants. WA-PEM Sampling Point: Absolute Dominant Indicator <u>Tree Stratum</u> (Plot size: ) % Cover Species? **Dominance Test worksheet:** Status 1. **Number of Dominant Species** 2. That Are OBL, FACW, or FAC: 3 (A) 3. **Total Number of Dominant** 4. Species Across All Strata: 3 (B) 5. Percent of Dominant Species 6. That Are OBL, FACW, or FAC: 100.0% (A/B) Prevalence Index worksheet: =Total Cover Total % Cover of: Sapling/Shrub Stratum (Plot size: ) x 1 = \_\_\_\_ OBL species 1. FACW species \_\_\_\_ x 2 = \_\_\_\_ 2. FAC species x 3 = FACU species x 4 = \_\_ 4. UPL species Column Totals: (B) 6. Prevalence Index = B/A = **Hydrophytic Vegetation Indicators:** X 1 - Rapid Test for Hydrophytic Vegetation =Total Cover Herb Stratum (Plot size: \_\_\_\_) X 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.01 50 Yes OBL Scirpus cyperinus Yes **FACW** 4 - Morphological Adaptations<sup>1</sup> (Provide supporting Phlaris arundinacea data in Remarks or on a separate sheet) 20 3. Lythrum salicaria Yes OBL 5 No OBL Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) 4 Typha latifolia 5. <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 6. 7. **Definitions of Vegetation Strata:** 8. Tree - Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. 9. 10. Sapling/shrub - Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb - All herbaceous (non-woody) plants, regardless 100 =Total Cover of size, and woody plants less than 3.28 ft tall. Woody Vine Stratum (Plot size: ) Woody vines - All woody vines greater than 3.28 ft in 1. height. Hydrophytic 3. Vegetation Present? Yes X No No =Total Cover Remarks: (Include photo numbers here or on a separate sheet.)

**SOIL** Sampling Point: WA-PEM

Profile Description: (Describe to the				or or conf	firm the absence of	indicators.)		
Depth Matrix		k Feature						
(inches) Color (moist) %	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks		
0-3 10YR 3/2						Silt Loam		
3-18 10YR 4/2 90	5YR 3/4	10	<u>C</u>	<u>M</u>		fine silt loam		
<sup>1</sup> Type: C=Concentration, D=Depletion,	RM=Reduced Matrix. C	S=Covere	ed or Coa	ted Sand	Grains. <sup>2</sup> Loca	tion: PL=Pore Lining, M=Matrix.		
Hydric Soil Indicators:					Indicators for	Problematic Hydric Soils <sup>3</sup> :		
Histosol (A1)	Polyvalue Below	Surface	(S8) ( <b>LR</b>	R R,		(A10) ( <b>LRR K, L, MLRA 149B</b> )		
Histic Epipedon (A2)	MLRA 149B)					rie Redox (A16) ( <b>LRR K, L, R</b> )		
Black Histic (A3)	Thin Dark Surface	ce (S9) ( <b>L</b>	RR R, M	LRA 149	<b>B</b> )5 cm Muck	xy Peat or Peat (S3) (LRR K, L, R)		
Hydrogen Sulfide (A4)	High Chroma Sa	ınds (S11	) (LRR K	(, <b>L)</b>	Polyvalue I	Below Surface (S8) (LRR K, L)		
Stratified Layers (A5)	Loamy Mucky M	ineral (F1	I) (LRR I	(, L)	Thin Dark	Surface (S9) (LRR K, L)		
Depleted Below Dark Surface (A11	) Loamy Gleyed M	latrix (F2	)		Iron-Manga	anese Masses (F12) (LRR K, L, R)		
Thick Dark Surface (A12)	X Depleted Matrix	(F3)			Piedmont I	Floodplain Soils (F19) (MLRA 149B)		
Sandy Mucky Mineral (S1)	Redox Dark Surf					dic (TA6) ( <b>MLRA 144A, 145, 149B</b> )		
Sandy Gleyed Matrix (S4)	Depleted Dark S		7)		Red Parent Material (F21)			
Sandy Redox (S5)	Redox Depression		- /			ow Dark Surface (TF12)		
Stripped Matrix (S6)	Marl (F10) (LRR					plain in Remarks)		
Dark Surface (S7)	Man (1 10) (ERR	14, =/			Other (Exp	nam in Komano)		
Dark Surface (S1)								
<sup>3</sup> Indicators of hydrophytic vegetation an Restrictive Layer (if observed):	d wetland hydrology mu	st be pres	sent, unle	ess disturb	ped or problematic.			
Type:								
Depth (inches):					Hydric Soil Pres	ent? Yes X No		
Remarks:								
This data form is revised from Northcer								
version 7.0 March 2013 Errata. (http://w	ww.nrcs.usaa.gov/interr	iet/FSE_	DOCUM	EN I S/nrcs	s142p2_051293.doc	X)		

Project/Site: Katzman		Cit	ty/County: Granvill	le,/Washington	Sampling Date:	12/16/2015		
Applicant/Owner: NYSDEC		_		State:	· NY Sampling I	Point: WA-PSS		
Investigator(s): WB, MH		Se	ction, Township, R	Range:				
Landform (hillside, terrace, etc	c.): Depression	Loca	I relief (concave, c	convex, none): Concave	e Slor	oe (%): <5%		
Subregion (LRR or MLRA): LF	RR R Lat:		I	Long:	 Datum			
Soil Map Unit Name: Belgrade	<del></del>				assification: PSS			
Are climatic / hydrologic condi	tions on the site typical fo	or this time of year?	Yes X	No (If no, exp	lain in Remarks.)			
Are Vegetation, Soil		-		Normal Circumstances		X No		
Are Vegetation , Soil		<del></del>		eeded, explain any ansv	_			
SUMMARY OF FINDING				locations, transec	ts, important feat	tures, etc.		
Hydrophytic Vegetation Prese	ent? Yes X	No	Is the Sampled	Area				
Hydric Soil Present?	Yes X	No	within a Wetlan		X No			
Wetland Hydrology Present?	Yes X	No	If yes, optional V					
Remarks: (Explain alternative Large depression along a dra	•		s part of wetland s	eems drier than the PE	:M portion.			
HYDROLOGY								
Wetland Hydrology Indicato					ndicators (minimum of	two required)		
Primary Indicators (minimum					Soil Cracks (B6)			
X Surface Water (A1)	<u>X</u>	Water-Stained Lea			e Patterns (B10)			
High Water Table (A2)		Aquatic Fauna (B1						
Saturation (A3)		Marl Deposits (B1						
Water Marks (B1) Sediment Deposits (B2)		Hydrogen Sulfide ( Oxidized Rhizosph			on Visible on Aerial Image	ageny (CQ)		
Drift Deposits (B3)		Presence of Redu	•	· · · —	or Stressed Plants (D1			
Algal Mat or Crust (B4)		Recent Iron Reduc			rphic Position (D2)	')		
Iron Deposits (B5)		Thin Muck Surface		· ·	Aquitard (D3)			
X Inundation Visible on Ae	rial Imagery (B7)	Other (Explain in F	, ,		pographic Relief (D4)			
Sparsely Vegetated Con-	• , · , <u> </u>		,		eutral Test (D5)			
Field Observations:								
Surface Water Present?	Yes No X	Depth (inches):	4"					
Water Table Present?	Yes No X Yes No X	Depth (inches):	0"					
Saturation Present?	Yes X No	Depth (inches):	0" <b>W</b> €	etland Hydrology Pres	sent? Yes X	No		
(includes capillary fringe)								
Describe Recorded Data (stre	eam gauge, monitoring w	ell, aerial photos, p	revious inspection	ns), if available:				
Remarks:								
Nomano.								

**VEGETATION** – Use scientific names of plants. WA-PSS Sampling Point: Absolute Dominant Indicator <u>Tree Stratum</u> (Plot size: ) % Cover **Dominance Test worksheet:** Species? Status OBL Salix nigra Yes **Number of Dominant Species** 2. Acer rubrum Yes FAC That Are OBL, FACW, or FAC: (A) 3. **Total Number of Dominant** 4. Species Across All Strata: 6 (B) 5. Percent of Dominant Species 6. That Are OBL, FACW, or FAC: 100.0% (A/B) Prevalence Index worksheet: 10 =Total Cover Total % Cover of: x 1 = \_\_\_\_ Sapling/Shrub Stratum (Plot size: ) OBL species 1. Cornus amomum Yes **FACW** FACW species \_\_\_\_ x 2 = \_\_\_\_ 2. Alnus serrulata 20 Yes OBL FAC species x 3 = Spiraea tomentosa 10 No **FACW** FACU species x 4 = \_ 5 **FACW** 4. Sambucus nigra UPL species 5. Column Totals: (B) (A) 6. Prevalence Index = B/A = **Hydrophytic Vegetation Indicators:** 85 =Total Cover 1 - Rapid Test for Hydrophytic Vegetation X 2 - Dominance Test is >50% Herb Stratum (Plot size: \_\_\_\_) 3 - Prevalence Index is ≤3.01 Lythrum salicaria 60 Yes OBL 4 - Morphological Adaptations<sup>1</sup> (Provide supporting Typha latifolia data in Remarks or on a separate sheet) 3. Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) 4. 5. <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 6. 7. **Definitions of Vegetation Strata:** 8. Tree - Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. 9. 10. Sapling/shrub - Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. 11. Herb - All herbaceous (non-woody) plants, regardless 80 =Total Cover of size, and woody plants less than 3.28 ft tall. Woody Vine Stratum (Plot size: ) Woody vines - All woody vines greater than 3.28 ft in 1. height. Hydrophytic 3. Vegetation Present? Yes X No No =Total Cover Remarks: (Include photo numbers here or on a separate sheet.)

SOIL Sampling Point: WA-PSS

Profile De	escription: (Describe	to the d	epth needed to docu	ment the	e indicate	or or con	firm the absence	of indicators.)		
Depth	Matrix	rix Redox Features								
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks		
0-3	2.5Y 3/2	100						Silt Loam		
3-6	2.5Y 4/2	100						silt loam		
6-18	2.5Y 4/2	90	10YR 5/8	10	С	М		fine silt loam		
<sup>1</sup> Type: C=	Concentration, D=De	pletion, R	M=Reduced Matrix, C	S=Cover	ed or Coa	ated Sand	Grains. <sup>2</sup> Lo	ocation: PL=Pore Lining, M=Matrix.		
Hydric So	il Indicators:						Indicators for	or Problematic Hydric Soils <sup>3</sup> :		
Histos	sol (A1)		Polyvalue Below	/ Surface	(S8) ( <b>LR</b>	R R,	2 cm Mu	uck (A10) (LRR K, L, MLRA 149B)		
Histic	Epipedon (A2)		MLRA 149B)				Coast P	rairie Redox (A16) (LRR K, L, R)		
Black	Histic (A3)		Thin Dark Surface	ce (S9) (I	LRR R, M	ILRA 149	<b>B</b> ) 5 cm Μι	ucky Peat or Peat (S3) (LRR K, L, R)		
Hvdro	gen Sulfide (A4)		High Chroma Sa				Polyvalue Below Surface (S8) (LRR K, L)			
	fied Layers (A5)		Loamy Mucky M			-	Thin Dark Surface (S9) (LRR K, L)			
	ted Below Dark Surfa	ca (Δ11)	Loamy Gleyed N			<b>-</b> , <b>-</b> ,	Iron-Manganese Masses (F12) (LRR K, L, R)			
	Dark Surface (A12)	CC (ATT)			-)					
			X Depleted Matrix				Piedmont Floodplain Soils (F19) (MLRA 149B)			
	y Mucky Mineral (S1)		Redox Dark Sur				Mesic Spodic (TA6) ( <b>MLRA 144A, 145, 149B</b> )			
Sandy	y Gleyed Matrix (S4)		Depleted Dark S	Surface (F	<del>-</del> 7)		Red Parent Material (F21)			
Sandy	y Redox (S5)		Redox Depressi	ons (F8)			Very Sh	low Dark Surface (TF12)		
Stripp	ed Matrix (S6)		Marl (F10) (LRR	(K, L)			Other (Explain in Remarks)			
Dark	Surface (S7)									
<sup>3</sup> Indicators	s of hydrophytic vegeta	ation and	wetland hydrology mu	st he pre	esent unle	ess distur	hed or problematic			
	e Layer (if observed)		welland hydrology ma	ot bo pro	oont, and	oo alotan	The problematic			
Type:										
Depth (i	nches):						Hydric Soil Pr	esent? Yes X No		
Remarks:							•			
								RCS Field Indicators of Hydric Soils		
version 7.0	0 March 2013 Errata.	(http://ww	w.nrcs.usda.gov/Interr	net/FSE_		ENTS/nrc	s142p2_051293.d	ocx)		

Project/Site: Katzman		(	City/County: Gr	anville,/Washing	ton	_Sampling Date:	12/16/2015	
Applicant/Owner: NYSDEC		_			State:	— NY Sampling	Point: WA-UP	
Investigator(s): WB, MH		S	Section, Townsh	nip, Range:				
Landform (hillside, terrace, etc	c.): Slope	Loc	cal relief (conca	ve, convex, none	e): none	Slo	ope (%): 5%	
Subregion (LRR or MLRA): LI	RR R I	_at:		Long:			ım:	
Soil Map Unit Name: Belgrade	<del></del>				NWI classif	ication:		
Are climatic / hydrologic condi		al for this time of yea	r? Yes	X No	(If no, explain			
Are Vegetation, Soil		-	<del>-</del>	Are "Normal Circ	-		X No	
Are Vegetation , Soil				(If needed, explain	·	-		
SUMMARY OF FINDING				,	•	,	atures, etc.	
Hydrophytic Vegetation Pres	ent? Yes	X No	Is the Sam	nled Area				
Hydric Soil Present?	Yes		within a We	-	Yes	No X		
Wetland Hydrology Present?		No X		nal Wetland Site				
Side-slope adjacent to wetlar	nd.							
HYDROLOGY								
Wetland Hydrology Indicate				<u>S</u>	· ·	cators (minimum o	f two required)	
Primary Indicators (minimum	of one is required; ch		(5.0)			il Cracks (B6)		
Surface Water (A1)	-	Water-Stained L		_		atterns (B10)		
High Water Table (A2)	-	Aquatic Fauna (E		Moss Trim Lines (B16)				
Saturation (A3)	-	Marl Deposits (B		Dry-Season Water Table (C2)				
Water Marks (B1) Sediment Deposits (B2)	-	Hydrogen Sulfide Oxidized Rhizos		a Poots (C3)	Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)			
Drift Deposits (B3)	-	Presence of Red		g Roots (C3)		Stressed Plants ([		
Algal Mat or Crust (B4)	-	Recent Iron Red	, ,	Soils (C6)		c Position (D2)	<i>71)</i>	
Iron Deposits (B5)	<del>-</del>	Thin Muck Surfa			Shallow Aq			
Inundation Visible on Ae	rial Imagery (B7)	Other (Explain in		_		raphic Relief (D4)		
Sparsely Vegetated Con	• · · · · · -		,	_	FAC-Neutra	. ,		
Field Observations:								
Surface Water Present?	Yes No	X Depth (inches):	:					
Water Table Present?	Yes No 2	Depth (inches): Depth (inches):	:					
Saturation Present?	Yes No>	Depth (inches):	:	Wetland Hydro	ology Present	? Yes	No X	
(includes capillary fringe)								
Describe Recorded Data (str	eam gauge, monitorin	g well, aerial photos,	, previous inspe	ections), if availab	ole:			
Remarks:								
Nomarks.								

**VEGETATION** – Use scientific names of plants. Sampling Point: WA-UP Absolute Dominant Indicator <u>Tree Stratum</u> (Plot size: ) % Cover **Dominance Test worksheet:** Species? Status 30 FACU Prunus serotina Yes **Number of Dominant Species** 2. Acer saccharum FACU That Are OBL, FACW, or FAC: (A) 3. **Total Number of Dominant** 4. Species Across All Strata: 5 (B) 5. Percent of Dominant Species 6. That Are OBL, FACW, or FAC: 60.0% (A/B) Prevalence Index worksheet: 35 =Total Cover Total % Cover of: x 1 = \_\_\_\_ Sapling/Shrub Stratum (Plot size: ) OBL species 1. Lonicera tatarica **FACU** FACW species \_\_\_\_ x 2 = \_\_\_\_ 2. Alnus serrulata Yes OBL FAC species x 3 = 3. FACU species x 4 = \_ 4. UPL species 5. Column Totals: (B) 6. Prevalence Index = B/A = **Hydrophytic Vegetation Indicators:** 40 =Total Cover 1 - Rapid Test for Hydrophytic Vegetation Herb Stratum (Plot size: \_\_\_\_\_) X 2 - Dominance Test is >50% 20 Yes 3 - Prevalence Index is ≤3.01 Solidago rugosa FAC Dryopteris intermedia 4 - Morphological Adaptations<sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) 3. Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) 4. 5. <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 6. 7. **Definitions of Vegetation Strata:** 8. Tree - Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. 9. 10. Sapling/shrub - Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb - All herbaceous (non-woody) plants, regardless 30 =Total Cover of size, and woody plants less than 3.28 ft tall. Woody Vine Stratum (Plot size: ) Woody vines - All woody vines greater than 3.28 ft in 1. height. Hydrophytic 3. Vegetation Present? Yes X \_ No \_\_\_\_ =Total Cover Remarks: (Include photo numbers here or on a separate sheet.)

SOIL Sampling Point: WA-UP Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Redox Features (inches) Color (moist) % Color (moist) % Loc<sup>2</sup> Texture Type<sup>1</sup> Remarks Silt Loam 0-4 10YR 3/3 100 4-14 2.5Y 3/3 100 silt loam 10YR 3/4 14-18 2.5Y 4/3 95 5 С Μ fine silt loam

<sup>1</sup> Type: C=Concentration, D=Depletion, RM:	=Reduced Matrix, CS=Covered or Coated Sand G	Grains. <sup>2</sup> Location: PL=Pore Lining, M=Matrix.				
Hydric Soil Indicators:	, , , , , , , , , , , , , , , , , , , ,	Indicators for Problematic Hydric Soils <sup>3</sup> :				
Histosol (A1)	Polyvalue Below Surface (S8) (LRR R,	2 cm Muck (A10) ( <b>LRR K, L, MLRA 149B</b> )				
Histic Epipedon (A2)	MLRA 149B)	Coast Prairie Redox (A16) (LRR K, L, R)				
Black Histic (A3)	Thin Dark Surface (S9) (LRR R, MLRA 149B)					
Hydrogen Sulfide (A4)	High Chroma Sands (S11) (LRR K, L)	Polyvalue Below Surface (S8) (LRR K, L)				
Stratified Layers (A5)	Loamy Mucky Mineral (F1) (LRR K, L)	Thin Dark Surface (S9) (LRR K, L)				
Depleted Below Dark Surface (A11)	Loamy Gleyed Matrix (F2)	Iron-Manganese Masses (F12) (LRR K, L, R)				
Thick Dark Surface (A12)	Depleted Matrix (F3)	Piedmont Floodplain Soils (F19) (MLRA 149B)				
Sandy Mucky Mineral (S1)	Redox Dark Surface (F6)	Mesic Spodic (TA6) ( <b>MLRA 144A, 145, 149B</b> )				
Sandy Gleyed Matrix (S4)	Depleted Dark Surface (F7)	Red Parent Material (F21)				
Sandy Redox (S5)	Redox Depressions (F8)	Very Shallow Dark Surface (TF12)				
Stripped Matrix (S6)	Marl (F10) ( <b>LRR K, L</b> )	Other (Explain in Remarks)				
Dark Surface (S7)		_				
<sup>3</sup> Indicators of hydrophytic vegetation and we	etland hydrology must be present, unless disturbe	d or problematic.				
Restrictive Layer (if observed):	, ,	·				
Type:						
Depth (inches):		Hydric Soil Present? Yes No _X				
Remarks:						
This data form is revised from Northcentral	and Northeast Regional Supplement Version 2.0	to reflect the NRCS Field Indicators of Hydric Soils				

version 7.0 March 2013 Errata. (http://www.nrcs.usda.gov/Internet/FSE\_DOCUMENTS/nrcs142p2\_051293.docx)

Project/Site: Katzman	City/County: Granv	ville,/Washington	Sampling Date: 12/16/2015				
Applicant/Owner: NYSDEC		State:	NY Sampling Point: WB-PSS				
Investigator(s): WB, MH	Section, Township,	, Range:					
Landform (hillside, terrace, etc.): Drainage	Local relief (concave,	, convex, none): Concave	Slope (%): 5%				
Subregion (LRR or MLRA): LRR R Lat:		Long:	Datum:				
Soil Map Unit Name: Wallilngton		<u> </u>	ication: PSS				
Are climatic / hydrologic conditions on the site typical for th	is time of year? Yes X	K No (If no, explain	in Remarks.)				
Are Vegetation, Soil, or Hydrology		e "Normal Circumstances" pre					
Are Vegetation , Soil , or Hydrology		needed, explain any answers					
SUMMARY OF FINDINGS – Attach site map	_	t locations, transects,	important features, etc.				
Hydrophytic Vegetation Present? Yes X	No Is the Sample	ed Area					
<u> </u>	No within a Wetla	and? Yes X	No				
Wetland Hydrology Present? Yes X	No If yes, optional	l Wetland Site ID:					
Long drainage with low gradient. Lots of garbage (old cars	;) throughout the area.						
HYDROLOGY							
Wetland Hydrology Indicators:		Secondary Indic	cators (minimum of two required)				
Primary Indicators (minimum of one is required; check all		<del></del>	il Cracks (B6)				
l <del></del>	iter-Stained Leaves (B9)		atterns (B10)				
l ——	uatic Fauna (B13)						
<del></del>	rl Deposits (B15)						
<del></del>	drogen Sulfide Odor (C1)						
<del></del>	dized Rhizospheres on Living Resence of Reduced Iron (C4)		Visible on Aerial Imagery (C9) Stressed Plants (D1)				
l ——	cent Iron Reduction in Tilled Soi		c Position (D2)				
1 <del></del>	n Muck Surface (C7)	Shallow Aq	, ,				
<del></del>	ner (Explain in Remarks)		raphic Relief (D4)				
Sparsely Vegetated Concave Surface (B8)	. ( )	FAC-Neutra					
Field Observations:		<u> </u>					
Surface Water Present? Yes X No D	epth (inches): 3"						
Water Table Present? Yes X No D	epth (inches): 0"						
Saturation Present? Yes X No D	epth (inches): 0"	Wetland Hydrology Present	? Yes X No				
(includes capillary fringe)							
Describe Recorded Data (stream gauge, monitoring well,	aerial photos, previous inspection	ons), if available:					
Remarks:							
Tromano.							

**VEGETATION** – Use scientific names of plants. WB-PSS Sampling Point: Absolute Dominant Indicator <u>Tree Stratum</u> (Plot size: ) % Cover **Dominance Test worksheet:** Species? Status 10 Ulmus americana **FACW** Yes **Number of Dominant Species** 2. That Are OBL, FACW, or FAC: (A) 3. **Total Number of Dominant** 4. Species Across All Strata: 6 (B) 5. Percent of Dominant Species 6. That Are OBL, FACW, or FAC: 100.0% (A/B) Prevalence Index worksheet: 10 =Total Cover Total % Cover of: x 1 = \_\_\_\_ Sapling/Shrub Stratum (Plot size: ) OBL species 1. Cornus amomum **FACW** FACW species \_\_\_\_ x 2 = \_\_\_\_ Alnus serrulata Yes OBL FAC species x 3 = 3. FACU species x 4 = \_\_ 4. UPL species 5. Column Totals: (B) (A) 6. Prevalence Index = B/A = **Hydrophytic Vegetation Indicators:** 80 =Total Cover X 1 - Rapid Test for Hydrophytic Vegetation X 2 - Dominance Test is >50% Herb Stratum (Plot size: \_\_\_\_) **FACW** 3 - Prevalence Index is ≤3.01 1. Onoclea sensibilis 20 Yes 15 Yes **FACW** 4 - Morphological Adaptations<sup>1</sup> (Provide supporting 2. Solidago rugosa data in Remarks or on a separate sheet) 10 3. Carex Iurida Yes OBL 5 **FACW** Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) 4 Osmunda cinnamomea No 5. <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 6. 7. **Definitions of Vegetation Strata:** 8. Tree - Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. 9. 10. Sapling/shrub - Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb - All herbaceous (non-woody) plants, regardless 50 =Total Cover of size, and woody plants less than 3.28 ft tall. Woody Vine Stratum (Plot size: ) Woody vines - All woody vines greater than 3.28 ft in 1. height. Hydrophytic 3. Vegetation Present? Yes X No No =Total Cover Remarks: (Include photo numbers here or on a separate sheet.)

SOIL Sampling Point: WB-PSS

Profile De	escription: (Describe	to the d	epth needed to docu	ıment th	e indicate	or or con	firm the absence of	indicators.)		
Depth	Matrix		Redo	x Feature	es					
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks		
0-3	2.5Y 3/2	100						Silt Loam		
3-8	2.5Y 3/2	95	7.5YR 3/4	5	С	M		silt loam		
8-14	2.5Y 3/1	70	10YR 3/6	15	С	M				
			5GY 4/1	15	D	<u>M</u>		fine silt loam		
14-18	5GY 4/1	100						fine silt loam		
<sup>1</sup> Type: C=	Concentration, D=De	pletion, R	M=Reduced Matrix, C	S=Cove	ed or Coa	ated Sand	Grains. <sup>2</sup> Loca	tion: PL=Pore Lining, M=N	/latrix.	
Hydric So	il Indicators:						Indicators for	Problematic Hydric Soils	<sup>3</sup> :	
Histos	sol (A1)		Polyvalue Below	v Surface	(S8) ( <b>LR</b>	R R,	2 cm Muck	(A10) (LRR K, L, MLRA 1	(49B)	
Histic	Epipedon (A2)		MLRA 149B)				Coast Prai	rie Redox (A16) ( <b>LRR K, L</b>	, <b>R</b> )	
Black	Histic (A3)		Thin Dark Surfa	ce (S9) (	LRR R, N	ILRA 149	B) 5 cm Muck	y Peat or Peat (S3) (LRR	K, L, R)	
Hydro	gen Sulfide (A4)		High Chroma Sa	ands (S1	1) (LRR <b>k</b>	(, L)	Polyvalue	Below Surface (S8) (LRR I	<b>(</b> , <b>L</b> )	
Stratif	fied Layers (A5)		Loamy Mucky M	lineral (F	1) (LRR I	(, L)	Thin Dark	Surface (S9) (LRR K, L)		
Deple	ted Below Dark Surfa	ce (A11)	Loamy Gleyed I	Matrix (F2	2)		Iron-Manganese Masses (F12) (LRR K, L, R)			
Thick	Dark Surface (A12)		Depleted Matrix	(F3)			Piedmont Floodplain Soils (F19) (MLRA 149B)			
	Mucky Mineral (S1)		X Redox Dark Sur		)		Mesic Spodic (TA6) (MLRA 144A, 145, 149B)			
	Gleyed Matrix (S4)		Depleted Dark S				Red Parent Material (F21)			
	Redox (S5)	Redox Depressions (F8)						ow Dark Surface (TF12)		
	ed Matrix (S6)		Marl (F10) (LRF					lain in Remarks)		
	Surface (S7)		Wan (1 10) (ER	· · · · · · · · · · · · · · · · · · ·			Other (Exp	iaii iii rromanoj		
	ouriace (07)									
<sup>3</sup> Indicators	of hydrophytic veget	ation and	wetland hydrology mu	ıst be pre	esent, unle	ess disturl	ped or problematic.			
	e Layer (if observed									
	nches):						Hydric Soil Pres	ent? Yes X	No	
Remarks:	x too deep to be used	i								
Gley main	x too deep to be used	l.								

Project/Site: Katzman			City/County: G	anville,/Washing	ton	_Sampling Date:	12/16/2015		
Applicant/Owner: NYSDEC					State:	— NY Sampling	Point: WB-UP		
Investigator(s): WB, MH			Section, Towns	hip, Range:					
Landform (hillside, terrace, etc	c.): Drainage	Lo	ocal relief (conca	ave, convex, none	e): Concave	Slo	ope (%): 5%		
Subregion (LRR or MLRA): L	RR R	Lat:		Long:		Datu			
Soil Map Unit Name: Wallilng				<u> </u>		ication: PSS			
Are climatic / hydrologic condi		cal for this time of ve	ar? Yes	X No	(If no, explain				
Are Vegetation, Soil		-	-	Are "Normal Circ	- `	•	X No		
Are Vegetation , Soil				(If needed, expla	·	-			
SUMMARY OF FINDING					-		atures, etc.		
Hydrophytic Vegetation Pres	ent? Yes	No X	Is the Sam	nled Area					
Hydric Soil Present?	Yes		within a W	•	Yes	No X			
Wetland Hydrology Present?		No X	If yes, option	onal Wetland Site					
Remarks: (Explain alternativ Lots of garbage (old cars) the		ш а ѕерагате терог	)						
HYDROLOGY									
Wetland Hydrology Indicate				<u>S</u>		cators (minimum o	f two required)		
Primary Indicators (minimum	of one is required; cl		L (DO)	<del>_</del>		il Cracks (B6)			
X Surface Water (A1)		Water-Stained		_	Drainage Patterns (B10)				
X High Water Table (A2) X Saturation (A3)		Aquatic Fauna Marl Deposits (		_	Moss Trim Lines (B16)				
Water Marks (B1)	•	Hydrogen Sulfic		_	Dry-Season Water Table (C2) Crayfish Burrows (C8)				
Sediment Deposits (B2)	•		spheres on Livir	ng Roots (C3)		Visible on Aerial In	nagery (C9)		
Drift Deposits (B3)	•		educed Iron (C4)	_		Stressed Plants (D			
Algal Mat or Crust (B4)	•		duction in Tilled	_		c Position (D2)	,		
Iron Deposits (B5)	•	Thin Muck Surf		` ′ _	 Shallow Aq	` '			
Inundation Visible on Ae	rial Imagery (B7)	Other (Explain	in Remarks)	_	Microtopog	raphic Relief (D4)			
Sparsely Vegetated Con	cave Surface (B8)	<u></u>		_	FAC-Neutra	al Test (D5)			
Field Observations:									
Surface Water Present?	Yes No	X Depth (inches	s):						
Water Table Present?	Yes No	X Depth (inches X Depth (inches	s):						
Saturation Present?	Yes No	X Depth (inches	s):	Wetland Hydr	ology Present	? Yes	NoX		
(includes capillary fringe)  Describe Recorded Data (str	eam gauge monitoriu	na well periol photo	s previous insp	actions) if availal	hle:				
Describe Recorded Data (str	eam gauge, monitorii	ig weii, aeriai prioto	s, previous irispi	ections), ii avaliai	Die.				
Remarks:									
Remarks.									

**VEGETATION** – Use scientific names of plants. Sampling Point: Absolute Dominant Indicator <u>Tree Stratum</u> (Plot size: ) % Cover **Dominance Test worksheet:** Species? Status 20 FAC Acer rubrum Yes **Number of Dominant Species** 2. Prunus serotina 15 Yes **FACU** That Are OBL, FACW, or FAC: (A) Populus deltoides 15 Yes FAC **Total Number of Dominant** 4. Species Across All Strata: 6 (B) 5. Percent of Dominant Species 6. That Are OBL, FACW, or FAC: 66.7% (A/B) Prevalence Index worksheet: 50 =Total Cover Total % Cover of: x 1 = \_\_\_\_ Sapling/Shrub Stratum (Plot size: ) OBL species 1. Lonicera tatarica **FACU** FACW species \_\_\_\_ x 2 = \_\_\_\_ 2. Alnus serrulata OBL FAC species x 3 = 3. FACU species x 4 = \_ 4. UPL species 5. Column Totals: (B) 6. Prevalence Index = B/A = **Hydrophytic Vegetation Indicators:** 60 =Total Cover 1 - Rapid Test for Hydrophytic Vegetation X 2 - Dominance Test is >50% Herb Stratum (Plot size: 30 Dryopteris intermedia 3 - Prevalence Index is ≤3.01 Yes FAC 4 - Morphological Adaptations<sup>1</sup> (Provide supporting Osmunda cinnamomea data in Remarks or on a separate sheet) 3. Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) 4. 5. <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 6. 7. **Definitions of Vegetation Strata:** 8. Tree - Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. 9. 10. Sapling/shrub - Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb - All herbaceous (non-woody) plants, regardless 40 =Total Cover of size, and woody plants less than 3.28 ft tall. Woody Vine Stratum (Plot size: ) Woody vines - All woody vines greater than 3.28 ft in 1. height. Hydrophytic 3. Vegetation Present? Yes X No No =Total Cover Remarks: (Include photo numbers here or on a separate sheet.)

**SOIL** Sampling Point: WB-UP

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)										
Depth	Matrix		Redox	c Feature	es					
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture		Remarks	
0-11	10YR 3/3	100							silt loam	
11-14	2.5Y 4/3	95	10YR 4/6	5	С	M			fine silt loar	m
14-18	2.5Y 4/3	80	10YR 4/6	20	С	M		-	fine silt loar	m
								-		_
<sup>1</sup> Type: C=	=Concentration, D=Dep	letion, RI	M=Reduced Matrix, C	S=Cover	ed or Coa	ited Sand	Grains. <sup>2</sup> Lo	cation: PL=	Pore Lining, N	∕I=Matrix.
Hydric Sc	oil Indicators:						Indicators for	or Problema	atic Hydric Sc	oils³:
Histos	sol (A1)		Polyvalue Below	Surface	(S8) (LR	R R,	2 cm Mu	ıck (A10) ( <b>L</b> l	RR K, L, MLR	A 149B)
Histic	Epipedon (A2)		MLRA 149B)				Coast P	rairie Redox	(A16) ( <b>LRR K</b>	(, L, R)
Black	Histic (A3)		Thin Dark Surface	ce (S9) (I	LRR R, M	LRA 149	<b>B</b> ) 5 cm Μυ	icky Peat or	Peat (S3) (LR	R K, L, R)
Hydro	ogen Sulfide (A4)		High Chroma Sa	nds (S1	1) (LRR K	(, L)	Polyvalu	e Below Su	rface (S8) ( <b>LR</b>	R K, L)
	fied Layers (A5)		Loamy Mucky M			-	Thin Dark Surface (S9) (LRR K, L)			
	eted Below Dark Surfac	e (A11)	Loamy Gleyed M			, ,	Iron-Manganese Masses (F12) (LRR K, L, R)			
	Dark Surface (A12)	( ,	Depleted Matrix		,		Piedmont Floodplain Soils (F19) (MLRA 149B)			
	y Mucky Mineral (S1)		Redox Dark Surf				Mesic Spodic (TA6) (MLRA 144A, 145, 149B)			
	y Gleyed Matrix (S4)		Depleted Dark S				Red Parent Material (F21)			
					')				Gurface (TF12)	
	y Redox (S5)		Redox Depression							
	ped Matrix (S6)		Marl (F10) ( <b>LRR</b>	<b>K</b> , L)			Other (E	xplain in Re	emarks)	
Dark	Surface (S7)									
<sup>3</sup> Indicators	s of hydrophytic vegeta	tion and v	vetland hydrology mu	st be pre	sent, unle	ess distur	bed or problemation			
	e Layer (if observed):									
Type:										
Depth (i	inches):						Hydric Soil Pr	esent?	Yes	No X
Remarks:										
Gley matr	ix too deep to be used.									