# nationalgrid

# Lockport-Batavia Line #112 Rebuild Project

## Appendix G

### **Stormwater Pollution Prevention Plan**

Part 7 of 8

June 2025 Case 22-T-0654

Table 2
Stream Delineation Summary

Stream ID	Map Sheet #	Associated Data Point #	Associated Photo Log #	Stream Name	Tributary of	Flow Regime	Flow Direction	Presumed Federal / State Jurisdiction <sup>2</sup>	NYSDEC Classification <sup>3,5,6,7</sup>	NYSDEC Standard Designation <sup>4,6</sup>	Latitude	Longitude	Stream Width (Average OHWM, Ft.)	Stream Width (Average Top of Bank, Ft.)	Stream Reach Length (Within Study Limits, Linear Ft.)
001*	2 thru 3	DP-005	N/A	NYS Barge Canal (Erie Canal) (Portion 1)	Lake Erie	Perennial	East	Federal & State*	С	ND	43.147687	-78.716270	84	84	418
002	10	DP-018	36, 37, 38	Unnamed Tributary to Tonawanda Creek	NYS Barge Canal (Erie Canal)	Perennial	South	Federal & State	В	ND	43.142075	-78.678417	20	20	340
003	12	DP-022	46, 47, 48	Unnamed Tributary to Mud Creek	Tonawanda Creek	Intermittent	West	Federal	D	ND	43.141585	-78.666715	2	3	300
004	16	DP-023	49, 50, 51	Unnamed Tributary to Mud Creek	Tonawanda Creek	Intermittent	East	Federal	D	ND	43.140759	-78.649781	5	9	304
005	18 thru 19	DP-028	62, 63, 64	Unnamed Tributary to Mud Creek	Tonawanda Creek	Intermittent	West	Federal	D	ND	43.140579	-78.638010	4	6	1,240
006	22	DP-036	80, 81, 82	Unnamed Tributary to Mud Creek	Tonawanda Creek	Intermittent	North	Federal	D	ND	43.140302	-78.622527	4	6	197
007	29	DP-056	124, 125, 126	Unnamed Tributary to Mud Creek	Tonawanda Creek	Intermittent	North	Federal	С	ND	43.140041	-78.588483	4	10	296
008	36	DP-063	143, 144, 145	Unnamed Tributary to Mud Creek	Tonawanda Creek	Intermittent	South	Federal	С	ND	43.139888	-78.554292	3	6	155
009**	62	DP-084	196, 197, 198	Unnamed Tributary to Mud Creek	Tonawanda Creek	Perennial	West	Federal & State**	С	ND	43.118740	-78.452938	10	15	117
010	54	DP-094	215, 216, 217	Mud Creek and Tributaries	Tonawanda Creek	Perennial	East	Federal	С	ND	43.136002	-78.480426	20	25	208
l-								<del> </del>	-			<b>!</b>		Total:	3,575

#### Notes:

- 1. A field delineation was performed by Fisher Associates between August 6 and October 2, 2019; June 16, 2020; and November 12 and 13, 2020
- 2. In accordance with the Navigable Waters Protection Rule, streams/tributaries that are perennial and/or intermittent and contribute surface flow to WOTUS are federally jurisdictional by the EPA and USACE (see Section 3.0 for more information).
- 3. NYSDEC Classification Designations:
  - AA or A: waters used as a source of drinking water
  - B: waters with best usage for swimming and other contact recreation, but not for drinking water
  - C: waters supporting fisheries and suitable for non-contact activities
  - D: other waters, the lowest classification standard
- 4. NYSDEC Standard Designations:
  - ND: no assigned designation
  - T: may support a trout population
  - TS: may support trout spawning
- 5. Waters with classifications of A, B, and C may, but will not always have an associated Standard Designation relative to trout use.
- 6. Streams with a classification of AA, A, B, or with a classification of C with a standard of "T" or "TS" are referred to a "Protected Streams" and are subject to the stream protection provisions of the New York State Protection of Waters regulations.
- 7. Streams that do not appear on the NYSDEC mapping are assigned to Class D, with the exception of any "continuous flowing natural stream" which is assigned the same classification as the water to which it is a tributary. Due to errors in the available electronic mapping, Fisher recommends coordination with NYSDEC to verify stream designations of any streams that may be impacted by the Project.
- \* Stream 001 is the New York State Barge Canal also known as the Erie Canal. The New York State Canal Corportation is governing body over the canal.
- \*\* Stream 009 is located within the Tonawanda Wildlife Management Area.

Table 3: Ditch Delineation Summary

Ditch ID	Map Sheet #	Associated Data Point #	Associated Photolog #	Flow Regime	Federal / State Jurisdiction	Latitude	Longitude	Ditch Width (Average OHWM, Ft.)	Ditch Width (Average Top of Bank, Ft.)	Ditch Reach Length (Within Project Study Limits, Linear Ft.)
001	9	DP-015	27 thru 29	Intermittent		43.142050	-78.683492	2	2	42
001	9	DF-015	27 unu 29	mermittent		45.142030	-78.083492	5	5	131
002	9	DP-016	30 thru 32	Ephemeral		43.142004	-78.679707	2	3	160
003	9	DP-017	33 thru 35	Ephemeral		43.142009	-78.679512	2	3	173
004	15	DP-019	39 thru 41	Ephemeral		43.140827	-78.653565	3	4	168
005	15	DP-024	52 thru 54	Ephemeral		43.140819	-78.653383	1	4	165
006	20	DP-025	55 thru 57	Ephemeral		43.140523	-78.629180	1	10	107
007	20	DP-033	73 thru 75	Ephemeral		43.140538	-78.629017	2	5	119
008	23	DP-037	83 thru 85	Ephemeral		43.140140	-78.614764	2	6	159
009	23	DP-042	94 thru 96	Ephemeral		43.140418	-78.614718	2	6	173
010	24	DP-043	97 thru 99	Intermittent	Federal	43.140206	-78.609395	3	8	197
011	27	DP-050	110 thru 112	Ephemeral		43.140263	-78.596273	2	6	150
012	32	DP-053	117 thru 119	Ephemeral		43.140013	-78.573944	2	6	155
013	27	DP-057	127 thru 129	Ephemeral		43.139966	-78.596112	3	5	168
014	32	DP-058	130 thru 132	Ephemeral		43.140057	-78.573731	3	5	169
015	35	DP-059	133 thru 135	Ephemeral		43.139674	-78.561544	2	4	145
016	35	DP-060	136 thru 138	Intermittent		43.139692	-78.561408	3	5	141
017	40	DP-066	150 thru 152	Ephemeral		43.140383	-78.539286	2	3	159
018	40	DP-067	153 thru 155	Intermittent		43.140691	-78.539061	3	5	125
019	88	DP-070	160 thru 162	Intermittent		43.081652	-78.391301	2	6	163
020	43	DP-075	171 thru 173	Ephemeral		43.142556	-78.524528	1	3	163
021	43	DP-078	182 thru 184	Ephemeral		43.142563	-78.524378	1	3	171
022	45	DP-079	185 thru 187	Ephemeral		43.144270	-78.514723	1	3	214
023	87	DP-092	209 thru 211	Intermittent		43.074244	-78.379761	1	5	225
024	51 & 52	DP-093	212 thru 214	Ephemeral		43.140726	-78.488008	1	4	184
025	93	DP-096	220 thru 222	Ephemeral		43.073207	-78.362096	.5	2	717
									Totals:	4,643

#### **Notes:**

- 1. A field delineation was performed by Fisher Associates between August 6 and October 2, 2019; June 16, 2020; and November 12 and 13, 2020.
- 2. Jurisdiction classifications provided represent the professional opinion of Fisher Associates. For approval of these classifications, a request for Jurisdictional Determination should be made to the US Army Corps of Engineers.
- 3. In accordance with the Navigable Waters Protection Rule, ditches/tributaries that are perennial and/or intermittent and contribute surface flow to WOTUS are federally jurisdictional by the EPA and USACE (see Section 3.0 for more information).
- 4. Ditches are not regulated by the New York State Department of Environmental Conservation unless they are determined to be altered natural tributaries possessing a state-regulated classification and/or standard designation.
- 5. Square feet and acreage were calculated in ArcGIS and Excel with more significant figures than are shown. Square footage is displayed as the nearest whole number, and acreage is displayed as either the nearest tenth or significant figure. Values may not entirely add up based on what is displayed because the total sums are based on the full value of each cell.

# APPENDIX A WETLAND DETERMINATION DATA FORMS

	RM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII City.	County: Miagam County Sampling Date: 8/6/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP-60/
Investigator(s): James Ireland Sec	tion, Township, Range: Town of Lock po 1
Landform (hillslope, terrace, etc.):	
Subregion (LRR or MLRA): LRR-L Lat: 43. 147779	
	, 6 h 3 proutstyes NWI classification: Not classific
Are climatic / hydrologic conditions on the site typical for this time of year?	•
Are Vegetation $N$ , Soil $N$ , or Hydrology $N$ significantly disti	urbed? Are "Normal Circumstances" present? YesX No
Are Vegetation, Soil, or Hydrology naturally probler	
	mpling point locations, transects, important features, etc.
Hydrophytic Vegetation Present?  Hydric Soil Present?  Yes No >	Is the Sampled Area within a Wetland? Yes No X
Wetland Hydrology Present? Yes No >	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	n you option in your one of
Upland Dalm Roint For WL-oct 1	Selloned 001
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	
Saturation (A3) Marl Deposits (B15) Water Marks (B1) Hydrogen Sulfide O	
	eres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduce	
Algal Mat or Crust (B4)  Algal Mat or Crust (B4)	
Iron Deposits (B5) Thin Muck Surface	(C7) Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7) Other (Explain in Re	
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:  Surface Water Present?  Yes No V Depth (inches):	
Water Table Present?  Yes No Depth (inches):	
Saturation Present? Yes No _x Depth (inches):	Wetland Hydrology Present? Yes No <u>X</u> _
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photos, pi	raylous inspections) if available:
Describe Recorded Data (stream gauge, monitoring well, aenai priotos, pr	evious hispections), il available.
Remarks:	

#### VEGETATION - Use scientific names of plants.

Tree Stratum (Plot size: 30' )	Absolute Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover Species? Status	Number of Dominant Species
1		- That Are OBL, FACW, or FAC:(A)
2		
		1 Total Number of Bolliniant
3		Species Across All Strata: (B)
4		Percent of Dominant Species
		That Are OBL, FACW, or FAC:
5		·
6		Prevalence Index worksheet:
7		
		Total % Cover of: Multiply by:
	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15')		FACW species x 2 =
1. Flacagrus umbellah	Solo # - NI	FAC species x 3 =
1. Cheagnos moellar	<u> </u>	FACU species x 4 =
2		
3		UPL species x 5 =
		Column Totals: (A) (B)
4		·  _
5,		Prevalence Index = B/A =
		Hydrophytic Vegetation Indicators:
6		- 1
7		1 - Rapid Test for Hydrophytic Vegetation
	50/0 = Total Cover	2 - Dominance Test is >50%
Herb Stratum (Plot size:5 (		3 - Prevalence Index is ≤3.0¹
	17 A 17	4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1. Centerica stocla		data in Remarks or on a separate sheet)
2. Colium perenne		"
3. Solidage conadensis	20% 47 FACV	Indicators of hydric soil and wetland hydrology must
4. Daveus carota		be present, unless disturbed or problematic.
		D. Cultima of Manager Chapter
5		Definitions of Vegetation Strata:
6		Tree - Woody plants 3 in. (7.6 cm) or more in diameter
		at breast height (DBH), regardless of height.
7		·
8		Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
9		and greater than or equal to 5.20 it (1 m) tail.
		Herb - All herbaceous (non-woody) plants, regardless of
10		size, and woody plants less than 3.28 ft tall.
11		NV - I All
12		Woody vines – All woody vines greater than 3.28 ft in height.
	100 7.110	ineight.
	= Total Cover	
Woody Vine Stratum (Plot size:)		
1		
		Hydrophytic
2		- Vegetation
3		Present? Yes No
4		
		-
	= Total Cover	
Remarks: (Include photo numbers here or on a separate s	sheet.)	
	11 0-1	1-1
Actumn Olive & Spotked Knapuse.	I don't have an	indicator status re
		·
Here were not included in the	1 mar. 1	}
Here were not included in hi	ner gerænt cever.	
• • • • • • • • • • • • • • • • • • •		

	ription: (Describe	to the depth				or confirm	the absence	of indicators.)
Depth (inches)	Matrix Color (moist)	<del></del>	Color (moist)	x Features %	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-7	16 484/2	too-l,					5:L	
	10 112 1 3					<del></del>		
							<del></del>	
<del></del>							<del></del>	
					<del></del>			
¹Tyne: C=Co	oncentration, D=Depl	etion RM=F	Reduced Matrix MS	S=Masked	Sand Gra	ine	2l ocation	: PL=Pore Lining, M=Matrix.
Hydric Soil I		00011, 1111-1	Coddood Wattist, INC	<u>J Washea</u>	Ourid Ort			for Problematic Hydric Solls <sup>3</sup> :
Histosol	(A1)		Polyvalue Belov	v Surface (	(S8) ( <b>LRF</b>	R,		fuck (A10) (LRR K, L, MLRA 149B)
	pipedon (A2)		MLRA 149B)					Prairie Redox (A16) (LRR K, L, R)
Black His			Thin Dark Surfa					flucky Peat or Peat (S3) (LRR K, L, R)
	n Sulfide (A4)		Loamy Mucky M			, L)		Surface (S7) (LRR K, L, M)
	l Layers (A5) I Below Dark Surface	- (Δ11)	Loamy Gleyed I Depleted Matrix					lue Below Surface (S8) (LRR K, L) ark Surface (S9) (LRR K, L)
	rk Surface (A12)		Redox Dark Sur					anganese Masses (F12) (LRR K, L, R)
	lucky Mineral (S1)	_	Depleted Dark S		7)			ont Floodplain Soils (F19) (MLRA 149B)
	leyed Matrix (S4)	_	Redox Depress	ions (F8)			Mesic	Spodic (TA6) ( <b>MLRA 144A, 145, 149B</b> )
	edox (S5)							arent Material (F21)
	Matrix (S6)	U D & 440D)					-	hallow Dark Surface (TF12)
Dark Sur	face (S7) (LRR R, M	ILKA 149B)					Otner (	(Explain in Remarks)
	hydrophytic vegetat	on and wetl	and hydrology mus	t be prese	nt, unless	disturbed of	or problematio	).
	ayer (if observed):	ı						
Type:	MADY Roc	۷						
Depth (inc	ches): <b>7</b> "						Hydric Soil	Present? Yes No _X
Remarks:								
	D. Alid	<i>(</i> : .				- 11 ·	ο·	
	Duy Multiple	Soil oil	s and couldn'	عدد ا	لاس	J. H:	+ Kock e	very rand,
	•	v	•	9	•			

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII

Applicant/Owner: National Grid

Investigator(s): James Ireland

City/County Mage: County

Sampling Date: 8/c/19

Sampling Date: NY

Sampling Dote: DP- 0000 State: NY Sampling Point: DP- oca Landform (hillslope, terrace, etc.): dyneson Local relief (concave, convex, none): Concave Slope (%): 1/6 Subregion (LRR or MLRA): LRR-L Lat: 43.147713 Long: -76.7/7055 Datum: NAD '83 Soil Map Unit Name: O.A. Ovid s: It learn, linestone substratum, 0 to 3 ground stores NWI classification: Not classification Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) Are Vegetation  $\underline{V}$ , Soil  $\underline{V}$ , or Hydrology  $\underline{\Lambda}$  significantly disturbed? Are "Normal Circumstances" present? Yes SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Is the Sampled Area 4. Hydrophytic Vegetation Present? within a Wetland? Hvdric Soil Present? Wetland Hydrology Present? If yes, optional Wetland Site ID:\_\_\_ Remarks: (Explain alternative procedures here or in a separate report.) Date Point for Walland 001 **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) y Saturation (A3) \_\_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) \_\_\_ Hydrogen Sulfide Odor (C1) \_\_\_ Crayfish Burrows (C8) Water Marks (B1) 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) MR Recent Iron Reduction in Tilled Soils (C6) Algal Mat or Crust (B4) Y Geomorphic Position (D2) 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: Yes X No Depth (inches): 2" Surface Water Present? Yes Y No Depth (inches): 0" Water Table Present? Wetland Hydrology Present? Yes \_\_\_\_ No \_\_\_\_ Yes X No Depth (inches): 0 1/ Saturation Present? (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

<b>VEGETATION - </b>	Use	scientific	names	of	plants.
----------------------	-----	------------	-------	----	---------

2021ATION Coo coloniale harnes of plants		<del></del>	<del></del>	<del> </del>
Tree Stratum (Plot size: 301 )		Dominant Indicator Species? Status	Dominance Test works	neet:
,			Number of Dominant Spe	
			That Are OBL, FACW, or	FAC: (A)
2			Total Number of Domina	
3		<del></del>	Species Across All Strata	i: (B)
1			Percent of Dominant Spe	cies 1000/
5	· ———		That Are OBL, FACW, or	FAC: 100% (A/B)
3			Prevalence Index works	hoot:
7			Total % Cover of:	
	C	= Total Cover		x 1 =
Sapling/Shrub Stratum (Plot size: 151)		- 10101 00401		x2=
				x3=
<u> </u>			ſ	x 4 =
				x5=
3				(A) (B)
·			Column rotals.	() ()
5			Prevalence Index =	= B/A =
5			Hydrophytic Vegetation	Indicators:
			1 - Rapid Test for Hy	
·			<u>★</u> 2 - Dominance Test i	• • •
,	<u></u>	= Total Cover	3 - Prevalence Index	
Herb Stratum (Plot size: 5')	1000/	V 081.	4 - Morphological Ad	aptations <sup>1</sup> (Provide supporting or on a separate sheet)
. Typha angustifica	100 10			nytic Vegetation <sup>1</sup> (Explain)
			1.	
3 4		*	¹Indicators of hydric soil a be present, unless distur	and wetland hydrology must bed or problematic.
5			Definitions of Vegetation	n Strata:
3			Tree - Woody plants 3 in	. (7.6 cm) or more in diameter
7			at breast height (DBH), re	
3			Sapling/shrub – Woody and greater than or equal	plants less than 3 in. DBH I to 3.28 ft (1 m) tall.
)				n-woody) plants, regardless of
10			size, and woody plants less	than 3.28 ft tall.
			Woody vines - All woody	vines greater than 3.28 ft in
12			height.	
_	100%	= Total Cover		
Noody Vine Stratum (Plot size:36 (				•
1				i.
2			Hydrophytic	
2			Vegetation Present? Yes	X No
·				<del></del>
ł. <u></u>				
	<i>(</i> /)	= Total Cover		

SOIL.	الرارا			· .			Come and the worth to	. Sampling Po	oint: DP-	<u>-002</u>
		to the dep	th needed to docu	iment the in	dicator	or confirm	the absence of Indicat	ors.)		
Depth	Matrix	<del></del> %	Red	ox Features	T1	. 2		Damada		İ
(inches) (**	Color (moist) 10 YR 31,	10010	Color (moist)	<u> </u>	Type <sup>1</sup>	Loc <sup>2</sup>	<u>Texture</u>	Remarks		
8-20in	10 YR 3/1		101rs/8	40%		W	clesu			
<u>₩</u>	<u> </u>	<u> </u>	101K-3/5		<del>_</del>	108				
									<del></del>	
							· • • • • • • • • • • • • • • • • • • •			
					<del></del>	2.0			,	
	<del></del>			•	<del></del> _		1		<del></del>	
				·						
							<u> </u>	,		
		<del></del>				100 mm				<del></del>
				<del></del> -	<del></del>					
¹Type: C=Co	ncentration, D=Dep	letion, RM	=Reduced Matrix, M	S=Masked S	——— Sand Gr	ains.	<sup>2</sup> Location: PL=Pore	Lining, M=Mat	rix.	
Hydric Soil II	ndicators:						Indicators for Proble	ematic Hydric	Soils³:	
Histosol (	(A1) ipedon (A2)		Polyvalue Beld MLRA 149E		S8) ( <b>LR</b>	RR,	2 cm Muck (A10)			
Black His			Thin Dark Surf	•	RR R. M	LRA 149B)	* 1 <sup>th</sup> 1			
	Sulfide (A4)		Loamy Mucky				Dark Surface (S7			.
	Layers (A5)		Loamy Gleyed				Polyvalue Below			.
	Below Dark Surface	e (A11)	★ Depleted Matri				Thin Dark Surfac			. [
	rk Surface (A12)		Redox Dark St		_		Iron-Manganese			
	ucky Mineral (S1)		Depleted Dark	•	)		Piedmont Floodp			
Sandy Gi	eyed Matrix (S4)		Redox Depres	sions (F8)			Mesic Spodic (TA		A, 145, 14	496)
	Matrix (S6)						Very Shallow Da		2)	•
	face (S7) ( <b>LRR R, f</b>	VILRA 1491	3)		٠		Other (Explain in		۷)	
<sup>3</sup> Indicators of	hydronhytia yaaata	tion and we	etland hydrology mu	et ha pracan	u unlac	e disturbed	or problematic			
	ayer (if observed)		eliand riydrology ma	ist be presen	it, uriies	s distarbed	or problematic.			
Type:	NLA			1				· V		
	hes): <b>\(\lambda\)</b> \\						Hydric Soil Present?	Yes X	No	
Remarks:								,		İ
							ν,	Angel State		
							:			
							1 Same			
							`₩.	<b>1</b>		ļ
								*. * .		
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WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII City/County: Niggar County Sampling Date: 08/6/19
Applicant/Owner: National Grid State: NY Sampling Point: DP- 603
Investigator(s): James Ireland Section, Township, Range: Town of Lock po
Landform (hillslope, terrace, etc.): h: llolupe Local relief (concave, convex, none): Convex Slope (%): 2%
Subregion (LRR or MLRA): <u>LRR.L</u> Lat: <u>43.147 600</u> Long: <u>-78.7/8085</u> Datum: NAD '83
Soil Map Unit Name: Hand-Hillon & Cayuza soils, O to 3 percent stopes, bedrook & Sestentian NWI classification: Net classification:
Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
Are Vegetation
Are Vegetation
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present?  Hydric Soil Present?  Wetland Hydrology Present?  Yes No ¬  Wetland Hydrology Present?  Yes No ¬  Is the Sampled Area within a Wetland?  Yes No Y  If yes, optional Wetland Site ID:  Remarks: (Explain alternative procedures here or in a separate report.)
Upland Dah Point Gor Welland ooa
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)
Algal Mat or Crust (B4)
Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5)
Field Observations:
Surface Water Present? Yes No Depth (inches):
Water Table Present?  Yes No Depth (inches):
Saturation Present? Yes No Depth (inches): - Wetland Hydrology Present? Yes No Cincludes capillary fringe)
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
Remarks:
·

TECETIFICATION CONTINUE NAME OF PROPERTY.				
		Dominant		Dominance Test worksheet:
Tree Stratum (Plot size:)	<u>% Cover</u>	Species?	<u>Status</u>	}
1				Number of Dominant Species That Are OBL, FACW, or FAC: (A)
				That Are OBL, FACVV, or FAC. (A)
2				Total Number of Dominant
2				Total Number of Dominant Species Across All Strata:  (B)
3	<del></del>		<del></del>	(a)
4				Percent of Dominant Species
				That Are OBL, FACW, or FAC: (A/B)
5				
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
	$\mathscr{A}$	= Total Cov	er	OBL species x 1 =
				FACW species x 2 =
Sapling/Shrub Stratum (Plot size: 15 )				
1				FAC species x 3 =
				FACU species x 4 =
2				
				UPL species x 5 =
3				Column Totals: (A) (B)
4				
				Prevalence Index = B/A =
5				
6				Hydrophytic Vegetation Indicators:
				1 - Rapid Test for Hydrophytic Vegetation
7				
	Ø	= Total Cov	er	2 - Dominance Test is >50%
· · · · · · · · · · · · · · · · · · ·				3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size:)				4 - Morphological Adaptations¹ (Provide supporting
1. Melilotus officinals	bod	ソ	FACV	data in Remarks or on a separate sheet)
2. Dances carote	_5040	<u> </u>	UPL	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Centauren Stocke		<b>y</b> -	NV	Indicators of hydric call and watland hydrology myst
J. CENTAUTER SPOTOC			100	Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
4				be present, unless disturbed or problematic.
				Definitions of Vegetation Strata:
5				Sommer of vogotation of all all
6				Tree - Woody plants 3 in. (7.6 cm) or more in diameter
				at breast height (DBH), regardless of height.
7				
8				Sapling/shrub - Woody plants less than 3 in. DBH
				and greater than or equal to 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				XX/ 4
12				Woody vines - All woody vines greater than 3.28 ft in
16,				height.
1	10 180	= Total Cov	er	
Woody Vine Stratum (Plot size; 3c <sup>r</sup> )				
Woody Vine Stratum (Plot size:)				
L .				
<b>.</b> 1				
1				Hydrophytic
2				Hydrophytic Vegetation
2				Venetation
1				1
1				Venetation
1		- Total Cou		Venetation
34		= Total Cov	er	Venetation
1		= Total Cov	er	Venetation
3  4  Remarks: (Include photo numbers here or on a separate state)	sheet.)			Vegetation Present?  Yes NoX
3  4  Remarks: (Include photo numbers here or on a separate state)	sheet.)			Vegetation Present?  Yes NoX
3  4  Remarks: (Include photo numbers here or on a separate state)	sheet.)			Vegetation Present?  Yes NoX
3	sheet.)			Vegetation Present?  Yes NoX
3	sheet.)			Vegetation Present?  Yes NoX
3  4  Remarks: (Include photo numbers here or on a separate state)	sheet.)			Vegetation Present?  Yes NoX
3	sheet.)			Vegetation Present?  Yes NoX
3	sheet.)			Vegetation Present?  Yes NoX
3	sheet.)			Vegetation Present?  Yes NoX

Depth Matrix Redox Features (inches) Color (moist) % Type¹ Loc² Texture Remarks  10 10 10 10 10 10 10 10 10 10 10 10 10 1	_
107112	<u> </u>
	_
0.6 104R413 1000b S:L	1
	-
	[
<del></del>	-[
	_
	-
	_
	-
	}
<sup>1</sup> Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand 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) (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, M)	
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) Depleted Dark Surface (F7) Piedmont Floodplain Soils (F19) (MLRA 149	
Sandy Gleyed Matrix (S4) Redox Depressions (F8) Mesic Spodic (TA6) (MLRA 144A, 145, 149E	' ]
Sandy Redox (S5) Red Parent Material (F21) Stripped Matrix (S6) Very Shallow Dark Surface (TF12)	
Orthpled Matrix (OO) Very Shifting Bark Surface (11 12) Other (Explain in Remarks)	Ì
Suit Cardos (cr) (Eritting instant 1405)	
<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.	Ì
Restrictive Layer (if observed):	
Type: 2016	
Depth (inches): 1,7 Hydric Soil Present? Yes No Y	
Remarks:	긕
Contains.	
Dug Molkiple Soil pits but hit rock each time.	
Total p. 15 But h.t (och each time.	
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WETLAND DETERMINATION DATA	FORM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII	City/County: Nraspen: County Sampling Date: 8/6/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP- 004
• • • • • • • • • • • • • • • • • • • •	Section, Township, Range: Town of Lockport
	cal relief (concave, convex, none):
Subregion (LRR or MLRA): CRR-C Lat: 93.17788	Datum: NAD '83
Soil Map Unit Name: Hand - Hillon + Cayega Soils , C to 3	percent stores, Indianale substantion NWI classification: Not classified
Are climatic / hydrologic conditions on the site typical for this time of ye	ar? Yes <u>Y</u> No (If no, explain in Remarks.)
Are Vegetation <u>\( \lambda \) , Soil \( \lambda \lambda \) , or Hydrology <u>\( \lambda \) significantly</u></u>	
Are Vegetation, Soil, or Hydrology naturally pro	oblematic? (If needed, explain any answers in Remarks.)
SUMMARY OF EINDINGS - Attach site man showing	sampling point locations, transects, important features, etc.
Command of Findings - Attach site map showing	
Hydrophytic Vegetation Present? Yes No	Is the Sampled Area within a Wetland? Yes _ X No
Hydric Soil Present? Yes Y No	
Wetland Hydrology Present? YesX No	If yes, optional Wetland Site ID: WL-Oca
Remarks: (Explain alternative procedures here or in a separate repo	π.)
PEM, Dala point for Westland GOQ	
HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)	<u>F</u> Surface Soil Cracks (B6)
Surface Water (A1) Water-Stained	· · · — · · · · · · · · · · · · · · · ·
High Water Table (A2) Aquatic Fauna	
Saturation (A3) Marl Deposits ( Water Marks (B1) Hydrogen Sulfi	
	spheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
1 <del></del>	educed Iron (C4) Stunted or Stressed Plants (D1)
	duction in Tilled Soils (C6)
Iron Deposits (B5) Thin Muck Surf	face (C7) Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7) Other (Explain	in Remarks) <u>X</u> Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)	X FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No Depth (inches	
Water Table Present? Yes No Ye Depth (inches	
Saturation Present? Yes No Depth (inches (includes capillary fringe)	): Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, monitoring well, aerial photo	os, previous inspections), if available:
Remarks:	

Tree Stratum (Plot size: 301 )	Absolute % Cover	Dominant Indicator Species? Status	Dominance Test worksheet:
1			Number of Dominant Species That Are OBL, FACW, or FAC:(A)
2			Total Number of Dominant
3	-		Species Across All Strata: (B)
4 5	<del></del>		Percent of Dominant Species That Are OBL, FACW, or FAC: 1006 (A/B)
6		·	Bl.
7			Prevalence Index worksheet: Total % Cover of: Multiply by:
		= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: (5)			FACW species x 2 =
1			FACUlaresias x 3 =
2			FACU species x 4 = UPL species x 5 =
3	<del></del>		Column Totals: (A) (B)
4			
5			Prevalence Index = B/A =
6			Hydrophytic Vegetation Indicators:  ➤ 1 - Rapid Test for Hydrophytic Vegetation
7			2 - Dominance Test is >50%
Herb Stratum (Plot size:)		= Total Cover	3 - Prevalence Index is ≤3.0¹
1. Typha angestifica	100%	y GBL	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
2			Problematic Hydrophytic Vegetation¹ (Explain)
3			¹Indicators of hydric soil and wetland hydrology must
4			be present, unless disturbed or problematic.
5			Definitions of Vegetation Strata:
6			<b>Tree</b> – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
7			Sapling/shrub – Woody plants less than 3 in. DBH
9			and greater than or equal to 3.28 ft (1 m) tall.
10			Herb – All herbaceous (non-woody) plants, regardless of
11			size, and woody plants less than 3.28 ft tall.
12			Woody vines – All woody vines greater than 3.28 ft in height.
	100%	= Total Cover	
Woody Vine Stratum (Plot size:)			
1			
2			Hydrophytic Vegetation
3			Present? Yes No
4			
Remarks: (Include photo numbers here or on a separate		= Total Cover	
Tromains. (molude photo numbers field of on a separate	311001.)		
1			

Profile Desc	cription: (Describe t	o the dept	th needed to docur	nent the i	ndicator o	or confirm	the absence	of indicate	ors.)	J
Depth	Matrix			x Features	<b>i</b>				,	
(inches)	Color (moist)	%	Color (moist)	%	_Type <sup>1</sup>	<u>Loc²</u>	<u>Texture</u>		Remarks	
0-10	10 YR 3/2	B1766	104R5/6	30do	<u></u>	_/	<u>ci</u>			
(0-30	104/2012	300lo	104R514	25%	$\underline{\epsilon}$	1	CU			
	•		2.5 BBY5/L	25%	C	Π	CL			
		<u> </u>					<u> </u>			
				<del></del>						
									<del></del>	<del></del>
<u> </u>										
							<del></del>	·		
		<del></del>								
	•						<del></del>			
					•					
<sup>1</sup> Type: C=Co	oncentration, D=Depl	etion. RM=	Reduced Matrix, MS	.——. S=Masked	Sand Gra	ins	<sup>2</sup> I ocation:	PI =Pore	Lining, M=Mat	rix.
Hydric Soil I	ndicators:		e-	- maonea	<u>cana cra</u>		Indicators f	or Proble	matic Hydric	Soils <sup>3</sup> :
Histosol			Polyvalue Belov		(S8) ( <b>LRR</b>	R,			(LRR K, L, ML	
Histic Ep   Black Hi	oipedon (A2)		MLRA 149B) Thin Dark Surfa		RR R MI	PA 149R\			ox (A16) ( <b>LRR</b> or Peat (S3) (I	
	n Sulfide (A4)		Loamy Mucky M					-	(LRR K, L, M	
Stratified	Layers (A5)		Loamy Gleyed I	Matrix (F2)		,	Polyvalı	ue Below S	Surface (S8) (I	.RR K, L)
	Below Dark Surface		Depleted Matrix						(S9) (LRR K,	I
	ark Surface (A12) lucky Mineral (S1)	•	K Redox Dark Sur Depleted Dark S		7)				/lasses (F12) ( ain Soils (F19)	(MLRA 149B)
	leyed Matrix (S4)	-	Redox Depressi		.,					A, 145, 149B)
	edox (S5)			<u> </u>				rent Materi		
	Matrix (S6) face (S7) (LRR R, M	I DA 1/0B	١		\$			iallow Dark Explain in F	Surface (TF1	2)
	1000 (01) (2111111)	LIVA 140B	<b>,</b>		1		0.1101 (1		Comandy	
	hydrophytic vegetati	on and wet	lland hydrology mus	t be prese	nt, unless	disturbed of	or problematic.			
Type:	ayer (if observed):		**************************************							
	ches): <i>V/</i>	<del></del>	112				Hydric Soil F	Procent?	Yes X	No
Remarks:	, , , , , , , , , , , , , , , , , , ,		- 174.a	*			Tiyunc don i	- ICSCIICI	163 _/-	
										7
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#### WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region City/County: Nragara County Sampling Date: 8/7/19 State: NY Sampling Point: DP- 006 Project/Site: NG Batavia-Lockport Article VII Applicant/Owner: National Grid Investigator(s): James Ireland Section, Township, Range: Town of Locksell Subregion (LRR or MLRA): LRR - Lat: 43.147559 Long: -78.715777 Datum: NAD '83 Soil Map Unit Name: C - Cot + fill Land NWI classification: Not classification: Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) Are Vegetation $\underline{\mathcal{N}}$ , Soil $\underline{\mathcal{N}}$ , or Hydrology $\underline{\mathcal{N}}$ naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Is the Sampled Area Hydrophytic Vegetation Present? within a Wetland? Hydric Soil Present? Wetland Hydrology Present? Remarks: (Explain alternative procedures here or in a separate report.) PEM, Dalapoint for Verland 003 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) Y Drainage Patterns (B10) Surface Water (A1) \_\_\_ Water-Stained Leaves (B9) \_\_\_ Moss Trim Lines (B16) High Water Table (A2) Aquatic Fauna (B13) Saturation (A3) \_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) \_\_\_ Crayfish Burrows (C8) \_\_\_ Hydrogen Sulfide Odor (C1) Water Marks (B1) \_\_\_ 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: Yes \_\_\_\_\_ No \_\_\* Depth (inches): ~ Surface Water Present? Yes \_\_\_\_ No \_\_y Depth (inches): ~ Water Table Present? Wetland Hydrology Present? Yes X No \_\_\_\_ Yes \_\_\_\_ No \_Y Depth (inches): -Saturation Present?

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

(includes capillary fringe)

Remarks:

#### **VEGETATION** – Use scientific names of plants.

<del></del>	A la = = la -4 =	Danis ant In	- al! 4 - a	
Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant In Species?		Dominance Test worksheet:
				Number of Dominant Species
1				That Are OBL, FACW, or FAC: (A)
2				
<b>?</b>				Total Number of Dominant Species Across All Strata: (B)
3				Species Across All Strata: (B)
4				Percent of Dominant Species
				That Are OBL, FACW, or FAC: 100% (A/B)
5				
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
				1
	<u> </u>	= Total Cover	•	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: /5")				FACW species x 2 =
1 .				FAC species x 3 =
1				FACU species x 4 =
2				
3				UPL species x 5 =
				Column Totals: (A) (B)
4				
5				Prevalence Index = B/A =
				Hydrophytic Vegetation Indicators:
6		<del></del>	<del></del>	]
7				1 - Rapid Test for Hydrophytic Vegetation
	Ø	= Total Cover		2 - Dominance Test is >50%
Herb Stratum (Plot size:)	·	10101 00101		3 - Prevalence Index is ≤3.0 <sup>1</sup>
1. Phragmits australis	90%	Y	FACW	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
2. Contaura Stock			NE	Problematic Hydrophytic Vegetation¹ (Explain)
3. Solidaço canadensis	104	_ N	FACV	Indicators of hydric soil and wetland hydrology must
				be present, unless disturbed or problematic.
4				
5				Definitions of Vegetation Strata:
6				Tree – Woody plants 3 in. (7.6 cm) or more in diameter
				at breast height (DBH), regardless of height.
7				]
8				Sapling/shrub – Woody plants less than 3 in. DBH
				and greater than or equal to 3.28 ft (1 m) tall.
9				Herb – All herbaceous (non-woody) plants, regardless of
10				size, and woody plants less than 3.28 ft tall.
11				
				Woody vines - All woody vines greater than 3.28 ft in
12				height.
	100%	= Total Cover		
Woody Vine Stratum (Plot size:)				
yvoody viile Stratum (Flot size)				
1				
2				Hydrophytic
				Vegetation   Present?
3				Present? Yes _ No
4				
		= Total Cover		
		- Total Cover		<u></u>
Remarks: (Include photo numbers here or on a separate	sheet.)			
Sa Hol knowwent does not have		adjection	status.	then met
sporter "oragination " " " " " " " " " " " " " " " " " " "	- an m	woukener.	·	( surges me
· 111 1 2 Elemen				
Sported benaqueed does not have circleded in the total cores.				

Sampling	Point:	DP-
Sambilliu	POILI.	

Profile Description: (Describe to the de	pth needed to docur	ment the indicat	or or confirn	n the absence of	f indicators.)		
Depth Matrix	Redo	x Features	1 . 2				
(inches) Color (moist) %	Color (moist)	<u>% Type</u>	Loc <sup>2</sup>	Texture	Remarks		
0-7 in 10 4A 3/2 100 %				sitty ban _			
7-2010 10 YR 3/2 60°	10 YR S/I	305/2		clay ham_			
	10 YR 5/8	18010 C	M	Clayloan			
			<del></del>				
	• •						
	•			· <del></del> -			
				. <del></del>			
<sup>1</sup> Type: C=Concentration, D=Depletion, RI	/=Reduced Matrix MS	S=Masked Sand	 Grains	2l ocation	PL=Pore Lining, M=Matrix.		
Hydric Soil Indicators:	//-ineduced Matrix, Mic	S-Wasked Sand	Granis.		or Problematic Hydric Soils <sup>3</sup> :		
Histosol (A1)	Polyvalue Belov	w Surface (S8) (I	.RR R,		ick (A10) (LRR K, L, MLRA 149B)		
Histic Epipedon (A2)	MLRA 149B)	)			airie Redox (A16) (LRR K, L, R)		
Black Histic (A3)		ice (S9) (LRR R,			cky Peat or Peat (S3) (LRR K, L, R)		
Hydrogen Sulfide (A4) Stratified Layers (A5)	Loamy Mucky N	Mineral (F1) (LRF	( K, L)		rface (S7) (LRR K, L, M)		
Depleted Below Dark Surface (A11)	Depleted Matrix			Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L)			
Thick Dark Surface (A12)	Redox Dark Su			Iron-Manganese Masses (F12) (LRR K, L, R)			
Sandy Mucky Mineral (S1)	Depleted Dark			Piedmont Floodplain Soils (F19) (MLRA 149B)			
Sandy Gleyed Matrix (S4)	Redox Depress	ions (F8)		Mesic Spodic (TA6) (MLRA 144A, 145, 149B)			
Sandy Redox (S5)					ent Material (F21)		
Stripped Matrix (S6)	<b>&gt;D</b> \				allow Dark Surface (TF12)		
Dark Surface (S7) (LRR R, MLRA 14	98)			Other (E	xplain in Remarks)		
<sup>3</sup> Indicators of hydrophytic vegetation and v	vetland hydrology mus	st be present, uni	ess disturbed	l or problematic.			
Restrictive Layer (if observed):							
Type: <i>N//</i>							
Depth (inches):	_			Hydric Soil P	resent? YesX_ No		
Remarks:							
				•			
·							
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WEILAND DEIERWINAI	ION DATA FORIVI – NOR	incentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII	City/County: 1	Sampling Date: 8/7/19
Applicant/Owner: Mational Ond		State: VI Sampling Point: VI
Investigator(s): James Ireland	Section, Townshi	p, Range: Town of Lockpal
Landform (hillslope, terrace, etc.):	Local relief (concave	e, convex, none): Slope (%):
Subregion (LRR or MLRA): LRR-L Lat:	73.147592	•
Soil Map Unit Name: C - Cr and fill land		NVVI classification: Not class, fied
Are climatic / hydrologic conditions on the site typical for	this time of year? Yes	
Are Vegetation, Soil, or Hydrology		Are "Normal Circumstances" present? Yes X No
Are Vegetation , Soil , or Hydrology		(If needed, explain any answers in Remarks.)
, ,		int locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No a Is the San	npled Area
Hydric Soil Present? Yes	`  tel-tu 18	Vetland? Yes No 🗡
Wetland Hydrology Present? Yes		onal Wetland Site ID:
Remarks: (Explain alternative procedures here or in a		
Upland Point for Wetlan	d 03	
HYDROLOGY		:
Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check a	all that apply)	Surface Soil Cracks (B6)
1 — · · · · —	Vater-Stained Leaves (B9)	Drainage Patterns (B10)
	quatic Fauna (B13)	Moss Trim Lines (B16)
1 1	larl Deposits (B15)	Dry-Season Water Table (C2)
	lydrogen Sulfide Odor (C1) oxidized Rhizospheres on Living	Crayfish Burrows (C8)  Roots (C3) Saturation Visible on Aerial Imagery (C9)
1 ···	resence of Reduced Iron (C4)	Stunted or Stressed Plants (D1)
\ · · · · ·	ecent Iron Reduction in Tilled S	
Iron Deposits (B5) T	hin Muck Surface (C7)	Shallow Aquitard (D3)
	ther (Explain in Remarks)	Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)	<del>,</del>	FAC-Neutral Test (D5)
Field Observations:	- " "	
Surface Water Present? Yes No X		
1	Depth (inches): Depth (inches):	Wetland Hydrology Present? Yes No
(includes capillary fringe)	Deptit (inches).	wedand hydrology Present? Tes No.A
Describe Recorded Data (stream gauge, monitoring we	ll, aerial photos, previous inspe	ctions), if available:
Remarks:	<del></del>	
		+

#### **VEGETATION** – Use scientific names of plants.

Tree Stratum (Plot size: 3C')	Absolute Dominant Indicator % Cover Species? Status	Dominance Test worksheet:				
	7. 00.00. 00.000.	Number of Dominant Species That Are OBL, FACW, or FAC: (A)				
2		Total Number of Dominant				
3		Species Across All Strata: (B)				
4		Percent of Dominant Species That Are OBL, FACW, or FAC:  (A/B)				
5						
6		Prevalence Index worksheet:				
7	= Total Cover	Total % Cover of: Multiply by:				
Sapling/Shrub Stratum (Plot size: 15')	= Total Cover	OBL species x 1 = FACW species x 2 =				
		FAC species x3 =				
1		FACU species x 4 =				
2		UPL species x 5 =				
3		Column Totals: (A) (B)				
4		Prevalence Index = B/A =				
5		Hydrophytic Vegetation Indicators:				
6		1 - Rapid Test for Hydrophytic Vegetation				
7	= Total Cover	2 - Dominance Test is >50%				
Herb Stratum (Plot size:)	= Total Cover	3 - Prevalence Index is ≤3.0¹				
1. (c) tasce Steeba	100/6 - NZ	4 - Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet)				
2		♣ Problematic Hydrophytic Vegetation¹ (Explain)				
3		¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.				
4       5		Definitions of Vegetation Strata:				
6		Tree – Woody plants 3 in. (7.6 cm) or more in diameter				
7		at breast height (DBH), regardless of height.				
8		Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.				
9		Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.				
11	. <u> </u>	Woody vines – All woody vines greater than 3.28 ft in				
12		height.				
2-1	= Total Cover					
Woody Vine Stratum (Plot size:)						
1		. Hydrophytic				
2		Vegetation				
3		Present? Yes No ¥				
4						
Remarks: (Include photo numbers here or on a separate	= Total Cover					
Centarien sheba han no unden		n mot included in lotal				
Mercu Lamen 11 Cara mercu	Acres und Spotter	1 Horapaced being ile				
recent weer. I've is no perent over un! Snotted Uniqueed him ite only yearing, problematic veg. van wed. Dat yetted Uniqueed is normally found						
I wowante well a	did on the	, , ,				
in upland allar so vey pass	A our our fur.					

Profile Descri	ption: (Describe t	o the depth	needed to docur	nent the i	ndicator	or confirm	the absence	of indicate	ors.)	
Depth (inches)	Matrix Color (moist)		Redo Color (moist)	x Features	_Type <sup>1</sup>	1002	Texture		Remarks	
		1000/6	Color (moist)	70	Type	LOC			Remains	
0-8in	1048 4/3	100 / 3					Silty lary		3 0 1	
8+in_								rock	at 84 in	1
				<del></del>						
<del>-</del>							·			
	· · · · · · · · · · · · · · · · · · ·									
-					<del></del>					
			· · · · · · · · · · · · · · · · · · ·							
<sup>1</sup> Type: C=Con	centration, D=Depl	etion RM=R	educed Matrix MS	S=Masked	Sand Gra	ins.	<sup>2</sup> l ocation:	PL=Pore	Lining, M=Mat	rix.
Hydric Soil In		onori, minist	oudood Matrix, Mic	- madrida	Julia Oli				matic Hydric	
Histosol (A	<b>A1)</b>	_	_ Polyvalue Belov	w Surface	(S8) (LRF	R,	2 cm M	uck (A10)	(LRR K, L, ML	.RA 149B)
Histic Epip			MLRA 149B)						ox (A16) ( <b>LRR</b>	
Black Histi		_	_ Thin Dark Surfa					-	or Peat (S3) (L	· ·
	Sulfide (A4) _ayers (A5)	_	_ Loamy Mucky N _ Loamy Gleyed I			L)			· (LRR K, L, M) Surface (S8) (L	
	Below Dark Surface	(A11) _	_ Depleted Matrix		,				(S9) (LRR K,	
	k Surface (A12)	`	 _ Redox Dark Su						Nasses (F12) (	
	cky Mineral (S1)		_ Depleted Dark	-	7)					(MLRA 149B)
	eyed Matrix (S4)	-	_ Redox Depress	ions (F8)					6) (MLRA 144.	A, 145, 149B)
Sandy Red Stripped M								rent Materi	ıaı (FZ1) ∢Surface (TF1	2)
	ace (S7) (LRR R, M	LRA 149B)						Explain in f		_,
									,	
	nydrophytic vegetati	on and wetla	nd hydrology mus	t be prese	nt, unless	disturbed	or problematic	•		
	yer (if observed):									
· ) [- + · <u></u>							Hudria Call	Drocout?	Van	No. V
Depth (inch	les):						Hydric Soil	Present?	Yes	No
Remarks:										
M	hijle jih v		, ,		1.1	10.1	AND AME	<i>1</i>		
1 West	trinle outs u	re by	but Noch	war	mi	n ann	010- 1140	WW.		
		0								
, <i>S</i>	<b>Y</b>									
	-									
ı										

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII

Applicant/Owner: National Grid

Investigator(s): James Ireland

City/County: National County

Sampling Date: 8/7/19

oil Map Unit Name: Cb - Canadaigua silt lam NWI classification: Net classificat Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Is the Sampled Area Hydrophytic Vegetation Present? Hydric Soil Present?

Yes Y
No
Wetland Hydrology Present?

Yes Y
No within a Wetland? If yes, optional Wetland Site ID: \_\_\VL-  ${}^{\circ}OH$ Remarks: (Explain alternative procedures here or in a separate report.) Dela Pent for Weekendoon, PEM **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) \_\_\_ Water-Stained Leaves (B9) Compare Patterns (B10) Surface Water (A1) \_\_ 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) \_\_\_ Oxidized Rhizospheres on Living Roots (C3) \_\_\_ Saturation Visible on Aerial Imagery (C9) Sediment Deposits (B2) Drift Deposits (B3) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) \_\_\_ Algal Mat or Crust (B4) MRecent Iron Reduction in Tilled Soils (C6) X 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? Yes \_\_\_\_\_ No \_\_\_\_ Depth (inches): --Yes \_\_\_\_\_ No \_\_\_\_ Depth (inches): \_ Water Table Present? Wetland Hydrology Present? Yes \_\_ No \_\_\_\_ Saturation Present? Yes \_\_\_\_ No \_ Y Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

#### VEGETATION - Use scientific names of plants.

Sampling Point: DP- 108 Absolute Dominant Indicator **Dominance Test worksheet:** 301 Tree Stratum (Plot size: % Cover Species? Status Number of Dominant Species That Are OBL, FACW, or FAC: **Total Number of Dominant** (B) Species Across All Strata: Percent of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Total % Cover of: Multiply by: c' \_= Total Cover OBL species \_\_\_\_\_ x 1 = \_\_\_\_ Sapling/Shrub Stratum (Plot size: 15') FACW species \_\_\_\_\_ x 2 = \_\_\_\_ FAC species \_\_\_\_\_ x 3 = \_\_\_\_\_ FACU species \_\_\_\_\_ x 4 = \_\_\_\_ UPL species \_\_\_\_\_ x 5 = \_\_\_\_ Column Totals: (A) (B) Prevalence Index = B/A = **Hydrophytic Vegetation Indicators:** ★ 1 - Rapid Test for Hydrophytic Vegetation え 2 - Dominance Test is >50% = Total Cover \_\_ 3 - Prevalence Index is ≤3.01 Herb Stratum (Plot size: \_\_\_\_\_5 ) \_\_\_ 4 - Morphological Adaptations<sup>1</sup> (Provide supporting 1. Lythrum salicaria 60% y OBL data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. **Definitions of Vegetation Strata:**  $\mbox{\bf Tree}-\mbox{\bf Woody}$  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 or equal to 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 100% = Total Cover Woody Vine Stratum (Plot size: \_\_\_3e'\_\_\_) Hydrophytic Vegetation Yes 🌂 No \_\_\_\_ Present? = Total Cover Remarks: (Include photo numbers here or on a separate sheet.)

Sampling Point: DP- 605

Profile Description: (Describe to the depth needed to document the indicator or confirm	the absence of indicators.)
Depth Matrix Redox Features	To a December
(inches) Color (moist) % Color (moist) % Type¹ Loc²	Texture Remarks
1 . · · · · · · · · · · · · · · · · · ·	Sitt clay bam
7-10in 10 /R 9/1800 2.5 / 5/4 264- C M	()ay
	2 5. 5
<sup>1</sup> Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.  Hydric Soil Indicators:	<sup>2</sup> Location: PL=Pore Lining, M=Matrix. Indicators for Problematic Hydric Soils <sup>3</sup> :
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)	
Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (LRR K, L) Stratified Layers (A5) Loamy Gleyed Matrix (F2)	Dark Surface (S7) (LRR K, L, M) Polyvalue Below Surface (S8) (LRR K, L)
Depleted Below Dark Surface (A11)  Leading Supplemental (L2)  Leading Supplemental (L2)	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) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Depressions (F8)	Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy Redox (S5)	Red Parent Material (F21)
Stripped Matrix (S6)	Very Shallow Dark Surface (TF12)
Dark Surface (S7) (LRR R, MLRA 149B)	Other (Explain in Remarks)
Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed	or problematic.
Restrictive Layer (if observed):	- Prosterior
Type:	
Depth (inches):	Hydric Soil Present? Yes 🗶 No
Remarks:	

#### WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII Applicant/Owner: National Grid City/County National Grid City/County National Grid Sampling Date: 8/7/19 Sampling Date: 10P-0X9 Section, Township, Range: Town of Lakpol Investigator(s): James Ireland Landform (hillslope, terrace, etc.): 11:11slan Local relief (concave, convex, none): convex Slope (%): 2% Subregion (LRR or MLRA): \_\_\_\_\_\_ Lat: \_\_\_\_\_\_ Lat: \_\_\_\_\_\_\_ Lat: \_\_\_\_\_\_\_ Long: \_\_\_\_\_\_\_\_ Long: \_\_\_\_\_\_\_\_\_ Datum: NAD '83 Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes N No Normal Circumstances" present? Yes N Normal Circumstances" present? Yes N No Normal Circumstances" present? Yes N Normal Circumstances" present N Normal Circumstances" Present N Normal Circumstances" present N Normal Circumstance SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Is the Sampled Area Hydrophytic Vegetation Present? Yes \_\_\_\_\_ No 1/4 within a Wetland? Hydric Soil Present? Yes \_\_\_\_\_ No > Yes \_\_\_\_\_ No/ Wetland Hydrology Present? If yes, optional Wetland Site ID: Remarks: (Explain alternative procedures here or in a separate report.) Upland for Velland 004 & Welland 005 **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) \_\_\_ Drainage Patterns (B10) Surface Water (A1) \_\_\_ Water-Stained Leaves (B9) \_\_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) High Water Table (A2) \_\_\_ Dry-Season Water Table (C2) \_\_ Saturation (A3) \_\_\_ Marl Deposits (B15) \_\_\_ Hydrogen Sulfide Odor (C1) \_ Water Marks (B1) \_\_ Crayfish Burrows (C8) Sediment Deposits (B2) \_\_\_ Oxidized Rhizospheres on Living Roots (C3) \_\_\_ Saturation Visible on Aerial Imagery (C9) \_\_\_ Stunted or Stressed Plants (D1) Drift Deposits (B3) Presence of Reduced Iron (C4) \_\_\_ Geomorphic Position (D2) Algal Mat or Crust (B4) N//N/Recent Iron Reduction in Tilled Soils (C6) 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? Yes \_\_\_\_ No X Depth (inches):\_\_ Yes \_\_\_\_ No \_ Depth (inches): -Water Table Present? Wetland Hydrology Present? Yes \_\_\_\_\_ No \_\_X Saturation Present? Yes \_\_\_\_\_ No \_\_\_ Depth (inches): ~ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

no.	Absolute Dominant Indi	
Tree Stratum (Plot size:)	% Cover Species? Sta	Number of Dominant Species
1		That Are OBL, FACW, or FAC: (A)
2	. <del></del>	Total Number of Dominant
3		Species Across All Strata: (B)
4	· "	
		Percent of Dominant Species That Are OBL, FACW, or FAC:  (A/B)
5		
6		Prevalence Index worksheet:
7		Total % Cover of: Multiply by:
	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size:/5´)	4	FACW species x 2 =
1		FAC species x 3 =
1		FACU species x 4 =
2		UPL species x 5 =
3		Column Totals: (A) (B)
4		
5		Prevalence Index = B/A =
6		
7		1 - Rapid Test for Hydrophytic Vegetation
		2 - Dominance Test is >50%
Herb Stratum (Plot size:)	= Total Cover	3 - Prevalence Index is ≤3.0 <sup>1</sup>
1. Centruren Stocka	90% - N	4 - Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet)
2. Solidaço canadensis		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3		Indicators of hydric soil and wetland hydrology must
4		be present, unless disturbed or problematic.
5		Definitions of Vegetation Strata:
6		
7		at breast height (DBH), regardless of height.
1		Sapling/shrub – Woody plants less than 3 in. DBH
8		and greater than or equal to 3.28 ft (1 m) tall.
9		Herb – All herbaceous (non-woody) plants, regardless of
10		size, and woody plants less than 3.28 ft tall.
11		We advising All woods since greater than 2.29 A in
12		Woody vines – All woody vines greater than 3.28 ft in height.
	1506 = Total Cover	
Woody Vine Stratum (Plot size:)	,	
		·
1		Hydrophytic
2	-	Vegetation
3		Present? Yes NoX
4		
	= Total Cover	
Remarks: (Include photo numbers here or on a separate	sheet.)	
Remarks: (Include photo numbers here or on a separate Spotled Knappecust deer not lime in later percent cover.	. Later State	in and was not used
Snother Knurwench deer not lin	lan municipolitico	···
i let I work toper		
In room govern.		

Profile Desc	ription: (Describe	to the dept	h needed to docur	nent the inc	dicator o	or confirm	the absence o	f indicator	rs.)	
Depth	Matrix	0/		x Features	Type <sup>1</sup>	1 a a 2	Touturo		Domarka	-
(inches)	Color (moist)	<u></u> %	Color (moist)		rype	_LOC .	<u>Texture</u> S:LC		Remarks	
0-1	10 YR312	10000					<u> </u>	_		
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	<u></u>				2.4				· · · · · · · · · · · · · · · · · · ·	
	oncentration, D=Depl	etion, RM=	Reduced Matrix, M	S=Masked S	and Gra	ins.			ining, M=Mat	
Hydric Soil I									natic Hydric	
Histosol		-	Polyvalue Belov		88) (LRR	R,			LRR K, L, ML	
Histic Ep	oipedon (A2)		MLRA 149B; Thin Dark Surfa		DD MI	PA 149R\			x (A16) (LRR or Peat (S3) (I	
	n Sulfide (A4)	-	Loamy Mucky N					•	(LRR K, L, M	
	Layers (A5)	_	Loamy Gleyed		<b>,</b> ,	_,			urface (S8) (L	
Depleted	Below Dark Surface	e (A11)	Depleted Matrix						(S9) (LRR K,	
	rk Surface (A12)	-	Redox Dark Su							LRR K, L, R)
	lucky Mineral (S1)	-	Depleted Dark		)			-		(MLRA 149B)
	leyed Matrix (S4) edox (S5)	-	Redox Depress	ions (F8)				ent Materia		A, 145, 149B)
	Matrix (S6)								Surface (TF1	2)
	face (S7) (LRR R, M	ILRA 149B)	)					xplain in R		
•		,								
	hydrophytic vegetati	ion and wet	land hydrology mus	t be present	t, unless	disturbed of	or problematic.		· · · · · · · · · · · · · · · · · · ·	
	ayer (if observed):									
Type:								1 / /	.,	<b>.</b>
Depth (inc	nes):7			·			Hydric Soil F	resent?	Yes	No_ <i>X</i>
Remarks:		,							<i>P</i>	
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<b>K</b>	by Mulin 4	20,1	outs and e	un line s	eem h	truck a	A-~ 4			
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#### WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII Applicant/Owner: National Grid City/County Ntages County Sampling Date: 8/7/19 Sampling Point: DP- 610 Section, Township, Range: Town of Lockgol L Investigator(s): James Ireland Landform (hillslope, terrace, etc.): Dypassion Local relief (concave, convex, none): Concare Slope (%): 11/2 Subregion (LRR or MLRA): <u>LRR-L</u> Lat: <u>43.147.256</u> Long: <u>-78.7/2636</u> Datum: NAD '83 Soil Map Unit Name: PsA. Pholos gravelly lann, On & present types NWI classification: PFOIE Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) Are Vegetation N, Soil N, or Hydrology N 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. Is the Sampled Area within a Wetland? If yes, optional Wetland Site ID:\_ WL-ccs PEM. Dalayant for We-cus, DEC welland CP-23 **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) \_\_\_ Water-Stained Leaves (B9) X Drainage Patterns (B10) ★ Surface Water (A1) ★ High Water Table (A2) \_\_\_ Moss Trim Lines (B16) \_\_\_ Aquatic Fauna (B13) \_X Saturation (A3) \_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) Water Marks (B1) Hydrogen Sulfide Odor (C1) Crayfish Burrows (C8) \_\_\_ Oxidized Rhizospheres on Living Roots (C3) \_\_\_ Saturation Visible on Aerial Imagery (C9) Sediment Deposits (B2) Drift Deposits (B3) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Recent Iron Reduction in Tilled Soils (C6) ✓ Geomorphic Position (D2) \_\_ Algal Mat or Crust (B4) \_\_\_ Thin Muck Surface (C7) Iron Deposits (B5) \_\_\_ 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: Yes \_\_\_\_ No \_\_\_\_ Depth (inches): 3" Surface Water Present? Yes \_\_\_\_\_ No \_\_\_\_\_ Depth (inches): 0" Water Table Present? Yes Y No Depth (inches): 0" Saturation Present? Wetland Hydrology Present? Yes \_\_X No \_\_\_\_ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

	Absoluto	Dominant	Indicator	T		
Tree Stratum (Plot size:)		Species?		Dominance Test worksheet:		
1			-	Number of Dominant Species That Are OBL, FACW, or FAC:	2	(A)
2				T 4 4 M and an of D. who at		
1				Total Number of Dominant Species Across All Strata:	$\boldsymbol{\mathcal{Z}}$	(B)
3				Species / to obe / til Ottata.		(5)
4	· <del></del>		<del></del> .	Percent of Dominant Species	lowel	(4.45)
5				That Are OBL, FACW, or FAC:	lovely	(A/B)
6				Description of Index and I		
				Prevalence Index worksheet:		
7				Total % Cover of:		
		= Total Co	ver	OBL species x 1	=	
Sapling/Shrub Stratum (Plot size:				FACW species x 2	=	
1				FAC species x 3	=	_
				FACU species x 4	=	
2				UPL species x 5	=	
3				Column Totals: (A)		
4				Column rotals.		_ (0)
5				Prevalence Index = B/A =		
6				Hydrophytic Vegetation Indicate	ors:	
i				<u>★</u> 1 - Rapid Test for Hydrophytic		
7				2 - Dominance Test is >50%		
		= Total Co	ver	3 - Prevalence Index is ≤3.0 <sup>1</sup>		
Herb Stratum (Plot size: 5 )				4 - Morphological Adaptations	1 (Drovido our	norting
1. Phraymes acstrols	80°L		FACW	data in Remarks or on a se	eparate sheet)	
2. Lythern Salicaria	30.6	<u> </u>	CBL	Problematic Hydrophytic Vege	etation¹ (Expla	in)
3. Phalasis asmolinacea	100%	N	FACW	<sup>1</sup> Indicators of hydric soil and wetla	nd hydrology i	nust
			<b>-</b>	be present, unless disturbed or pr		
4				Definitions of Vanatation Strate		· · · · · · · · · · · · · · · · · · ·
5	·			Definitions of Vegetation Strata		
6				Tree - Woody plants 3 in. (7.6 cm		ameter
7				at breast height (DBH), regardless	s of height.	
				Sapling/shrub - Woody plants le	ss than 3 in. D	вн
8				and greater than or equal to 3.28		
9	·			YY All back as a consider	1	
10				Herb – All herbaceous (non-woody) size, and woody plants less than 3.28		88 01
11						
12.				Woody vines - All woody vines grea	ter than 3.28 ft	in
12.	1004			height.		
	120%	= Total Co	ver			
Woody Vine Stratum (Plot size:)						
1				İ		
				Hydrophytic		
2			<del></del>	Vegetation		
3				Present? Yes	No	
4						
	of.	= Total Co	ver			
Remarks: (Include photo numbers here or on a separate		- Total Co				
Remarks. (include prioto numbers here or on a separate	sneet.)					
,						

Profile Desc	ription: (Describe	to the dept	h needed to docun	nent the i	ndicator	or confirm	the absence	of indicators.)
Depth	Matrix			x Features		. 3		
(inches)	Color (moist)	%	Color (moist)		Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks
0-8	104R3/1	<b>20</b>	7.5 yp 5/6	<u> </u>	<u>c</u>	4	_S:CL_	
8.20	10 YRYli	70°6	2.5Y5/4	30%	<u> </u>	<u>_M_</u>	<u> </u>	
		-						
		<del></del> ·						
			•					
							<del></del>	
	oncentration, D=Depl	etion, RM=	Reduced Matrix, MS	=Masked	Sand Gra	ains		: PL=Pore Lining, M=Matrix.
Hydric Soil I						_		for Problematic Hydric Soils <sup>3</sup> :
Histosol	(A1) ipedon (A2)	•	Polyvalue Below MLRA 149B)		(S8) ( <b>LRF</b>	R,		Muck (A10) ( <b>LRR K, L, MLRA 149B</b> ) Prairie Redox (A16) ( <b>LRR K, L, R</b> )
Black His			Thin Dark Surfa		RR R, ML	.RA 149B)		Mucky Peat or Peat (S3) (LRR K, L, R)
	n Sulfide (A4)		Loamy Mucky M	lineral (F1	) (LRR K,			Surface (S7) (LRR K, L, M)
	Layers (A5)		Loamy Gleyed N					llue Below Surface (S8) (LRR K, L)
	l Below Dark Surface irk Surface (A12)	e (A11)	<ul><li>Depleted Matrix</li><li>Redox Dark Sur</li></ul>					ark Surface (S9) (LRR K, L) anganese Masses (F12) (LRR K, L, R)
	ucky Mineral (S1)	•	Depleted Dark S		7)			ont Floodplain Soils (F19) (MLRA 149B)
	leyed Matrix (S4)		Redox Depressi		,			Spodic (TA6) (MLRA 144A, 145, 149B)
	edox (S5)							arent Material (F21)
	Matrix (S6) face (S7) (LRR R, M	II DA 1/0D	<b>,</b> .					hallow Dark Surface (TF12) (Explain in Remarks)
Dark Gui	lace (57) (LINITIA, III	LIVA 148D	,				Other (	(Explain in Remarks)
	hydrophytic vegetati	on and wet	land hydrology must	t be prese	nt, unless	disturbed	or problematio	D
	ayer (if observed):							
Type:								- V
Depth (inc	thes):		······································				Hydric Soil	Present? Yes No
Remarks:								
								ļ
								·

	FORM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII	City/County: Neapore County Sampling Date: 8/7/19  State: NY Sampling Point: DP- 01/
Applicant/Owner: National Grid	State: NY Sampling Point: DP- 011
Investigator(s): James Ireland	Section, Township, Range: Town of Lakeel
	cal relief (concave, convex, none): Concave Slope (%): 1/2
Subregion (LRR or MLRA): LAR-L Lat: 43.14566	
	Epsent slepes NWI classification: Net Massife of
Are climatic / hydrologic conditions on the site typical for this time of ye	
Are Vegetation, Soil, or Hydrology significantly	
Are Vegetation	oblematic? (If needed, explain any answers in Remarks.)
, no vogetation, on riyarology natarany pro	(in necessary supremary anomore in rectination)
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 <u>Y</u> No
Wetland Hydrology Present? Yes Yes No	If yes, optional Wetland Site ID: WL -006
Remarks: (Explain alternative procedures here or in a separate report	rt.)
	·
Wetland point for Vesland acce, F	»EM
Makissy Down for a common ond "	F' (
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 !	
High Water Table (A2) Aquatic Fauna	
∑ Saturation (A3) Marl Deposits (	B15) Dry-Season Water Table (C2)
Water Marks (B1) Hydrogen Sulfic	
	spheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
The state of the s	duced Iron (C4) Stunted or Stressed Plants (D1) duction in Tilled Soils (C6) Geomorphic Position (D2)
Algal Mat or Crust (B4)  Iron Deposits (B5)  Algal Mat or Crust (B4)  Thin Muck Surfa	, , , , ,
Inundation Visible on Aerial Imagery (B7)  Other (Explain i	. , ,
Sparsely Vegetated Concave Surface (B8)	✓ FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No Depth (inches)	: <b>3</b> ″
Water Table Present? Yes <u>⊀</u> No Depth (inches)	o <b>3''</b>
Saturation Present? Yes _ k No Depth (inches)	v.o '' Wetland Hydrology Present? Yes <u>★</u> No
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photo	s, previous inspections), if available:
Remarks:	4 
	'

Tree Stratum (Plot size: 30')	Absolute Dominant Indicator % Cover Species? Status	Dominance Test worksheet:
		Number of Dominant Species
1,		That Are OBL, FACW, or FAC: (A)
2		Total Number of Dominant
3		Species Across All Strata: (B)
4		Percent of Dominant Species
5		That Are OBL, FACW, or FAC: [COCO (A/B)
	•	100
6		Prevalence Index worksheet:
7		
	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15 )		FACW species x 2 =
1		FAC species x 3 =
		FACU species x 4 =
2		UPL species x 5 =
3		Column Totals: (A) (B)
4		
5		Prevalence Index = B/A =
6		Hydrophytic Vegetation Indicators:
		1 - Rapid Test for Hydrophytic Vegetation
7		X 2 - Dominance Test is >50%
_1	= Total Cover	3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size: 5')	50.6 Y CBL	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
1 - 1-		•
2. Expatorium perfoliatum	· <del>_ · · · · · · · · · · · · · · · · · ·</del>	
3. Verbenn has take	Dorlo N FACW	
4		be present, unless disturbed or problematic.
5		Definitions of Vegetation Strata:
6		Tree – Woody plants 3 in. (7.6 cm) or more in diameter
		at breast height (DBH), regardless of height.
7		Sapling/shrub – Woody plants less than 3 in. DBH
8		and greater than or equal to 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		Size, and woody plants is as than one of the min
12.		Woody vines - All woody vines greater than 3.28 ft in
12-	No. Tallows	height.
<b></b>	= Total Cover	
Woody Vine Stratum (Plot size:3c! )		
1,		
2		Hydrophytic Vegetation
3		Present? Yes No
		•
4	. <u> </u>	
4	= Total Cover	
Remarks: (Include photo numbers here or on a separate		
Remarks: (Include photo numbers here or on a separate		
Remarks: (Include photo numbers here or on a separate		
Remarks: (Include photo numbers here or on a separate		
Remarks: (Include photo numbers here or on a separate		
Remarks: (Include photo numbers here or on a separate		
Remarks: (Include photo numbers here or on a separate		
Remarks: (Include photo numbers here or on a separate		

Profile Description: (Describe to the de	pth needed to document the	indicator or confirm	n the absence of indicat	ors.)
Depth <u>Matrix</u>	Redox Featur	<u>es</u>		
(inches) Color (moist) %	Color (moist) %	Type <sup>1</sup> Loc <sup>2</sup>	Texture	Remarks
0-10 in 104RZ/1 100%	·		Sitty lam chy	
10-20in 10 VR 2/1 80 9/	5 7.5 1/R S/6 20%	0	silty clay	
10 to 111 10 1 N 1 1	12111 3/ 8 4	<del> </del>		
				·
		<del>,</del>		
			·	
			· · · · · · · · · · · · · · · · · · ·	
<sup>1</sup> Type: C=Concentration, D=Depletion, RN	=Reduced Matrix, MS=Maske	ed Sand Grains.	<sup>2</sup> Location: PL=Pore	
Hydric Soil Indicators:				ematic Hydric Soils <sup>3</sup> :
Histosol (A1)	Polyvalue Below Surface	e (S8) ( <b>LRR R,</b>		(LRR K, L, MLRA 149B)
Histic Epipedon (A2)	MLRA 149B)	// DD D MI DA 440D		dox (A16) (LRR K, L, R)
Black Histic (A3) Hydrogen Sulfide (A4)	Thin Dark Surface (S9) Loamy Mucky Mineral (F		5) 5 cm Mucky Pear Dark Surface (S7	tor Peat (S3) (LRR K, L, R)
Stratified Layers (A5)	Loamy Gleyed Matrix (F			Surface (S8) (LRR K, L)
Depleted Below Dark Surface (A11)	Depleted Matrix (F3)	-,		e (S9) (LRR K, L)
Thick Dark Surface (A12)	Redox Dark Surface (F6	5)		Masses (F12) (LRR K, L, R)
Sandy Mucky Mineral (S1)	Depleted Dark Surface (			lain Soils (F19) (MLRA 149B)
Sandy Gleyed Matrix (S4)	Redox Depressions (F8)	)		(MLRA 144A, 145, 149B)
Sandy Redox (S5)			Red Parent Mate	
Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149	D/		Other (Explain in	rk Surface (TF12)
Dark Surface (67) (ERK N, MERA 146			Other (Explain in	(Charles)
<sup>3</sup> Indicators of hydrophytic vegetation and w	etland hydrology must be pres	sent, unless disturbed	d or problematic.	
Restrictive Layer (if observed):	······································			
Type:	_			
Depth (inches): NL			Hydric Soil Present?	Yes <u>* No</u>
Remarks:				
·				
				·
			•	
				•
				,

WEILAND DETERMINATION DATA FO	KWI – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII City	/County: Nagara County Sampling Date: 8/7/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP-6/2
Investigator(s): James Ireland Sec	tion, Township, Range: Town of Cakeel
	elief (concave, convex, none): Convey Slope (%):
Subregion (LRR or MLRA): <u>LRQ-L</u> Lat: <u>43. /44762</u>	
Soil Map Unit Name: Colf - Odessa S: 12 clay loan, Um3;	<del></del>
Are climatic / hydrologic conditions on the site typical for this time of year?	•
Are Vegetation, Soil, or Hydrology significantly distri	
Are Vegetation, Soil, or Hydrology naturally probler	· · · · · · · · · · · · · · · · · · ·
	mpling 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 X
Wetland Hydrology Present? Yes No **	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	
Upland pant for Worland 606	
plant part for white	•
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	
Saturation (A3) Marl Deposits (B15) Water Marks (B1) Hydrogen Sulfide O	-
<u> </u>	dor (C1) Crayfish Burrows (C8) eres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduce	
Algal Mat or Crust (B4)  Algal Mat or Crust (B4)  Algal Mat or Crust (B4)	· · · · · · · · · · · · · · · · · · ·
Iron Deposits (B5) Thin Muck Surface	· · · · · · · · · · · · · · · · · · ·
Inundation Visible on Aerial Imagery (B7) Other (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 NoY Depth (inches): -	
Saturation Present? Yes NoX_ Depth (inches): ~	Wetland Hydrology Present? Yes No _X
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pr	evious inspections), if available:
Remarks:	

<u>Tree Stratum</u> (Plot size:) 1		Species?		Dominance Test worksheet:  Number of Dominant Species That Are OBL, FACW, or FAC: (A)
3				Total Number of Dominant Species Across All Strata: (B)
4.     5.		*.		Percent of Dominant Species That Are OBL, FACW, or FAC:
6				Prevalence Index worksheet:
Sapling/Shrub Stratum (Plot size: 15 )	<u>£</u>	= Total Co	ver	OBL species       x 1 =         FACW species       x 2 =         FAC species       x 3 =
2				FACU species x 4 = UPL species x 5 =
3 4			-	Column Totals: (A) (B)
56				Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation
Herb Stratum (Plot size:)		= Total Co		2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹
1. Centaurca steeba 2. Solidago canadensis		<u>-</u>	NT FACU	4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)     Problematic Hydrophytic Vegetation¹ (Explain)
3. Solidaça juncea 4. Rudbeckia hich	0016		NZ FACV	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5 6				Definitions of Vegetation Strata:  Tree – Woody plants 3 in. (7.6 cm) or more in diameter
7				at breast height (DBH), regardless of height.  Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
9				Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
11				Woody vines – All woody vines greater than 3.28 ft in height.
Woody Vine Stratum (Plot size: 30 )	35.0	= Total Co	ver	
2				Hydrophytic Vegetation Present? Yes No
4		= Total Co	ver	
Remarks: (Include photo numbers here or on a separate Spotted Strugged & Early galdeners next welled in Latest greaters of				inter rtatur starefra

	inhuoni (Describe	to the dep	ui neeueu				or contirm	the absence	or marcate	115.)	
Depth (inches)	Matrix Color (moist)	%	Color (	Redo moist)	x Features %	Type <sup>1</sup>	_Loc²_	Texture		Remarks	
9-11 in	10 YR 3/2	10%						Silt loam			
11-20in	10 VK 314	8090	SYR	416	Liclo	6	M	Silt bomck			
14 601.		<u></u>		1/4				OH! Bost of	Ť		
											- <u>-</u>
<del></del>	<del></del>						<del></del>		-		
											<del></del>
<del></del>											
<del></del>											
											<u>-</u>
							<u> </u>			<u> </u>	
	ncentration, D=Depl	etion, RM=	Reduced	Matrix, M	S=Masked	Sand Gra	ains.			Lining, M=Ma	
Hydric Soil II Histosol (			Dolor	alua Pala	w Surface	(QQ) /I DE	) D			matic Hydric (LRR K, L, M	
	ipedon (A2)			.RA 149B		(30) ( <b>LK</b> r	ι,			ox (A16) (LR	
Black His					ace (S9) (L				•		(LRR K, L, R)
	n Sulfide (A4) Layers (A5)				dineral (F1 Matrix (F2)		, L)			( <b>LRR K, L, l</b> Surface (S8) (	
Depleted	Below Dark Surface	e (A11)	Deple	ted Matrix	(F3)			Thin Da	ark Surface	(S9) (LRR K	(, L)
	rk Surface (A12) ucky Mineral (S1)				rface (F6) Surface (F	7\					(LRR K, L, R) ) (MLRA 149B)
	leyed Matrix (S4)			x Depress		' /		Mesic	Spodic (TA	6) (MLRA 14	4A, 145, 149B)
	edox (S5)								rent Mater		12)
	Matrix (S6) face (S7) (LRR R, N	ILRA 149E	3)						Explain in l	k Surface (TF Remarks)	12)
31	for relative to the state of th	·	#				-11- L				
	hydrophytic vegetat ayer (if observed):		tiand nydr	ology mus	st be prese	nt, unless	aisturbea	or problematic			
Type:	, (							į			
Depth (incl	hes):							Hydric Soil	Present?	Yes	No
	hes):		·····					Hydric Soil	Present?	Yes	
	hes):				,			Hydric Soil	Present?	Yes	No
	hes):							Hydric Soll	Present?	Yes	_ No
	hes):							Hydric Soil	Present?	Yes	_ No
	hes):							Hydric Soil	Present?	Yes	_ No
	hes):							Hydric Soil	Present?	Yes	_ No
	hes):							Hydric Soil	Present?	Yes	_ No
	hes):							Hydric Soil	Present?	Yes	_ No
	hes):							Hydric Soil	Present?	Yes	_ No
	hes):							Hydric Soil	Present?	Yes	_ No
	hes):							Hydric Soil	Present?	Yes	_ No
	hes):							Hydric Soil	Present?	Yes	_ No
Depth (incl	hes):							Hydric Soil	Present?	Yes	_ No

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII City/County: Window County Sampling Date: 08/ State: NY Sampling Point: DP- 613 Applicant/Owner: National Grid Section, Township, Range: Town of Leck pell Investigator(s): James Ireland Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): None Slope (%): 16 Subregion (LRR or MLRA): <u>LRQ-L</u> Lat: <u>43.143.867</u> Long: <u>-78. L195.91</u> Datum: NAD '83 Soil Map Unit Name: C.B- Cayuga + Calenovia Sill loams, 200 b po and slyes NWI classification: Not classification Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) Are Vegetation  $\underline{\mathcal{N}}$ , Soil  $\underline{\mathcal{N}}$ , or Hydrology  $\underline{\mathcal{N}}$  significantly disturbed? Are "Normal Circumstances" present? Yes  $\underline{\mathcal{N}}$  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. Is the Sampled Area Hydrophytic Vegetation Present? within a Wetland? Hydric Soil Present? Wetland Hydrology Present? If yes, optional Wetland Site ID:\_\_\_ Remarks: (Explain alternative procedures here or in a separate report.) Upland Pent Les Welland GO7 **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) \_\_\_ Water-Stained Leaves (B9) \_\_ Drainage Patterns (B10) Surface Water (A1) \_ High Water Table (A2) \_\_\_ Moss Trim Lines (B16) \_\_\_ Aquatic Fauna (B13) \_\_\_ Dry-Season Water Table (C2) Saturation (A3) Marl Deposits (B15) \_\_\_ Hydrogen Sulfide Odor (C1) Water Marks (B1) Crayfish Burrows (C8) Sediment Deposits (B2) \_\_\_ Oxidized Rhizospheres on Living Roots (C3) \_\_\_ Saturation Visible on Aerial Imagery (C9) \_\_\_ Stunted or Stressed Plants (D1) Drift Deposits (B3) Presence of Reduced Iron (C4) N/A-Recent Iron Reduction in Tilled Soils (C6) Algal Mat or Crust (B4) 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: Yes \_\_\_\_ No \_ > Depth (inches): Surface Water Present? Yes \_\_\_\_\_ No \_\_\_\_ Depth (inches): Water Table Present? Yes No Y Depth (inches): Wetland Hydrology Present? Yes \_\_\_\_\_ No \_\_\_\_\_ Saturation Present? (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

## VEGETATION - Use scientific names of plants.

	Absolute Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover Species? Status	Number of Dominant Species
1		That Are OBL, FACW, or FAC:
		That Ale OBE, I AOW, OI I AO.
2		Total Number of Dominant
3		Species Across All Strata: (B)
3		
4		Percent of Dominant Species
		That Are OBL, FACW, or FAC:
5		,
6		Prevalence Index worksheet:
7		Total % Cover of: Multiply by:
	C _ = Total Cover	OBL species x 1 =
150		
Sapling/Shrub Stratum (Plot size: '5' )		FACW species x 2 =
		FAC species x 3 =
1		FACU species x 4 =
2		·
		UPL species x 5 =
3		Column Totals: (A) (B)
4		
		Prevalence Index = B/A =
5		
6		Hydrophytic Vegetation Indicators:
		1 - Rapid Test for Hydrophytic Vegetation
7		
	= Total Cover	2 - Dominance Test is >50%
al		3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size:)		4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1. Lalera perenne	100 ch / FACU	data in Remarks or on a separate sheet)
,		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
2	· · · · · · · · · · · · · · · · · · ·	resistance ryuropity as a significant (=xipramy
3		Indicators of hydric soil and wetland hydrology must
		be present, unless disturbed or problematic.
4		
5		Definitions of Vegetation Strata:
6		Tree - Woody plants 3 in. (7.6 cm) or more in diameter
7		at breast height (DBH), regardless of height.
		A H / L L March of out of the Oliv DDH
8		Sapling/shrub – Woody plants less than 3 in. DBH
0		and greater than or equal to 3.28 ft (1 m) tall.
9		Herb – All herbaceous (non-woody) plants, regardless of
10		size, and woody plants less than 3.28 ft tall.
		Size, and woody plants loss than 5.20 it tall.
11		Woody vines - All woody vines greater than 3.28 ft in
12		height.
	took - Total Comm	
	= Total Cover	
Woody Vine Stratum (Plot size:)		
1		
2		Hydrophytic
		Vegetation
3		Present? Yes No
A		
<u> </u>		
	= Total Cover	
Remarks: (Include photo numbers here or on a separate	sheet )	
remarks. (molade priote hambers here of on a separate	onect.)	

Profile Desc	ription: (Describe to	the dept	h needed to docum	nent the ir	ndicator	or confirm	the absence	of indicators.)
Depth	Matrix			<u> Features</u>	· 1	. 2		
(inches)	Color (moist)	<u>%</u> .	Color (moist)	%	Type <sup>1</sup>	_Loc*	Texture	Remarks
<u>0-20</u>	10 YR 413	100					<u>s:L</u>	
						·		
		<del></del>						
		<del></del> ,						
		·						
		<del></del> .	<del></del>					
<u> </u>		•						
1Tunes C=Ce			Dadward Matrix MO				214'	Displace Links M-Matrix
Hydric Soil I	ncentration, D=Deple	uon, KM=	кеаисеа матлх, МS	=iviasked	sand Gra	uris.		: PL=Pore Lining, M=Matrix.  for Problematic Hydric Soils <sup>3</sup> :
Histosol			Polyvalue Below	/ Surface (	S8) (LRF	t R.		fuck (A10) (LRR K, L, MLRA 149B)
	ipedon (A2)		MLRA 149B)		,50) (=111	,		Prairie Redox (A16) (LRR K, L, R)
Black His			Thin Dark Surfac					flucky Peat or Peat (S3) (LRR K, L, R)
	n Sulfide (A4)	-	Loamy Mucky M			L)		Surface (S7) (LRR K, L, M)
	Layers (A5) Below Dark Surface	(Δ11)	Loamy Gleyed N Depleted Matrix					lue Below Surface (S8) (LRR K, L) ark Surface (S9) (LRR K, L)
	rk Surface (A12)	,,,,,, .	Redox Dark Sur					anganese Masses (F12) (LRR K, L, R)
	ucky Mineral (S1)		Depleted Dark S		7)			ont Floodplain Soils (F19) (MLRA 149B)
	leyed Matrix (S4)	-	Redox Depressi	ons (F8)				Spodic (TA6) (MLRA 144A, 145, 149B)
	edox (S5)							arent Material (F21)
	Matrix (S6) face (S7) (LRR R, MI	RA 149B	)					hallow Dark Surface (TF12) (Explain in Remarks)
			,				0.1101 (	(Explain in Normality)
	hydrophytic vegetation	n and wet	land hydrology must	be preser	nt, unless	disturbed	or problematic	».
	ayer (if observed):							
Type:	~/A						_	<b>~</b> 1
Depth (inc	hes):						Hydric Soil	Present? Yes No
Remarks:								

## WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region City/County: Novana County Sampling Date: 5/ Project/Site: NG Batavia-Lockport Article VII State: NY Sampling Point: DP-019 Applicant/Owner: National Grid Section, Township, Range: Town of Look pert Investigator(s): James Ireland Landform (hillslope, terrace, etc.): Denestica Local relief (concave, convex, none): Concave Slope (%): 36 Subregion (LRR or MLRA): <u>LQR-L</u> Lat: <u>43./45683</u> Long: <u>-76.6986.99</u> Datum: NAD '83 Soil Map Unit Name: ad A - Odessa 5: by Clay learn , O to 3 perunt stopes NWI classification: Not classific Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No\_ SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Is the Sampled Area Hydrophytic Vegetation Present? within a Wetland? Hydric Soil Present? If yes, optional Wetland Site ID: \_ w に つのつ Wetland Hydrology Present? Remarks: (Explain alternative procedures here or in a separate report.) Dah Point For Wetland 007 **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) \_\_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) Saturation (A3) \_\_\_ Hydrogen Sulfide Odor (C1) Crayfish Burrows (C8) Water Marks (B1) \_\_\_ Saturation Visible on Aerial Imagery (C9) \_\_\_ Oxidized Rhizospheres on Living Roots (C3) \_ Sediment Deposits (B2) Presence of Reduced Iron (C4) \_\_ Stunted or Stressed Plants (D1) \_\_\_ Drift Deposits (B3) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Y Geomorphic Position (D2) \_\_ Thin Muck Surface (C7) Iron Deposits (B5) Shallow Aquitard (D3) ✓ Microtopographic Relief (D4) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5) Field Observations: Yes \_ K No \_\_\_\_ Depth (inches): /" Surface Water Present? Yes \_\_\_\_ No \_\_ Depth (inches): ` Water Table Present? Yes \_\_\_\_ No \_\_\_\_ Depth (inches): Wetland Hydrology Present? Yes X No \_ Saturation Present? (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

- 011 (011)			Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	<u>% Cover</u>	Species?	Status	Number of Dominant Species
1				That Are OBL, FACW, or FAC:
				(,,
2				Total Number of Dominant
3				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:(OOR (A/B)
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
		= Total Co		OBL species x 1 =
_	<del></del>	Total Co	/ei	i iii iii ii
Sapling/Shrub Stratum (Plot size: /5 )				FACW species x 2 =
				FAC species x 3 =
1				FACU species x 4 =
2				1
				UPL species x 5 =
3	-			Column Totals: (A) (B)
4				
5				Prevalence Index = B/A =
6				Hydrophytic Vegetation Indicators:
				↑ 1 - Rapid Test for Hydrophytic Vegetation
7				≥ 2 - Dominance Test is >50%
		= Total Co	/er	1
Herb Stratum (Plot size:				3 - Prevalence Index is ≤3.0¹
1. Lythoun salingia	60%	y	OBL	4 - Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet)
2. Phinamiles australis	20:6	ý	FACW	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
2. Tyngmins australis				
3. Seirpes cyperious	100	<u> </u>	OBL	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4. Expatorion pertoliation	stle	N	FACW	be present, unless disturbed or problematic.
·				Definitions of Variation Strates
5				Definitions of Vegetation Strata:
6		· · · · · · · · · · · · · · · · · · ·	- ——-	Tree – Woody plants 3 in. (7.6 cm) or more in diameter
		· · · · · · · · · · · · · · · · · · ·	- ——-	
6				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
6				Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
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6				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 or equal to 3.28 ft (1 m) tall.
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6	95%	= Total Cov	/er	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 or equal to 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.  Hydrophytic Vegetation
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								Sampling Form.
		to the dep	th needed to docun			or contirm	tne absence	of indicators.)
Depth (inches)	Matrix Color (moist)	%	Color (moist)	x Features %	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
		·						remano
0-12	10 YR 3/2	00%	7.5 Yr 5/6	90	<u> </u>	<u>M</u>	5:LC	
12.00	101/23/1	wools	7.5 YR516	40	<u> </u>	_/_		
		<del></del>						
								· · · · · · · · · · · · · · · · · · ·
<del></del>		• ——						
							•	
							<del></del>	
				<del></del>			<del></del>	<u> </u>
		letion, RM:	Reduced Matrix, MS	S=Masked	Sand Gra	ins.		: PL=Pore Lining, M=Matrix.
Hydric Soil								for Problematic Hydric Soils <sup>3</sup> :
Histosol			Polyvalue Belov		(S8) ( <b>LRR</b>	R,		Muck (A10) (LRR K, L, MLRA 149B)
	oipedon (A2)		MLRA 149B)		DD D MI	DA 440D\		Prairie Redox (A16) (LRR K, L, R)
	stic (A3) en Sulfide (A4)		Thin Dark Surface Loamy Mucky M			-		Mucky Peat or Peat (S3) (LRR K, L, R) Surface (S7) (LRR K, L, M)
	d Layers (A5)		Loamy Gleyed N			L)		National (S7) (LRR K, L, M)
	d Below Dark Surfac	e (A11)	Depleted Matrix		,		_	eark Surface (S9) (LRR K, L)
	ark Surface (A12)	,	Redox Dark Sur					anganese Masses (F12) (LRR K, L, R)
	lucky Mineral (S1)		Depleted Dark S		7)			ont Floodplain Soils (F19) (MLRA 149B)
Sandy G	Bleyed Matrix (S4)		Redox Depressi	ions (F8)		,	Mesic	Spodic (TA6) (MLRA 144A, 145, 149B)
	Redox (S5)							arent Material (F21)
	Matrix (S6)							shallow Dark Surface (TF12)
Dark Su	rface (S7) (LRR R, N	/ILRA 149E	3)				Other	(Explain in Remarks)
3Indicators of	f bydrophytic yeaetal	tion and we	tland hydrology mus	t ha praca	nt unlace	disturbed a	or problematic	<u>,                                      </u>
	Layer (if observed):		tiand nyurology mus	t be prese	int, unicss	disturbed	or problemand	
Type:	N/A							
Depth (inc	1.4						Hydric Soil	Present? Yes Y No No
	cries)						nyuric soil	Presentr tesNo
Remarks:								
ı								
1								
								•

WEILAND DETERMINATION DATA P	OKW – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII Ci	ity/County: Ningara Sampling Date: 8/12/14
Applicant/Owner: National Grid	State: NY Sampling Point: DP- 6:00
	ection, Township, Range: Town of Lenkowl
,	I relief (concave, convex, none): Concave Slope (%): 24
Subregion (LRR or MLRA): LRQ-L Lat: 43.14/57/	
Soil Map Unit Name: CIA - Churchuille sill loam - Ot 2pu	
Are climatic / hydrologic conditions on the site typical for this time of year	•
Are Vegetation $N$ , Soil $N$ , or Hydrology $N$ significantly di	
Are Vegetation , Soil , or Hydrology naturally problem	
Are vegetation, on right longy naturally problem	(If needed, explain any answers in Nemarks.)
SUMMARY OF FINDINGS – Attach site map showing s	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 _ X No	If yes, optional Wetland Site ID: ししついち
Remarks: (Explain alternative procedures here or in a separate report.)	
Dala Pent for Welland -0	08
Vaire	
HYDROLOGY	en en en en en en en en en en en en en e
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)	<u>↑</u> Surface Soil Cracks (B6)
Surface Water (A1) Water-Stained Le	<del></del> - , , ,
High Water Table (A2) Aquatic Fauna (B	
Saturation (A3) Marl Deposits (B1	· · · · · · · · · · · · · · · · · · ·
<pre> Water Marks (B1) Hydrogen Sulfide Sediment Deposits (B2) Oxidized Rhizosp</pre>	Odor (C1) Crayfish Burrows (C8)  pheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Redu	
<del></del>	uction in Tilled Soils (C6) Y Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surfac	ce (C7) Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7) Other (Explain in	· · · · · · · · · · · · · · · · · · ·
Sparsely Vegetated Concave Surface (B8)	X FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present?  Yes NoX Depth (inches):=  Water Table Present?  Yes NoX Depth (inches):=	
Water Table Present?  Yes No _★ Depth (inches):  Saturation Present?  Yes No ★ Depth (inches):	The state of the s
(includes capillary fringe)	
Describe Recorded Data (stream gauge, monitoring well, aerial photos,	previous inspections), if available:
·	
Remarks:	
,	
	1

V	FGFT	ATION -	Use	scientific	names	٥f	nlante
v		~	030	30161111110	110111103	O.	pianto.

Sampling Point: DP- 020

Tree Stratum (Plot size: 30')	Absolute	Dominant I		Dominance Test worksheet:
		Species?		Number of Dominant Species
1				That Are OBL, FACW, or FAC:(A)
2				Total Number of Dominant
3				Species Across All Strata: (B)
4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC:
6		<del></del> -	_,	Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
,		= Total Cove	r	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15")				FACW species x 2 =
1. Fraxines pennsylvanien	1006	<u> </u>	FACY	FAC species x 3 =
2. Aver sarcharinm				FACU species x 4 =
<b>1</b>				UPL species x 5 =
3				Column Totals: (A) (B)
4				Barrelana Indones B/A
5				Prevalence Index = B/A =
6				Hydrophytic Vegetation Indicators:
7				★ 1 - Rapid Test for Hydrophytic Vegetation
		= Total Cove		2 - Dominance Test is >50%
Herb Stratum (Plot size: 5')		- Total Cove	•	3 - Prevalence Index is ≤3.0 <sup>1</sup>
1. Bidus francosc	40 %	y Yorks	FACW	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
2. Lythrum Salicaria	304	Y 3056	CBC	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
2. Cymrom sacraria	- 55/			
3. Typha angustifile	25 70	1 250	013C	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
4				
5				Definitions of Vegetation Strata:
6				Tree – Woody plants 3 in. (7.6 cm) or more in diameter
7				at breast height (DBH), regardless of height.
8				Sapling/shrub – Woody plants less than 3 in. DBH
				and greater than or equal to 3.28 ft (1 m) tall.
9				Herb All herbaceous (non-woody) plants, regardless of
10	-			size, and woody plants less than 3.28 ft tall.
11				Woody vines - All woody vines greater than 3.28 ft in
12				height.
	95%	= Total Cove	г	
Woody Vine Stratum (Plot size: 30')		•	:	
l control of the cont	35%	y <del>P</del>	FAC_	
1. Uhs ripaun	<u>۵ رک _</u>	<u> 174E</u> .	<i>t/H</i>	Hydrophytic
2				Vegetation
3				Present? Yes No
4.				
	200/	= Total Cove		
Remarks: (Include photo numbers here or on a separate		- Total Cove		
Tremarks. (moduce photo numbers here of our a separate	311661.)			

Profile Description: (Describe to the de	oth needed to docum	ent the i	ndicator	or confirm	the absence	of indicators.)
Depth Matrix		Features				
(inches) Color (moist) %	Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks
0-12 10 VR3/2 70	7.5 yr9/6	30	C	m	Si L	
12-20 love 3/2 60	7.5 75	25		M		
	10 V( 3/2	15	C	m	Clay	
	-					
<sup>1</sup> Type: C=Concentration, D=Depletion, RN	=Reduced Matrix, MS	=Masked	Sand Gra	ains.		PL=Pore Lining, M=Matrix.
Hydric Soil Indicators:			(00) <i>(</i> 5 = =			for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1) Histic Epipedon (A2)	Polyvalue Below MLRA 149B)	Surface	(S8) ( <b>LRF</b>	RR,		uck (A10) ( <b>LRR K, L, MLRA 149B</b> ) Prairie Redox (A16) ( <b>LRR K, L, R</b> )
Black Histic (A3)	Thin Dark Surfac	e (S9) (L	RR R. MI	.RA 149B)		ucky Peat or Peat (S3) (LRR K, L, R)
Hydrogen Sulfide (A4)	Loamy Mucky Mi					urface (S7) (LRR K, L, M)
Stratified Layers (A5)	Loamy Gleyed M			•		ue Below Surface (S8) (LRR K, L)
Depleted Below Dark Surface (A11)	Depleted Matrix				Thin Da	ark Surface (S9) (LRR K, L)
Thick Dark Surface (A12)	X Redox Dark Surf					inganese Masses (F12) (LRR K, L, R)
Sandy Mucky Mineral (S1)	Depleted Dark S		7)		Piedmo	nt Floodplain Soils (F19) (MLRA 149B)
Sandy Gleyed Matrix (S4)	Redox Depression	ons (F8)				Spodic (TA6) ( <b>MLRA 144A, 145, 149B</b> )
Sandy Redox (S5)						rent Material (F21)
Stripped Matrix (S6)						nallow Dark Surface (TF12)
Dark Surface (S7) (LRR R, MLRA 149	B)				Other (I	Explain in Remarks)
<sup>3</sup> Indicators of hydrophytic vegetation and w	etland hydrology must	be prese	nt, unless	disturbed	or problematic.	
Restrictive Layer (If observed):						
Depth (inches):					Hydric Soil	Present? Yes V No
Remarks:						
						Y

WEILAND DETERMINATION DATA FO	KM – Northcentral and Northeast Region
	County: N:ngaca Sampling Date: 8/12/
Applicant/Owner: National Grid	State: NY Sampling Point: DP
Investigator(s): Jany Laland Bryan Avada Sect	
Λ	elief (concave, convex, none): <u>Convex</u> Slope (%): 24,
Subregion (LRR or MLRA): 1.00-L Lat: 43.141918	114 - 100
Soil Map Unit Name: CIA - Churchy: le Silliam, On 2 pe	
Are climatic / hydrologic conditions on the site typical for this time of year?	
Are Vegetation $N$ , Soil $N$ , or Hydrology $N$ significantly distu	irbed? Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology naturally problem	
SUMMARY OF FINDINGS – Attach site map showing sar	mpling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No 🏋	Is the Sampled Area
Hydric Soil Present? Yes No 🌱	within a Wetland? Yes <u>&amp;</u> No X
Wetland Hydrology Present? Yes No	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	
01111 216 (16)	800 /
Opland dah point Cor Week	A. V .
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 Leave	es (B9) Drainage Patterns (B10)
High Water Table (A2) Aquatic Fauna (B13	1
Saturation (A3) Marl Deposits (B15)	·
Water Marks (B1) Hydrogen Sulfide Od Sediment Deposits (B2) Oxidized Rhizosphe	dor (C1) Crayfish Burrows (C8) res on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Oxidized (Mizespile Oxidized (Mizespile)	- · · · —
	on 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 Re	emarks) Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No _Y Depth (inches): ~	
Water Table Present?  Yes No Depth (inches): ~  Saturation Present?  Yes No Depth (inches): ~	Wetland Hydrology Present? Yes <u>**</u> No <u>**</u>
(includes capillary fringe)	·
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pr	evious inspections), if available:
Remarks:	
,	

## **VEGETATION** – Use scientific names of plants.

·			
Tree Stratum (Plot size: 30')		Dominant Indicate Species? Status	Dominance Test Worksneet:
			Number of Dominant Species
1			That Are OBL, FACW, or FAC: (A)
2			Total Number of Dominant
3			Species Across All Strata: (B)
			<del></del> · · ·
4	<del></del>		Percent of Dominant Species     That Are OBL. FACW. or FAC:  Oclo (A/B)
5			That Are OBL, FACW, or FAC: (A/B)
6			Prevalence Index worksheet:
7			Total % Cover of: Multiply by:
,		= Total Cover	OBL species x1 =
Sapling/Shrub Stratum (Plot size:151)			FACW species x 2 =
1			FAC species x 3 =
			FACU species x 4 =
2			UPL species x 5 =
3			Column Totals: (A) (B)
4		•	Column Totals(A)(B)
5			Prevalence Index = B/A =
6			Hydrophytic Vegetation Indicators:
			1 - Rapid Test for Hydrophytic Vegetation
7			2 - Dominance Test is >50%
.1		= Total Cover	3 - Prevalence Index is ≤3.01
Herb Stratum (Plot size:)			4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1. (enfavren stoebe	400%		data in Remarks or on a separate sheet)
2. Phlerm probesse			<del>-</del>
3. Davers carota	30le	y UPL	_ Indicators of hydric soil and wetland hydrology must _ Indicators of hydric soil and wetland hydrology must _ Indicators of hydric soil and wetland hydrology must _ Indicators of hydric soil and wetland hydrology must _ Indicators of hydric soil and wetland hydrology must _ Indicators of hydric soil and wetland hydrology must _ Indicators of hydric soil and wetland hydrology must _ Indicators of hydric soil and wetland hydrology must _ Indicators of hydric soil and wetland hydrology must _ Indicators of hydric soil and wetland hydrology must _ Indicators of hydric soil and wetland hydrology must _ Indicators of hydric soil and wetland hydrology must _ Indicators of hydric soil and wetland hydrology must _ Indicators of hydric soil and wetland hydrology must _ Indicators of hydrology must
4. Solidago canaders-s		Y FAC	be present, unless disturbed or problematic.
_		•	Definitions of Vegetation Strata:
5			_
6			Tree – Woody plants 3 in. (7.6 cm) or more in diameter
7			at breast height (DBH), regardless of height.
8			Sapling/shrub - Woody plants less than 3 in. DBH
			and greater than or equal to 3.28 ft (1 m) tall.
9			Herb – All herbaceous (non-woody) plants, regardless of
10			size, and woody plants less than 3.28 ft tall.
11			
12.			Woody vines – All woody vines greater than 3.28 ft in
14.	red		height.
	130%	= Total Cover	
Woody Vine Stratum (Plot size:)		•	
1.			
2			Hydrophytic
2			─ Vegetation Present? Yes No
3			Present? Yes No
4			<u> </u>
		= Total Cover	·
Remarks: (Include photo numbers here or on a separate	sheet.)		
Exotled Anapared in an invoice theafor it was not included in	and of	ver not hav	e an iondister status
spoule !	-	/	,
there we it was not included in	n Kotu	Cover.	
MOUNT IN THE MINISTER WAS		- <del>-</del>	

Depth	Matrix	to the de	oth needed to docum	ent tne i Feature		or contirm	the absence	of indicators.)
(inches)	Color (moist)	%	Color (moist)	<u>%</u>	Type <sup>1</sup>	_Loc²	Texture	Remarks
D- 12	10 m 4/3	85	10 yr 5/8	15	C	M	Si L	
	, <del>,,,,</del>		1-/1-/2				<u> </u>	
								_
				. ,				
			•					
							<del></del>	
						-		
<sup>1</sup> Type: C=Co	oncentration, D=Dep	letion, RM	=Reduced Matrix, MS	=Masked	Sand Gra	ains.	<sup>2</sup> Location:	PL=Pore Lining, M=Matrix.
Hydric Soil			<u> </u>					for Problematic Hydric Soils³:
Histosol	(A1)		Polyvalue Below	Surface	(S8) (LRF	R,	2 cm M	luck (A10) (LRR K, L, MLRA 149B)
	oipedon (A2)		MLRA 149B)					Prairie Redox (A16) ( <b>LRR K, L, R</b> )
Black Hi			Thin Dark Surface					lucky Peat or Peat (S3) (LRR K, L, R)
	n Sulfide (A4)		Loamy Mucky M			, L)		urface (S7) (LRR K, L, M)
	l Layers (A5) d Below Dark Surfac	o (A11)	Loamy Gleyed M	-	)			lue Below Surface (S8) (LRR K, L)
	ark Surface (A12)	e (ATT)	Depleted Matrix Redox Dark Surf					ark Surface (S9) (LRR K, L) anganese Masses (F12) (LRR K, L, R)
	fucky Mineral (S1)		Depleted Dark S		7)			ont Floodplain Soils (F19) (MLRA 149B)
	Bleyed Matrix (S4)		Redox Depression	•	•			Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy R	tedox (S5)							arent Material (F21)
	Matrix (S6)							hallow Dark Surface (TF12)
Dark Su	rface (S7) (LRR R, N	ILRA 149	В)				Other (	Explain in Remarks)
<sup>3</sup> Indicators of	f hydrophytic vegetat	ion and w	etland hydrology must	he prese	ent. unless	disturbed	or problematic	
	Layer (if observed):		Januari Tryan Grogy Triade	50 p.000		- GIOTAL DOG	7	-
_	ompa Ction							
Depth (inc	1 1 211						Hydric Soil	Present? Yes No X
Remarks:	5110071						Tiyanio con	1000111 100 1101
i veriiai ka.								

WEILAND DETERMINATION DATA FO	NIN - Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII City/	County: Ladget Magara Sampling Date: 8/17/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP- 636
Investigator(s): 5 may Intend   Bixen Mine Section	tion, Township, Range: Town of Lockport
Landform (hillslope, terrace, etc.): Dingerson Local re	
Subregion (LRR or MLRA): <u> </u>	
Soil Map Unit Name: HIA- Hillen Silt loam, Gre 3 percent she	
Are climatic / hydrologic conditions on the site typical for this time of year?	
Are Vegetation N, Soil N, or Hydrology N significantly distu	•
Are Vegetation	· · · · · · · · · · · · · · · · · · ·
The Vegetation , Soil, or Hydrology Hattitally problem	tatio: (ii riedudu, explain any answers in Nemaiks.)
SUMMARY OF FINDINGS – Attach site map showing sal	mpling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No	Is the Sampled Area
Hydric Soil Present? Yes _ 🔀 No	within a Wetland? Yes X No
Wetland Hydrology Present? YesX No	If yes, optional Wetland Site ID: UL -069
Remarks: (Explain alternative procedures here or in a separate report.)	
TEN Dalu point for Welland 009	
, , , , ,	
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	· · · · · · · · · · · · · · · · · · ·
Saturation (A3) Marl Deposits (B15)	
Water Marks (B1) Hydrogen Sulfide Oi Sediment Deposits (B2) Oxidized Rhizosphe	dor (C1) Crayfish Burrows (C8) pres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduce	· · · · · · · · · · · · · · · · · · ·
	ion in Tilled Soils (C6)
Iron Deposits (B5) Thin Muck Surface (	· · · · · · · · · · · · · · · · · · ·
Inundation Visible on Aerial Imagery (B7) Other (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 NoX Depth (inches): '	Wetland Hydrology Present? Yes <u>X</u> No
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photos, pr	evious inspections), if available:
	, ,
Remarks:	
	·
1	1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)										
Depth	Matrix		Redo	x Feature	s					
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture		Remarks	
0-15	10 Vr 3/2	75	2.5 Yr7	25	(	M	5116			
	10/-/-		<del></del>				<u> </u>	·		
							· <del></del>			
	· · · · · · · · · · · · · · · · · · ·						. ———			·····
										(
							·		•	
-										
<del></del>										
	oncentration, D=Deple	etion, RM	=Reduced Matrix, MS	=Masked	Sand Gr	ains.	<sup>2</sup> Location	: PL=Pore	Lining, M=Mat	rix.
Hydric Soil	Indicators:						Indicators	for Proble	matic Hydric	Soils³:
Histosol	(A1)		Polyvalue Belov	v Surface	(S8) (LRF	R,	2 cm N	/luck (A10)	(LRR K, L, ML	RA 149B)
Histic E	oipedon (A2)		MLRA 149B)					Prairie Red	ox (A16) ( <b>LRR</b>	K, L, R)
	stic (A3)		Thin Dark Surfa	ce (S9) (I	RR R, MI	LRA 149B			or Peat (S3) (L	
	n Sulfide (A4)		Loamy Mucky M			, L)			(LRR K, L, M	
	d Layers (A5)		Loamy Gleyed N		2)				Surface (S8) (L	
	d Below Dark Surface	(A11)	Depleted Matrix						(S9) (LRR K,	
	ark Surface (A12)		X Redox Dark Sur						Masses (F12) (	
	fucky Mineral (S1)		Depleted Dark S	•	·7)					(MLRA 149B)
	Gleyed Matrix (S4)		Redox Depressi	ons (F8)					6) (MLRA 144	A, 145, 149B)
	ledox (S5)							arent Mater		
	Matrix (S6)		•						Surface (TF1	<sup>2)</sup>
Dark Su	rface (S7) ( <b>LRR R, M</b> I	LRA 1491	3)				Other	(Explain in f	Remarks)	
31	f buduan budia saadada			. h		اد د داد د اد د اد		_		
	f hydrophytic vegetation for the comment of the com	on and we	atiana nyarology mus	t be prese	ent, uniess	aisturbea	or problemation	). 		344.00
Restrictive										
	10, 11								V	
Depth (in	ches):	<del></del>					Hydric Soil	Present?	Yes X	No
Remarks:	•									
	•									
										, e ·
							•			**

WEILAND DETERMINATION DATA FOR	NW - Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII City/C	County: Niagara Sampling Date: \$//3/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP-027
Investigator(s): Jany England Bryan Nonto. Section	
Landform (hillslope, terrace, etc.): L://slope Local rel	
Subregion (LRR or MLRA): LRR-L Lat: 43.146252	Long: -78 630 497 Datum: NAD '83
Soil Map Unit Name: HIA - Hillum Sile loam Oto 3 perent >	
Are climatic / hydrologic conditions on the site typical for this time of year?	•
Are Vegetation, Soil, or Hydrology significantly distur	· · · · · · · · · · · · · · · · · · ·
Are Vegetation, Soil, or Hydrology naturally problems	
The vegetation, or rightness y naturally problems	(ii fieeded, explain any answers in remarks.)
SUMMARY OF FINDINGS – Attach site map showing sam	npling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No 1/2	is the Sampled Area
Hydric Soil Present? Yes No >	within a Wetland? Yes No 🗴
Wetland Hydrology Present? Yes No x	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	
Upland Point For Welland Or	na
print to Nevandi Vi	79
LIVEROLOGY	
HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1)  Water Stained Leges	Surface Soil Cracks (B6)
Surface Water (A1) Water-Stained Leave  High Water Table (A2) Aquatic Fauna (B13)	<u> </u>
Saturation (A3)  Marl Deposits (B15)	Dry-Season Water Table (C2)
Water Marks (B1) Hydrogen Sulfide Od	
· ·	es on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduced	I Iron (C4) Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4) Recent Iron Reductio	· · · · · · · · · · · · · · · · · · ·
Iron Deposits (B5) Thin Muck Surface (C	, , , ,
Inundation Visible on Aerial Imagery (B7) Other (Explain in Ren	
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:  Surface Water Present?  Yes No _X _ Depth (Inches):	
Water Table Present? Yes No Depth (inches): -	
Saturation Present? Yes No Depth (inches):	Wetland Hydrology Present? Yes No X
(includes capillary fringe)	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre	vious inspections), if available:
Remarks:	
	and the second s

<b>VEGETATION -</b>	Use	scientific names	of	plants.
---------------------	-----	------------------	----	---------

	Absolute	Dominant	Indicator	
Tree Stratum (Plot size: 32')		Species?		Dominance Test worksheet:
				Number of Dominant Species
1			· <u> </u>	That Are OBL, FACW, or FAC: (A)
2				Total Number of Dominant
3				Species Across All Strata: (B)
<b>5.</b>				(=)
4			. ——.	Percent of Dominant Species That Are OBL FACW or FAC
5				That Are OBL, FACW, or FAC: (A/B)
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
	Ø	= Total Cov	/er	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15 )		1010.00	. •.	FACW species x 2 =
l 1	. 1		_	
1. Conicera morrow:	1506	<u> </u>	FACV	FAC species x 3 =
2				FACU species x 4 =
				UPL species x 5 =
3				Column Totals: (A) (B)
4				
5				Prevalence Index = B/A =
6				Hydrophytic Vegetation Indicators:
				1 - Rapid Test for Hydrophytic Vegetation
7				2 - Dominance Test is >50%
,	15%	= Total Cov	/er	· .
Herb Stratum (Plot size:)				3 - Prevalence Index is ≤3.01
1. Selidação caradonsis	80%	Y	FAR	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
2. Davois carota	30%	У	UPL	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Poacoe Sp.	5006		. <del></del>	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4.				be present, unless disturbed or problematic.
			. ——	Definitions of Vegetation Strata:
5			. ——	Dominions of regulation circuit.
6				Tree – Woody plants 3 in. (7.6 cm) or more in diameter
7				at breast height (DBH), regardless of height.
				Sapling/shrub – Woody plants less than 3 in. DBH
8				and greater than or equal to 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				Woody vines – All woody vines greater than 3.28 ft in
12				height.
	110	= Total Cov	/OT	
• •	110	- Total Co	761	
Woody Vine Stratum (Plot size:)				
1,				
2				Hydrophytic
2				Vegetation Present? Yes No
3				Present? Yes No
4.				
	a	= Total Cov		
		= Total Cov	/er	
Remarks: (Include photo numbers here or on a separate	sheet.)			
<u>`</u>				
Poaceae warm + able to be iden	4//	A		
Touceae warm + able to be redu	lifie o	lown to	yecun	Theofore not included
in latel percent cover	•		,	
me nous percent cover				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth .	Matrix		Redo	x Features	3 .			
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup>	<u>Texture</u>	Remarks
O~8	10 V1 4/3	100			<b>H</b>		5 L	
<u> </u>	<del>, , , , , , , , , , , , , , , , , , , </del>	<del>,</del> -						
							-	
	<del></del>							
· · ·						<del></del>		
								•
<del></del> -								
	ncentration, D=Depl	etion, RM=I	Reduced Matrix, MS	S=Masked	Sand Gra	ins.		: PL=Pore Lining, M=Matrix.
Hydric Soil In	idicators:						Indicators	for Problematic Hydric Soils <sup>3</sup> :
Histosol (/	A1)	_	Polyvalue Belov	v Surface	(S8) (LRF	R,	2 cm N	/luck (A10) (LRR K, L, MLRA 149B)
Histic Epi	pedon (A2)		MLRA 149B)	1			Coast	Prairie Redox (A16) (LRR K, L, R)
Black Hist	tic (A3)	_	Thin Dark Surfa	ce (S9) (L	RR R, ML	.RA 149B)	5 cm N	flucky Peat or Peat (S3) (LRR K, L, R)
Hydrogen	Sulfide (A4)		Loamy Mucky M	lineral (F1	) (LRR K,	L)	Dark S	Surface (S7) (LRR K, L, M)
Stratified I	Layers (A5)	_	Loamy Gleyed I	Matrix (F2)	)		Polyva	lue Below Surface (S8) (LRR K, L)
Depleted	Below Dark Surface	(A11)	Depleted Matrix	(F3)			Thin D	ark Surface (S9) (LRR K, L)
Thick Dar	k Surface (A12)		Redox Dark Sur	rface (F6)				anganese Masses (F12) (LRR K, L, R)
****	ıcky Mineral (S1)	_	Depleted Dark S		7)			ont Floodplain Soils (F19) (MLRA 149B)
	eyed Matrix (S4)	_	Redox Depressi	_	•			Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy Re		_		· · · · · · · · · · · · · · · · · · ·				arent Material (F21)
	Matrix (S6)							hallow Dark Surface (TF12)
	ace (S7) (LRR R, M	I RA 149R)						(Explain in Remarks)
Dark Garri	200 (O1) (E141414, III	LIGH 140D)					0.1101	(Explain in Remains)
3Indicators of h	nydrophytic vegetati	on and wet	and hydrology mus	t ha nraca	nt unlace	disturbed	or problematic	
	yer (if observed):		and hydrology mus	t be prese	nt, unioss	distarbed	T problemane	,
	Rech							
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		· · · · · · · · · · · · · · · · · · ·						~
Depth (inch	nes): <i>&amp;"</i>						Hydric Soil	Present? Yes No X
Remarks:					-			
								*
			•					
	÷							

WEILAND DETERMINATION DATA FORM — Northcentral and Northeast Region	
Project/Site: NG Batavia-Lockport Article VII City/County: N: 1560 Sampling Date	te: 8/13/19
Applicant/Owner: National Grid State: NY Sampling F	Point: DP- 699
Investigator(s): Jamy Inland 1 Bigen Marie Section, Township, Range: Town of Lackport	
/	Slope (%):
	atum: NAD '83
Soil Map Unit Name: C/A- Chushv: Ne sit lean C to 2 percent sleves NWI classification: N.L	_
Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)	
Are Vegetation $\underline{\mathcal{N}}$ , Soil $\underline{\mathcal{N}}$ , or Hydrology $\underline{\mathcal{N}}$ significantly disturbed? Are "Normal Circumstances" present? Yes	> No
Are Vegetation, Soil, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.	
nationally and the following for the following and the following a	,
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important	features, etc.
Hydrophytic Vegetation Present?  Yes _ k No Is the Sampled Area	
Hydric Soil Present? Yes K 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.)	
DEM, Welland 010	
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)  Marl Deposits (B15) Dry-Season Water Table (C	20)
Water Marks (B1) Hydrogen Sulfide Odor (C1) Crayfish Burrows (C8)	<i>"</i> "
Value Marks (31) Crayish Burlows (35) 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	1
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 (December 1)	4)
Sparsely Vegetated Concave Surface (B8)	Ì
Field Observations:	
Surface Water Present? Yes No _x Depth (inches): -	
Water Table Present? Yes No Depth (inches):	N.
Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes X	No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks:	
	İ
	·

Tree Stratum (Plot size: 301 )	Absolute Dominant Indicator % Cover Species? Status	Dominance Test worksheet:
1		Number of Dominant Species That Are ORL FACW or FAC:  (A)
i		That Are OBL, FACW, or FAC: (A)
2		Total Number of Dominant
3		Species Across All Strata: (B)
4	- <del> </del>	Percent of Dominant Species That Are OBL, FACW, or FAC: 75% (A/B)
5		That Are OBL, FACW, or FAC:/S^(O) (A/B)
6		Prevalence Index worksheet:
7		Total % Cover of:Multiply by:
	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15')		FACW species x 2 =
l 1	and V -	FAC species x 3 =
1. Apacynum canantinum		FACU species x 4 =
2		UPL species x 5 =
3		Column Totals: (A) (B)
4		
5		Prevalence Index = B/A =
6		Hydrophytic Vegetation Indicators:
		1 - Rapid Test for Hydrophytic Vegetation
7		2 - Dominance Test is >50%
Herb Stratum (Plot size:	<u> 3ර°ර</u> = Total Cover	3 - Prevalence Index is ≤3.0 <sup>1</sup>
1. Dhra miles avstrals	GOD Y FACY	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
2. Lychum salicaria		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
		1.
3. M'elilahs officinalis	/	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
4		
5		Definitions of Vegetation Strata:
6		Tree – Woody plants 3 in. (7.6 cm) or more in diameter
7	<u> </u>	at breast height (DBH), regardless of height.
8		Sapling/shrub - Woody plants less than 3 in. DBH
9		and greater than or equal to 3.28 ft (1 m) tall.
		Herb - All herbaceous (non-woody) plants, regardless of
10		size, and woody plants less than 3.28 ft tall.
11		Woody vines – All woody vines greater than 3.28 ft in
12		height.
	<u> 140%</u> = Total Cover	
Woody Vine Stratum (Plot size: 36')		,
1		
2		Hydrophytic
3		Vegetation   Present?   Yes No
J.		7
4		
	= Total Cover	
Remarks: (Include photo numbers here or on a separate	sheet.)	

Drofile Door	windlaws (Deparths	4-46-4-	-6h naadad 6a dagu				n the sharpes	of Indianta		
1		to the de	oth needed to docur			or contirn	n the absence	of indicato	rs.)	
Depth (inches)	Matrix Color (moist)	<u></u> %	Color (moist)	<u>x Feature</u> %	<u>S</u> _Type <sup>1</sup>	Loc <sup>2</sup>	Texture		Remarks	
7-17	101103/	20	7.5 V5 4/6	30	7	100	1 (	-	, romano	
212	10y1 72	<u>. 10</u>	7.3 yr 76	-50	<u></u>	<u>                                      </u>	<u> </u>			<u> </u>
2-20	10'vr 3/2	60	1,5 yr 46	23						
	7		5 VC 510	15	<	m	1'			
			7/1/8	<u> </u>		<u> </u>			·	
	· · · · · · · · · · · · · · · · · · ·									
										<del></del>
										<u> </u>
			<del></del>							
<u>/*</u>										
¹Type: C=Co	oncentration, D=Dep	letion, RM	=Reduced Matrix, MS	S=Masked	Sand Gr	ains.	<sup>2</sup> Location	: PL=Pore l	_ining, M=Matı	rix.
Hydric Soil I							Indicators	for Probler	natic Hydric S	Solls³:
Histosol	(A1)		Polyvalue Belov	v Surface	(S8) (LR	RR,	2 cm N	luck (A10) (	LRR K, L, ML	RA 149B)
Histic Ep	ipedon (A2)		MLRA 149B)	)			Coast	Prairie Redo	x (A16) (LRR	K, L, R)
Black His			Thin Dark Surfa					-	or Peat (S3) (L	
	n Sulfide (A4)		Loamy Mucky N			., <b>L</b> )			(LRR K, L, M)	
_	Layers (A5)		Loamy Gleyed		!)				urface (S8) (L	
	l Below Dark Surfac	e (A11)	Depleted Matrix						(S9) (LRR K,	
I	irk Surface (A12) lucky Mineral (S1)		Redox Dark Sur Depleted Dark S						lasses (F12) (I	(MLRA 149B)
	leyed Matrix (S4)		Redox Depress		'')			-	6) (MLRA 144/	
	edox (S5)		Nedox Bopicoo	10110 (1 0)				arent Materi		4, 110, 1102,
	Matrix (S6)								Surface (TF1:	2)
	face (S7) (LRR R, N	/ILRA 149	В)					(Explain in F		•
			etland hydrology mus	t be prese	ent, unles	s disturbed	l or problemation	<b>).</b>		
Restrictive L	.ayer (if observed):									
Type:	NIA		•				1		Α.,	
Depth (inc	thes):						Hydric Soil	Present?	Yes	No
Remarks:					······································					
ļ										
Ī										

	RM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII  Applicant/Owner: National Grid  Investigator(s): The Many Laborated Section Section City/Company Laborated Section Section City/Company Laborated Section City/Company Lab	County: 1/2000 Sampling Date: 8//3//9
Applicant/Owner National Grid	State: NY Sampling Point: DP- 636
Investigator(s): Town Toland Section	on Township Range Town of Call and
Landform (hillslope, terrace, etc.): Terrace Local rel	inf (concey) convex none): (contest Signa (%): 70/
Subregion (LRR or MLRA):	
Soil Map Unit Name: CIA- Churchville silv loam, Gro 2 pe	
Are climatic / hydrologic conditions on the site typical for this time of year? Y	
Are Vegetation $N$ , Soil $N$ , or Hydrology $N$ significantly distur	bed? Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology naturally problems	atic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map showing sam	pling point locations, transects, important features, etc.
Hydrophytic Vegetation Present?  Yes No \( \chi_{\text{N}} \)	Is the Sampled Area within a Wetland? Yes No >
Hydric Soil Present?  Yes X  No  Wetland Hydrology Present?  Yes No >	, , , , , , , , , , , , , , , , , , ,
Remarks: (Explain alternative procedures here or in a separate report.)	If yes, optional Wetland Site ID:
111122	
Upland Data Point Co, Welland	16
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 Leave	
High Water Table (A2) Aquatic Fauna (B13)	
Saturation (A3) Marl Deposits (B15)	Dry-Season Water Table (C2)
Water Marks (B1) Hydrogen Sulfide Od	
	es on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduced	
	n in Tilled Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surface (C	· · · · · · · · · · · · · · · · · · ·
Inundation Visible on Aerial Imagery (B7) Other (Explain in Ren Sparsely Vegetated Concave Surface (B8)	narks) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:	I AO-Nedital Test (D3)
Surface Water Present? Yes No _<_ Depth (inches):	
Water Table Present? Yes Nok Depth (inches):	
Saturation Present? Yes No _> Depth (inches):	Wetland Hydrology Present? Yes No
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre	vious inspections) if available:
Describe recorded bala (stream gauge, montaining well, actial photos, pro	vious inspections), it available.
Remarks:	
The state of the s	There is no seems to be used the second
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	The second section of the second seco
1	l l

	Abasluta	Doubleaut Indicates	T
Tree Stratum (Plot size: 36')	Absolute % Cover	Dominant Indicator Species? Status	Dominance Test worksheet:
			Number of Dominant Species
1			That Are OBL, FACW, or FAC: (A)
· ·			
2		<del></del>	Total Number of Dominant Species Across All Strate:  (B)
3		<u> </u>	Species Across All Strata: (B)
		•	· ·
4		<del></del>	Percent of Dominant Species That Are OBL, FACW, or FAC: 33 % (A/B)
5			That Are OBL, FACW, or FAC: (A/B)
ł			"
6			Prevalence Index worksheet:
7			Total % Cover of: Multiply by:
	Ø	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15 )			
Sapling/Shrub Stratum (Plot size: ()			FACW species x 2 =
1. Salix lasiolepis	cely	Y F40./	FAC species x 3 =
1. Dans lasiorepis			FACU species x 4 =
2			
			UPL species x 5 =
3			Column Totals: (A) (B)
4			
			Prevalence Index = B/A =
5,			Frevalence index - D/A -
			Hydrophytic Vegetation Indicators:
6			
7			1 - Rapid Test for Hydrophytic Vegetation
			2 - Dominance Test is >50%
	<u> </u>	= Total Cover	
Herb Stratum (Plot size:)			3 - Prevalence Index is ≤3.0¹
1. Phleum platense	70%	Y FACU	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
	14.4		
2. Centauren stocke	9096		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Dances carole	30%	V UPL	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
U. D GWCDA CHORA		<del></del>	be present, unless disturbed or problematic.
4			bo probatil, diffect distance of problematic.
5			Definitions of Vegetation Strata:
<u> </u>			
6			Tree - Woody plants 3 in. (7.6 cm) or more in diameter
			at breast height (DBH), regardless of height.
7			
8			Sapling/shrub - Woody plants less than 3 in. DBH
			and greater than or equal to 3.28 ft (1 m) tall.
9			
			Herb All herbaceous (non-woody) plants, regardless of
10			size, and woody plants less than 3.28 ft tall.
11			
		<u> </u>	Woody vines - All woody vines greater than 3.28 ft in
12			height.
	woola	= Total Cover	
A.1		10101 00101	
Woody Vine Stratum (Plot size: 3c1 )			
4			
I			Hardwanhadia
2.			Hydrophytic
			Vegetation Present? Yes No
3			Present? Yes NoX
<u> </u>			
	<u> </u>	= Total Cover	
Remarks: (Include photo numbers here or on a separate	sheet.)		<u> </u>
Transact (maida prioto hamboro noto or on a coparato	diloday		
Centourn steebe don not have	an enoli	vater status It	rerefere not included in
			<i>I</i>
totall perant correr.			
MILLIAN THE MANY COLO.			
'			

Profile Description: (Describe to the d	epth needed to document the indicator or confirm	the absence of indicators \
		the absence of indicators.)
Depth Matrix (inches) Color (moist) %	Redox Features Color (moist) % Type <sup>1</sup> Loc <sup>2</sup>	Texture Remarks
0-10 10×13/2 80	7.5 yr 4/6 20 C M	Si L
10 20 1-1 3/	710 71 78 00 1	31 -
10-10 10 yr 1/2 60	7.5 Vr 5/6 20	
/	10vc 5/6 20	CL
·		
		•
	<del></del>	
	· ·	· .
	M=Reduced Matrix, MS=Masked Sand 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) (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)	
Hydrogen Sulfide (A4)	Loamy Mucky Mineral (F1) (LRR K, L)	Dark Surface (S7) (LRR K, L, M)
Stratified Layers (A5) Depleted Below Dark Surface (A11)	Loamy Gleyed Matrix (F2)	Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L)
Thick Dark Surface (A12)	Depleted Matrix (F3)  * Redox Dark Surface (F6)	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)	Redox Depressions (F8)	Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy Redox (S5)		Red Parent Material (F21)
Stripped Matrix (S6)		Very Shallow Dark Surface (TF12)
Dark Surface (S7) (LRR R, MLRA 14	9B)	Other (Explain in Remarks)
	wetland hydrology must be present, unless disturbed	or problematic.
Restrictive Layer (if observed):		
Type:	<u>_</u>	,
Depth (inches): NIA	_	Hydric Soil Present? Yes No
Remarks:		

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII

Applicant/Owner: National Grid

Investigator(s): Township, Range: Town of Lockport

Sampling Date: 8/13/19

Sampling Date: 8/13/19

Sampling Date: 8/13/19

Sampling Date: 8/13/19

Sampling Date: 8/13/19

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Sampling Date: 8/13/19

Sampling Date: 8/13/19

Sampling Date: 8/13 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Condex Slope (%): Soil Map Unit Name: (1A - Churche: 16 5:14 learn , On Speccest slopes NWI classification: Not chassified Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Yes \_\_\_\_\_ No \_\_\_\_ No \_\_\_\_ Yes \_\_\_\_\_ No \_\_\_\_ X Is the Sampled Area Hydrophytic Vegetation Present? within a Wetland? Hydric Soil Present? Wetland Hydrology Present? If yes, optional Wetland Site ID:\_\_\_ Remarks: (Explain alternative procedures here or in a separate report.) Upland data pant for Welland 011 **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) \_\_\_ Drainage Patterns (B10) Surface Water (A1) Water-Stained Leaves (B9) \_\_\_ Moss Trim Lines (B16) High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) Saturation (A3) 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: Yes \_\_\_\_ No \_\_Y Depth (inches): ~x Surface Water Present? Yes \_\_\_\_ No \_ Y Depth (inches): ~ Water Table Present? Yes \_\_\_\_\_ No \_ P Depth (inches): ^ Wetland Hydrology Present? Yes \_\_\_\_ No \_\_\_\_ Saturation Present? (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

·				· · · · · · · · · · · · · · · · · · ·
Tree Stratum (Plot size: 36')	Absolute	Dominant		Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1		,		That Are OBL, FACW, or FAC: (A)
				(1)
2				Total Number of Dominant
3				Species Across All Strata: (B)
· ·			* * * * * * * * * * * * * * * * * * * *	
4			<del></del>	Percent of Dominant Species
5		- :		That Are OBL, FACW, or FAC: (A/B)
· · · · · · · · · · · · · · · · · · ·				
6			. <del></del>	Prevalence Index worksheet:
				1
7				Total % Cover of: Multiply by:
		= Total Cov	er	OBL species x 1 =
	<del></del>			FACW species x 2 =
Sapling/Shrub Stratum (Plot size: 15')				
1. Apocynum cannabinum	1006	у	FAC	FAC species x 3 =
<b>V</b> '				FACU species x 4 =
2				
2				UPL species x 5 =
3				Column Totals: (A) (B)
4				
				Prevalence Index = B/A =
5				
6				Hydrophytic Vegetation Indicators:
				1 - Rapid Test for Hydrophytic Vegetation
7				1 1
	100/0	= Total Cov	or.	∠ 2 - Dominance Test is >50%
-1	10 10	- Total Cov	Ci	3 - Prevalence Index is ≤3.01
Herb Stratum (Plot size:)				1 <del>-</del>
1. Erthania gramini Colin	70%	·Y	T-1 A	4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
			FAC	· · · · · · · · · · · · · · · · · · ·
2. Poncene so.	4000	_	-	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Rusus alleghorionsis	2006	У	~	1.
3. Kuhus allegheniensis	2000		<u> FACU</u>	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4				be present, unless disturbed or problematic.
				D. 5-10
5				Definitions of Vegetation Strata:
e				True Manda districts O in (7.6 cm) as seen in diameter
6				Tree – Woody plants 3 in. (7.6 cm) or more in diameter
7				at breast height (DBH), regardless of height.
				Sapling/shrub – Woody plants less than 3 in. DBH
8				and greater than or equal to 3.28 ft (1 m) tall.
9				and greater than or equal to 3.20 it (1 iii) tail.
				Herb – All herbaceous (non-woody) plants, regardless of
10				size, and woody plants less than 3.28 ft tall.
11				bibly and woody plants took man 5.25 it will
				Woody vines - All woody vines greater than 3.28 ft in
12				height.
	and.	~		
	9020	= Total Cov	er	
Woody Vine Stratum (Plot size:3o')				
Troody Time distant				
n				Hydrophytic
2				Vegetation
3.				Present? Yes No
4.				
•	Ø	= Total Cov	er	}
Demorker (Include whate numbers have as an a consiste			<del></del>	<u> </u>
Remarks: (Include photo numbers here or on a separate	sneet.)			
•				
				1
•				

Profile Descrip	tion: (Describe	to the dept	h needed to docur	nent the ir	ndicator	or confirm	n the absen	ice of indicators.)
Depth	Matrix Color (moist)	<del></del> -		x Features	T 1	12	Texture	De se culto
(inches)	10 -31		Color (moist)	<u> </u>	<u> Type</u>	_Loc <sup>2</sup>	C	Remarks
12 4 1	04/2	<u>. 100</u> .					25	
16	10 yr 12	<u>-</u>						
·	•							
								· · · · · · · · · · · · · · · · · · ·
		·					· · · · · · · · · · · · · · · · · · ·	
		· —— ·						
		- <del></del>						
Type: C=Conc	entration D=Den	letion RM=	Reduced Matrix, MS		Sand Gra	ins	<sup>2</sup> l ocat	ion: PL=Pore Lining, M=Matrix.
Hydric Soil Ind			Matrix, Mic	- musicu	Junia Ore			ors for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1	•	-	Polyvalue Belov		(S8) ( <b>LRR</b>	R,		m Muck (A10) ( <b>LRR K, L, MLRA 149B</b> )
Histic Epipe	• •		MLRA 149B)		00 D W	DA 440D		ast Prairie Redox (A16) (LRR K, L, R)
Black Histic Hydrogen S		-	Thin Dark Surfa Loamy Mucky N					n Mucky Peat or Peat (S3) (LRR K, L, R) k Surface (S7) (LRR K, L, M)
Stratified La		-	Loamy Gleyed I			-,		yvalue Below Surface (S8) (LRR K, L)
	elow Dark Surface	e (A11)	Depleted Matrix					n Dark Surface (S9) (LRR K, L)
	Surface (A12) ky Mineral (S1)	-	Redox Dark Sur Depleted Dark \$		7)			i-Manganese Masses (F12) (LRR K, L, R) dmont Floodplain Soils (F19) (MLRA 149B)
Sandy Gley	ed Matrix (S4)		Redox Depress		,			sic Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy Redo								Parent Material (F21)
Stripped Ma	atrix (S6) se (S7) ( <b>LRR R, N</b>	/ILRA 149B	)					y Shallow Dark Surface (TF12) er (Explain in Remarks)
_								
	er (if observed):		land hydrology mus	t be prese	nt, unless	disturbed	or problem	atic.
Type:	NH	'						
Depth (inche	s): <i>NIA</i>						Hydric S	oil Present? Yes No _X
Remarks:								
		•						

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII City/County: Minute Sampling Date: 8/13/19

Applicant/Owner: National Grid State: NY Sampling Point: DP-032 Landform (hillslope, terrace, etc.): Danage Local relief (concave, convex, none): Concavt Slope (%): 3 % Slope (%): 3 % Datum: NAD '83 Soil Map Unit Name: CIA - Churchy: le s:11 loom, O to 2 percent stopes NWI classification: Not classified Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Is the Sampled Area Yes Y No Hydrophytic Vegetation Present? within a Wetland? Yes Y No Hydric Soil Present? Yes 🗡 Wetland Hydrology Present? If yes, optional Wetland Site ID: Remarks: (Explain alternative procedures here or in a separate report.) PEM, Wesland 011 **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) x Drainage Patterns (B10) 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) \_\_\_ Crayfish Burrows (C8) Water Marks (B1) \_\_\_ Hydrogen Sulfide Odor (C1) 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 fron Reduction in Tilled Soils (C6) Iron Deposits (B5) Thin Muck Surface (C7) Shallow Aquitard (D3) X Microtopographic Relief (D4) Inundation Visible on Aerial Imagery (B7) \_\_ Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) ス FAC-Neutral Test (D5) Field Observations: Yes \_\_\_\_ No \_ Y Depth (inches): x Surface Water Present? Water Table Present? Yes \_\_\_\_ No X Depth (inches): X Wetland Hydrology Present? Yes X No \_\_\_\_ Yes \_\_\_\_ No \_ X Depth (inches): X Saturation Present? (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

Tree Stratum (Plot size: 30')	Absolute Dominant Indicato	1 Dominance Lest Worksheet:
	% Cover Species? Status	Number of Dominant Species
1		That Are OBL, FACW, or FAC: (A)
2		Total Number of Dominant
3		Species Across All Strata: (B)
4	-	Percent of Dominant Species
5	***	That Are OBL, FACW, or FAC: 1006 (A/B)
6		- Prevalence Index worksheet:
7		Total % Cover of: Multiply by:
1	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 151 )		FACW species x 2 =
1		FAC species x 3 =
2		FACU species x 4 =
		UPL species x 5 =
3		Column Totals: (A) (B)
4		_
5		Prevalence Index = B/A =
6		Hydrophytic Vegetation Indicators:
7		1 - Rapid Test for Hydrophytic Vegetation
	= Total Cover	X 2 - Dominance Test is >50%
	= Total Cover	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size: 5')  1. Phragm, ks australis	50.6 Y FACE	4 - Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet)
1 · · · · · · · · · · · · · · · · · · ·		
2. Lythum salicaria		<del>-</del>
3. Aelilohis officinals		
4. Euthania graminifolia	10% N EAC	be present, unless disturbed or problematic.
5. Pubus allephenous		Definitions of Vegetation Strata:
		_ Tree - Woody plants 3 in. (7.6 cm) or more in diameter
7		at breast height (DBH), regardless of height.
		Sapling/shrub – Woody plants less than 3 in. DBH
8		and greater than or equal to 3.28 ft (1 m) tall.
9		— W-h Allhadaaaa (aan aa da) alaata aa adlaa 6
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.
	125%= Total Cover	neight.
	1737/2- Total Cover	
Woody Vine Stratum (Plot size:)		
1		
2		Hydrophytic Vegetation
3		Present? Yes X No
1		_
T-	<u></u>	-
	= Total Cover	
Remarks: (Include photo numbers here or on a separate	sneet.)	
,		

Profile Description: (Describe to the c	epth needed to document the indicator or	confirm the absence of	Indicators.)
Depth Matrix	Redox Features	. 2	
$\frac{\text{(inches)}}{O-6} \frac{\text{Color (moist)}}{O \times C} \frac{\%}{3}$	Color (moist) % Type <sup>1</sup>	Loc² Texture	Remarks
0-6 10 h 3/5 100		<u> </u>	
6-20 10x 12 60	7,5 yr 5/6,40	<u> </u>	· · · · · · · · · · · · · · · · · · ·
· · · · · · · · · · · · · · · · · · ·			
¹Type: C=Concentration D=Depletion E	M=Reduced Matrix, MS=Masked Sand Grain	²l costion: B	L=Pore Lining, M=Matrix.
Hydric Soil Indicators:	M-Reduced Matrix, MS-Masked Sand Grain		Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)	Polyvalue Below Surface (S8) (LRR R		k (A10) (LRR K, L, MLRA 149B)
Histic Epipedon (A2)	MLRA 149B)	Coast Pra	irie Redox (A16) (LRR K, L, R)
Black Histic (A3)	Thin Dark Surface (S9) (LRR R, MLR		ky Peat or Peat (S3) (LRR K, L, R)
Hydrogen Sulfide (A4) Stratified Layers (A5)	Loamy Mucky Mineral (F1) (LRR K, L Loamy Gleyed Matrix (F2)		ace (S7) (LRR K, L, M) Below Surface (S8) (LRR K, L)
Depleted Below Dark Surface (A11)	Depleted Matrix (F3)		Surface (S9) (LRR K, L)
Thick Dark Surface (A12)	X Redox Dark Surface (F6)		janese Masses (F12) (LRR K, L, R)
Sandy Mucky Mineral (S1)	Depleted Dark Surface (F7)		Fioodplain Soils (F19) (MLRA 149B)
Sandy Gleyed Matrix (S4)	Redox Depressions (F8)		odic (TA6) (MLRA 144A, 145, 149B)
Sandy Redox (S5) Stripped Matrix (S6)			nt Material (F21) low Dark Surface (TF12)
Dark Surface (S7) (LRR R, MLRA 14	9B)		plain in Remarks)
Indicators of hydrophytic vegetation and Restrictive Layer (if observed):	wetland hydrology must be present, unless d	sturbed or problematic.	
Type: // (A			
Depth (inches): N/A	_	Hydric Soil Pro	esent? Yes 🔀 No
Remarks:		Tiyario doli 1 7	7550IK1 103 NO
Tromano.			,
			•
			:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII City/County: Viagra Sampling Date: 8/13/19 Applicant/Owner: National Grid State: NY Sampling Point: DP-639

Investigator(s): Section, Township, Range: Town of Lockgood

Local relief (concave, convex, none): Concave Slope (%): 3% Subregion (LRR or MLRA): LRQ-L Lat: 43,140356 Long: -76, 624761 Datum: NAD '83

Soil Map Unit Name: Le - Lakement 5:/Ly clay beam , C to 3 percent 5/prs NWI classification: Net classification Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_ V \_ No \_\_\_\_\_ (If no, explain in Remarks.) Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ significantly disturbed? Are "Normal Circumstances" present? Yes \_\_\_\_\_ No\_\_\_ Are Vegetation  $\mathcal{N}$ , Soil  $\mathcal{N}$ , or Hydrology  $\mathcal{N}$  naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Is the Sampled Area Yes \_\_\_\_ No ★ Hydrophytic Vegetation Present? within a Wetland? Hydric Soil Present? Yes X No Wetland Hydrology Present? If yes, optional Wetland Site ID: Remarks: (Explain alternative procedures here or in a separate report.) Upland Data Point for WELLEND OFA **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) \_\_\_ Drainage Patterns (B10) Surface Water (A1) \_\_\_ Water-Stained Leaves (B9) \_\_\_ Moss Trim Lines (B16) High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Dry-Season Water Table (C2) Saturation (A3) \_\_\_ Marl Deposits (B15) \_\_\_ Hydrogen Sulfide Odor (C1) \_\_\_ Crayfish Burrows (C8) Water Marks (B1) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) \_\_\_ Presence of Reduced Iron (C4) Drift Deposits (B3) 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) \_ Microtopographic Relief (D4) \_\_\_ Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5) Field Observations: Yes \_\_\_\_\_ No \_ Y\_ Depth (inches): Surface Water Present? Yes \_\_\_\_ No \_ Y \_ Depth (inches): Water Table Present? Saturation Present? Yes \_\_\_\_ No \(\times\) Depth (inches): Wetland Hydrology Present? Yes \_\_\_\_ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

20	Absolute Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 361 )	% Cover Species? Status	Number of Dominant Species
1		That Are OBL, FACW, or FAC: (A)
2		Total Number of Dominant
3		Species Across All Strata: (B)
4		Percent of Dominant Species That Are OBL, FACW, or FAC: 334 (A/B)
5		That Are OBL, FACW, or FAC: 3390 (A/B)
6		Prevalence Index worksheet:
7		Total % Cover of: Multiply by:
	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15')		FACW species x 2 =
1		FAC species x 3 =
		FACU species x 4 =
2		UPL species x 5 =
3		Column Totals: (A) (B)
		Provolence Index = P/A =
5		Prevalence Index = B/A =
6		Hydrophytic Vegetation Indicators:
7		1 - Rapid Test for Hydrophytic Vegetation
	= Total Cover	2 - Dominance Test is >50%
Herb Stratum (Plot size:)		3 - Prevalence Index is ≤3.0¹
1. Peagene spp.	<u> codo </u>	4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
2. Buthamin graminifolia	35% Y FAC	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Elecampure inch	aodo y FACU	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4. Diosacus lacinintus	Booly > FACU	be present, unless disturbed or problematic.
5		Definitions of Vegetation Strata:
6		Tree – Woody plants 3 in. (7.6 cm) or more in diameter
		at breast height (DBH), regardless of height.
7		Sapling/shrub – Woody plants less than 3 in. DBH
8		and greater than or equal to 3.28 ft (1 m) tall.
9		Herb – All herbaceous (non-woody) plants, regardless of
10	·	size, and woody plants less than 3.28 ft tall.
11		Woody vines – All woody vines greater than 3.28 ft in
12		height.
4	<u> 75%</u> = Total Cover	
Woody Vine Stratum (Plot size:)		•
1.		
2		Hydrophytic
2		Vegetation   Present?   Yes No
3		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
4		
	= Total Cover	
Remarks: (Include photo numbers here or on a separate	•	
Be Could not identify Poacene	1 + sand 11.Ca	ded not indide in
100 colla ner lanky Poacene	down to species throw	w.6. 7m
polar parant cover.		
( Interest of the second secon		

Profile Description: (Describe to the de	pth needed to document the indicator or confirm	the absence of Indicators.)
Depth <u>Matrix</u>	Redox Features	
(inches) Color (moist) %	Color (moist) % Type <sup>1</sup> Loc <sup>2</sup>	Texture Remarks
0-20 INV 1 /1 60	25 rc4/6 40	C $L$
	- <del> </del>	
		*
<sup>1</sup> Type: C=Concentration, D=Depletion, RM	/=Reduced Matrix, MS=Masked Sand Grains.	<sup>2</sup> Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators:		Indicators for Problematic Hydric Solls <sup>3</sup> :
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, M)
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)
Sandy Mucky Mineral (S1)	Depleted Dark Surface (F7)	Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy Gleyed Matrix (S4)	Redox Depressions (F8)	Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy Redox (S5)		Red Parent Material (F21)
Stripped Matrix (S6)	ND)	Very Shallow Dark Surface (TF12)
Dark Surface (S7) (LRR R, MLRA 149	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Other (Explain in Remarks)
<sup>3</sup> Indicators of hydrophytic vegetation and v	vetland hydrology must be present, unless disturbed	or problematic
Restrictive Layer (if observed):	remaind hydrology made be present, amoss distarbed	or problematic.
Type: NU-		,
Depth (inches): NIX		Hydric Soll Present? Yes 🏏 No
	-	Hydric Soll Present? Yes X
Remarks:		
•		

## WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII City/County: Neason Sampling Date: 8/13/19 Applicant/Owner: National Grid State: NY Sampling Point: DP- 035 Section, Township, Range: Town of Lucian Investigator(s): 5, my Traland Landform (hillslope, terrace, etc.): Toeslope Local relief (concave, convex, none): Concave Slope (%): 1% Subregion (LRR or MLRA): LND-L Lat: 43.140763 Long: -78.635633 Datum: NAD '83 Soil Map Unit Name: OvA - Oved Silt loan, Oto 2 percent NWI classification: Not classific of Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Is the Sampled Area Hydrophytic Vegetation Present? within a Wetland? Hydric Soil Present? If yes, optional Wetland Site ID: Wetland Hydrology Present? Remarks: (Explain alternative procedures here or in a separate report.) Data part for Willard 002 **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) \_\_\_ Water-Stained Leaves (B9) Surface Water (A1) \_\_\_ Moss Trim Lines (B16) High Water Table (A2) \_\_\_ Aquatic Fauna (B13) 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) Sparsely Vegetated Concave Surface (B8) ✓ FAC-Neutral Test (D5) Field Observations: **Surface Water Present?** Yes \_\_\_\_ No \_ Y Depth (inches): ~ Water Table Present? Yes \_\_\_\_ No \_\_\_\_ Depth (inches): ~ Saturation Present? Yes \_\_\_\_ No \_> Depth (inches): ~ Wetland Hydrology Present? Yes \_\_X\_\_ No \_ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

					_	
VFGFT <i>I</i>	TION —	Hee	scientific	names	٥f	nlante
* E-O- 17		000	JOIOI IGINO	Harrico	0	piurito.

Sapling/Shrub Stratum (Plot size: 15')

1. Typha angustifolia

2. Lythum saticaria 1500 N

% Cover Species? Status

\_\_\_\_\_\_ = Total Cover

110% = Total Cover

= Total Cover

Tree Stratum (Plot size: 3d )

Sampling Point: DP-035 Absolute Dominant Indicator **Dominance Test worksheet: Number of Dominant Species** That Are OBL, FACW, or FAC: \_ (A) **Total Number of Dominant** Species Across All Strata: Percent of Dominant Species 100% (A/B) That Are OBL, FACW, or FAC: Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species \_\_\_\_\_ x 1 = \_\_\_\_ FACW species \_\_\_\_\_ x 2 = \_\_\_\_ FAC species \_\_\_\_\_ x 3 = \_\_\_\_ FACU species \_\_\_\_\_ x 4 = \_\_\_\_ UPL species \_\_\_\_\_ x 5 = \_\_\_\_\_ Column Totals: \_\_\_\_\_ (A) \_\_\_\_\_ (B) Prevalence Index = B/A = Hydrophytic Vegetation Indicators: \_\_ 3 - Prevalence Index is ≤3.01 \_\_\_ 4 - Morphological Adaptations<sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) <sup>1</sup>Indicators 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 or equal to 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 Hydrophytic Vegetation Yes \_\_\_\_\_ No \_\_\_\_\_ Present?

Remarks: (Include photo numbers here or on a separate sheet.)

Woody Vine Stratum (Plot size: 36)

Profile Desc	cription: (Describe	to the dep	th needed to docur	nent the i	ndicator	or confirm	the absence o	of Indicators.)
Depth	Matrix	·	Redo	x Features	<u> </u>			
(inches)	Color (moist)	80°1,	Color (moist)	_ <u>%</u> ∂0%	Type <sup>1</sup>	Loc²	Texture	Remarks
0-11			2.5 YR 9/8		<u> </u>	17	<u>_cl</u>	
11-20	10403/1	60%	2.5 yrs/8	40%	<u> </u>	<u> M</u>	_cı_	
**								
		· ——						
		·						
							-	
	<u></u>							
¹Type: C=Co	oncentration, D=Dep	letion, RM=	Reduced Matrix, MS	S=Masked	Sand Gra	ains.		PL=Pore Lining, M=Matrix. or Problematic Hydric Solls <sup>3</sup> :
Histosol			Polyvalue Belov	v Surface	/QQ\ /I <b>D</b> E	. D		uck (A10) (LRR K, L, MLRA 149B)
	oipedon (A2)		MLRA 149B)		(30) (LNI	× ιχ,		Prairie Redox (A16) (LRR K, L, R)
Black Hi	stic (A3)		Thin Dark Surfa				5 cm Mu	ucky Peat or Peat (S3) (LRR K, L, R)
	n Sulfide (A4)		Loamy Mucky N			, L)		urface (S7) (LRR K, L, M)
	l Layers (A5) d Below Dark Surfac	e (A11)	Loamy Gleyed I Depleted Matrix		)			ue Below Surface (S8) (LRR K, L) rk Surface (S9) (LRR K, L)
	ark Surface (A12)	- ( ,	χ Redox Dark Su	rface (F6)		•		nganese Masses (F12) (LRR K, L, R)
	lucky Mineral (S1)		Depleted Dark \$		7)			nt Floodplain Soils (F19) (MLRA 149B)
	ileyed Matrix (S4) ledox (S5)		Redox Depress	ions (F8)				podic (TA6) ( <b>MLRA 144A, 145, 149B</b> ) rent Material (F21)
	Matrix (S6)							allow Dark Surface (TF12)
	rface (S7) (LRR R, N	/ILRA 1498	3)					Explain in Remarks)
<sup>3</sup> Indicators of	f hydrophytic vegetat	tion and we	tland hydrology mus	t be prese	nt, unless	disturbed	or problematic.	
Restrictive t	ayer (if observed):							
Type:	<u> </u>							<b>\</b>
Depth (inc	ches): <i>A//A</i>						Hydric Soil F	Present? Yes X No
Remarks:								
								·
								:
								·

#### WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region City/County: Ningera Sampling Date: 8/14/19 Project/Site: NG Batavia-Lockport Article VII State: NY Sampling Point: DP- 03% Applicant/Owner: National Grid Section, Township, Range: Town of Revalues Investigator(s): Jimm, Truly of Landform (hillslope, terrace, etc.): \( \) Subregion (LRR or MLRA): <u>LRR-L</u> Lat: <u>43. 140.343</u> Long: <u>-78. 6/5.368</u> Datum: NAD '83 Soil Map Unit Name: Out - Ovid Siltlown, 6 to 3 present stopes NWI classification: Not classification Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Is the Sampled Area Hydrophytic Vegetation Present? Yes \_\_\_\_\_ No within a Wetland? Yes <u>⊁</u> No Hydric Soil Present? If yes, optional Wetland Site ID: WL-017 Yes \_\_x\_\_ No Wetland Hydrology Present? Remarks: (Explain alternative procedures here or in a separate report.) PEM, Dala Point for Welland 013 **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) C Drainage Patterns (B10) Surface Water (A1) Water-Stained Leaves (B9) \_\_\_ Moss Trim Lines (B16) \_\_\_ High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Mari Deposits (B15) Saturation (A3) Dry-Season Water Table (C2) Water Marks (B1) Hydrogen Sulfide Odor (C1) Crayfish Burrows (C8) \_\_\_ Saturation Visible on Aerial Imagery (C9) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) 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) \_\_ Thin Muck Surface (C7) Iron Deposits (B5) Shallow Aquitard (D3) \_\_\_ Inundation Visible on Aerial Imagery (B7) ✗ Microtopographic Relief (D4) \_\_ Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5) Fleld Observations: Surface Water Present? Yes \_\_\_\_ No \_\_ X Depth (inches): \_ Yes \_\_\_\_ No \_\_\_ Depth (inches): ~ Water Table Present? Wetland Hydrology Present? Yes \_X\_\_ No \_ Saturation Present? Yes \_\_\_\_\_ No \_ > Depth (inches): \_ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

\_\_\_\_\_\_\_\_ = Total Cover

= Total Cover

US Army Corp	s of Engineers

Woody Vine Stratum (Plot size: 36')

Remarks: (Include photo numbers here or on a separate sheet.)

Yes \_\_\_\_\_ No \_\_\_\_\_

and greater than or equal to 3.28 ft (1 m) tall.

size, and woody plants less than 3.28 ft tall.

height.

Hydrophytic Vegetation

Present?

Herb - All herbaceous (non-woody) plants, regardless of

Woody vines - All woody vines greater than 3.28 ft in

		to the dep	th needed to docum			or confirm	the absence	or maioaic	,,,		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	x Features%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture		Remarks		
0-8	104R3/1	70%	16 YR 5/4	15%	_c_		CL				
8-00	104R312		7.5425/8	15%	C	M					
8.20	10 ya 3/2	60%	7.57/85/8	20%	<u> </u>	M	$\overline{c}$				
			2.5 78 4/4			7					
						<del></del>					
		<del></del>		<u> </u>	***						
		· · · · · ·		ANY GALL		**************************************				· · · · · · · · · · · · · · · · · · ·	<del></del>
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					2.4			·			
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			Specification of the second of	<del></del>	<del></del>					<del></del>	
1 <del>T</del>							21	DI - D	1 !-! 14-14-	Auto	
	oncentration, D≕Dep Indicators:	ietion, Rivi	Reduced Matrix, Ma	=Wasked	Sano Gra	iins.			Lining, M=Ma matic Hydric		
Histoso			Polyvalue Belov	v Surface (	(S8) ( <b>LRR</b>	R, 🛴			(LRR K, L, M		
	pipedon (A2)		MLRA 149B)			DA 440D\			ox (A16) ( <b>LRI</b>		
	listic (A3) en Sulfide (A4)		Thin Dark Surfa Loamy Mucky M					-	or Peat (S3) ( ( <b>LRR K, L, N</b>		, K)
	d Layers (A5)		Loamy Gleyed I			_,			Surface (S8) (		)
	d Below Dark Surfac	e (A11)	Depleted Matrix						(S9) (LRR K		
	ark Surface (A12)		X Redox Dark Sur						Masses (F12)		
	Mucky Mineral (S1) Gleyed Matrix (S4)		Depleted Dark S Redox Depress	•	7)				ain Soils (F19 6) ( <b>MLRA 14</b> 4		
	Redox (S5)		Nedox Depress	0113 (1 0)				arent Mater		174, 170, 1	<b>401</b> )
Stripped	d Matrix (S6)						Very S	hallow Darl	Surface (TF	12)	
Dark Su	ırface (S7) (LRR R, N	/ILRA 149I	3)				Other	Explain in F	Remarks)		
	of hydrophytic vegetat		etland hydrology mus	t be prese	nt, unless	disturbed	or problematic	i <b>.</b>			
Type:	Layer (if observed):										
• • • • • • • • • • • • • • • • • • • •											
nebtu (iu	iches): <i>[\/]/</i>						Hydric Soil	Present?	Yes <u>X</u>	_ No	
Remarks:	iches): <i>\M</i>						Hydric Soil	Present?	Yes <u>Y</u>	_ No	
<del> </del>	nches): <i>N//</i>					***************************************	Hydric Soll	Present?	Yes X	No	
<del> </del>	iches): <i>M/</i> /						Hydric Soil	Present?	Yes	_ No	
<del> </del>	nches): <i>\( \bullet \frac{1}{\frac{1}{2}} \)</i>						Hydric Soil	Present?	Yes X	No	ž
<del> </del>	iches): <i>M/f</i>						Hydric Soll	Present?	Yes X	No	ž.
<del> </del>	nches): <u>////</u>						Hydric Soil	Present?	Yes X	No	N.
<del> </del>	nches): <i>W/</i>						Hydric Soll	Present?	Yes X	_ No	*
<del> </del>	nches): <u>////</u>						Hydric Soil	Present?	Yes X	No	Ł
· · · · · · · · · · · · · · · · · · ·	nches):						Hydric Soll	Present?	Yes X	_ No	`
<del> </del>	nches): N//						Hydric Soil	Present?	Yes	No	
<del> </del>	nches): <i>N//</i>						Hydric Soll	Present?	Yes X	No	`
<del> </del>	nches): N/A						Hydric Soll	Present?	Yes	No	\ \
<del> </del>	nches): <i>N//</i>						Hydric Soll	Present?	Yes	No	
<del> </del>	nches): W//						Hydric Soll	Present?	Yes	No	\ .

WEILAND DETERMINATION DATA FOR	
Project/Site: NG Batavia-Lockport Article VII City/0	County: Nasace Sampling Date: 8/17/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP- 6-39
Investigator(s): 5 mmy Irland Section	ion, Township, Range: Town of Poyelkn
Landform (hillslope, terrace, etc.): Hillslope Local re	lief (concave, convex, none): Convex Slope (%): 2%
Subregion (LRR or MLRA):	
Soil Map Unit Name: Od A - Odessa Silty Clay lear, 6 to 3	
Are climatic / hydrologic conditions on the site typical for this time of year?	•
Are Vegetation	
Are Vegetation, Soil, or Hydrology naturally problem	
SUMMARY OF FINDINGS – Attach site map showing san	npling point locations, transects, important features, etc.
Hydrophytic Vegetation Present?  Yes No % Hydric Soil Present?  Yes No %	Is the Sampled Area within a Wetland? Yes No ×
Wetland Hydrology Present? Yes No	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	in you, optional volume one is.
Upland Data Part for Verland	) 0 h
HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)	Surface Soll Cracks (B6)
Surface Water (A1) Water-Stained Leave	
High Water Table (A2) Aquatic Fauna (B13)	
Saturation (A3) Marl Deposits (B15) Water Marks (B1) Hydrogen Sulfide Od	
1 — · · · · · · · · · · · · · · · · · ·	res on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduce	
1 — · · · · · · —	on 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 Rel	marks) Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present?  Yes No _ Pepth (inches): -  Water Table Present?  Yes No _ Depth (inches): -	
Saturation Present? Yes No Depth (inches):	Wetland Hydrology Present? Yes No X
(includes capillary fringe)	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre	evious inspections), if available:
	·
Remarks:	,

<b>VEGETATION</b> – Use scientific names of plants	S. •		Sampling Point: DP-039
Tree Stratum (Plot size: 36 <sup>t</sup> )		Species? Status	Number of Dominant Species
12			That Ale OBL, FACW, or FAC.
3	· ———	<del></del>	Total Number of Dominant Species Across All Strata:  (B)
<b>4.55</b>			Percent of Dominant Species That Are OBL, FACW, or FAC:
6			. To talondo mada montonioni
7			
a no an entre establishment	<u> </u>	= Total Cover	OBL species x 1 = FACW species x 2 =
Sapling/Shrub Stratum (Plot size: 15 <sup>1</sup> )			FACW species x 2 =
1			FACU species x 4 =
2			UPL species x 5 =
3			Column Totals: (A) (B)
4			Prevalence Index = B/A =
56			Hydrophytic Vegetation Indicators:
7			1 - Rapid Test for Hydrophytic Vegetation
	•	= Total Cover	2 - Dominance Test is >50%
Herb Stratum (Plot size:5')	<u> </u>	_ Total Oover	3 - Prevalence Index is ≤3.0¹
	80%	Y FAC	4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
2. Apsaces lacinishes			· . ·
3. Davens croth		N UPC	-
			¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
4. Asclepias syrinca 5.			Definitions of Vegetation Strata:
6			Tree Woody plants 3 in. (7.6 cm) or more in diameter
7			at breast height (DBH), regardless of height.
8			Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
9			Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
11			Woody vines - All woody vines greater than 3.28 ft in
12			height.
Washing Chatring (District)	160	= Total Cover	
Woody Vine Stratum (Plot size: 30 )			`
1			- Hydrophytic
2			- Vegetation
3			Present? Yes No
4			-
		= Total Cover	
Remarks: (Include photo numbers here or on a separate	sheet.)		
		•	

Profile Description: (Describe to th	depth needed to docum	ment the Indicator	or confirm	the absence	of Indicators.)
Depth <u>Matrix</u>	Redo	x Features			
(inches) Color (moist)		% Type <sup>1</sup>	Loc <sup>2</sup>	<u>Texture</u>	Remarks
0-11 10 yr 3/3 10	0			5; L	
11-20 love 3/2 6	2 7.5 yr/4	<u> 30</u>			
107,12	2 0 0 1 1 1 1 1	10		7	
	2.5 y	10 6	<u>m</u> _	<u></u>	
					·
			<del></del>		
			-		
1Tunes Co-Consentation DeBoulation	DM-Dadward Metric MC			21	DI - D List At-Makis
<sup>1</sup> Type: C=Concentration, D=Depletion  Hydric Soil Indicators:	RM=Reduced Matrix, MS	S=Masked Sand G	rains.	Location:	PL=Pore Lining, M=Matrix.  for Problematic Hydric Solls <sup>3</sup> :
	Deliarelia Poler	u Cunfoso (CO) /I B	n n		· · · · · · · · · · · · · · · · · · ·
Histosol (A1) Histic Epipedon (A2)	MLRA 149B)	w Surface (S8) ( <b>LR</b> \	K K,		luck (A10) (LRR K, L, MLRA 149B) Prairie Redox (A16) (LRR K, L, R)
Black Histic (A3)	·	, ace (S9) ( <b>LRR R, N</b>	II RA 149R)		ucky Peat or Peat (S3) (LRR K, L, R)
Hydrogen Sulfide (A4)		//ineral (F1) (LRR I			urface (S7) (LRR K, L, M)
Stratified Layers (A5)	Loamy Gleyed N		-,,		ue Below Surface (S8) (LRR K, L)
Depleted Below Dark Surface (A1					ark Surface (S9) (LRR K, L)
Thick Dark Surface (A12)	Redox Dark Sur				anganese Masses (F12) (LRR K, L, R)
Sandy Mucky Mineral (S1)	Depleted Dark S				ont Floodplain Soils (F19) (MLRA 149B)
Sandy Gleyed Matrix (S4)	Redox Depressi	ions (F8)			Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy Redox (S5)				Red Pa	rent Material (F21)
Stripped Matrix (S6)				Very Sh	nallow Dark Surface (TF12)
Dark Surface (S7) (LRR R, MLRA	149B)			Other (I	Explain in Remarks)
3					
<sup>3</sup> Indicators of hydrophytic vegetation a	d wetland hydrology mus	t be present, unles	s disturbed	or problematic.	
Restrictive Layer (if observed):					
Туре: <b>// //</b>	<del></del>				
Depth (inches):				Hydric Soil	Present? Yes No
Remarks:					
	•				
			_		

WEILAND DEIERMINATION DA	I A FORM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII	City/County: Ningara Sampling Date: 8/19/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP- 646
Investigator(s): Jimmy Zrlan J	Section, Township, Range: Town of Lookpert
Landform (hillslope, terrace, etc.):	·
Subregion (LRR or MLRA): LRQ-L Lat: 43. 1	
Soil Map Unit Name: Od A - Odessa 5: 16 c/su lour	O to 3 percent stops NWI classification: Not classified
Are climatic / hydrologic conditions on the site typical for this time of	
Are Vegetation $\overline{\mathcal{N}}$ , Soil $\overline{\mathcal{N}}$ , or Hydrology $\overline{\mathcal{N}}$ significa	ntly disturbed? Are "Normal Circumstances" present? Yes X No
Are Vegetation , Soil , or Hydrology , naturally	
	ing sampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present?  Yes No	Is the Sampled Area within a Wetland? Yes No X
Wetland Hydrology Present? Yes No ≻	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate re	
Upland for Wesland 014	
HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that app	· ·
Surface Water (A1) Water-Stain Aquatic Fau	ina (B13) — Drainage Patterns (B10)  Moss Trim Lines (B16)
Saturation (A3) Marl Depos	
<u> </u>	ulfide Odor (C1) Crayfish Burrows (C8)
I =	nizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
	f Reduced Iron (C4) Stunted or Stressed Plants (D1)
1 <del></del>	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:	
Surface Water Present? Yes No Depth (incl	nes): ·-
Water Table Present? Yes No Depth (incl	· · · · · · · · · · · · · · · · · · ·
Saturation Present? Yes No Depth (incl (includes capillary fringe)	nes): Wetland Hydrology Present? Yes No 💆
Describe Recorded Data (stream gauge, monitoring well, aerial pi	notos, previous inspections), if available:
Remarks:	

Tree Stratum (Plot size: 30 )	Absolute % Cover	Dominant Indicator Species? Status	Dominance Test worksheet:  Number of Dominant Species
1			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: 33% (A/B)
5			mathe obt., 1 Aov, ci 1 Ao.
6			Prevalence Index worksheet:
	d.	= Total Cover	
Sapling/Shrub Stratum (Plot size: 151)			FACW species x 2 =
1			FAC species x 3 =
2			FACU species x 4 =
3			UPL species x 5 =
4			Column Totals: (A) (B)
5			Prevalence Index = B/A =
6			Hydrophytic Vegetation Indicators:
7			1 - Rapid Test for Hydrophytic Vegetation
		= Total Cover	2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size: 5')  1. Lelian percone	700lu	Y DACV	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
2. Dipsacus locaziatus	35%		Problematic Hydrophytic Vegetation¹ (Explain)
3. Apa cynem canna birem			¹Indicators of hydric soil and wetland hydrology must
4. Asolopins syriaca			be present, unless disturbed or problematic.
5			Definitions of Vegetation Strata:
6			Tree – Woody plants 3 in. (7.6 cm) or more in diameter
7			at breast height (DBH), regardless of height.
8			Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 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.
11			Woody vines – All woody vines greater than 3.28 ft in
12			height.
Woody Vine Stratum (Plot size: 36')	15000	= Total Cover	
1			
2			Hydrophytic Vegetation
3			Present? Yes No
4			
		= Total Cover	
Remarks: (Include photo numbers here or on a separate	sheet.)		
			,

Profile Description: (Describe to the d	epth needed to document the i	ndicator or confirm	the absence of i	indicators.)
Depth <u>Matrix</u>	Redox Features	<u>.</u>		
(inches) Color (moist) %	Color (moist) %	Type <sup>1</sup> Loc <sup>2</sup>	<u>Texture</u>	Remarks
0-4 10 yr 3/2 90	10 hrs/8 10	c m	<u> 51 L</u>	
14-20 10 yr 1/2 50	7,5 y r 5/8 30	c M		
	7,5 × 5/370	$\frac{1}{m}$	LC	
•				
<sup>1</sup> Type: C=Concentration, D=Depletion, R	M-Dadward Matrix MC-Marked	Cond Cooles	2l poetient Di	L=Pore Lining, M=Matrix.
Hydric Soil Indicators:	M=Reduced Matrix, M5=Masked	Sand Grains.		Problematic Hydric Solis <sup>3</sup> :
Histosol (A1)	Polyvalue Below Surface	(S8) (LRR R.		k (A10) (LRR K, L, MLRA 149B)
Histic Epipedon (A2)	MLRA 149B)	. , ,	Coast Prai	irie Redox (A16) (LRR K, L, R)
Black Histic (A3)	Thin Dark Surface (S9) (L			ky Peat or Peat (S3) (LRR K, L, R)
Hydrogen Sulfide (A4) Stratified Layers (A5)	Loamy Mucky Mineral (F1 Loamy Gleyed Matrix (F2			ace (S7) (LRR K, L, M) Below Surface (S8) (LRR K, L)
Depleted Below Dark Surface (A11)	Depleted Matrix (F3)	,	-	Surface (S9) (LRR K, L)
Thick Dark Surface (A12)	Redox Dark Surface (F6)			anese Masses (F12) (LRR K, L, R)
Sandy Mucky Mineral (S1)	Depleted Dark Surface (F	7)		Floodplain Soils (F19) (MLRA 149B)
Sandy Gleyed Matrix (S4)	Redox Depressions (F8)			odic (TA6) ( <b>MLRA 144A, 145, 149B</b> ) nt Material (F21)
Sandy Redox (S5) Stripped Matrix (S6)				low Dark Surface (TF12)
Dark Surface (S7) (LRR R, MLRA 14	9B)			plain in Remarks)
<sup>3</sup> Indicators of hydrophytic vegetation and	wetland hydrology must be prese	nt, unless disturbed	or problematic.	
Restrictive Layer (if observed):	· · · · · · · · · · · · · · · · · · ·			
Туре:	_			· ·
Depth (inches): N N	_		Hydric Soll Pre	esent? Yes No _X
Remarks:				

#### WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII Sampling Date: <u>8/</u>/9/19 City/County: Niggara Sampling Point: DP- 04/ Applicant/Owner: National Grid State: NY J. may Irdan d Section, Township, Range: Town of L Investigator(s): \_\_\_\_\_ Local relief (concave, convex, none): \_\_\_\_\_\_\_ Landform (hillslope, terrace, etc.): Subregion (LRR or MLRA): 120-4 Lat: 43.140276 Long: 78.622058 Datum: NAD '83 Soil Map Unit Name: OdA - Odessa sily horreday long, 6 to 3 percent steps NWI classification: Not classifical Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No\_ , 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. Is the Sampled Area Hydrophytic Vegetation Present? Yes Y No within a Wetland? Hydric Soil Present? Wetland Hydrology Present? Yes \_\_\_ > No If yes, optional Wetland Site ID: Remarks: (Explain alternative procedures here or in a separate report.) PEN datapoint of bellend city. **HYDROLOGY** Wetland Hydrology Indicators: Secondary Indicators (minimum of two required) Surface Soil Cracks (B6) Primary Indicators (minimum of one is required; check all that apply) Surface Water (A1) Water-Stained Leaves (B9) To Drainage Patterns (B10) High Water Table (A2) Aquatic Fauna (B13) Moss Trim Lines (B16) Saturation (A3) Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) Hydrogen Sulfide Odor (C1) Crayfish Burrows (C8) Water Marks (B1) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) \_\_\_ Stunted or Stressed Plants (D1) Drift Deposits (B3) Presence of Reduced Iron (C4) □ Geomorphic Position (D2) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) 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? Yes \_\_\_\_ No \_ k Depth (inches): ~ Water Table Present? Yes \_\_\_\_\_ No \_ x Depth (inches): Wetland Hydrology Present? Yes 🔀 No \_ Saturation Present? Yes \_\_\_\_ No \_\_\_ Depth (inches): ~ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

	Absolute	Dominant	Indicator	
Tree Stratum (Plot size: 361 )		Species?		Dominance Test worksheet:
1				Number of Dominant Species That Are OBL, FACW, or FAC: (A)
*				That Are OBL, PACW, or PAC: (A)
2			<del></del>	Total Number of Dominant
3				Species Across All Strata; (B)
4				Percent of Dominant Species
•				That Are OBL, FACW, or FAC: LOOOL (A/B)
5				
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
		= Total Cov		
		= lotal Cov	/er	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15° )				FACW species x 2 =
1				FAC species x 3 =
				FACU species x 4 =
2				UPL species x 5 =
3				Column Totals: (A) (B)
4				(b)
5				Prevalence Index = B/A =
6				Hydrophytic Vegetation Indicators:
7				<u>×</u> 1 - Rapid Test for Hydrophytic Vegetation
		=		2 - Dominance Test is >50%
اب		= Total Cov	/er	3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size:)	- 4	• .		4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1. Cythan Salicaria		<u>y</u>	CBL	data in Remarks or on a separate sheet)
2. Exthamin graminifolin	30060	y	FAC	Problematic Hydrophytic Vegetation¹ (Explain)
3. Bidens austosa	30%	y	FACW	The Market and the date and another discontinuous of
				<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
4. Juners effuses	2006		OBL	be present, unless distalled or presentation
5. Depareus laciniaho	10°le		FACU	Definitions of Vegetation Strata:
6				Tree Woody plants 3 in. (7.6 cm) or more in diameter
				at breast height (DBH), regardless of height.
7	<del></del>			
8				Sapling/shrub – Woody plants less than 3 in. DBH
9				and greater than or equal to 3.28 ft (1 m) tall.
				Herb - All herbaceous (non-woody) plants, regardless of
10			·	size, and woody plants less than 3.28 ft tall.
11				Was devictions All supply wines are stand than 2.29 A in
12				Woody vines – All woody vines greater than 3.28 ft in height.
	incol.	= Total Cov		
201	1700	- Total Cov	/ei	
Woody Vine Stratum (Plot size: 30')				
1				
2				Hydrophytic
_				Vegetation Present? Yes No
3			· ———	Present? Yes No
4				
		= Total Cov	/er	
Remarks: (Include photo numbers here or on a separate	sheet.)			

Profile Description: (Describe to the de	pth needed to document the indicator or confirm	the absence of indicators.)
Depth Matrix (inches) Color (moist) %	Redox Features Color (moist) % Type¹ Loc²	Texture Remarks
$\frac{\text{(inches)}}{\text{(inches)}} \frac{\text{Color (moist)}}{\text{(inches)}} \frac{\%}{80}$		5; CL
10-20 10 v C 4/1 60	7,54,5/8 30 C M	<u> </u>
101/3/1	10 y R 31, \$ K) C m	
	10 4 K 3 C 7 P)	
·		
		•
	· — · · · · · · · · · · · · · · · · · ·	
Trans Co-Composite Deposition Dep	A-Dadward Matthy MC-Marked Cand Carlo	<sup>2</sup> Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators:	M=Reduced Matrix, MS=Masked Sand Grains.	Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)	Polyvalue Below Surface (S8) (LRR R,	2 cm Muck (A10) (LRR K, L, MLRA 149B)
Histic Epipedon (A2)	MLRA 149B) Thin Dark Surface (S9) (LRR R, MLRA 149B)	Coast Prairie Redox (A16) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
Black Histic (A3) Hydrogen Sulfide (A4)	Loamy Mucky Mineral (F1) (LRR K, L)	Dark Surface (S7) (LRR K, L, M)
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) 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)	Redox Depressions (F8)	Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy Redox (S5) Stripped Matrix (S6)		Red Parent Material (F21) Very Shallow Dark Surface (TF12)
Dark Surface (S7) (LRR R, MLRA 149	<b>DB</b> )	Other (Explain in Remarks)
	vetland hydrology must be present, unless disturbed	or problematic.
Restrictive Layer (if observed):		
Type: // // Depth (inches): // //	-	Hydric Soli Present? Yes No
Remarks:		nyunc son Presentr Tes No
		•

# APPENDIX B WATERCOURSE DATA FORMS - STREAMS



Stream Field ID: Stream 601
Data Point ID: DP-005 Date: 68/01/19 Project #: 190176
Project Name: NO - Balavia - Lockgott Acticle VII
Evaluator(s): Jimmy Ireland
County:State:State:
Stream Name: Erie Canal -NYS Barge Canal
State Classified: Yes No Not Applicable
If Yes, Classification:
Hydrologic Characteristics
Flow Regime: Perennial X Intermittent Ephemeral
Surface Water: Present Absent
Perceptible Flow: Present X Absent
Water Depth at Thalweg:
Wetted Perimeter Width: 89
Flow/Gradient Direction:
Geomorphologic Characteristics
Primary Substrate Class:
Width (ft.)
at DP Min Max
OHWM 84' 84' 100'
Top of Bank 84' 84' 100'
Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:
Left: 85° - 1/43%
Right: 65 - 1143 %
Bank Stability Summary
Left Stable Manmade Banks
Right: Same as above
· · · · · · · · · · · · · · · · · · ·



Habitat Characteristics
Aquatic Vegetation Present: Yes No X
Aquatic Organisms Observed: Yes No >
Terrestrial Organisms Observed: Yes No X
Riparian Characteristics
Riparian Vegetation Description (0' to 150' from TOB):
Left: Upland O'-150'- Upland short, Rose + Honey suchle
Right: Some as above.
Associated Wetland Present: Yes No y If Yes, ID:
Associated Artificial Drain Present: Yes No X
Jurisdictional Connectivity/Supplemental Comments:
This is a section of the time Connell



Stream Field ID	: Strea	am 002			
Data Point ID:	DP- (	Di & Da	ate: 8/8	/19 PI	oject #: 190176
Project Name:	NG E				
Evaluator(s):	Jame	es Ireland			
County: Nias	aran			State:	New York
Stream Name:	Min	or to holy is	Tonawanda	Cruk	
State Classified If Yes, C	Yes	ĭ No [		t Applica	able
Lat: <u>43.14268</u>	2		Long:	- 78.67	78408
	Hydr	ologic Cl	naracter	istics	
Flow Regime:	Perenr	nial 📉	Intermitt	ent	Ephemeral
Surface Water:		Present [	×	Absent	
Perceptible Flov	<b>v</b> :	Present [	X	Absent	
Water Depth at	Thalweg:	<u>.</u>	34"	inches	
Wetted Perimete	er Width:	-	26'	feet	
Flow/Gradient D	irection:	<u> </u>	Soly		
Charles of County and Association of County and County and County of County and County a		phologic	Charac	teristics	
Primary Substi	ate Clas	s: <u> </u>	5-6		
		٧	Vidth (ft.)		
		at DP	Min	Max	
	OHWM	20'	<i>'3'</i>	95	
Тор	of Bank	2422	41	251	
Bank Slope [Re	oorted as	s % or Ho	rizontal:∖	/ertical(l	H:V)]:
Le	eft: <u>50</u> °	0 -12006			
RigI	nt: <u>40°</u>	- 84%		•	
	Bar	ık Stabili	ty Sumn	nary	
Left: Sh	Le - Vegelent	ed Banks			
		<del></del>			
	<del></del>	<del></del>			
Right: Some	an above				



Habitat Characteristics
Aquatic Vegetation Present: Yes No X
Aquatic Organisms Observed: Yes No >
Terrestrial Organisms Observed: Yes No Y
Riparian Characteristics
Riparian Vegetation Description (0' to 150' from TOB):  Left: O'-150- Row-Short Cong degreed river stage  Quen Ann's C. Gildwrend, P. Lorente, C.
Right: Some on where
Associated Wetland Present: Yes No x
Associated Artificial Drain Present: Yes Nox Nox
Jurisdictional Connectivity/Supplemental Comments:
Flows South eff. PSL ink NNT



Stream Fig	∍ld ID: Stre	am 003			
Data Point	ID: DP-	<i>o∂</i> a Da	ate: 8/,	12/19 PI	roject #: 190176
Project Na	me: NG	Batavia-Lo	•		
Evaluator(s	s): <u>Jam</u>	<u>es Ireland</u>	1 Barani	Syran A	ก(ช
County:	Ningorm			State:	New York
Stream Na			luy to Avo		
State Class	sified: Yes es, Classifica		No 	t Applica	able
Lat: <u> </u>	141896		Long:	-78.60	65761
	Hyd	rologie C	naracter	stics	
Flow Regin	ne: Peren	nial	Intermitt	ent 🔀	Ephemeral
Surface Wa	ater:	Present		Absent	×
Perceptible	Flow:	Present		Absent	Y
Water Dep	th at Thalweg	j: _	0"	inches	
Wetted Per	rimeter Width	:	0′	feet	
Flow/Gradi	ent Direction:	<u> </u>	JGSL / Sa	45	
		rphologic	Charact	eristics	
Primary S	Substrate Clas	SS:	S:L		<u></u>
			Vidth (ft.)		
		at DP	Min	Max	
	OHWM	1 4	2	7	
	Top of Bank	Ų	<b>2</b> 3	Ų.	J
Bank Slope	Reported a			ertical(l	∃:V)]:
	Left:				
THE SECTION AND SECTION SECTION		so - 70°6			
<u> </u>		nk Stabili	A COUNTY OF THE PARTY OF THE PA	nary	The law of the state of the sta
Left: _	Shile-Vy	ptalul Bank	<u>(3</u>		
-					<del></del>
- Right:	Some an alon	10.0			·
	-> mul on could	Ne			
_					



Data Point ID: DP- *O*ລລ

Habitat Character	istics
Aquatic Vegetation Present: Yes If Yes, Describe:	□ No ¬
Aquatic Organisms Observed: Yes If Yes, Describe:	□ No x
Terrestrial Organisms Observed: Yes If Yes, Describe:	□ No
Riparian Characte	ristics
Riparian Vegetation Description (0' to 15  Left: 0'-156' - Resident of Yord.	i0' from TOB):
Right: 0'-150' - Upland I decidious for	esL
Associated Wetland Present: Ye If Yes, ID:	es No x
Associated Artificial Drain Present: Yes, ID: Abox5	es 📉 No 🔙
Jurisdictional Connectivity/Supp	lemental Comments:
Flows South off of PSC into reside	restant aven
	·



Stream Fi	eld ID: Stre	eam Oo4
Data Poin	t ID: DP-	033 Date: 8/12/19 Project #: 190176
Project Na	me: NG	Batavia-Lockport Article VII
Evaluator(	s): <u>Jam</u>	nes Ireland
County:		asara Comby State: New York
Stream Na	ame: <u>" (/</u> .	ungmed Tributory to Mid Creh
State Clas	sified: Yes ′es, Classifica	
	141015	Long: - 78. 649941
	Нус	Irologic Characteristics
Flow Regi	me: Peren	nnial 📉 Intermittent 📗 Ephemeral
Surface W	/ater:	Present P Absent
Perceptibl	e Flow:	Present
Water Dep	oth at Thalwe	g: <u>21" ##</u> inches
Wetted Pe	erimeter Width	n: <u>6' 🕏</u> feet
Flow/Grad	ient Direction	: South
		orphologic Characteristics
Primary S	Substrate Cla	ss: <u>S:Ł</u>
		Width (ft.)
		at DP Min Max
	OHWM	
	Top of Bank	11' 16' 15'
Bank Slop		as % or Horizontal:Vertical(H:V)]:
		500 - 120%
	Right:	55" - 143%
	Ba	ink Stability Summary
Left:	Stalle - Verclah	1 Banks
D: 1 /		
Right:	Sameasabove	
	<del></del>	



Habitat Cha	racteris	stics
Aquatic Vegetation Present:  If Yes, Describe:	Yes	No >
Aquatic Organisms Observed:  If Yes, Describe:	Yes	No
Terrestrial Organisms Observed:  If Yes, Describe:	Yes	Nox
Riparian Cha	aracteri	stics
Riparian Vegetation Description (0	' to 150	' from TOB):
Left: ROW- 0'-1501- Ment	n Sveet	G. Goldwood. Bod Canaly,
Queen Amis		
· .		
Right: Some a Sure		
Associated Wetland Present:  If Yes, ID:	Yes	No ×
Associated Artificial Drain Present:  If Yes, ID:  Ab-017	: Yes	S × No
Jurisdictional Connectivity	/Supple	emental Comments:
Dianage way be nearly as held		
- 444		



Stream Fig	eld ID: <u>Stre</u>	am 🛷 🤄					
Data Point	ID: DP-	028 Da	ate: 8//	3/19 Pr	oject #:	190176	
Project Na	me: NG	ne: NG Batavia-Lockport Article VII					
Evaluator(	s): Jam	es Ireland					
County:	ora-	Niagara			New Yo	rk	
Stream Na	me:	Unnamed Tr	bully to 1	d Creek	-		
	sified: Yes es, Classifica		<del></del>	t Applica	able		
Lat: <u>43</u>	140264		Long:	-78.6	35389		
	Hyd	rologic Cl	naracter	stics			
Flow Regir	ne: Peren	nial	Intermitte	ent 😕	Ephen	neral	
Surface W	ater:	Present [		Absent	×		
Perceptible	Flow:	Present [		Absent	X		
Water Dep	th at Thalweg	g: _	0"	inches			
Wetted Pe	rimeter Width	: _	0'	feet			
Flow/Grad	ient Direction	: N	14/VIX				
	2	rphologic	Charact	eristics			
Primary S	Substrate Cla	ss:	S:L				
		V	Vidth (ft.)				
	d	at DP	Min	Max			
	OHWM	4'	4	5'			
	Top of Bank	10'	81	12'			
Bank Slope	e [Reported a	s % or Ho	rizontal:∖	ertical(l	H:V)]:		
	Left: <u>3</u>	50 -70%		,			
	Right:	0° - 84%		ı			
	Ba	nk Stabili	ty Sumn	nary			
Left:	Sutto · Vagele	ted Banks					
•							
Right:	Some as above		<del></del>				
•							



Habitat Characteristics
Aquatic Vegetation Present: Yes No 🔀
Aquatic Organisms Observed: Yes No X
Terrestrial Organisms Observed: Yes No 😾
Riparian Characteristics
Riparian Vegetation Description (0' to 150' from TOB):  Left: 6'-150'- Upland ROW, Spokkd Knapued, Aucendan's, Sweet closer
Right: Sme a above
Associated Wetland Present: Yes No X
Associated Artificial Drain Present: Yes No No If Yes, ID:
Jurisdictional Connectivity/Supplemental Comments:
Run west along the PSL, run North out of PSL



Stream Fie	Id ID: Stre	am Ocl				
Data Point	D: DP-	036 D	ate: 8//	3/19 PI	roject#:	190174
Project Nan	ne: NG	NG Batavia -Lockport Article VII				
Evaluator(s	): <u>Jimr</u>	ny Ireland				
County: _	Ningara Comby			State:	NY	
Stream Nar	ne:	Unnamed Trib	why to Me	d Cruh		
State Class If Ye	ified: Yes s, Classifica		X No	t Applica	able	]
Lat: <u>43</u>	146476			-78.62	2519	
	Hyd	rologie C	haracter	istics		
Flow Regim	ie: Peren	nial	Intermitt	ent 🗶	Ephe	meral
Surface Wa	ter:	Present	x	Absent		
Perceptible	Flow:	Present		Absent	X	
Water Dept	h at Thalweg	<b>j</b> : .	4"	inches		
Wetted Peri	meter Width	:	4' 3	feet		
Flow/Gradie	ent Direction	: <u>/</u>	loth			<u></u>
	Geomo	rphologic	Charac	teristics	Signature 1	
Primary S	ubstrate Clas	ss:	SiL			_
		V	Vidth (ft.)			
		at DP	Min	Max		
	OHWM	4'	4'	6'		
•	Top of Bank	8'	7′	8'		
Bank Slope	[Reported a	s % or Ho	rizontal:\	/ertical(l	H:V)]:	Andrew Comment
	Left:	400 -87%	<u> </u>			
	Right:	10° - 84°/6				
	Ba	nk Stabili	ty Sumn	nary		
Left:	Stallo-Vegetal	ed banks				
· -	· <del></del> · · · · · · · · · · · · · · · · · ·				*	
	0	<del></del>		····-		
Right: _	Sanatore	,				
<u></u>						
	·					



Habitat Characteristics
Aquatic Vegetation Present: Yes No X
Aquatic Organisms Observed: Yes No Y
Terrestrial Organisms Observed: Yes No Y
Riparian Characteristics
Riparian Vegetation Description (0' to 150' from TOB):  Left: O'-150'. Row-Volund, Quien Annistrue, flot kp GR, P.  Louse, Calkert tensel
Right: Some an adore
Associated Wetland Present: Yes x No If Yes, ID:
Associated Artificial Drain Present: Yes No >
Jurisdictional Connectivity/Supplemental Comments:
Dianage chancel that flows from neighborhood to de month.



Stream Fi	eld ID: Stre	am 007				
Data Point	ID: DP-	ن الا D	ate: 8/14	lia Pi	oject #: 1901	76
Project Na	me: NG	NG Batavia-Lockport Article VII				
Evaluator(	s): <u>Jam</u>	es Ireland				
County:	Niagara			State:	New York	
Stream Na	()	Creek + Trib	ularies			
State Clas	sified: Yes es, Classifica		No <b>&amp;</b>	t Applica	able	
Lat: <u>43.13</u>	39999		Long:	-78.589	iss6	
	Hyd	rologic C	haracter	istics		
Flow Regi	me: Peren	nial	Intermitt	ent 🔀	Ephemeral	
Surface W	ater:	Present		Absent	χ	
Perceptible	e Flow:	Present		Absent	×	
Water Dep	oth at Thalweg	<b>j:</b> ,	C'	inches		
Wetted Pe	rimeter Width	:	01	feet		
Flow/Grad	ient Direction:		North			
		rphologic	Charac	teristics		
Primary S	Substrate Clas	3S:	S:LC			
		V	Vidth (ft.)			
		at DP	Min	Max		
	OHWM	s'	2'	5''		
	Top of Bank	15'	8′	151		
Bank Slope	e [Reported a	s % or Ho	rizontal:\	/ertical(l	H:V)]:	
	Left: <i>sco</i>	-120%		_		
	Right: SS®	-143%				
	Ba	nk Stabili	ty Sumn	nary		
Left:	Sury - Vesetork	d Barks				
Right:	Som an abou	<u>c</u>		· · · · ·		<del></del>
		<del></del>				
					···	



Habitat Characteristics
Aquatic Vegetation Present: Yes No X
Aquatic Organisms Observed: Yes No X
Terrestrial Organisms Observed: Yes No No No If Yes, Describe:
Riparian Characteristics
Riparian Vegetation Description (0' to 150' from TOB):  Left: 6'-150' - Wellow 1 014 · P. Leased i. G., Brosol Calling I deques of July
Right: Some an about.
Associated Wetland Present: Yes No No If Yes, ID:
Associated Artificial Drain Present: Yes No >
Jurisdictional Connectivity/Supplemental Comments:
Flows North into DEC webland GA-21



Stream Fi	eld ID: <u>S</u> t	tream 068				
Data Point	: ID: DF	DP- 663 Date: 8/19/19 Project #: 190176				
Project Na	me: N	IG Batavia-Lockport Article VII				
Evaluator(	s): <u>Ja</u>	ames Ireland				
County:	County: State: New York					
Stream Na	ıme:	Mid Creek + Tribularies				
State Classified: Yes Volume Not Applicable If Yes, Classification:						
Lat: <u>43.1</u>	39879	Long:78. 554396				
	H	lydrologic Characteristics				
Flow Regi	me: Pere	rennial Intermittent 🔀 Ephemeral				
Surface W	ater:	Present Absent				
Perceptible	e Flow:	Present Absent				
Water Dep	oth at Thalw	veg:inches				
Wetted Pe	rimeter Wid	dth:3`feet				
Flow/Grad	ient Directio	ion: News				
	, Geon	morphologic Characteristics				
Primary S	Substrate C	Class: S.(C				
		Width (ft.)				
		at DP Min Max				
	OHW	/M 3' 2' 3'				
	Top of Bar	nk ic 7' ii'				
Bank Slop	e [Reported	d as % or Horizontal:Vertical(H:V)]:				
	ے Left:	55' -143%				
	Right: 30					
		Bank Stability Summary				
Left:	Stoll Vychil	Let Vantes				
,	<i></i>					
•						
Right:	Some on above					



Habitat Characteristics
Aquatic Vegetation Present: Yes No 🔀
Aquatic Organisms Observed: Yes No X
Terrestrial Organisms Observed: Yes No x  If Yes, Describe:
Riparian Characteristics
Riparian Vegetation Description (0' to 150' from TOB):  Left:
Right: 01 150' Willand 020
A so a sint of Market Durant Durant Was Durant Dura
Associated Wetland Present: Yes X No No No No No No No No No No No No No
Associated Artificial Drain Present: Yes Y No I If Yes, ID:
Jurisdictional Connectivity/Supplemental Comments:
Flows from DEC welland GA-le to the neith off PSL



Stream Fig	eld ID: Str	eam oog				
Data Point	ID: DP	DP- 089 Date: 8/23/19 Project #: 190176				
Project Na	me: NG	NG Batavia-Lockport Article VII				
Evaluator(s	s): <u>Jar</u>	nes Ireland				
County:	Genesee			State:	New York	
Stream Na	me:	Mad Cruk +	Tribuleries			
State Classified: Yes No Not Applicable						
Lat: <u> </u>	8732		Long:	<u>-78.45</u>	2947	
	<b>Hy</b>	drologic Ch	aracter	istics	N. C. C. C. C. C. C. C. C. C. C. C. C. C.	
Flow Regir	ne: Pere	nnial 😕 I	ntermitt	ent	Ephemeral	
Surface Wa	ater:	Present >	<u> </u>	Absent		
Perceptible	Flow:	Present 2	Ę	Absent	X	
Water Dep	th at Thalwe	g:	3"	inches		
Wetted Pe	rimeter Widt	h: _	10 (	feet		
Flow/Gradi	ent Direction	າ:	Eage			
	∘	orphologic	Charact	teristics		
Primary S	Substrate Cla	ass: <u>S; (</u>		***		
		W	idth (ft.)			
		at DP	Min	Max		
	OHWN	1 16'	101	161		
	Top of Banl	( 20'	20'	20'		
Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:						
	Left: 🥎	° -84%		•		
	Right: 3	· - 70%		Ī		
Bank Stability Summary						
Left:	8 256 - Ver	luked Bunks				
-						
•						
Right: _	Some or when					
-				· · · ·		



Habitat Characteristics
Aquatic Vegetation Present: Yes No κ
Aquatic Organisms Observed: Yes No No No No No No No No No No No No No
Terrestrial Organisms Observed: Yes No No No Served: No
Riparian Characteristics
Riparian Vegetation Description (0' to 150' from TOB):  Left: 6'-150' - Been / Webland
Right: Smen In
Associated Wetland Present: Yes No No If Yes, ID:
Associated Artificial Drain Present: Yes No No No If Yes, ID:
Jurisdictional Connectivity/Supplemental Comments:
Runs through wetland C23 which . s He TWMA.
The state of the s



Stream Field ID	Stream 010				
Data Point ID:	DP-099 Date: 10/3/19 Project #: 196174				
Project Name:	NG Batavia -Lockport Article VII				
Evaluator(s):	Jimmy Ireland				
County:	sesse Comby State: NY				
Stream Name:	Med Creek & Triblances				
State Classified					
	assification:				
Lat: <u>43.136.607</u>	Long: <u>-78 480358</u>				
	Hydrologic Characteristics				
Flow Regime:	Perennial X Intermittent Ephemeral				
Surface Water:	Present X Absent X				
Perceptible Flov	v: Present 🔀 Absent 🗌				
Water Depth at	Thalweg: <u>3′</u> inches				
Wetted Perimete					
Flow/Gradient D	irection: East				
	Geomorphologic Characteristics				
Primary Substr	rate Class: S:L				
	Width (ft.)				
	at DP Min Max				
	OHWM 20' 21' 20'				
Top	of Bank $\partial \underline{s}' = \partial \underline{s}' = \partial \underline{s}'$				
Bank Slope [Rep	ported as % or Horizontal:Vertical(H:V)]:				
Le					
Righ	nt: 40° -84°6				
	Bank Stability Summary				
Left: $\underline{\mathcal{V}_{r}}$	Inthe Exactle underest banks				
Diabte 0					
Right: Sone	makere				



Habitat Charac	cterist	ics
Aquatic Vegetation Present:  If Yes, Describe:	/es [	No 🔀
Aquatic Organisms Observed: \( \) If Yes, Describe:	res [	No 🛌
Terrestrial Organisms Observed:  If Yes, Describe:	Yes [	No 🔀
Riparian Chara	cteris	tics
Riparian Vegetation Description (0' to Left: 0' 156'- Acfield Hay		rom TOB):
Right: Sarem where		
· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
Associated Wetland Present:  If Yes, ID:	Yes [	No x
Associated Artificial Drain Present:  If Yes, ID:  AD-053	Yes [	× No
Jurisdictional Connectivity/Si	upplen	nental Comments:
Drainage through Agfield, Mins		
<del></del>		

#### APPENDIX C WATERCOURSE DATA FORMS - DITCHES



### **Ditch Data Form**

Ditch Fie	eld ID:	Ditch Ooi			_	
Data Poir	nt ID:	DP- 015			Date:	8/8/19
Project N		NG Batavia-Lock	ort Article V	<u> [[                                  </u>	Project #:	190176
Evaluator	r(s):	James Ireland				
County:		Minsara County	······		. State:	New York
Jurisdiction	onal:	Yes	No	$\supset$		
Lat:	43.148	057		Long:	78.683470	
		Jurisdiction	nal Determi	nation Cri	teria	
Yes	/ No		Juriso	lictional A	ttribute	
		1) Meets the USA			•	
		"a water that con			•	
X		(including an imp	•			
		presence of the high water mark		ators of a be	ea ana bank, a	and an ordinary
		2) Supplementing		Must Satis	fv At Least 1	of 5 Below)
	×	a) Has Perenni	· · · · · · · · · · · · · · · · · · ·			
	*	b) Has Intermitt	<del></del>	d is a Relo	cated Tributa	ary;
	<b>×</b>	c) Has Intermitt	ent Flow and	d is Excava	ated in a Trib	utary;
1		d) Has Intermitt	ent Flow and	d Drains N	atural Water	Bodies
-	7	(including w				
	X	e) Has Epheme	eral Flow and	l is Excava	ated in or Rel	ocated within a
		Tributary.				
		Hyard	logic Chara	acteristics		
Flow Reg	ime:	Per	ennial	Intermitte	ent 🔀	Ephemeral
Surface V	Vater:	Р	resent	Abs	ent 🔀	
Perceptib	le Flow:	Р	resent	Abs	ent 🗴	
Water De	pth at Tha	alweg:	0	inches	 S	
Wetted P	erimeter V	Vidth:	0	'´ feet		
Flow/Gra	dient Dire	ction:		Eash	<u></u>	
Geomorphologic Characteristics						
Primary Substrate Class: S; L						
Width (feet)						
			at DP	Min	Max	
		OHWM	2"	<i>∂'</i>	2'	
		Top of Bank	2'	ə′	2′	
Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:						
			- 58%			
		Right: 220	7001			



Bank Stal	oility Summary
Left Bank: Smyle - Vegelock of 13a	aks.
Right Bank:	
	·
	<u></u>
Habitat C	haracteristics
Aquatic Vegetation Present:  If Yes, Describe:	Yes No 🔽
Aquatic Organisms Observed:  If Yes, Describe:	Yes No 🖈
Terrestrial Organisms Observed: If Yes, Describe:	Yes No 🛴
Riparian	Characteristics
Riparian Vegetation Description (0' to 150' f	
Left: <u>0'-150'-Row- (</u>	Goldencod P. Louxestia Teasel
Right: 0'-150 - Res-duply 14	/
Might. O 130 Western V.	10
Associated Wetland Present:	Yes 🔀 No 🔙
If Yes, ID: WL-008	, <u>, , , , , , , , , , , , , , , , , , </u>
Associated Artificial Drain(s) Preser If Yes, ID: <u>人</u> 们 のピイ	
Supplemental	Notes & Comments:
Non justescheckend dut hat flows thro	ish PSC. Rus under excun road an PSC.



<b>Ditch Fie</b>	ld ID:	Ditch Oo2				
Data Poin	nt ID:	DP- OIU			Date	
Project Na	ame:	NG Batavia-Lock	t: <u>190176</u>			
Evaluator	r(s):	James Ireland				
County:		Ningerm County		, , ,	State	: New York
Jurisdiction	nal:	Yes	No.	o 🔀		
Lat:	93.141	986		Long: 2	8.679701	
		Jurisdictio	nal Detern	nination Cri	teria	
Yes	No		// Juri	sdictional A	ttribute	
		1) Meets the USA			•	
		"a water that con				J.
У		(including an imp				and an ordinary
		high water mark'		icators or a be	su anu bank	, and an ordinary
		2) Supplementing		(Must Satis	fy At Least	1 of 5 Below)
	ッ	a) Has Perenni				
	<i>&gt;</i>	b) Has Intermitt	ent Flow a	nd is a Relo	cated Tribu	itary;
	У	c) Has Intermitt	ent Flow a	nd is Excava	ated in a Tr	ibutary;
	\ \ \	d) Has Intermitt		nd Drains N	atural Wate	er Bodies
	×	(including w				
	\ \		eral Flow a	nd is Excava	ited in or R	elocated within a
		Tributary.	<u></u>			
in the state of th		Hydro	logic Cha	racteristics		
Flow Reg	ime:	Per	ennial 🔲	Intermitte	ent	Ephemeral 🔀
Surface V	Vater:	Р	resent 🔙	Abs	ent 🗴	
Perceptib	le Flow:	Р	resent	Abs	ent 🔀	
Water De	pth at Tha	alweg:		o"_inches	3	
Wetted Pe	erimeter V	Vidth:		<i>0</i> ″ feet		
Flow/Grad	dient Dire	ction:		South		
		Geomor	hologic C	haracterist	ics 🔻 🕌	
	Primary	/ Substrate Class:	S:L			
	•		Ī	Nidth (feet)		
		4	at DP	Min	Max	
		OHWM	2'	9'	2'	
		Top of Bank	3'	3′	31	
Bank Slop	e [Repor	ted as % or Horizo	ntal:Vertica	al(H:V)]:		
		Left: 30°	-58%			
		Right: 30°	-58%			



Bank Sta	bility Summa	y	
Stuble - Vocaluta	Bomks		
			· · ·
<u> </u>			
me as orbert			<u></u>
<u> </u>		· · · · · · · · · · · · · · · · · · ·	The state of the s
Habitat 0	Characteristic	S	
SAN TANK NAMED OF STREET, SAN TOWNS OF SAME LINES OF STREET, SAN THE S		CONTRACTOR STATEMENT OF THE STATEMENT OF	
oe:			<i></i>
erved:	Y	es No	<u> </u>
oe:			<del></del>
bserved:	Y	es 🔲 No 🛭	$\mathbf{y}$
oe:			
Riparian	Characteristic	S	
01-501- Road			
50'-150' ROW	GR Go Gold	denied, thisthe	, S. Knapraed
Listal Day "	<u> </u>		
-150' - UZOW -		· · · · · · · · · · · · · · · · · · ·	
and Present:	Y	es No S	<u>.                                      </u>
			<b></b>
cial Drain(s) Prese	nt: Ye	s 🗡 No	
Au.		oos	
Supplemental	Notes & Com	ments:	
mag-man-appropriate special and a second special speci	THIS SHOULD IN A COUNTY OF THE PARTY OF THE	新语号。但而用45分单之可多元人因为 <b>6</b> 为自身用的新启动。190次(	在转数面的配件分面的2000天安全的面包1000000000000000000000000000000000000
		······································	
<del></del>	·		
	Habitat Cent:  Perved	Habitat Characteristic ent: Pe: Perved: Poe: Poserved: Poe: Poserved: Poe: Poe: Poe: Poe: Poe: Poe: Poe: Poe	Habitat Characteristics  ent: Yes No Pee  Prived: Yes No Pee  Proved: Yes No Pee  Riparian Characteristics  cription (0' to 150' from TOB):  O'-SO'-Road  SO'-IST'-ROW, GR. Co Goldwood, Jh. 5th  -150'-Row-''  and Present: Yes No Pee  Cial Drain(s) Present: Yes No Pee  Supplemental Notes & Comments:



Ditch Fie	ld ID:	Ditch 003						
Data Poir	nt ID:	DP-017	Date:	8/8/19				
Project N	ame:	NG Batavia-Lockport Article VII	Project #:	190176				
Evaluator	r(s):	James Ireland						
County:		Miasera County	. State:	New York				
Jurisdiction	onal:	Yes No Y						
Lat:	43.142	263 Long:	78.679528					
	Light throughta	Jurisdictional Determination Cri	teria					
Yes	: No	Jurisdictional A	ttribute					
		1) Meets the USACE Definition of a Trib	•					
<b>V</b>	!	"a water that contributes flow, either direc	•					
_ ^	3	(including an impoundment) to a water the presence of the physical indicators of a be		•				
		high water mark"	eu anu bank,	and an ordinary				
		2) Supplementing Attributes (Must Satis	fy At Least 1	of 5 Below)				
	Х	a) Has Perennial Flow;						
	У	b) Has Intermittent Flow and is a Relo	cated Tributa	ary;				
	χ	c) Has Intermittent Flow and is Excava	ated in a Trib	outary;				
	<i>y</i>	d) Has Intermittent Flow and Drains Natural Water Bodies						
	,	(including wetlands);						
	X	e) Has Ephemeral Flow and is Excava	ated in or Re	located within a				
	. /	Tributary.						
		Hydrologic Characteristics						
Flow Reg	ime:	Perennial Intermitt	ent	Ephemeral 🔀				
Surface V	Vater:	Present Abs	ent 💢					
Perceptib	le Flow:	Present Abs	ent X					
Water De	pth at Tha	alweg:inches	 S					
Wetted Po	erimeter V	Vidth: <i>o ¹</i> feet						
Flow/Grad	dient Dire	ction: Soul						
		Geomorphologic Characterist	ics					
Primary Substrate Class: 5: L								
		Width (feet)						
		at DP Min	Max					
		OHWM 3. 3.	2'					
		Top of Bank 2' 2'	2'					
Bank Slop	oe [Repor	ted as % or Horizontal:Vertical(H:V)]:						
		Left: <u> </u>						
		Diabt: - d						



			mary	
Left Bank:	State - Verclated	Burk		
			***************************************	
D: 14 D 1				
Right Bank:	Some on Sorre	<del></del> .		
		····		
	– Laki	at Characteri	efice	
Aquatia Vagatatian	THE STREET STREET OF STREET ST		COLUMN COLUMN CONTRACTOR DE LA COLUMN CONTRACTOR DE LA COLUMN COL	No [. ]
Aquatic Vegetation If Yes, De			Yes	No k
Aquatic Organisms			Yes	No 🔀
If Yes, De	_			<u> </u>
Terrestrial Organism If Yes, De			Yes	No 🔽
	_ Ripar	an Character	istics	
Riparian Vegetation	Description (0' to 1	50' from TOB)	•	
•	ROW- 0'-150'.	•		C. Golder rock.
		,		·
			<del></del>	
Right:	0'-50'-Row- 50'-150'-ROW-			
	50'-150'- ROW-	Some as above		
Associated \ If Yes, ID	Wetland Present: :		Yes	No 🔀
Associated	Artificial Drain(s) Pr	esent:	Yes 🔀	No 🗍
If Yes, ID		009,010,011	<u> </u>	
	Supplemer	ntal Notes & C	omments:	
Non jurisdithosel			saekta at leti keftiir Adm aasik iliidifiisso aasa	
			·	
			<del></del>	
· · · · · · · · · · · · · · · · · · ·				
· · · · · · · · · · · · · · · · · · ·				



<b>Ditch Fie</b>	ld ID:	Ditch 004			_		
Data Poir	nt ID:	DP- 019		Date	: <u>8/8/19</u>		
Project N	ame:	NG Batavia-Lockp	ort Article	Project #	<i>‡</i> : 190176		
Evaluator	(s):	James Ireland		_			
County:		Nasora County		<del></del>	<sub>-</sub> State	e: New York	
Jurisdiction	onal:	Yes	No.				
Lat:	43.141	143		Long:	78.65357	5	
		Jurisdiction	nal Determ	nination Cri	teria 📗 🗀		
Yes	No		Juris	dictional A	ttribute		
		1) Meets the USA					
- <i>I</i>		"a water that con					
~		(including an imp	•			-	
		high water mark		cators of a be	ed and bank	, and an ordinary	
		2) Supplementing		(Must Satis	fy At Least	1 of 5 Below)	
	×	a) Has Perennia		(Wast Catio	ily At Least	1 Of a Below)	
	×	b) Has Intermitt		nd is a Relo	cated Tribu	itary;	
	×	c) Has Intermitt					
	×	d) Has Intermitt	ent Flow a	nd Drains N	atural Wate	er Bodies	
		(including we	etlands);	_			
	_ \	e) Has Epheme	ral Flow ar	nd is Excava	ated in or R	elocated within a	
	$\succ$	Tributary.				<u> </u>	
		Hydro	logic Cha	racteristics			
Flow Reg	ime:	Per	ennial	Intermitt	ent 🔨	Ephemeral	
Surface V	Vater:	Pi	resent 💢	Abs	ent		
Perceptib	le Flow:	Pi	resent	Abs	ent 🔀		
Water De	pth at Tha	ılweg:	<u></u>	了″inches	8		
Wetted Pe	erimeter V	Vidth:		<b></b> feet			
Flow/Grad	dient Direc	ction:		Soul			
		Geomorp	hologic C	haracterist	ics		
	Primary	Substrate Class:	S=L				
Width (feet)							
			at DP	Min	Max		
		OHWM	51	51	s c		
		Top of Bank	121	1,2'	الدا		
Bank Slop	e [Report	ted as % or Horizoi	ntal:Vertica	l(H:V)]:			
		Left: <u> </u>	- 100%				
		Right: 45°	- 100clu				



	Bank Stability Sur	mmary
Left Bank:	Smylo- Veselahled Newgrass	
Right Bank:	Some or alone	
·g =	TOTAL WY MANAGE	
	Habitat Character	ristics
Aquatic Vegetation If Yes, De		Yes No 🔀
Aquatic Organisms If Yes, De		Yes No 🗸
Terrestrial Organism If Yes, De		Yes No 🔀
	Riparian Characte	ristics
Riparian Vegetation	Description (0' to 150' from TOE	3):
Left: _	O'- SC' - Road	
	0'-50'-Road Soi-150'- ROW-RCgras, S	Kongreed, herdock, Q. Ann's lose
•	<del></del>	
Right: _	0-150' - Some on Row above	
-		
	Wetland Present:	Yes No X
If Yes, ID:		
Associated A If Yes, ID:	Artificial Drain(s) Present:	Yes \[ \gamma \] No \[ \]
	Supplemental Notes &	Comments:
Nen jursdichal	Roaderche Ditch	
	***************************************	



Ditch Fie	ld ID:	Ditch (	)05						/ /
Data Poir	nt ID:	DP- 00					Da	ıte: ˌ	8/12/19
Project N			avia-Lock	port Arti	<u>cle VI</u>		Project	t#: .	190176
Evaluator	r(s):	James I	reland					<del></del>	
County:				Ninga	ra la	unk	Sta	ıte:  .	New York
Jurisdiction	onal:		Yes	×	No L				
Lat:	43.14					.ong: <u>;</u>		3 <i>84</i>	•
		Ju	risdictio	TANKS IN CORPORATE	WWW.0000000000000000000000000000000000	ation Cri	propagation and an income		
Yes	No		4 44	E. M. CORONA CASSILLA DI LA SAGRAGIA DI	Mrs. sechilist seelit likes	ictional A			
	,	,				n of a Trib	•	م مام،	un athan water
χ						a water tha			nother water
/ `									nd an ordinary
			ater mark					, •	
		2) Supp	lementin	g Attribu	ites (N	/lust Satis	fy At Lea	st 1	of 5 Below)
		a) Ha	s Perenn	al Flow;					
		b) Ha	s Intermit	tent Flov	w and	is a Relo	cated Tril	outa	ry;
						is Excava			
X						Drains N	atural Wa	iter l	Bodies
	•	·	cluding w						
				eral Flov	v and	is Excava	ited in or	Relo	ocated within a
		Tri	butary.				·····		
			Hydro	ologic C	hara	cteristics			
Flow Reg	ime:		Pe	rennial [		Intermitte	ent		Ephemeral 🔀
Surface V	Vater:		P	resent [		Abs	ent 🔀		par the
Perceptib	le Flow:		P	resent [		Abse	ent 🔀		•
Water De	pth at Tha	lweg:		_	· · ·	inches	, — <u> </u>		
Wetted Pe	erimeter V	Vidth:			0	feet			
Flow/Grad	dient Direc	ction:		_	No	14			
			Geomor <sub>l</sub>	ohologi	c Cha	racteristi	os .		
	Primary	Substrat	te Class:						
					Wic	ith (feet)			
				at D	Р	Min	Max		
			OHWM	1		1'	/1		
		Тор	of Bank	4'	′	41	4'		
Bank Slop	e [Report	ed as %	or Horizo	ntal:Ver	tical(F	H:V)]:			
		Left: _	400 -	8406					
		Piaht.	1110 -	21101					



	Stability Summary
Left Bank: Shylo-Veschted	Bunks, compact soil
Dight Dank:	
Right Bank: <u>Som nabove</u>	
Habit	tat Characteristics
Aquatic Vegetation Present:	Yes No 🔀
If Yes, Describe:	190110
Aquatic Organisms Observed:	Yes No 🗴
If Yes, Describe:	
Terrestrial Organisms Observed:	Yes ☐ No ✓
If Yes, Describe:	
Ripar	ian Characteristics
Riparian Vegetation Description (0' to 1	50' from TOB):
Left: 0'-50'- Read	
501-150-ROW - R	sed Caray, Sp. knapred
Dight of use S all	1.0.10
Right: 0'-150 - Spoked king	weed ; been langer grass
Associated Wetland Present:	Yes No X
If Yes, ID:	
Associated Artificial Drain(s) Pr	esent: Yes 📈 No
	1,40-018
Supplemer	ntal Notes & Comments:
	PSC
the Junsdictional roudside dilets	



<b>Ditch Fie</b>	ld ID:	Ditch Ool							
Data Poir	nt ID:	DP-025		Date	э:	8/13/19			
Project N	ame:	NG Batavia-Lock	port Article V	Project 7		190176			
Evaluator	r(s):	James Ireland		_					
County:		. <del>-</del>	Ningara		State	e: <u>N</u>	ew York		
Jurisdiction	onal:	Yes	No No	×					
Lat:	43.140	, 481		Long: <del>_</del>	78.62917	75			
	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Jurisdictio	onal Determi	nation Cri	teria				
Yes	No .		The state of the s	lictional <mark>A</mark>	and out the little of the latest				
		1) Meets the US							
		"a water that co			-				
X		(including an im presence of the					•		
,		high water mark	• •		o and bank	t, and	an ordinary		
		2) Supplementin		Must Satis	fy At Least	1 of	5 Below)		
	×	a) Has Perenn	ial Flow;						
	×	b) Has Intermi	ttent Flow and	l is a Relo	cated Tribu	utary			
* .	<b>&gt;</b>	c) Has Intermit							
	>	d) Has Intermi		d Drains N	atural Wat	er Bo	odies		
		(including v							
	>	e) Has Ephem	eral Flow and	l is Excava	ted in or R	Reloc	ated within a		
		Tributary.							
		Hydr	ologic Chara	cteristics		3 p 3			
Flow Reg	ime:	Pe	rennial	Intermitte	ent		Ephemeral 🔀		
Surface V	Vater:	F	Present	Abs	ent 🔀				
Perceptib	le Flow:	F	Present	Abs	ent 🔀				
Water De	pth at Tha	ılweg:	0	inches	;				
Wetted Po	erimeter V	Vidth:		'feet					
Flow/Grad	dient Dire	otion:		Souly			<u> </u>		
		Geomor	phologic Ch	aracteristi	cs				
	Primary Substrate Class:								
			Wi	dth (feet)					
			at DP	Min	Max				
		OHWM	, '	1'	2'				
	Top of Bank グ ぴ lớ								
Bank Slop	e [Report	ted as % or Horizo	ontal:Vertical(	H:V)]:					
		Left: <u> </u>	-46 de						
		Diaht: a 0	- 1-01						



	Bank S	tability Sun	ımary	
Left Bank: _	Stable - vegetated Bo	anks		
			············	
Diaht Dank				
Right Bank: _	Sane ar elseve			
	<del></del>			
	Lable	t Character	stics " "	
Aquatic Vegetation P	ACCOUNTS A SECURITION OF THE S	pedrikara di ebalajan eks <sub>i</sub> sedan seleban kult.	Yes No	
If Yes, Des			165 140 _	
Aquatic Organisms C			Yes No	$\overline{\mathbf{x}}$
If Yes, Des				<del></del>
Terrestrial Organisms	s Observed:		Yes No	X
If Yes, Des	cribe:			
	Riparia	n Character	istics	
Riparian Vegetation I		0' from TOB)	):	
Left: _	01-501- Road			
	50'-150'- ROW- Cal	tail, P. Locsosti.	<u>ૄ</u>	
Right: _	01-150' - Row - Tensal,	C. geldensent	p lastile	
-			<del></del>	
Associated W	/etland Present:		Yes No	$\overline{\Diamond}$
If Yes, ID:			. 50 110 _	
Associated A	rtificial Drain(s) Pres	sent:	Yes 🗴 No	
If Yes, ID:	· · · · · · · · · · · · · · · · · · ·	10, AD-COI		
	Supplement	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	Comments:	
Nen - Trusdichen.	I radsole of tel			
			······································	
		"_ · · · · · · · · · · · · · · · · · · ·		
			<del></del>	<del></del>
	<u>-</u>	<u>.                                    </u>		



Ditch Fie	ld ID:	Ditch 007							
Data Poir	nt ID:	DP- 033				_ Da	te:	\$ /13/19 190176	
Project N	ame:	NG Batavia-Loc	kport Art	icle VII		Project	#:	190176	
Evaluator	r(s):	James Ireland							
County:		Ningara Count	ty			_ Sta	ite: ˌ	New York	
Jurisdiction	onal:	Yes	4/2	No 🖸					
Lat:	<u> 43.1º</u>	10572		Lo	ong:	78.6290	717		
in approximation		Jurisdict	ional Det	ermina	ation Cri	teria			
Yes	No		uku da j	urisdio	ctional <u>A</u>	ttribute			
		1) Meets the U							
<b>X</b>		"a water that o							
X		(including an i						zed by the nd an ordinary	
		high water ma		illuicat	015 UI a D	eu anu bai	in, a	nd an ordinary	
		2) Supplement		utes (M	ust Satis	fy At Leas	st 1	of 5 Below)	
	x	a) Has Peren	<del></del>	<del></del>	<del></del>	<u> </u>			
	<b>×</b>	b) Has Intern	nittent Flo	w and	is a Relo	cated Trik	outa	ry;	
	〉	c) Has Interm	ittent Flo	w and i	s Excava	ated in a	Γribι	ıtary;	
		d) Has Intern	nittent Flo	w and	Drains N	atural Wa	iter I	Bodies	
	×	(including	(including wetlands);						
	×		neral Flo	w and i	s Excava	ated in or	Relo	ocated within a	
		Tributary.							
		Hyo	lrologic (	Sharac	teristics				
Flow Reg	ime:	P	erennial		Intermitt	ent		Ephemeral 🔀	
Surface V	Vater:		Present		Abs	ent 🔀			
Perceptib	le Flow:		Present		Abs	ent 🔀			
Water De	pth at Tha	alweg:		<u> </u>	inche	3			
Wetted Po	erimeter \	Vidth:		O'	feet				
Flow/Grad	dient Dire	ction:		اره ک	<u>بر</u>				
		Geomo	rphologi	c Chai	acterist	ics			
	Primary Substrate Class:								
				Wid	th (feet)				
			at D	)P	Min	Max			
		OHW	1 2	<b>'</b>	ð.	2'			
		Top of Ban	k 5	<u>′                                     </u>	<b>3</b> ′	5'			
Bank Slop	e [Repor	ted as % or Hori	zontal:Ve	rtical(H	:V)]:		,		
		Left:25 <u>*</u>	- 4700	6					
		Charleto a s							



	Bank Stability S	ummary
Left Bank:Ջևկ	1 - Vegetale / Banks	
·		
Distribution of	^	· · · · · · · · · · · · · · · · · · ·
Right Bank: <u>&amp;e</u>	an above.	
	Habitat Charact	taristics
Aguatia Vagatatian Brasan	# [CARE-THE COLD   1 STATES   1 SAUDO OF COLD   2 SAUDO OF COLD	
Aquatic Vegetation Presen If Yes, Describe:	l.	Yes No 🗓
Aquatic Organisms Observ	ed:	Yes No 📡
If Yes, Describe:	<i></i>	1.00 [ 1.00 [ ]
Terrestrial Organisms Obse	erved:	Yes No 😾
If Yes, Describe:	<del> </del>	
	Riparian Charac	teristics
Riparian Vegetation Descri	ption (0' to 150' from To	OB):
Left: _ <i>_ ( - / - /</i> )	50' - NL-017 - Puple	Loosestife, Flat up GR, Cutter Flase 1
1/2-0	uttail	
Right: <u>Sam</u>	analove	
· · · · · · · · · · · · · · · · · · ·		
Associated Wetland	Present:	Yes 🗴 No
If Yes, ID:	WL-012	103 <u>F</u> 110
Associated Artificia		Yes 🔀 No
If Yes, ID:	AD-024, AD-25	
	Supplemental Notes	& Comments:
Non justalitetional Aradso	STATE OF THE PROPERTY OF THE P	
	· · · · · · · · · · · · · · · · · · ·	



Ditch Fie	ld ID:	Ditch Ovs				
Data Poir	nt ID:	DP-037		Date:		
Project N		NG Batavia-Lock	ort Article VI	<u> </u>	Project #:	190176
Evaluator	(s):	James Ireland		*		
County:		Magara County			State:	: New York
Jurisdiction		Yes	No [	<b>&gt;</b>		
Lat:	43, 140	114	L	.ong:	78.614746	
	in the state of	Jurisdictio	nal Determin	ation Crit	eria .	
Yes	No		Jurisd	ctional A	ttribute	
		1) Meets the USA			•	
		"a water that cor				
X		(including an impose of the presence of the pr	•			· · · · · · · · · · · · · · · · · · ·
		high water mark'	•	tors or a be	a and bank,	and an ordinary
		2) Supplementing		/lust Satist	fy At Least	1 of 5 Below)
	X	a) Has Perenni	<del> </del>			
	X	b) Has Intermitt				
	入	c) Has Intermitt				
	>	d) Has Intermitt		Drains Na	atural Wate	r Bodies
	/`	(including w	•			
	>		eral Flow and	is Excava	ted in or Re	elocated within a
		Tributary.				
A Section 1		Hydro	logic Chara	cteristics		
Flow Reg	ime:	Per	ennial	Intermitte	ent	Ephemeral 🔀
Surface V	Vater:	P	resent 🔀	Abse	ent 🔲	
Perceptib	le Flow:	. P	resent	Abse	ent 🔀	
Water De	pth at Tha	lweg:		inches		
Wetted Pe	erimeter V	Vidth:	2	feet		
Flow/Grad	dient Direc	ction:	56	4		·
		Geomorp	hologic Cha	racteristi	cs	Anticipation for the second of
	Primary	Substrate Class:	S.LC			
	•		Wid	th (feet)		
			at DP	Min	Max	
		OHWM	2'	2'	3'	
		Top of Bank	E5'	s'	<i>د</i> ٠	
Bank Slop	e [Report	ed as % or Horizo	ntal:Vertical(ŀ	H:V)]:		
		Left: <u> </u>	70%			
Right: 30 5 -58 %						



Banl	s Stability Summary
Left Bank: Stable - Veschles	1 Banks
	· ;
Right Bank: Same as a leve	
NIGHT BAHK. Same as a tave	<del></del>
Hab	itat Characteristics
Aquatic Vegetation Present:  If Yes, Describe:	Yes No 🛌
·	Vaa 🗆 Na 🗀
Aquatic Organisms Observed:  If Yes, Describe:	Yes No Z
Terrestrial Organisms Observed:  If Yes, Describe:	Yes No 🗵
Ripa	rian Characteristics
Riparian Vegetation Description (0' to	150' from TOB):
Left: 0'-50'- Road	· · · · · · · · · · · · · · · · · · ·
Left: 0'-50'- Read SU'-150'- Row - Huy	that has been marked
<del> </del>	
Right. 0 - 750 - 1000 - 1	ly, at lent usal, M. Ikweel
Associated Wetland Present:  If Yes, ID:	Yes No 🗡
Associated Artificial Drain(s) P	
Suppleme	ntal Notes & Comments:
Non jurisductional roudered a	



Ditch Fie	ld ID:	Ditch	064										
Data Poir	it ID:	DP- 0							_	Date:		8/14/19	
Project N			ıtavia-Lo		ort Art	ticle V	1		Pro	ject #:		190176	
Evaluator	(s):		Ireland							2			
County:		Niagaro	Cour	nty					_	State:	Ne	w York	<del></del>
Jurisdiction	nal:	9	Yes			No	X						
Lat:	43.14	१०३४३				l	_ong:		78. bl	<u> </u>			
		ar (min orași)	Jurisdic	tior	nal De	termir	natio	n Cri	iteria	i Grigoria			
Yes	No				with a shirt start and the	#P\$1/2/2/2015 RESERVE	ELORETE AND SERVICE	SKULLIKARIA CIUNI	Attribu	te			
			ets the l										
												her water	
X	·		uding an			•						an ordinary	,
			water m	-	-	ii ii idice	alois (	лар	cu anu	Dank,	and c	ari Ordinary	
						utes (l	Vlust	Satis	sfy At L	_east 1	of 5	Below)	
	Х		as Pere					_				<u></u>	
	×	b) H	as Inter	mitte	ent Flo	w and	l is a	Relo	cated	Tribut	ary;		
	>	c) H	as Inter	mitte	ent Flo	w and	l is E	xcav	ated ir	a Trik	utar	y;	
	>	d) H	as Inter	mitte	ent Flo	w and	Dra	ins N	latural	Water	Boo	lies	
	/	(	includin	g we	etlands	s);							
	<u> </u>	e) H	as Ephe	eme	ral Flo	w and	is E	xcava	ated in	or Re	loca	ted within	а
		T	ributary	<u>'.                                    </u>									
			Hy	dro	logic	Chara	cteri	stics			i, j		
Flow Reg	ime:			Per	ennial		Inte	ermitt	tent [		Ε	phemeral	×
Surface V	Vater:			Pr	esent			Abs	ent 📐				
Perceptib	le Flow:			Pr	esent			Abs	ent 🛚	ĸ			
Water De	pth at Tha	alweg:					ir i	nche	S				
Wetted Po	erimeter \	Vidth:					f	eet					
Flow/Grad	dient Dire	ction:					145					_	
			Geom	orp	holog	ic Cha	aract	erist	ics .				
	Primary	/ Substr	ate Clas	ss:	<	s:lc			•			_	
			•	[		Wi	dth (	feet)					
					at [	DP	М	in	Ma	X			
			OHV	/M [	ಶ,		2		2'				
		To	op of Ba	nk	Š	′	3		6'				
Bank Slop	e [Repor	ted as %	% or Hor	rizor	ntal:Ve	rtical(	H:V)]	:					
		Left			8400								
		Right	300	- 4	801.								



Data Point ID: DP- 0 4み

Bank	s Stability Summary
Left Bank: Souls - Veyelaled 1	Banks
D: 14 D	
Right Bank: Some on above.	
· ·	<del></del>
Hab	itat Characteristics
Aquatic Vegetation Present:	Yes No x
If Yes, Describe:	103 140 _X_
Aquatic Organisms Observed:	Yes No 🔀
If Yes, Describe:	
Terrestrial Organisms Observed:	Yes No X
If Yes, Describe:	
Ripa	rian Characteristics
Riparian Vegetation Description (0' to	150' from TOB):
Left: O'-&' Road	
50'-150 - ROW -	Mikroed, Queen Anis, Kay
Right: <u>O'-'\$6'- ₽0√ , c.</u>	Mert, May, M. Hwerd
Associated Wetland Present:	Yes No 😾
If Yes, ID:	Les [ ] MO [ X
Associated Artificial Drain(s) P	resent: Yes 🗴 No
If Yes, ID:	<del></del>
Suppleme	ntal Notes & Comments:
Non justed channel condende dette.	
THE SMECKED OF SOME SOUTH	
	The second secon



<b>Ditch Fie</b>	ld ID:	Ditch 610				•	
Data Poin	t ID:	DP- 0493		Date:	8/14/19		
Project Na	ame:	NG Batavia-Lockport Article VII			Project #:	190176	
Evaluator	(s):	James Ireland					
County:		Ninger County	Ninger County St				
Jurisdiction	nal:	Yes	[文] No [				
Lat:	43.1405	705	L	.ong: <u> 7</u>	8.609401		
		Jurisdictio	nal Determin	ation Crit	eria		
Yes	No.	Jurisdictional Attribute					
		1) Meets the USA			•		
		"a water that cor				T .	
Х		(including an imp	•			•	
·		presence of the high water mark'		lors or a be	u anu bank, c	and an ordinary	
		2) Supplementing		/lust Satist	fy At Least 1	of 5 Below)	
	<i>&gt;</i>	a) Has Perenni			<u> </u>		
	>	b) Has Intermit	tent Flow and	is a Relo	cated Tributa	ary;	
- -	<i>&gt;</i>	c) Has Intermitt	ent Flow and	is Excava	ted in a Trib	utary;	
X		d) Has Intermit		Drains Na	atural Water	Bodies	
		(including w					
	×	e) Has Epheme	eral Flow and	is Excava	ted in or Rel	ocated within a	
		Tributary.					
		Hydro	ologic Chara	cteristics			
Flow Reg	ime:	Per	rennial	Intermitte	ent 🔀	Ephemeral	
Surface V	√ater:	Р	resent	Abse	ent 🔀		
Perceptib	le Flow:	Р	resent	Abse	ent 🔀		
Water De	pth at Tha	ılweg:	CI	inches	}		
Wetted Pe	erimeter V	Vidth:	0.	 feet			
Flow/Grad	dient Direc	ction:	Sul	4			
		Geomorp	ohologic Cha	racteristi	CS		
	Primary	Substrate Class:	S:lC				
•	•			th (feet)			
			at DP	Min	Max		
		OHWM	4'	3′	5'		
		OI IV VIVI	1 / 1	ا ح			
		Top of Bank	6'	2,	8'		
Bank Slop	e [Report	Top of Bank ted as % or Horizo	ntal:Vertical(F	5'	S		
Bank Slop	oe [Report	Top of Bank ted as % or Horizo	6'	5'	8.		



Bank Sta	bility Summary
Left Bank: Shill- Vegether Banks	
Right Bank: Some on above.	to the second se
Tight Danie	
Habitat (	Characteristics
Aquatic Vegetation Present:  If Yes, Describe:	Yes No 🔀
Aquatic Organisms Observed:  If Yes, Describe:	Yes No No
Terrestrial Organisms Observed:  If Yes, Describe:	Yes No 🕌
Riparian	Characteristics
Riparian Vegetation Description (0' to 150'	from TOB):
Left: 0'-150' - Upland R	av - Cubent Tousal, Oven Assistance, C.GR
Right: Of SC' . O	11 180,0
50'-150' - William	- Swamp nillwood, Care spp. P. Lossestile
	300)
Associated Wetland Present:  If Yes, ID:	Yes No X
Associated Artificial Drain(s) Prese If Yes, ID:	nt: Yes No 🔀
Supplemental	Notes & Comments:
Fer drawings diles that flows with in	a DEC wolland AA



<b>Ditch Fie</b>	ld ID:	Ditch old							
Data Poin	it ID:	DP- 050	Date						
Project Name: NG Batavia-Lockport Article VII				Project #	190176				
Evaluator(s): James Ireland									
County:	County: Niacoca County				State	: New York			
Jurisdiction	nal:	Yes	Yes 🤼 No 🔏						
Lat:	43.140	224	224 Long: -78.5966						
		Jurisdiction	Jurisdictional Determination Criteria						
Yes	No		Jurisdi	ctional At	ttribute				
		1) Meets the USA			•				
	,	"a water that con			-				
$\times$	E .	(including an imp	•			•			
	:		-	tors of a be	a and bank	, and an ordinary			
		high water mark' 2) Supplementing		Aust Satisf	v At Least	1 of 5 Below)			
	×	a) Has Perennia		Taot Gation	y / it Loudt	1 Of O Below)			
	×	b) Has Intermitt		is a Reloc	ated Tribu	tary;			
	<b>×</b>	c) Has Intermitt							
		d) Has Intermitt	ent Flow and	Drains Na	atural Wate	er Bodies			
	×	(including we	etlands);						
	×	e) Has Epheme	ral Flow and	is Excava	ted in or Re	elocated within a			
	/-	Tributary.							
		Hydro Hydro	logic Chara	cteristics					
Flow Reg	ime:	Per	ennial	Intermitte	ent	Ephemeral ×			
Surface V	Vater:	Pi	resent	Abse	ent 😾				
Perceptib	le Flow:	P	resent	Abse	ent 🔀				
Water De	pth at Tha	ılweg:		' inches					
Wetted Pe	erimeter V	Vidth:	C						
Flow/Grad	dient Direc	ction:	$\mathcal{N}_{\circ}$	124					
		Geomorp	hologic Cha		cs ·				
74, 35 Life, \$1,000, 3 Life, 37 Life, 1100	Primary	Substrate Class:	S:(C	128 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	27 May 10	and the control of th			
				ith (feet)					
			at DP	Min	Max				
		OHWM	1'	1.	<i>ਹ'</i>				
		Top of Bank	37'	7'	5'				
Bank Slor	e [Report	ed as % or Horizo	ntal:Vertical(F						
		Left: مركات ا	•	74"					
Right: 20° - 36%									



	ability Summary
Left Bank: Shill Vac Laked Bank	5
	· · · · · · · · · · · · · · · · · · ·
Dialet Danks 0	
Right Bank: <u>Lone as shore</u>	And the second s
Habitat	Characteristics
Aquatic Vegetation Present:	Yes No K
If Yes, Describe:	1 es 1 1 0 _
Aquatic Organisms Observed:	Yes No 🖹
If Yes, Describe:	1001
Terrestrial Organisms Observed:	Yes No λ
If Yes, Describe:	
Riparian	Characteristics
Riparian Vegetation Description (0' to 150	' from TOB):
Left: O'c150'- Walland 1	7 - D. Lasedik, Bonnet Flalley.
Right: 0'-50' Rad	
50'152' Upland state	Milkwed , Of's lace Comby Oddnas
Associated Watland Dresont	Vas Na 🗔
Associated Wetland Present: If Yes, ID:	Yes Y No
Associated Artificial Drain(s) Prese	
If Yes, ID: AD -038	ent. res [r] No []
	l Notes & Comments:
New jusischehand condition distrib	



Ditch Fie	ld ID:	Ditch G/2				, ,
Data Poir	nt ID:	DP- 053			Date:	8/15/19
Project N	ame:	NG Batavia-Lock	oort Article VII	F	Project #:	190176
Evaluator	r(s):	James Ireland	,			
County:		Niagara County			State:	New York
Jurisdiction	onai:	Yes	No x	]		
Lat:	43.1399	24	Lor	ng: <u>~78.5</u>	73941	
		Jurisdiction	nal Determinat	ion Criteri	<b>a</b>	
Yes	No		Jurisdict	ional Attri	bute	
		1) Meets the USA			•	
			ntributes flow, eith	-	_	
χ			poundment) to a v			-
^	:	high water mark	physical indicator	s of a bed a	ına bank, a	and an ordinary
		2) Supplementing		st Satisfy A	At Least 1	of 5 Below)
·	×	a) Has Perenni				
	X	b) Has Intermit	tent Flow and is	a Relocate	ed Tributa	ıry;
	×	c) Has Intermitt	tent Flow and is	Excavated	l in a Trib	utary;
		d) Has Intermitt	tent Flow and D	rains Natu	ral Water	Bodies
	X	(including w	etlands);			
	Х		eral Flow and is	Excavated	in or Rel	ocated within a
	/ <b>\</b>	Tributory				
		Tributary.	•			
			ologic Characte	eristics		
Flow Reg	ime:	Hydro		eristics ntermittent		Ephemeral 🔀
Flow Reg Surface V		Hydro Per		0273C44 (20004-00-0109128181 982 181 181 181 181		Ephemeral >
•	Vater:	Hydro Per P	rennial Ir	ntermittent		Ephemeral 🔀
Surface V	Vater: le Flow:	Hydro Per P	rennial Ir	ntermittent Absent		Ephemeral 🟏
Surface V	Vater: le Flow: pth at Tha	Hydro Per P P alweg:	rennial Ir resent  resent	ntermittent Absent Absent inches		Ephemeral
Surface V Perceptib Water De	Vater: le Flow: pth at Tha erimeter V	Hydro Per P Alweg: Vidth:	rennial Ir resent resent	ntermittent Absent Absent		Ephemeral >
Surface V Perceptib Water De Wetted Pe	Vater: le Flow: pth at Tha erimeter V	Hydro Per P Alweg: Vidth:	rennial Ir resent resent	ntermittent Absent Absent inches feet	V	Ephemeral 🔀
Surface V Perceptib Water De Wetted Pe	Vater: le Flow: pth at Tha erimeter V dient Direc	Hydro Per P Alweg: Vidth:	rennial Ir resent G"  G"  South	ntermittent Absent Absent inches feet	V	Ephemeral 🔀
Surface V Perceptib Water De Wetted Pe	Vater: le Flow: pth at Tha erimeter V dient Direc	Hydro Per P Alweg: Vidth: ction: Geomorp	rennial Ir resent G' G' South  Chologic Chara	Absent Absent Absent inches feet cteristics	V	Ephemeral 💉
Surface V Perceptib Water De Wetted Pe	Vater: le Flow: pth at Tha erimeter V dient Direc	Hydro Per P Alweg: Vidth: ction: Geomorp	rennial Ir resent G G G S O Chologic Chara S: LC Width	Absent Absent inches feet cteristics	V	Ephemeral 🔀
Surface V Perceptib Water De Wetted Pe	Vater: le Flow: pth at Tha erimeter V dient Direc	Hydro Per P Alweg: Vidth: ction: Geomorp	rennial Ir resent G G G S O Chologic Chara S: LC Width	Absent Absent Inches feet  cteristics (feet)	<u> </u>	Ephemeral 💉
Surface V Perceptib Water De Wetted Pe	Vater: le Flow: pth at Tha erimeter V dient Direc	Hydro Per P Ilweg: Vidth: ction: Geomorp	rennial Ir resent G' G' South  Chologic Chara  S.CC  Width  at DP	Absent Absent inches feet  cteristics	Лах	Ephemeral >
Surface V Perceptible Water De Wetted Per Flow/Grade	Vater: le Flow: pth at Tha erimeter V dient Direct	Hydro Per P Alweg: Vidth: ction: Geomorp Substrate Class: OHWM Top of Bank	rennial Ir resent G  G'  South  Chologic Chara  S.C  Width  at DP  2'  L'	Absent Absent Inches feet  cteristics  (feet)	Max 3′	Ephemeral 🔀
Surface V Perceptible Water De Wetted Per Flow/Grade	Vater: le Flow: pth at Tha erimeter V dient Direct	Hydro Per P alweg: Vidth: ction: Geomorp Substrate Class:	rennial Ir resent C  C'  Sour  Chologic Chara  S.C  Width  at DP  C'  L'  ntal:Vertical(H:\	Absent Absent Inches feet  cteristics  (feet)	Max 3′	Ephemeral >



	Bank Stabili	ty Summary	
Left Bank:	Sulle: Vegelated Banks		
-			
- Right Bank	Som an above		
raght Bank	Down or Will		
_			
	Habitat Cha	racteristics	
Aquatic Vegetation F		Yes No	*
Aquatic Organisms ( If Yes, De		Yes No	
Terrestrial Organism If Yes, De		Yes No	<u>&gt;</u>
	Riparian Cha	aracteristics	
Riparian Vegetation	Description (0' to 150' from	n TOB):	
Left: _	61.50' ROAD	***	
-	50'-190' - Mened Field		
- Right:	0'-150' - Open grass field		
·g	Jungras Fra		
_			
Associated V If Yes, ID:	Vetland Present:	Yes No	
Associated A If Yes, ID:	Artificial Drain(s) Present:	Yes 🗡 No	
	Supplemental No	tes & Comments:	
Non justichenal 1	Londsede deten		este de se de la grapa de la comercia de la companión de la grapa de la grapa de la comercia de la grapa de la
		W	
	······································		



Ditch Fie	ld ID:	Ditch 013			_	
Data Poir	nt ID:	DP- 057			Date:	8/16/19
Project N	ame:	NG Batavia-Lock	ort Article V	Project #:		
<b>Evaluator</b>	(s):	James Ireland				
County:		Niggara County			. State:	New York
Jurisdiction	onal:	Yes	No No	X		
Lat:	43.14001	0		Long:7	8. 596104	
rija (2005) Sagartar sa di		Jurisdictio	nal Determi	nation Cri	teria	
Yes	No		Juriso	dictional A	ttribute	
		1) Meets the USA			•	
		"a water that cor			-	
X		(including an imp	•			· ·
,		presence of the		ators of a b	ed and bank,	and an ordinary
		high water mark'			<u> </u>	4 (55)
•		2) Supplementing		Must Satis	fy At Least	1 of 5 Below)
	<u> </u>	a) Has Perenni	···			
	>	b) Has Intermitt				-
	ン	c) Has Intermitt				•
	4	d) Has Intermitt	ent Flow an	d Drains N	atural Wate	r Bodies
•	*	(including w	etlands);			
	X	e) Has Epheme	eral Flow and	d is Excava	ited in or Re	located within a
·		Tributary.				
		Hydro	logic Char	acteristics		
Flow Reg	ime:	Per	ennial	] Intermitt	ent	Ephemeral 🔀
Surface V	Vater:	P	resent	Abs	ent 😾	
Perceptib	le Flow:	P	resent	Abs	ent 🔽	
Water De	pth at Tha	alweg:		inches نات	3	
Wetted Pe	erimeter V	Vidth:		g feet		
Flow/Grad	dient Dire	ction:		un		
		Geomorp	hologic Ch	aracterist	ics	
	Primary	Substrate Class:	<u> </u>			
			L W	idth (feet)		
		4	at DP	Min	Max	
		OHWM	ລ '	<i>J</i> ·	3'	
		Top of Bank	6'	\$'	ワ	
Bank Slor	e (Repor	ted as % or Horizo	ntal:Vertical	(H:V)1:		
	• 1	Left: 35° -:		. /4		
		Right: 250 3	41			



THE PROPERTY OF THE PROPERTY O	ability Summary
Left Bank: Soull - Vegetabet Banks	
Right Bank: Same above	. :
Night Bank. Dames above	
Habitat	Characteristics
Aquatic Vegetation Present:	Yes No 🕆
If Yes, Describe:	
Aquatic Organisms Observed:  If Yes, Describe:	Yes No 🕝
Terrestrial Organisms Observed: If Yes, Describe:	Yes No 🔽
	n Characteristics
Riparian Vegetation Description (0' to 150	)' from TOB):
Left: <u>0'.150'- WL-018, F</u>	Lastite M Grass Phing, begges Licks
Right: O'sc'- Pont	
5-150 - Wellow 1 C17	, Some veges Cl-OF
Associated Wetland Present:	Yes X No
If Yes, ID:んし - o,	
Associated Artificial Drain(s) Pres	ent: Yes No
If Yes, ID:	
Supplementa	il Notes & Comments:
Non Jusdich al Ronds. de Dirch	
	·



Ditch Fie	ld ID:	Ditch 614								
Data Poir	it ID:	DP- 058				Date	: <u>8/</u>	14/19		
Project N		NG Batavia-Lockport Article VII Proje					:1	90176		
Evaluator	(s):	James Ireland								
County:		Ningara County				State	: <u>New Y</u>	ork		
Jurisdictio		Yes		No	کا					
Lat:	43.13982	13		L	ong: <u>-</u> _	8. 573729				
Yes	No	Jurisdictional Determination Criteria Jurisdictional Attribute								
on the second Philosopher Student Sheet Lab (1992) and certify	erson on the different debooks from the	1) Meets the US	ACE De	finition	of a Trib	utary	1111 Stram (1848-1955)   111 Aug 12 Aug 12 Aug 12 Aug 12 Aug 12 Aug 12 Aug 12 Aug 12 Aug 12 Aug 12 Aug 12 Aug	Commission and a second speakers and more than a contradiction		
		"a water that co				-				
×		(including an im	•	-			-			
		presence of the		indicat	tors of a be	ed and bank,	and an o	rdinary		
		high water mark		.1 /1		£. A.I	4 -4 C D -	1		
		2) Supplementing			iust Satis	iy At Least	1 01 5 B6	iow)		
	×	a) Has Perenn		<u> </u>	ia a Dala	d Tulle	·			
		b) Has Intermit								
:	<u> </u>	c) Has Intermit								
	>	d) Has Intermittent Flow and Drains Natural Water Bodies (including wetlands);								
	ኦ	e) Has Epheme Tributary.	eral Flov	w and	is Excava	ited in or Re	elocated	within a		
		Hydr	ologic (	Charac	teristics					
Flow Reg	ime:	Pe	rennial		Intermitt	ent	Ephe	emeral 🔀		
Surface V	Vater:	F	resent		Abs	ent 🔀				
Perceptib	le Flow:	F	resent		Abs	ent 🗡				
Water De	pth at Tha	alweg:		0'	inches	6				
Wetted Po	erimeter V	Vidth:		04	feet					
Flow/Grad	dient Dire	ction:		<u>S 6.</u>	14					
		Geomor	phologi	c Cha	racterist	CS				
	Primary	Substrate Class:	<u>S:L</u>	C C						
				Wic	th (feet)					
			at D	)P	Min	Max				
		OHWM	∂.		2'	<i>∂</i> .				
		Top of Bank	51		5 "	5'				
Bank Slop	e [Repor	ted as % or Horizo	ntal:Ve	rtical(F	l:V)]:					
•	- <b>•</b>	Left: <u> </u>								
		Right 250	- 7.0/							



	Bank Stability Summary
Left Bank: <u>&amp; Luy. Voyce</u>	held Books
· <del></del>	
Right Bank: Samu as ab	
Mylle Dalle. Dane as ab	we
	Habitat Characteristics
Aquatic Vegetation Present:  If Yes, Describe:	Yes No 🗡
Aquatic Organisms Observed: If Yes, Describe:	Yes No ⊱
Terrestrial Organisms Observe If Yes, Describe:	d: Yes No 🗡
	Riparian Characteristics
Riparian Vegetation Description	n (0' to 150' from TOB):
Left: <u> </u>	Mosed As field
<del></del>	
Diable 01.67.1.0	
Right: 0'-52'-0	- Moved A. Leid
_30 /30	l'outer 15tel
Associated Wetland Pre	esent: Yes No 🗴
Associated Artificial Dra	ain(s) Present: Yes x No
Sur	oplemental Notes & Comments:
Nen jusis dichand sondside Sitch	



Ditch Fie	ld ID:	<b>Ditch</b> 015						
Data Poir	Point ID: DP- 059					Da	te:	
Project Name: NG Batavia-Lockport Article VII					Project	#:	190176	
Evaluator	(s):	James Ireland					_	<del></del>
County:		Mingara County				. Sta	te:	New York
Jurisdiction	nal:	Yes		No 🗴				
Lat:			<del></del> -	Long:				<del></del>
		Jurisdictio	nal Dete	rminatior	ı Cri	teria	ni sai sa (2)	
Yes	No	The state of the s	Comment is transmission of a residence	risdiction	t it inna yet skopu	Salara Caracas Indo-Auto Anares (1889)		
		1) Meets the USA				•		
χ	M	"a water that cor				-	_	
10		(including an important presence of the		•				•
		high water mark'		idicators o	lab	sa ana ban	κ, ε	ind an ordinary
		2) Supplementing	-	es (Must S	Satis	fv At Leas	t 1	of 5 Below)
	×	a) Has Perenni	•	(		.,		0.000,
	×	b) Has Intermitt	···	and is a	Relo	cated Trib	uta	irv;
	<del>/</del>	c) Has Intermitt						
	- · ·	d) Has Intermitt	ent Flow	and Drai	ns N	atural Wa	ter	Bodies
	7	(including w	etlands);					
	×	e) Has Ephemeral Flow and is Excavated in or Relocated within a						
		Tributary.						
regional from the state of the		Hydro	logic Cl	naracteris	stics			
Flow Reg	ime:	Per	ennial [	Inte	rmitte	ent		Ephemeral 🔀
Surface V	Vater:	P	resent [		Abs	ent 🔀		
Perceptib	le Flow:	Р	resent		Abs	ent 🔀		
Water De	pth at Tha	alweg:	_	<u> </u>	ches	3		
Wetted Pe	erimeter \	Vidth:	_	<i>0'</i> fe	et			
Flow/Grad	dient Dire	ction:		North				<del></del>
		Geomorp	hologic	Characte	erist	ics		ing the County of the County o
	Primary	/ Substrate Class:	<u> </u>	LC				· 
				Width (f	eet)			
			at DF	P Mi	n	Max		
		OHWM	g,	6	)^	2'		
		Top of Bank	5'	5'	,	5'		
Bank Slop	e [Repor	ted as % or Horizo		ical(H:V)]:				
		Left: <u>300 - 3</u>						
Right: <u>35" - <b>70%</b></u>								



•

## **Ditch Data Form**

	Bank Stability Summary
Left Bank: <u>Kadda</u>	Vezetal Banks
Right Bank: Some and	bore.
	Habitat Characteristics
Aquatic Vegetation Present: If Yes, Describe:	Yes No 🔀
Aquatic Organisms Observed If Yes, Describe:	Yes No X
Terrestrial Organisms Observ If Yes, Describe:	red: Yes No 🔀
	Riparian Characteristics
Riparian Vegetation Description Left:	-Moved grass fill
Right: 0'-350'	· Rue /
50'-150'	- Corn
Associated Wetland P If Yes, ID:	resent: Yes No X
Associated Artificial D If Yes, ID:	rain(s) Present: Yes ☑ No ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
	upplemental Notes & Comments:
Non-just school Roads de dit	:4



Ditch Fie	ld ID:	Ditch Oil						
Data Poin	nt ID:	DP- 0600		Da	ite: <u>8/14/19</u> t#: 190176			
Project Na	ame:	NG Batavia-Lock	oort Article VII	Project	t#: <u>190176</u>			
Evaluator	r(s):	James Ireland			····			
County:		Ninger County		Sta	ite: New York			
Jurisdiction	onal:	Yes	No 🗡					
Lat:	43.1399	<i>0</i> 2	Lon	g: <u>-78.561464</u>				
		Jurisdictio	nal Determinati	on Criteria				
Yes	No		Jurisdicti	onal Attribute				
		1) Meets the USA		•				
			•	•	igh another water			
X			poundment) to a w					
	·	high water mark		s of a bed and bar	nk, and an ordinary			
		2) Supplementing		t Satisfy At Lea	st 1 of 5 Below)			
	X	a) Has Perenni	al Flow;					
	×	b) Has Intermit	ent Flow and is	a Relocated Tril	outary;			
	×	c) Has Intermitt	ent Flow and is	Excavated in a	Tributary;			
i		d) Has Intermit	tent Flow and Dr	ains Natural Wa	ater Bodies			
	<u> </u>	(including w		<u> </u>				
	\ <u>/</u>	e) Has Ephemeral Flow and is Excavated in or Relocated within a						
		Tributary.						
		Hydro	ologic Characte	ristics				
Flow Regi	ime:	Per	ennial In	termittent 🔨	Ephemeral			
Surface V	Vater:	Р	resent 🗡	Absent				
Perceptib	le Flow:	Р	resent	Absent 🔀				
Water De			ි '	inches				
Wetted Pe	•		<del></del>	feet				
			None	•				
Geomorphologic Characteristics								
	Primary			cteristics				
	Primary	Substrate Class:	Silc					
	Primary		<u>S:/C</u> Width	(feet)				
	Primary	Substrate Class:	S:lC Width at DP	(feet) Min Max				
	Primary		<u>S:/C</u> Width	(feet)				
Bank Slor	•	OHWM Top of Bank	<u> </u>	(feet) Min Max 2' 45				
Bank Slop	•	Substrate Class: OHWM	S:/C Width at DP 3' S' ntal:Vertical(H:V	(feet) Min Max 2' 45				



060 Data Point ID: DP-Bank Stability Summary Left Bank: Right Bank: Some an above . Habitat Characteristics Aquatic Vegetation Present: Yes No X If Yes, Describe: Yes | No 🛪 Aquatic Organisms Observed: If Yes, Describe: Terrestrial Organisms Observed: Yes No If Yes. Describe: Riparian Characteristics Riparian Vegetation Description (0' to 150' from TOB): Left: 0'50'- Rome 30-1501 - A. Calledge Plassifiche 3 Hung Right: 0'-150'- Comfiel **Associated Wetland Present:** Yes | No 🖈 If Yes, ID: Associated Artificial Drain(s) Present: Yes |x | No If Yes, ID: AD-033 Supplemental Notes & Comments: Sousdictional roadsuck ditch



Ditch Fie	ld ID:	Ditch Or								
Data Poir	nt ID:	DP- OUL			Date:	8/19/19				
Project N	ame:	NG Batavia-Lock	Project #:							
Evaluator	r(s):	James Ireland	James Ireland							
County:		Niagara County			State:	New York				
Jurisdiction	onal:	Yes	No [	$\mathbf{x}$						
Lat:	43.1401	810	L	_ong:	78.5392	73				
		📆 🥒 Jurisdictio	nal Determir	nation Cri	teria 🗀 🗀					
Yes	⊬No	e de la companya de l	Jurisdictional Attribute							
		1) Meets the USA			• .					
		"a water that cor								
X		(including an imp	•			•				
	. e.	presence of the high water mark		ators or a be	eo ano bank, a	and an ordinary				
		2) Supplementing	•	Must Satis	fv At Least 1	of 5 Below)				
	X	a) Has Perenni	·							
	>	b) Has Intermit	tent Flow and	l is a Relo	cated Tributa	ary;				
	У	c) Has Intermitt	ent Flow and	l is Excava	ated in a Trib	outary;				
	<b>\</b>	d) Has Intermit	tent Flow and	Drains N	atural Water	Bodies				
····	/	(including w								
)	>	e) Has Ephemeral Flow and is Excavated in or Relocated within a								
<u> </u>	19 5. Kr.	Tributary.								
		Hydro	ologic Chara	cteristics						
Flow Reg	ime:	Per	rennial	Intermitte	ent	Ephemeral 💢				
Surface V	Vater:	P	resent	Abs	ent 🔀					
Perceptib	le Flow:	Р	resent	Abs	ent 🟏					
Water De	pth at Tha	ılweg:		inches inches	6					
Wetted Po	erimeter V	Vidth:	0	feet						
Flow/Grad	dient Direc	ction:	1	10,65						
		Geomorp	hologic Cha	aracterist	CS					
	Primary	Substrate Class:	s:lc							
			Wie	dth (feet)						
			at DP	Min	Max					
		OHWM	3,	/ر	$\partial'$					
	Top of Bank 6' S' C'									
Bank Slop	oe [Report	ed as % or Horizo	ntal:Vertical(I	H:V)]:		•				
			- 58%							
•		Right:35°	~70°l»							



Bank S	Stability Summary
Left Bank: Std - Vegetalel B.	mts
Dial t David	
Right Bank: Som a clare,	
	it Characteristics
大学、大学、企业工程、公司、大学、大学、大学、大学、大学、大学、大学、大学、大学、大学、大学、大学、大学、	
Aquatic Vegetation Present:  If Yes, Describe:	Yes No X
Aquatic Organisms Observed:	Yes No >
If Yes, Describe:	165 110
Terrestrial Organisms Observed:	Yes No 🗸
If Yes, Describe:	
Riparia	in Characteristics
Riparian Vegetation Description (0' to 15	50' from TOB):
Left: 0-150- Upland	Huy
	/
	· · · · · · · · · · · · · · · · · · ·
Right: 0'-50'- Road	
sci- 150'- Upland sha	S. P. Landia, C. Colden P. 1
A a a a siste of Mothered Dress out	Van El Na Ell
Associated Wetland Present:  If Yes, ID:	Yes No X
Associated Artificial Drain(s) Pre	sent: Yes No
If Yes, ID:	<u>'035'</u>
Supplement	al Notes & Comments:
Nes juisdictural Rondside ditch	
<u> </u>	And the second s



Data Point ID: DP- 067 Date: 8/2 Project Name: NG Batavia-Lockport Article VII Project #: 19	19/19				
Project Name: NG Batavia-Lockport Article VII Project #: 1					
	90176				
Evaluator(s): James Ireland					
County: State: New Y	ork				
Jurisdictional: Yes No 🔀					
Lat: <u>43.140662</u> Long: <u>-78.539049</u>					
Jurisdictional Determination Criteria					
Yes No Jurisdictional Attribute					
1) Meets the USACE Definition of a Tributary "a water that contributes flow, either directly or through another of the contributes flow, either directly or through another of the contributes flow, either directly or through another of the contributes flow, either directly or through another of the contributes flow, either directly or through another of the contributes flow, either directly or through another of the contributes flow, either directly or through another of the contributes flow, either directly or through another of the contributes flow, either directly or through another of the contributes flow, either directly or through another of the contributes flow, either directly or through another of the contributes flow, either directly or through another of the contributes flow, either directly or through another of the contributes flow, either directly or through another of the contributes flow, either directly or through another or the contributes flow, either directly or through another or the contributes flow, either directly or through another or through another or the contributes flow, either directly or through another or	he				
2) Supplementing Attributes (Must Satisfy At Least 1 of 5 Be	elow)				
a) Has Perennial Flow;					
b) Has Intermittent Flow and is a Relocated Tributary;					
c) Has Intermittent Flow and is Excavated in a Tributary;					
d) Has Intermittent Flow and Drains Natural Water Bodies					
(including wetlands);					
e) Has Ephemeral Flow and is Excavated in or Relocated value.	within a				
Hydrologic Characteristics					
Flow Regime: Perennial Intermittent X Ephe	meral				
Surface Water: Present X Absent					
Perceptible Flow: Present Absent A					
Water Depth at Thalweg: /" # inches					
Wetted Perimeter Width:feet					
Flow/Gradient Direction:					
Geomorphologic Characteristics					
Primary Substrate Class:					
Width (feet)					
at DP Min Max					
OHWM 2' 2' 3'					
Top of Bank 4' 5' 4'					
Top of Bank \( \( \cup \) \( \cup \)					

Right: 400 - 84%



	Stability Summary
Left Bank: Single Veyelmed !	Zinky
Right Bank: Bone on Shore	
大学的 1000 1100 1100 1100 1100 1100 1100 11	at Characteristics
Aquatic Vegetation Present:	Yes No _ <del>/</del>
If Yes, Describe:	
Aquatic Organisms Observed:	Yes No 7
If Yes, Describe:	[ ]
Terrestrial Organisms Observed:	Yes No _ <del>_</del> /
If Yes, Describe:	
	an Characteristics
Riparian Vegetation Description (0' to 15	50' from TOB):
Left: O'-sc' - Roud	
SO'- 450' - Upland, hay	
Dight: Curves 1 / 1 S	7/ (22/)
Right. Or 452 - Opiand - 3	Shirt - C. GRod, p. lossestile
<del></del>	
Associated Wetland Present:	Yes No 🗴
If Yes, ID:	. 55
Associated Artificial Drain(s) Pre	sent: Yes 🔀 No
If Yes, ID:	- c3L
Supplement	tal Notes & Comments:
	idi Notes & Collinellis.
Nonjunsdahund roudside ditch	
	<del></del>



Ditch Fie	ld ID:	Ditch 019				•		
Data Poir	ıt ID:	DP- 070		Date:				
Project Na	ame:	NG Batavia-Lock	oort Article VI		Project #:	190176		
Evaluator	(s):	James Ireland						
County:		Genesse County			State:	New York		
Jurisdiction	nal:	Yes	No [	κ				
Lat:	43.08176	3	L	.ong: _ <i>-7</i> 2	<u>39/305</u>			
		Jurisdictio	nal Determin	ation Crif	eria 🖖 👵			
Yes	No		Jurisd	ictional <mark>A</mark>	ttribute 🕟			
		1) Meets the USA			•			
_		"a water that cor			-			
X		(including an imp	•			<u>-</u>		
,		presence of the price high water mark		tors of a be	ed and bank, a	and an ordinary		
		2) Supplementing		/lust Satis	fv At Least 1	of 5 Below)		
	Ά,	a) Has Perenni			,			
	7	b) Has Intermitt	ent Flow and	is a Relo	cated Tributa	ary;		
	γ	c) Has Intermitt	ent Flow and	is Excava	ited in a Trib	utary;		
	Ý	d) Has Intermitt	ent Flow and	Drains Na	atural Water	Bodies		
	(	(including w						
	<b>\</b>	e) Has Ephemeral Flow and is Excavated in or Relocated within a						
		Tributary.						
		Hydro	logic Chara	cteristics				
Flow Regi	ime:	Per	ennial	Intermitte	ent 📐	Ephemeral		
Surface V	Vater:	P	resent 🔨	Abse	ent			
Perceptib	le Flow:	Р	resent	Abse	ent			
Water De	pth at Tha	lweg:	ľ	' inches	<b>i</b>			
Wetted Pe	erimeter V	Vidth:	7	feet				
Flow/Grad	dient Direc	etion:	S.	Иh		<u>.</u>		
		Geomorp	hologic Cha	ıracteristi	cs.			
	Primary	Substrate Class:	S:L					
			Wid	dth (feet)				
			at DP	Min	Max			
		OHWM	2,	2'	91			
		Top of Bank	6'	6	4-			
Bank Slop	e [Report	ed as % or Horizo		H:V)]:				
		Left: <u>30°</u> -	58%					
		Right: 35° -1						



Data Point ID: DP- 0 70

Bank St	ability Summary
Left Bank: Smy - Vyeld 1 Bank	
Right Bank: _ Sure as a some	
Company of the Compan	Characteristics
Aquatic Vegetation Present:  If Yes, Describe:	Yes No Y
Aquatic Organisms Observed:  If Yes, Describe:	Yes No x
Terrestrial Organisms Observed:  If Yes, Describe:	Yes No 🗡
Ripariar	n Characteristics
Riparian Vegetation Description (0' to 150	)' from TOB):
Left: 0'-150: John Will	WINA, gass felds
Right: O'szi- Road	
50'-100' Gassfuld	
Associated Wetland Present:  If Yes, ID:	Yes No Z
Associated Artificial Drain(s) Pres If Yes, ID:	ent: Yes No No No No No No No No No No No No No
	Il Notes & Comments:
THE PROPERTY OF THE PROPERTY O	TYMA
	· · · · · · · · · · · · · · · · · · ·



Ditch Fie	ld ID:	Ditch O Jo				_		<b>5</b>	
Data Poir	it ID:	DP- 675		Da	te:	5/2/19			
Project N	ame:	NG Batavia-Lock	port Arti	icle V		Project	#:	190176	
Evaluator	(s):	James Ireland							
County:		Ningara County		•		. Sta	te:	New York	
Jurisdiction	nal:	Yes		No					
Lat:					Long:				
		Jurisdictio	nal Det	ermii	nation Cri	teria			
Yes	No		HE THEOLYKING ROBERTHING	Color of Color of the section	ictional A	ment in the bit was the filter of the state			
		1) Meets the US/							
		"a water that co				•	_		
X		(including an im							
/		presence of the high water mark		indica	ators of a b	ed and bar	ık, a	ing an orginary	
		2) Supplementing		itas (	Must Satis	fy Δt L eas	et 1	of 5 Below)	
	×	a) Has Perenni	-		vidot Oatio	ny At Leat	<b>3</b> ( )	of o below)	
	× ×	b) Has Intermit		•	l is a Relo	cated Trib	outa	irv:	
	$\frac{\hat{\lambda}}{\lambda}$	c) Has Intermit							
			d) Has Intermittent Flow and Drains Natural Water Bodies						
	×	(including w	etlands	);					
	\ <u></u>	e) Has Epheme	eral Flov	w and	is Excava	ated in or	Rel	ocated within a	
		Tributary.							
		Hydro	ologic (	Chara	cteristics				
Flow Reg	ime:	Per	rennial		Intermitt	ent 🔀		Ephemeral 👺	
Surface V	Vater:	Р	resent	×	Abs	ent			
Perceptible	le Flow:	P	resent		Abs	ent 🔽			
Water De	pth at Tha	alweg:		2	<u> </u>	3			
Wetted Pe	erimeter V	Vidth:		1	feet				
Flow/Grad	dient Dire	ction:		No	116				
		Geomor	ohologi	c Ch	aracterist	ics			
	Primary	Substrate Class:	<u> </u>	ilc				·	
				Wi	dth (feet)				
			at D	)P	Min	Max			
		OHWM	2	<u> </u>	a'	2'			
		Top of Bank	4		y'	s′			
Bank Slop	e [Report	ted as % or Horizo	ntal:Ve	rtical(	H:V)]:				
		Left: <u>%</u> -	58%						
		Diaht:	nel						



Data Point ID: DP- Cフタ

	k Stability Summary
Left Bank:	Will - Vigelated Banks
Right Bank: Same alore	
Might Dank. Save a short	
Hab	itat Characteristics
Aquatic Vegetation Present:	Yes No 🔽
If Yes, Describe:	
Aquatic Organisms Observed:  If Yes, Describe:	Yes No 🗼
Terrestrial Organisms Observed:  If Yes, Describe:	Yes No V
	irian Characteristics
Riparian Vegetation Description (0' to	
	100 Holl (OB).
	TOO THE WASHINGTON
Right: O'SCI- Rond	
_50'-150" Noved 500	255 RCW
A	V. CIN CI
Associated Wetland Present:  If Yes, ID:	Yes No No
Associated Artificial Drain(s) F	
. ,	)-041
	ental Notes & Comments:
Example and A to A decided and the control of the second second and the second second and the second	entan Notes & Comments.
Non juns dictional Roads de deten	



<b>Ditch Fie</b>	ld ID:	Ditch 021						
Data Poir	it ID:	DP- 078				Da	te: _	8/21/19 190176
Project N	ame:	NG Batavia-L		icle VI		Project	#: _	190176
Evaluator	(s):	James Ireland						
County:	•	Viagara Cou	nty	·		Sta	te: <u>N</u>	lew York
Jurisdiction	nal:	Yes		No [	x			
Lat:	43.1426	51		L	ong:	-78. SJY 3.	7)	· · · · · · · · · · · · · · · · · · ·
		Jurisdie	ctional De	termin	ation Cri	teria		
Yes .	No .		CONTRACTOR OF STREET	PERMITTER CONTRACTOR	ctional A	conjectiva i visio diportica catalociti a projeti		
		1) Meets the				•	•	
		"a water tha				•	-	
Х		(including ar	•	-				d an ordinary
		high water n		illulca	iois oi a be	sa ana ban	iik, airi	a an ordinary
		2) Suppleme	_	utes (N	lust Satis	fy At Leas	st 1 o	f 5 Below)
•,	ý	a) Has Pere	ennial Flow	<u>';</u>		-		
	У	b) Has Inte	mittent Flo	w and	is a Relo	cated Trib	utary	<i>/</i> ;
	<b>&gt;</b>	c) Has Inter	mittent Flo	w and	is Excava	ated in a T	ribut	ary;
	>:	d) Has Inte	mittent Flo	w and	Drains N	atural Wa	ter B	odies
		<u> </u>	g wetlands	•				
	>			w and	is Excava	ited in or l	Reloc	cated within a
		Tributary	<u>/·</u>		<u></u>			
		H	/drologic	Chara	eteristics			
Flow Reg	ime:		Perennial		Intermitte	ent		Ephemeral
Surface V	Vater:		Present		Abs	ent 🔽		
Perceptib	le Flow:		Present		Abs	ent 😾		
Water De	pth at Tha	ılweg:		<u>~</u>	inches	<b>;</b>		
Wetted Pe	erimeter V	Vidth:		0'	feet			
Flow/Grad	dient Dire	ction:		N-12	<u> </u>			<u></u>
		Geon	norpholog	ic Cha	racteristi	cs		
	Primary	Substrate Cla	ss:	s: lc				
				Wic	th (feet)	·		
			at [	OP	Min	Max		
		OHV	VΜ 2'		J.c	2'		
		Top of Ba	ank 🥒 🏸		54'	5′		
Bank Slop	e [Report	ed as % or Ho	rizontal:Ve	rtical(l	1:V)]:			
			-70%					
		Right: 30	100%					



Data Point ID: DP- 675

	ility Summary
Left Bank: Sulle Vydished Bar	ds
Right Bank: 0 / a	
Right Bank: Some on whose	
Habitat Cl	naracteristics
Aquatic Vegetation Present:  If Yes, Describe:	Yes No 🔀
Aquatic Organisms Observed:  If Yes, Describe:	Yes No 📐
Terrestrial Organisms Observed:  If Yes, Describe:	Yes No 🗸
Riparian C	haracteristics
Riparian Vegetation Description (0' to 150' fr	om TOB):
Left: O'-50' Roads.	
50-150 - Wellend 624	
Diable (1 mg 1 / 1 / 1 / 1	
Right: Oliso' - Mond Kow	
Associated Wetland Present:  If Yes, ID:	Yes No 🔀
Associated Artificial Drain(s) Present	:: Yes 🔀 No 🗌
Supplemental N	otes & Comments:
New Just sold and Rombade Mah	
	· · · · · · · · · · · · · · · · · · ·



Ditch Fie	ld ID:	Ditch りつ		. 1 1
Data Poin	it ID:	DP- 079	Date:	8/21/19
Project Na	ame:	NG Batavia-Lockport Article VII	_ Project #:	190176
Evaluator	(s):	James Ireland		
County:		Niagara County	_ State:	New York
Jurisdiction	nal:	Yes No 🔀		
Lat:	43, 144	្សារ្ត Long:	78. SI4587	·
		Jurisdictional Determination Cr	iteria	
Yes.	<u>No</u>	Jurisdictional a	Attribute	
		1) Meets the USACE Definition of a Tri	•	
X		"a water that contributes flow, either dire	-	1
^		(including an impoundment) to a water the		
		presence of the physical indicators of a behigh water mark"	eu anu bank,	and an ordinary
		Supplementing Attributes (Must Sati	sfy At Least 1	of 5 Below)
	<b>×</b>	a) Has Perennial Flow;		:
	<u> </u>	b) Has Intermittent Flow and is a Rele	ocated Tribut	ary;
	<b>&gt;</b>	c) Has Intermittent Flow and is Excav	ated in a Trib	outary;
d as		d) Has Intermittent Flow and Drains I	latural Water	Bodies
	<u> </u>	(including wetlands);		
	<b>&gt;</b>	e) Has Ephemeral Flow and is Excav	ated in or Re	located within a
		Tributary.		
		Hydrologic Characteristic	<b>S</b>	
Flow Reg	ime:	Perennial Intermit	tent 💢	Ephemeral
Surface V	Vater:	Present X Abs	sent	
Perceptib	le Flow:	Present Abs	sent 🗶	
Water De	pth at Tha	alweg:inche	es	
Wetted Pe	erimeter V	Vidth:feet		
Flow/Grad	dient Dire	ction: World		
		Geomorphologic Characteris	tics	
	Primary	Substrate Class: <u>S; ¿c</u>		
		Width (feet	)	
		at DP Min	Max	
		OHWM 🙎2 2'	3'	
		Top of Bank 4' 4'	S"	
Bank Slop	e [Repor	ted as % or Horizontal:Vertical(H:V)]:		
	-	Left: <u> </u>		
		Right: 1-0 070/		



Data Point ID: DP- 079

Left Dead A 11/2	Bank Stability Summary
Left Bank: <u>Juguk/ Bank</u>	e-54,5G
Right Bank: Some an above	<u>e</u>
	Habitat Characteristics
Aquatic Vegetation Present:  If Yes, Describe:	Yes No V
Aquatic Organisms Observed:  If Yes, Describe:	Yes No 🔀
Terrestrial Organisms Observed: If Yes, Describe:	Yes No No
	Riparian Characteristics
Riparian Vegetation Description  Left: 0 - 1/50 - 1/5  Right: 0 - 50 - Row	Ipland, Ray, P. Lawstife, C. Colderiord, Trasal
	read ROW . Some on above
Associated Wetland Pres If Yes, ID:	ent: Yes No ×
Associated Artificial Drain	n(s) Present: Yes 🔀 No 🔙 🔏 i) -642
Man juisodictional Roadside	olemental Notes & Comments: ביים לא ביים ביים לא ביים ביים לא ביים ביים ביים ביים ביים ביים ביים ביי



Ditch Fie	ld ID:	Ditch 023					, ,
Data Poir	nt ID:	DP- 092				Date:	190176
Project N		NG Batavia-Lock	port Arti	icle VII		Project #:	1.90176
Evaluator	r(s):	James Ireland					<del></del>
County:		Genesse County		State:	New York		
Jurisdiction	onal:	Yes		No 🕜	×		
Lat:	43.07	4 245		Lo	ong: <u>- 7</u>	8379684	
		Jurisdictio	nal Det	ermina	ition Crit	eria	
Yes	No		U illi	urisdic	tional A	ttribute	
		1) Meets the US				•	
χ.		"a water that co				-	
$\wedge$		(including an im presence of the					
	1	high water mark		maioatt	)13 01 a bc	o and bank, t	and an ordinary
		2) Supplementing		utes (M	ust Satis	fy At Least 1	of 5 Below)
	Κ.	a) Has Perenn	al Flow	•			
	>	b) Has Intermit	tent Flo	w and i	s a Relo	cated Tributa	ary;
	>	c) Has Intermit	tent Flo	w and i	s Excava	ited in a Trib	utary;
	>	d) Has Intermit	tent Flo	w and l	Orains Na	atural Water	Bodies
	,	(including w		•			
,	X		eral Flo	w and is	s Excava	ted in or Rel	ocated within a
		Tributary.					
		Hydro	ologic (	Charac	teristics		
Flow Reg	ime:	Pe	rennial		Intermitte	ent	Ephemeral 🔀
Surface V	Vater:	P	resent	$\overline{\chi}$	Abse	ent	
Perceptib	le Flow:	P	resent		Abse	ent 🔀	
Water De	pth at Tha	alweg:			inches	}	
Wetted Po	erimeter \	Vidth:		3′	feet		
Flow/Grad	dient Dire	ction:		Los L			<del></del>
		Geomor	ohologi	c Char	acteristi	CS	The state of the s
	Primary	Substrate Class:		:L			
				Wid	th (feet)		
			at D	)P	Min	Max	
		OHWM	13	<b>'</b>	18	到1.	
		Top of Bank	53	,	73'	₹5°	
Bank Slop	oe [Repor	ted as % or Horizo	_	rtical(H	:V)]:		
		Left: 35°			_		
		Right: <u>りぢ゜ - /</u>	00%				



Data Point ID: DP- 0 92

	Stability Summary
Left Bank: ShSlo Vegeliled	Boste
Right Bank: Some and observe	· · · · · · · · · · · · · · · · · · ·
right bank. Sucarding	
Habit	at Characteristics
Aquatic Vegetation Present:	Yes No 🛌
If Yes, Describe:	
Aquatic Organisms Observed:	Yes No 📐
If Yes, Describe:	
Terrestrial Organisms Observed:	Yes No 🔟
If Yes, Describe:	
	an Characteristics
Riparian Vegetation Description (0' to 1	
Len: 0'-130' - //cwcd	1 filts residential yard
Right: 0',500 - Loa 1	
50'-156'- 5W h	VMA. Callais
Associated Wetland Present:  If Yes, ID:	Yes No 🔀
Associated Artificial Drain(s) Pre	esent: Yes No 🗡
If Yes, ID:	· · · · · · · · · · · · · · · · · · ·
Supplemen	tal Notes & Comments:
New Sucadeternal Rondsoll detel	



<b>Ditch Fie</b>	ld ID:	Ditch	027							•
Data Poin	it ID:	DP-	DP- 093						ate:	10/2/19
Project N			tavia-Lo	ckport	Article '	VII		Projec	t #:	190176
Evaluator	(s):		Ireland							
County:		Genes	se Cour	ity	<u>.                                      </u>			- Sta	ate:	New York
Jurisdiction	nal:		Yes		No					
Lat:	43.14	0670			•	Long:	: <u> </u>	78.488	019	
production (		J	urisdic	tional	e epitemopa e propinsi e cujus	arsesingan is lie dender	etalita kipingano	ACTION OF THE PROPERTY OF THE PROPERTY OF		
Yes	No				inka wasan ji kata	83 (4 fall-1892) 2 fall-1892 (40)	35899.265.965.85 <u>5.448</u> 11	ttribute		
		. ,	ets the L					•	. مامان	an ath ar water
								-	_	another water zed by the
X			-	•	•					and an ordinary
			water m		Jioai IIIai	outoro (	51 a 5	od dila ba	,	and an oraniary
-		2) Sup	plemen	ting Att	tributes	(Must	Satis	fy At Lea	st 1	of 5 Below)
	×	a) Ha	as Pere	nnial F	low;					
	×	b) Ha	as Interi	nittent	Flow a	nd is a	Relo	cated Tri	buta	ıry;
	X	c) Ha	as Interr	nittent	Flow ar	nd is E	xcava	ated in a	Trib	utary;
	\ <u></u>					nd Dra	ins N	latural Wa	ater	Bodies
		,	ncluding						···	
	~				Flow ar	nd is Ex	xcava	ated in or	Rel	ocated within a
			ributary							
			Hy	drolog	ic Cha	racteri	stics			
Flow Reg	ime:		İ	Perenn	ial	Inte	ermitt	ent		Ephemeral 🗡
Surface V	Vater:			Prese	ent 🗡		Abs	ent		
Perceptib	le Flow:			Prese	ent		Abs	ent 🗡	]	
Water De	pth at Tha	ılweg:				<u> 2′′</u> ii	nches	S		
Wetted Pe	erimeter V	Vidth:				<u>'</u> fo	eet			
Flow/Grad	dient Direc	ction:				Soull	<u> </u>			
			Geom	orphol	ogic C	haract	erist	ics		
	Primary	Substra	ate Clas	s:	.2	L				
					V	Vidth (	feet)		]	
					at DP	M	lin	Max		
			OHW		1'	/	, ,	/ `		
		То	p of Ba	nk	4	L	<u></u>	1 4'	]	
Bank Slop	e [Report	ed as %	or Hor	izontal:	:Vertica	I(H:V)]	:			
		Left	: <u>/</u> /	o1	15%					
		Right:	In	0 -	18%					



Data Point ID: DP- 093

		Bank Sta	ability S	ummary			
Left Bank:	Sterle.	Vegetiled	Banks				
-							
Right Bank:	l came a	. clarate					
g		<u> </u>					
-							
		Habitat	Charact	eristics			
Aquatic Vegetation If Yes, De				Yes [	No ∑		
Aquatic Organisms If Yes, De				Yes [	No ≽_		
Terrestrial Organism If Yes, De		d:		Yes [	ر No کو		
		Riparian	Charact	teristics			
Riparian Vegetation Left:	Description	n (0' to 150'	from TC	B): CM. Hx	w		
- -			<del></del>		/		
-							
Right: _	Some on	Work.					
-					· · · · · · · · · · · · · · · · · · ·	:	
- Associated V If Yes, ID:		esent:	<b></b>	Yes [	No 🔀		2.
Associated A	Artificial Dra	in(s) Prese	ent:	Yes [	No 🗲		
	Sur	plemental	Notes 8	Commen	its:		
An field don	inage Oilel	h, flows	soulh al	CL 175L .			
	0					*********	
			· · · · · · · · · · · · · · · · · · ·				
				<del></del>			
			·-				

# APPENDIX D REPRESENTATIVE SITE PHOTOGRAPHS



#### **Project Name:**

Niagara Mohawk Power Corporation (d/b/a National Grid) Lockport-Batavia #112 Rebuild Project Wetland and Watercourse Delineation Report

#### Site Location:

Towns of Lockport and Royalton, Niagara County and Town of Alabama, Genesee County, New York **Project No.** 190176

#### Photo No. 1

Facing North

### **Description:**

Data Point 001

Data Point for upland/dryland adjacent to Wetland 001.



#### Photo No. 2

Facing South

#### **Description:**

Data Point 001

Overview of upland/dryland adjacent to Wetland 001.





#### **Project Name:**

Niagara Mohawk Power Corporation (d/b/a National Grid) Lockport-Batavia #112 Rebuild Project Wetland and Watercourse Delineation Report

#### Site Location:

Towns of Lockport and Royalton, Niagara County and Town of Alabama, Genesee County, New York **Project No.** 190176

#### Photo No. 3

Facing North

### **Description:**

Data Point 002

PEM Data Point for Wetland 001.



#### Photo No. 4

Facing North

#### **Description:**

Data Point 002

Overview of PEM Wetland 001.





#### Project Name:

Niagara Mohawk Power Corporation (d/b/a National Grid) Lockport-Batavia #112 Rebuild Project Wetland and Watercourse Delineation Report

#### Site Location:

Towns of Lockport and Royalton, Niagara County and Town of Alabama, Genesee County, New York **Project No.** 190176

#### Photo No. 5

Facing North

### **Description:**

Data Point 003

Data Point for upland/dryland adjacent to Wetland 002.



#### Photo No. 6

Facing North

#### **Description:**

Data Point 003

Overview of upland/dryland adjacent to Wetland 002.





Project Name:

Niagara Mohawk Power Corporation (d/b/a National Grid) Lockport-Batavia #112 Rebuild Project Wetland and Watercourse Delineation Report Site Location:

Towns of Lockport and Royalton, Niagara County and Town of Alabama, Genesee County, New York **Project No.** 190176

Photo No. 7

Facing North

**Description:** 

Data Point 004

PEM Data Point for Wetland 002.



Photo No. 8

Facing North

**Description:** 

Data Point 004

Overview of PEM Wetland 002.





Project Name:

Niagara Mohawk Power Corporation (d/b/a National Grid) Lockport-Batavia #112 Rebuild Project Wetland and Watercourse Delineation Report Site Location:

Towns of Lockport and Royalton, Niagara County and Town of Alabama, Genesee County, New York **Project No.** 190176

Photo No. 9

Facing North

**Description:** 

Data Point 006

PEM Data Point for Wetland 003.



Photo No. 10

Facing North

**Description:** 

Data Point 006

Overview of PEM Wetland 003.





#### **Project Name:**

Niagara Mohawk Power Corporation (d/b/a National Grid) Lockport-Batavia #112 Rebuild Project Wetland and Watercourse Delineation Report

#### Site Location:

Towns of Lockport and Royalton, Niagara County and Town of Alabama, Genesee County, New York **Project No.** 190176

#### Photo No. 11

Facing North

#### **Description:**

Data Point 007

Data Point for upland/dryland adjacent to Wetland 003.



#### Photo No. 12

Facing North

#### **Description:**

Data Point 007

Overview of upland/dryland adjacent to Wetland 003.





#### Project Name:

Niagara Mohawk Power Corporation (d/b/a National Grid) Lockport-Batavia #112 Rebuild Project Wetland and Watercourse Delineation Report

#### Site Location:

Towns of Lockport and Royalton, Niagara County and Town of Alabama, Genesee County, New York **Project No.** 190176

#### Photo No. 13

Facing North

### **Description:**

Data Point 008

PEM Data Point for Wetland 004.



#### Photo No. 14

Facing North

#### **Description:**

Data Point 008

Overview of PEM Wetland 004.





Project Name:

Niagara Mohawk Power Corporation (d/b/a National Grid) Lockport-Batavia #112 Rebuild Project Wetland and Watercourse Delineation Report Site Location:

Towns of Lockport and Royalton, Niagara County and Town of Alabama, Genesee County, New York **Project No.** 190176

Photo No. 15

Facing North

**Description:** 

Data Point 009

Data Point for upland/dryland adjacent to Wetland 004 & Wetland 005.



Photo No. 16

Facing South

**Description:** 

Data Point 009

Overview of upland/dryland adjacent to Wetland 004 & Wetland 005.





Project Name:

Niagara Mohawk Power Corporation (d/b/a National Grid) Lockport-Batavia #112 Rebuild Project Wetland and Watercourse Delineation Report Site Location:

Towns of Lockport and Royalton, Niagara County and Town of Alabama, Genesee County, New York **Project No.** 190176

Photo No. 17

Facing North

**Description:** 

Data Point 010

PEM Data Point for Wetland 005. Located in NYSDEC Wetland LP-23.



Photo No. 18

Facing West

**Description:** 

Data Point 010

Overview of PEM Wetland 005. Located in NYSDEC Wetland LP-23.





**Project Name:** 

Niagara Mohawk Power Corporation (d/b/a National Grid) Lockport-Batavia #112 Rebuild Project Wetland and Watercourse Delineation Report Site Location:

Towns of Lockport and Royalton, Niagara County and Town of Alabama, Genesee County, New York **Project No.** 190176

Photo No. 19

Facing North

Description:

Data Point 011

PEM Data Point for Wetland 006.



Photo No. 20

Facing North

**Description:** 

Data Point 011

Overview of PEM Wetland 006.





#### Project Name:

Niagara Mohawk Power Corporation (d/b/a National Grid) Lockport-Batavia #112 Rebuild Project Wetland and Watercourse Delineation Report

#### Site Location:

Towns of Lockport and Royalton, Niagara County and Town of Alabama, Genesee County, New York **Project No.** 190176

#### Photo No. 21

Facing North

### **Description:**

Data Point 012

Data Point for upland/dryland adjacent to Wetland 006.



#### Photo No. 22

Facing North

#### **Description:**

Data Point 012

Overview of upland/dryland adjacent to Wetland 006.





#### Project Name:

Niagara Mohawk Power Corporation (d/b/a National Grid) Lockport-Batavia #112 Rebuild Project Wetland and Watercourse Delineation Report

#### Site Location:

Towns of Lockport and Royalton, Niagara County and Town of Alabama, Genesee County, New York **Project No.** 190176

#### Photo No. 23

Facing North

### **Description:**

Data Point 013

Data Point for upland/dryland adjacent to Wetland 007.



#### Photo No. 24

Facing North

#### **Description:**

Data Point 013

Overview of upland/dryland adjacent to Wetland 007.





#### **Project Name:**

Niagara Mohawk Power Corporation (d/b/a National Grid) Lockport-Batavia #112 Rebuild Project Wetland and Watercourse Delineation Report

#### Site Location:

Towns of Lockport and Royalton, Niagara County and Town of Alabama, Genesee County, New York **Project No.** 190176

#### Photo No. 25

Facing North

### **Description:**

Data Point 014

PEM Data Point for Wetland 007.



#### Photo No. 26

Facing North

#### **Description:**

Data Point 014

Overview of PEM Wetland 007.





#### Project Name:

Niagara Mohawk Power Corporation (d/b/a National Grid) Lockport-Batavia #112 Rebuild Project Wetland and Watercourse Delineation Report

#### Site Location:

Towns of Lockport and Royalton, Niagara County and Town of Alabama, Genesee County, New York **Project No.** 190176

#### Photo No. 27

Facing West/ Upstream

### **Description:**

Data Point 015

Ditch Data Point for non-jurisdictional intermittent Ditch 001.



#### Photo No. 28

Facing East/ Downstream

#### **Description:**

Data Point 015

Ditch Data Point for non-jurisdictional intermittent Ditch 001.





#### Project Name:

Niagara Mohawk Power Corporation (d/b/a National Grid) Lockport-Batavia #112 Rebuild Project Wetland and Watercourse Delineation Report

#### Site Location:

Towns of Lockport and Royalton, Niagara County and Town of Alabama, Genesee County, New York **Project No.** 190176

#### Photo No. 29

Facing North/ Right Bank to Left Bank

#### **Description:**

Data Point 015

Ditch Data Point for non-jurisdictional intermittent Ditch 001.



#### Photo No. 30

Facing North/ Upstream

#### **Description:**

Data Point 016

Ditch Data Point for non-jurisdictional ephemeral Ditch 002.

