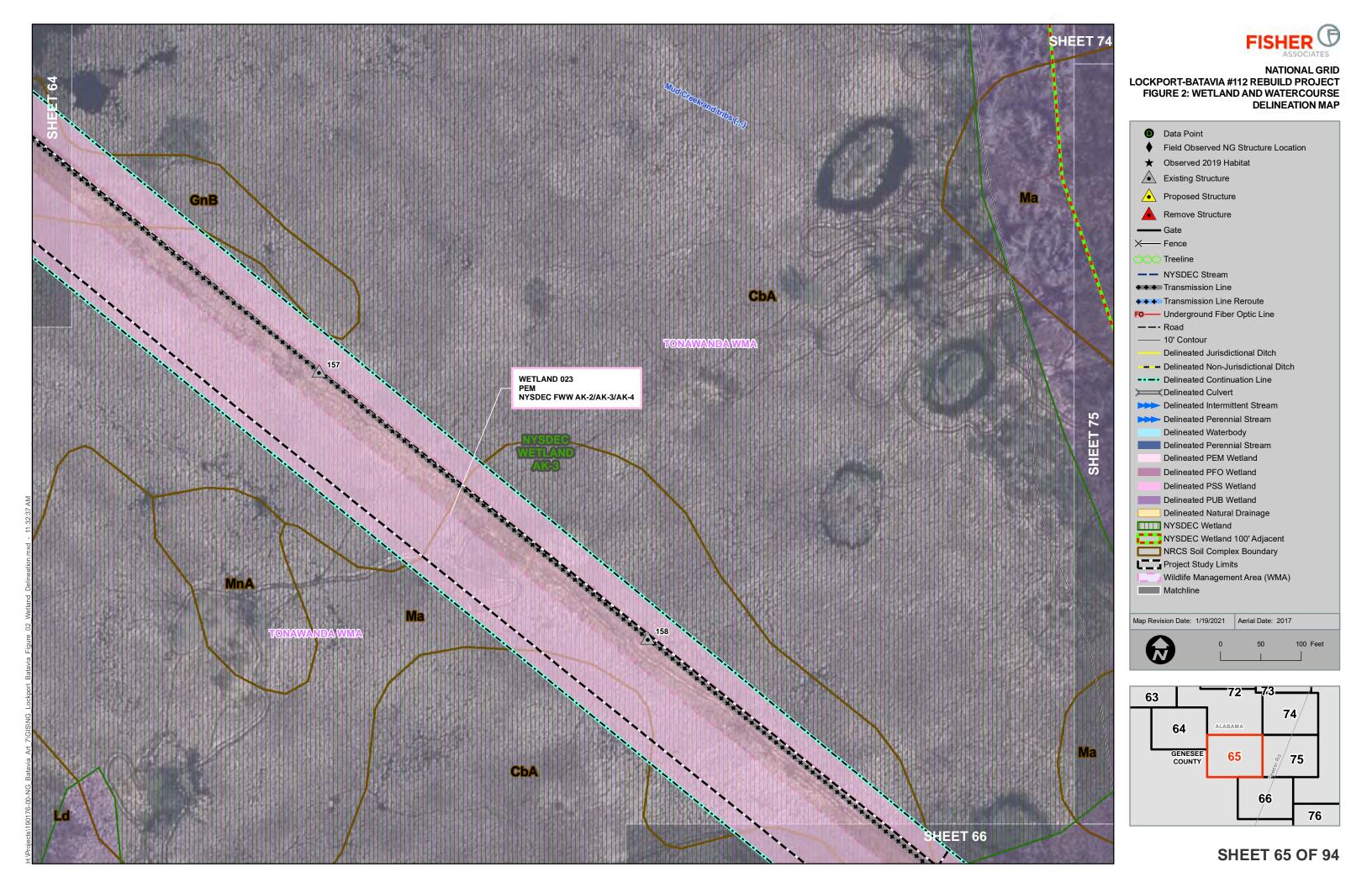
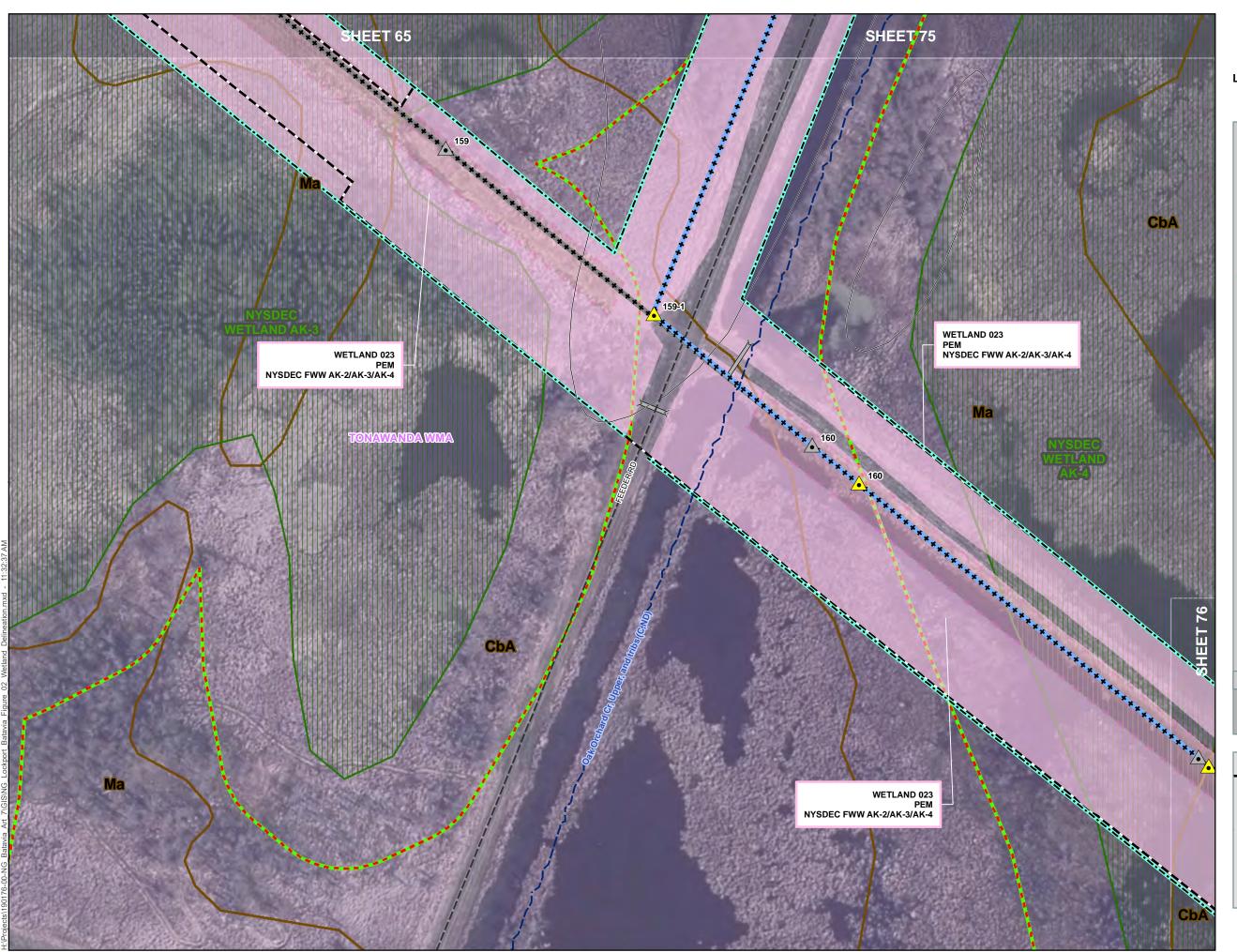
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# Lockport-Batavia Line 112 Rebuild Project

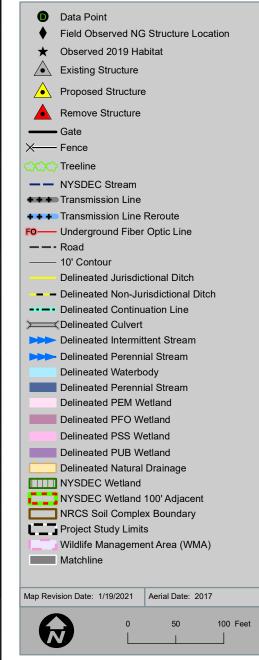
Appendix F

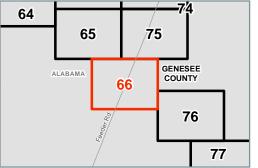
Wetland Delineation (Part 2 of 4)









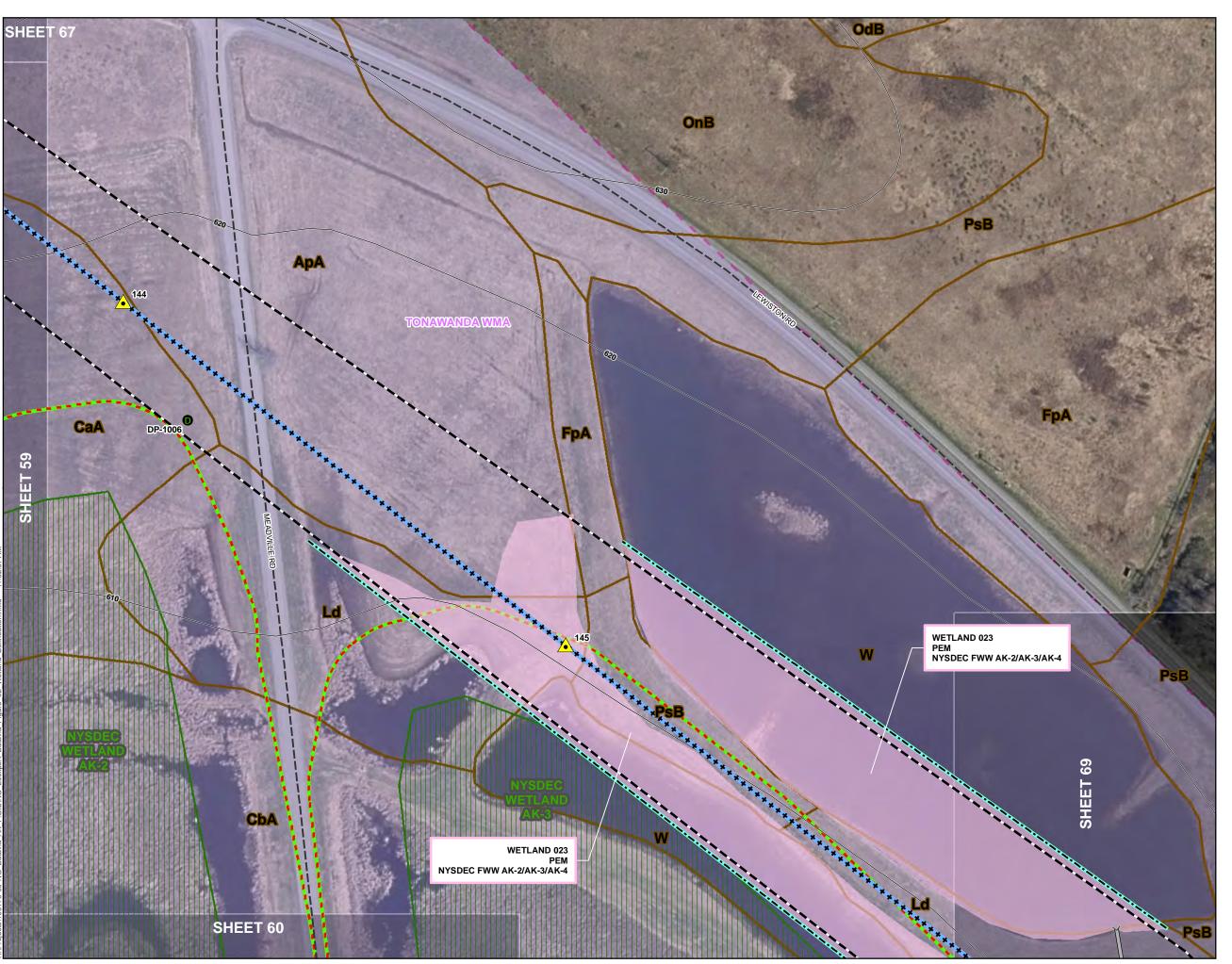






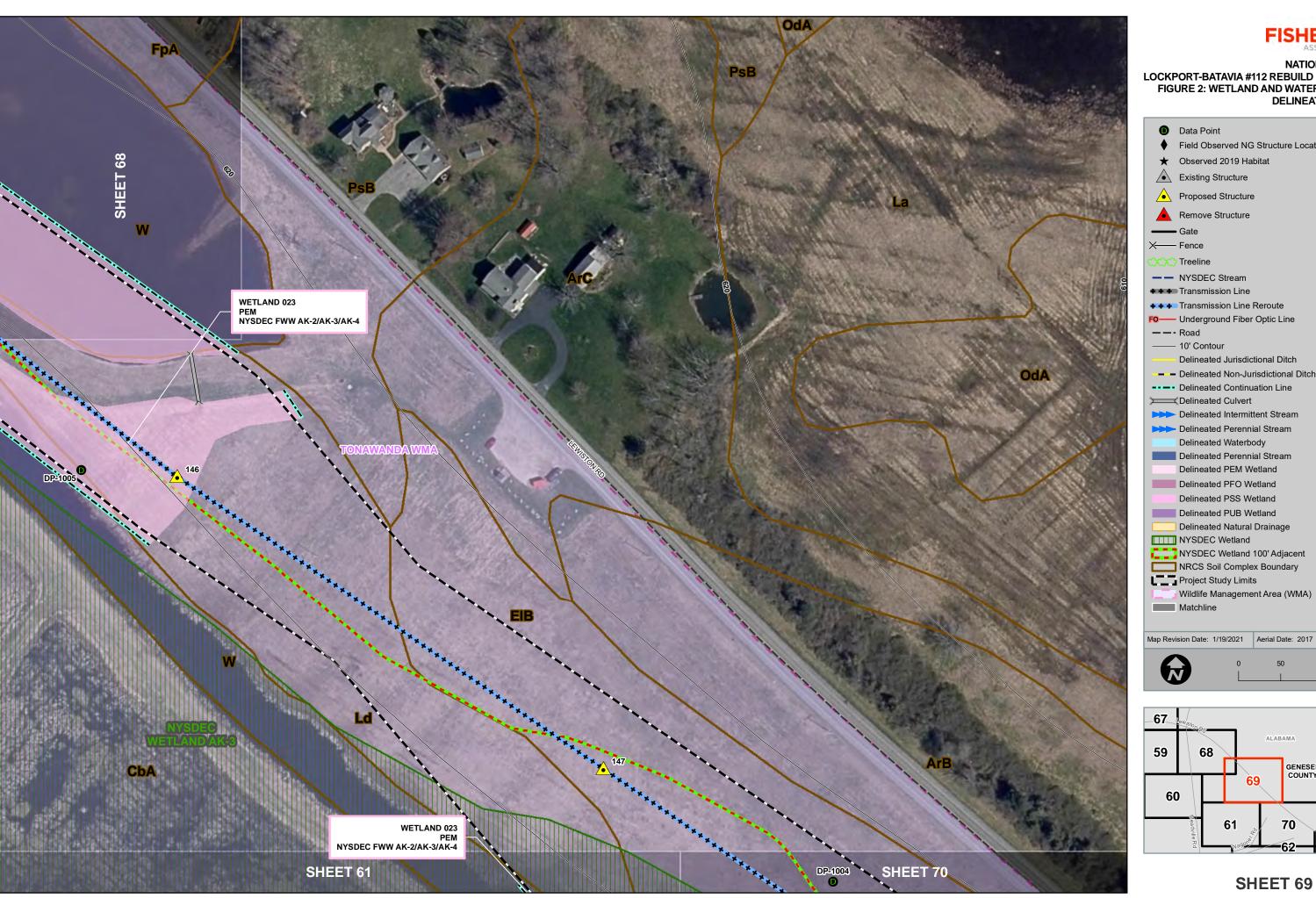




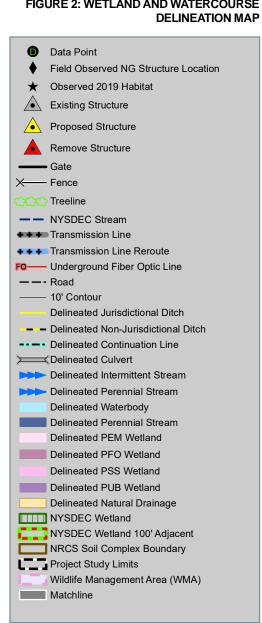


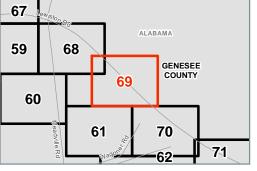




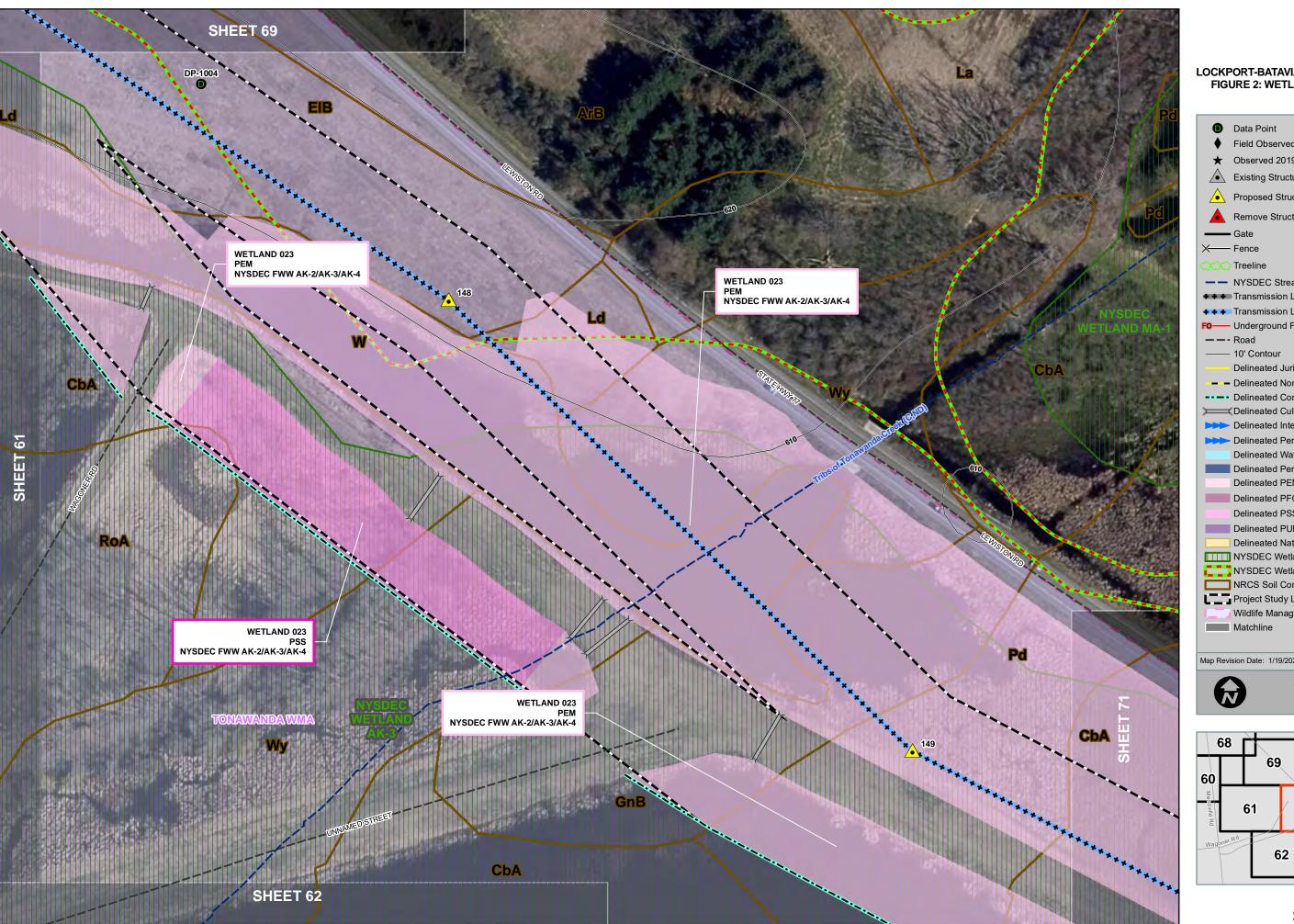






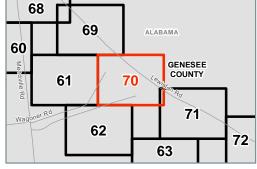


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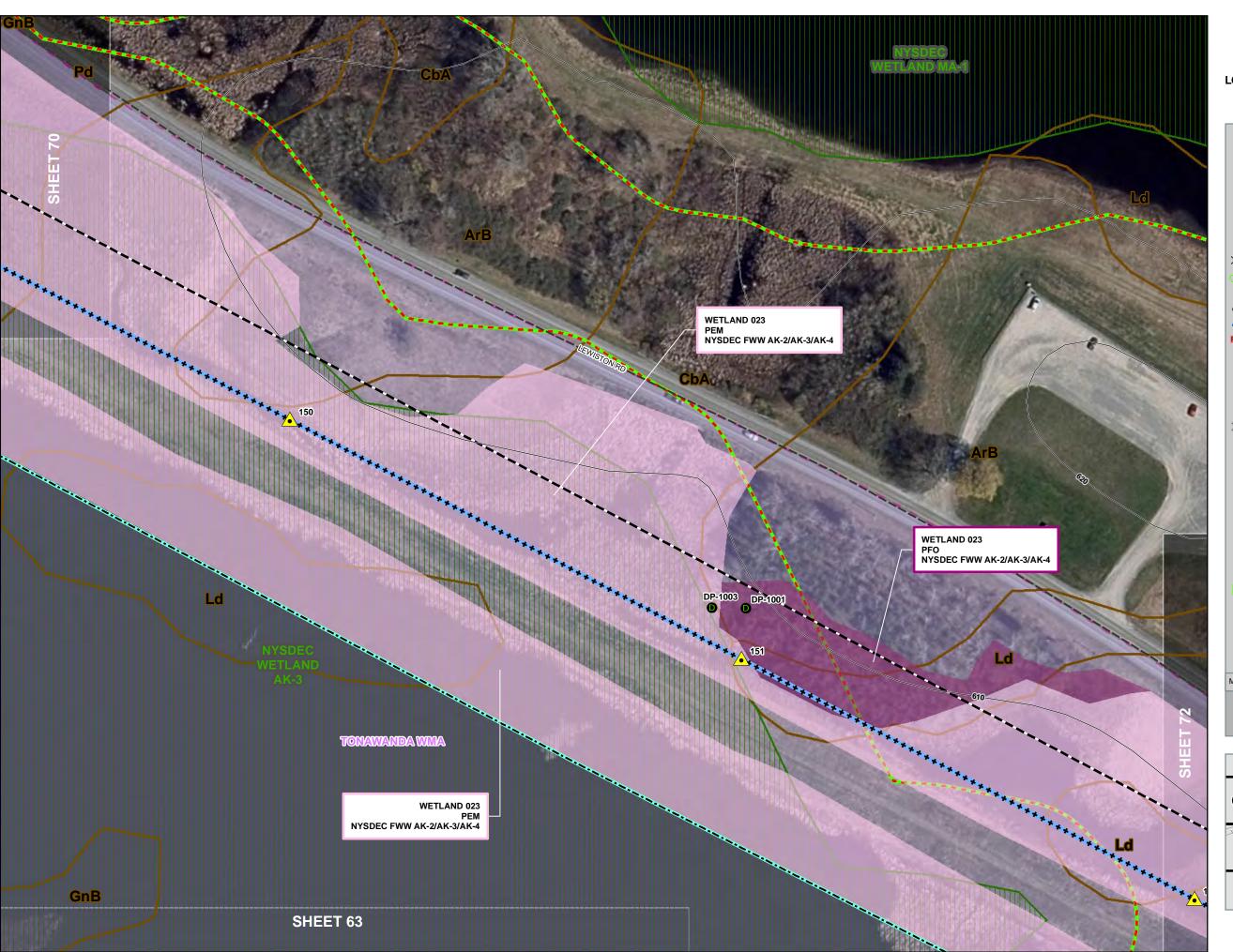




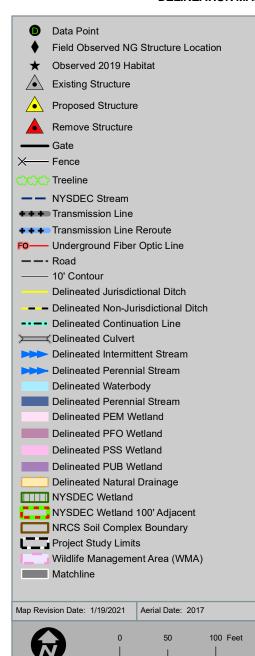


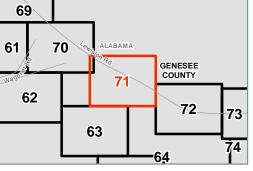


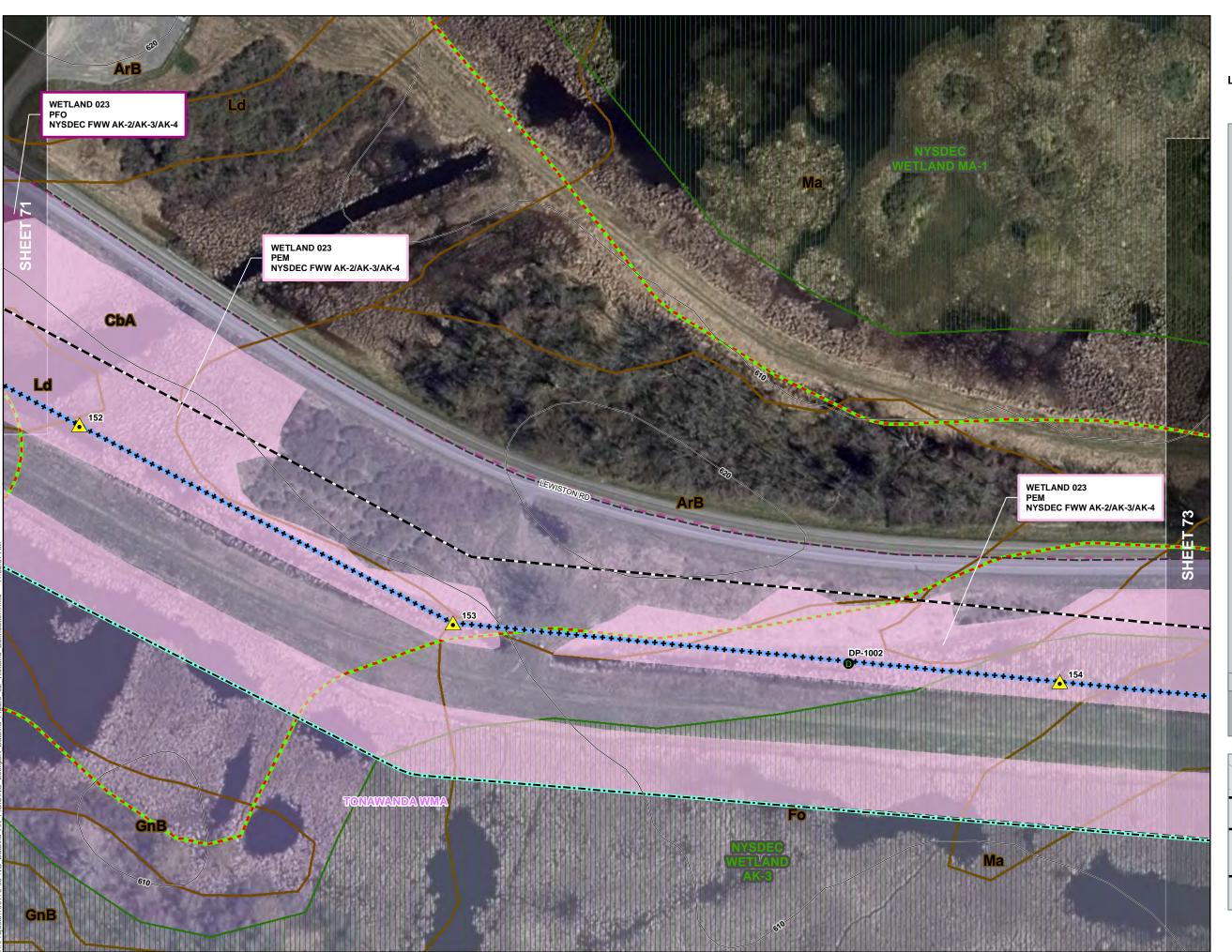
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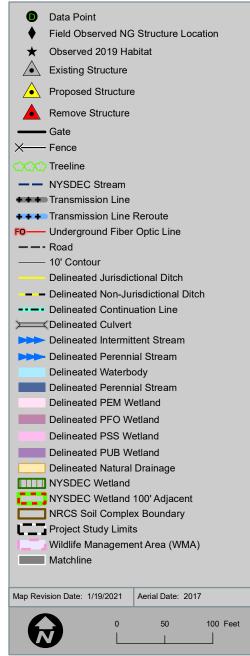


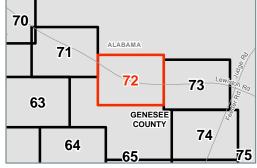


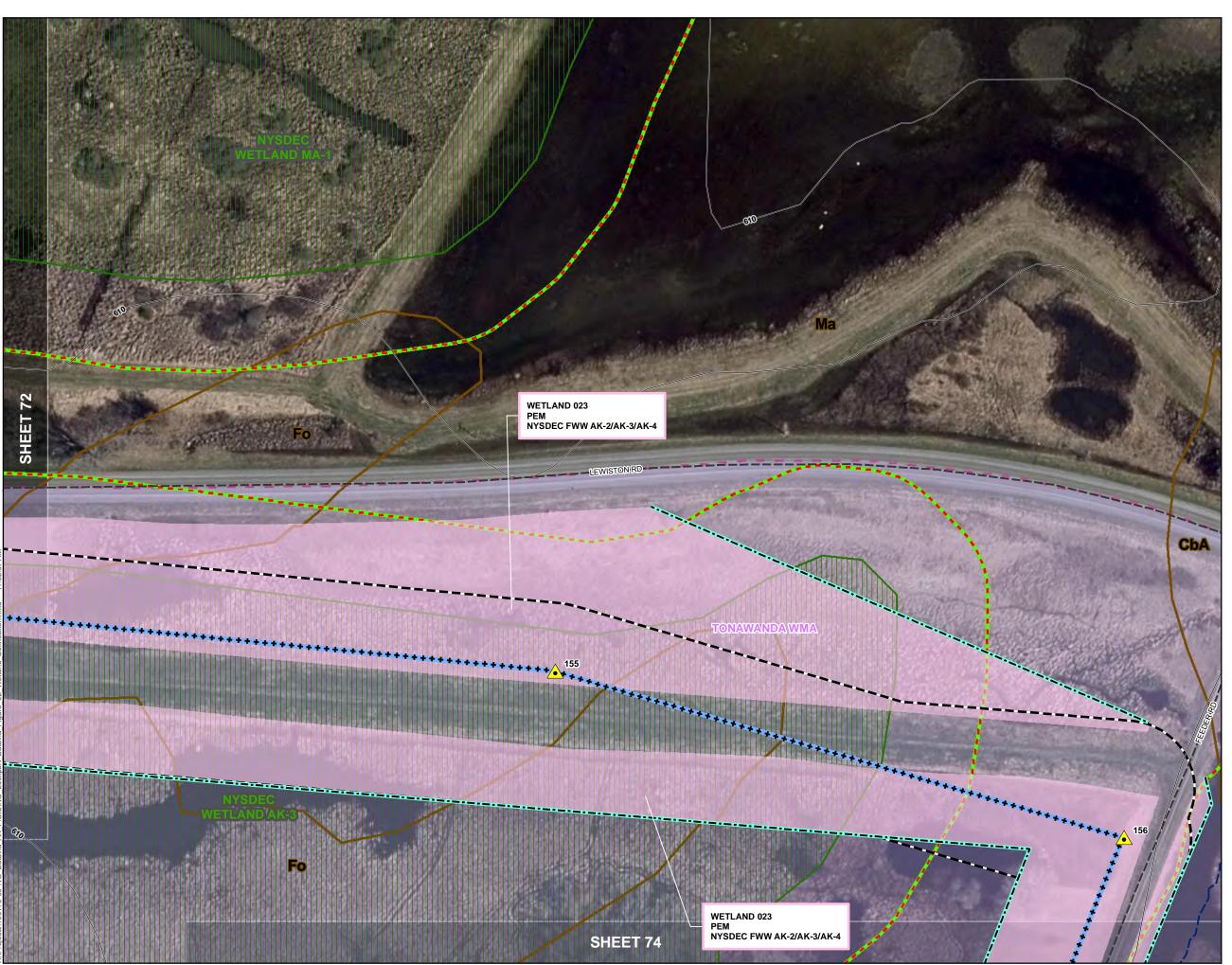




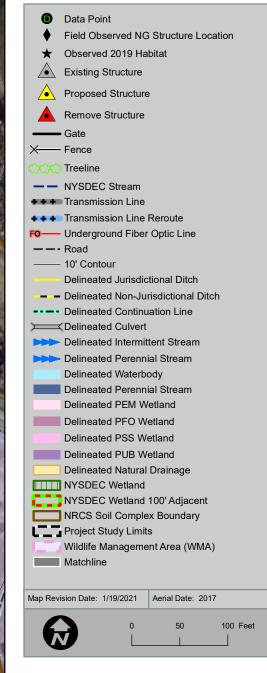


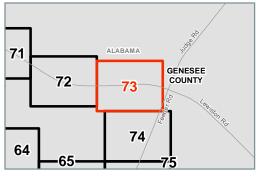


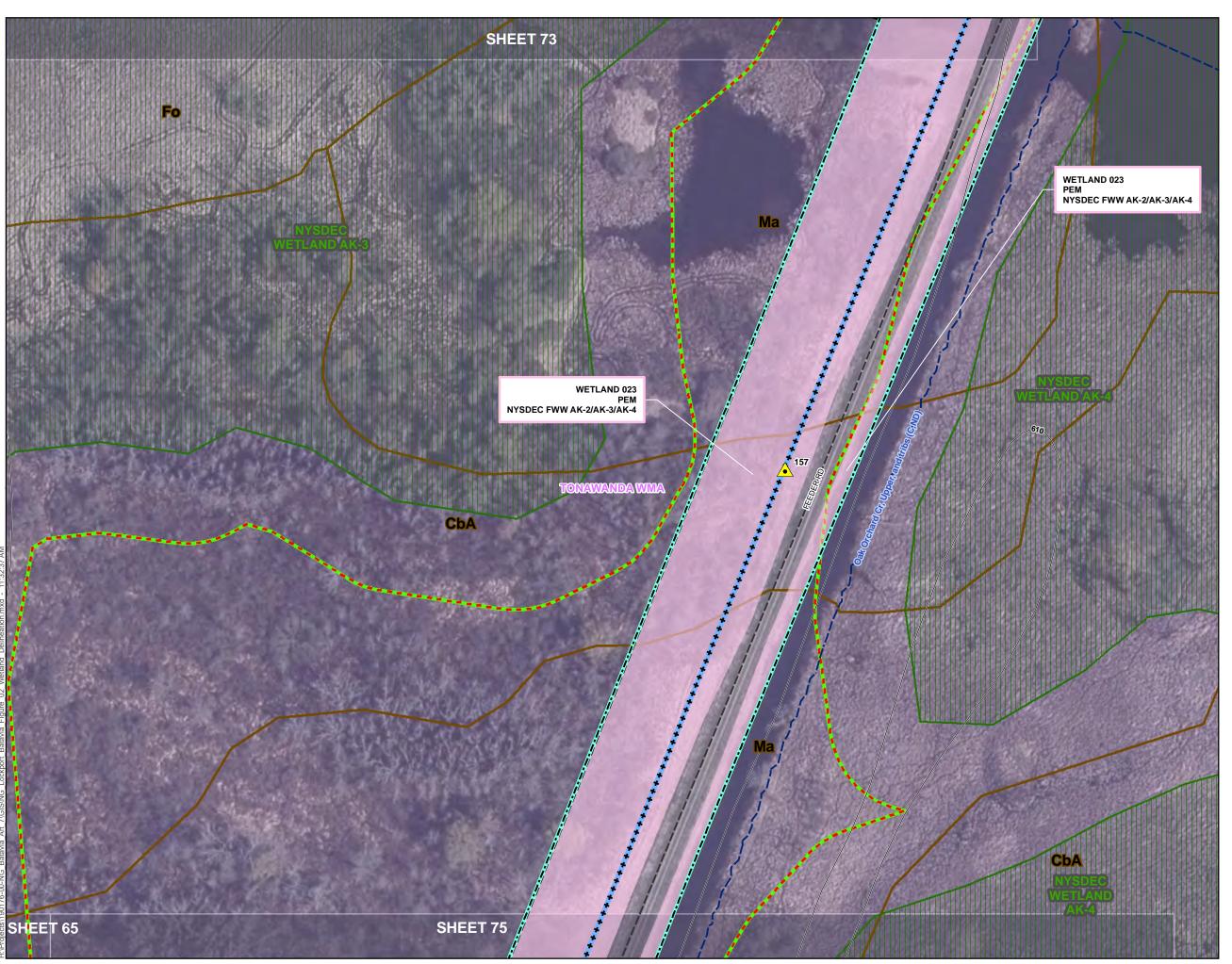




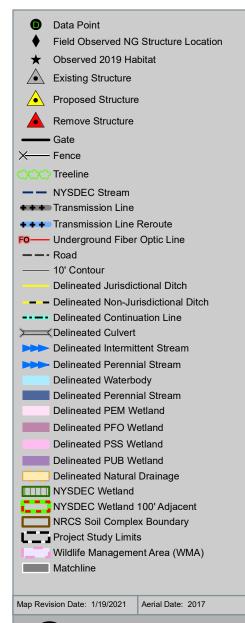


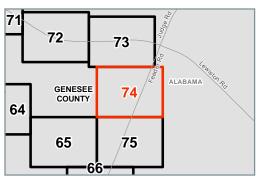




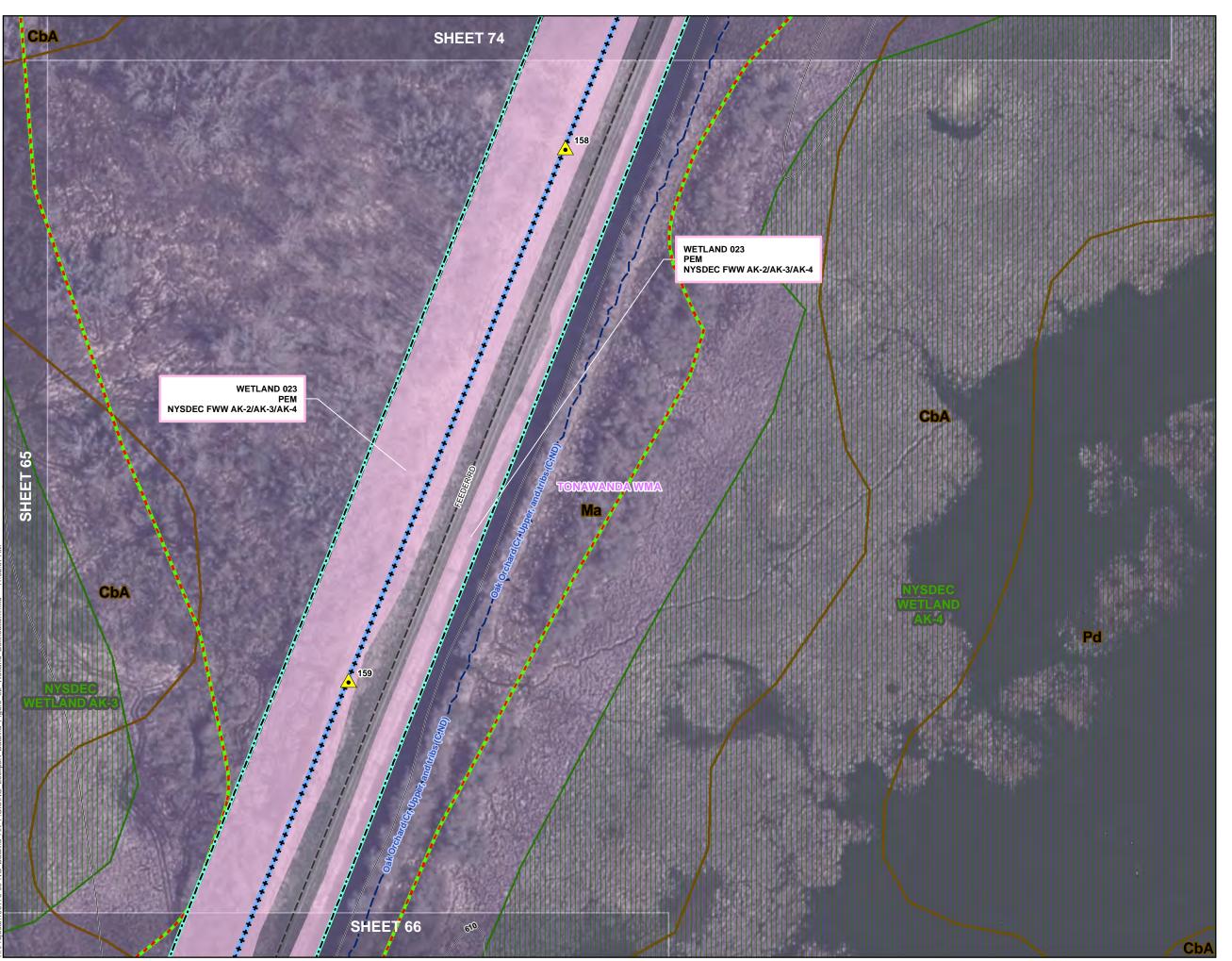




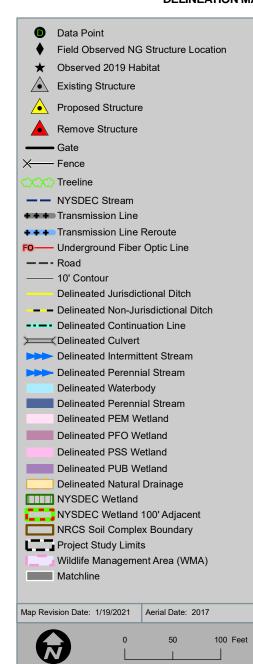


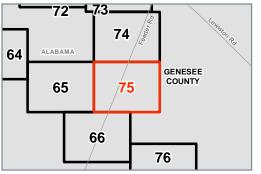


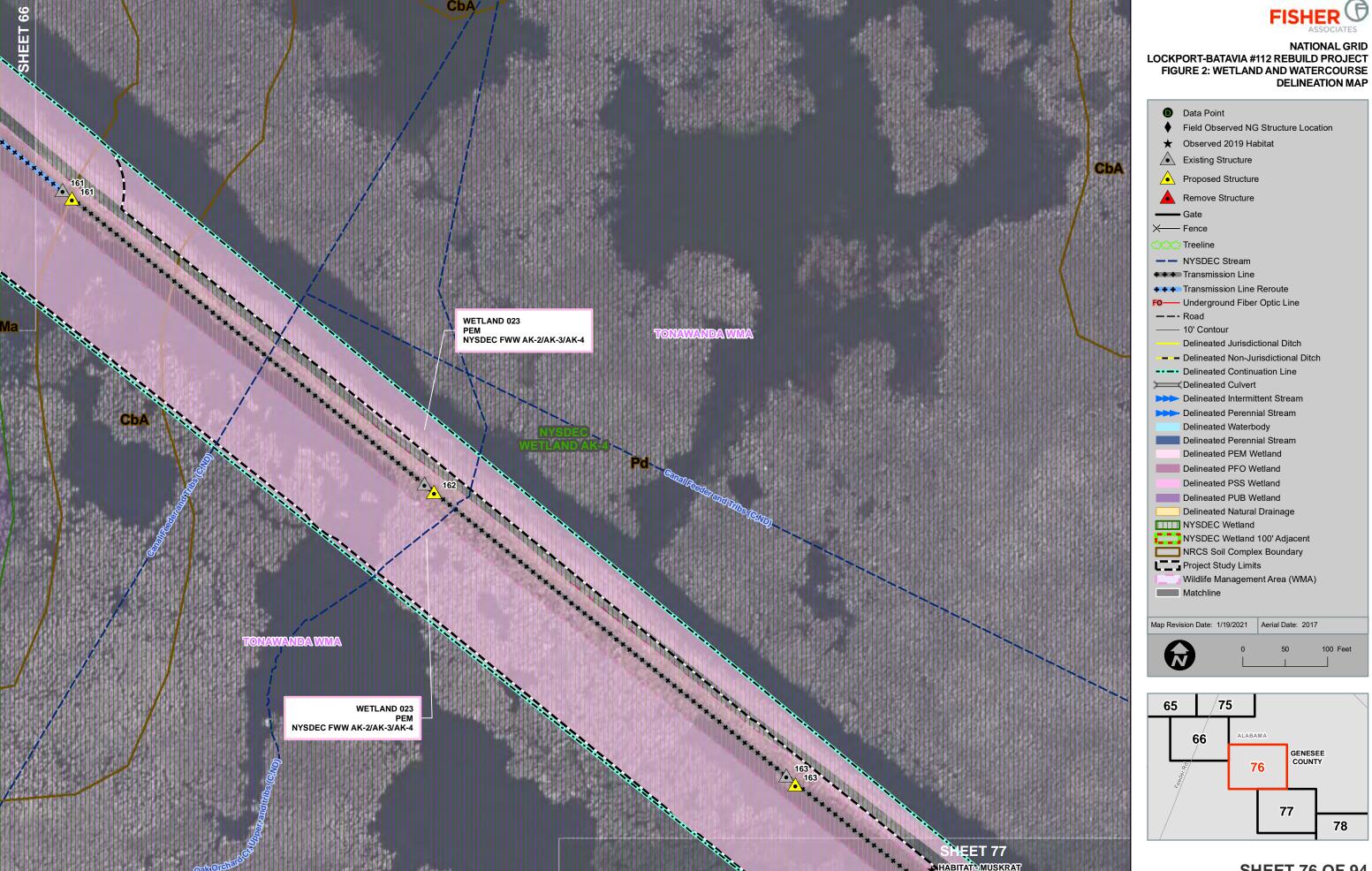
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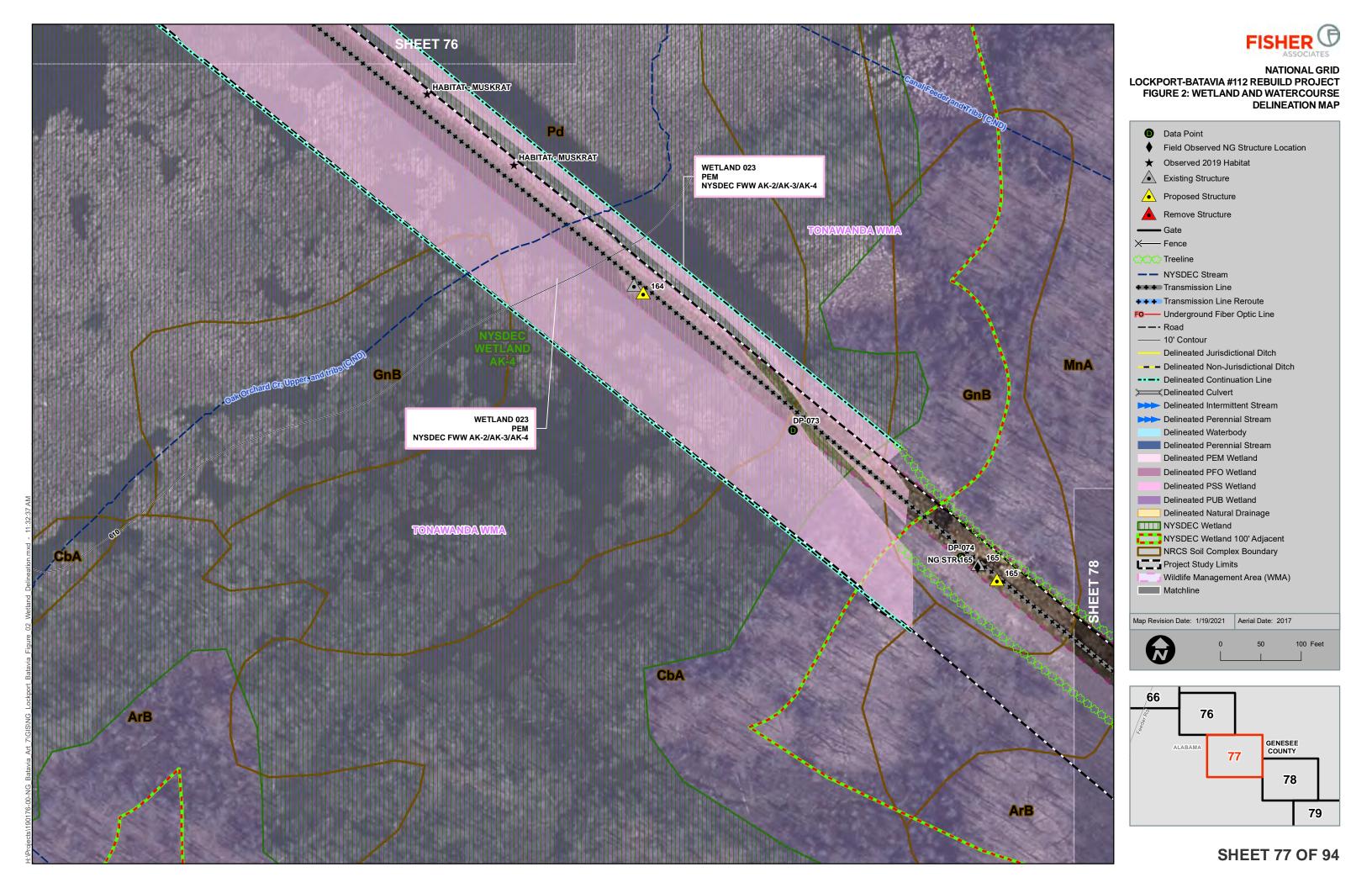




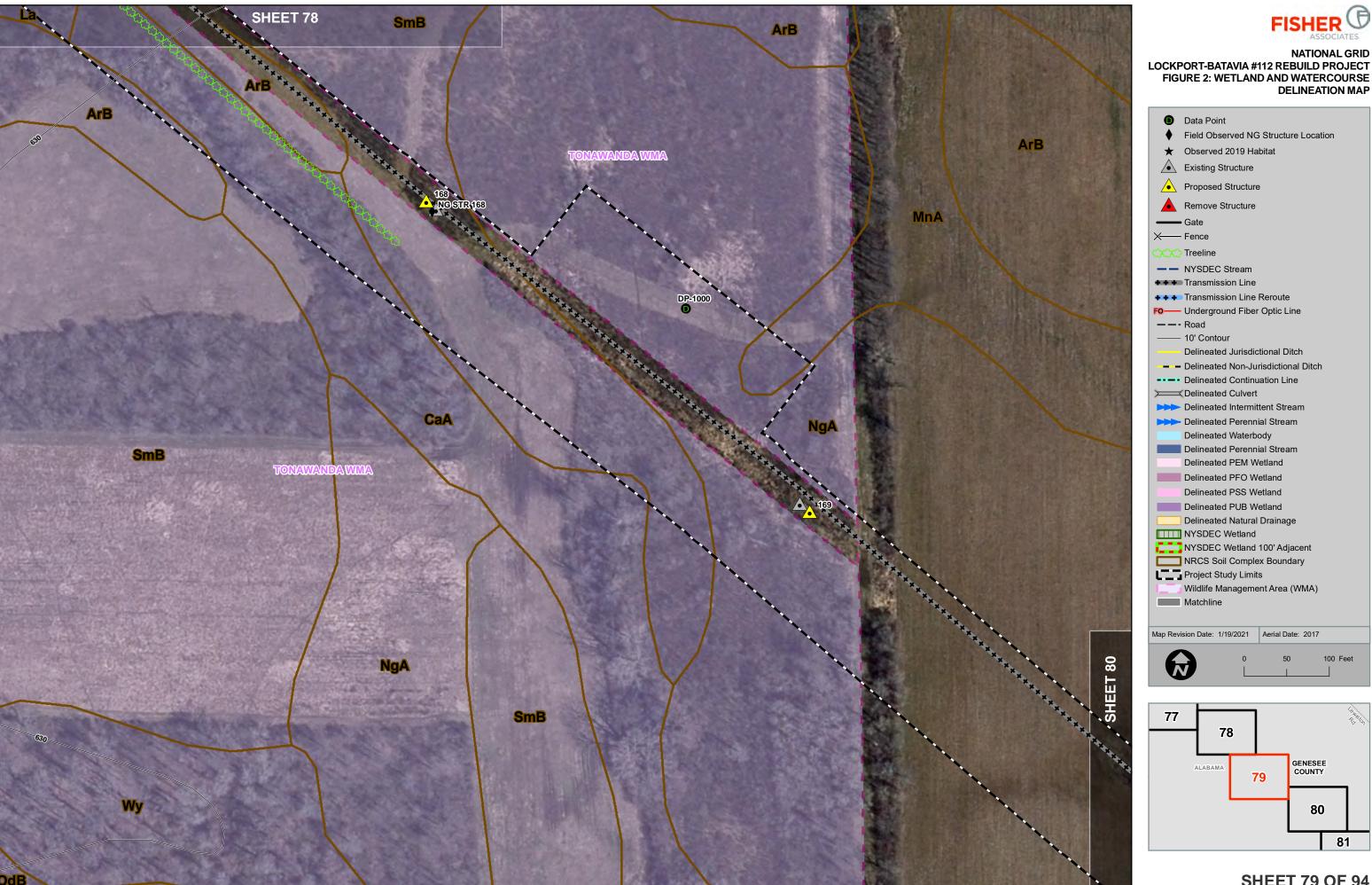












GENESEE COUNTY

80

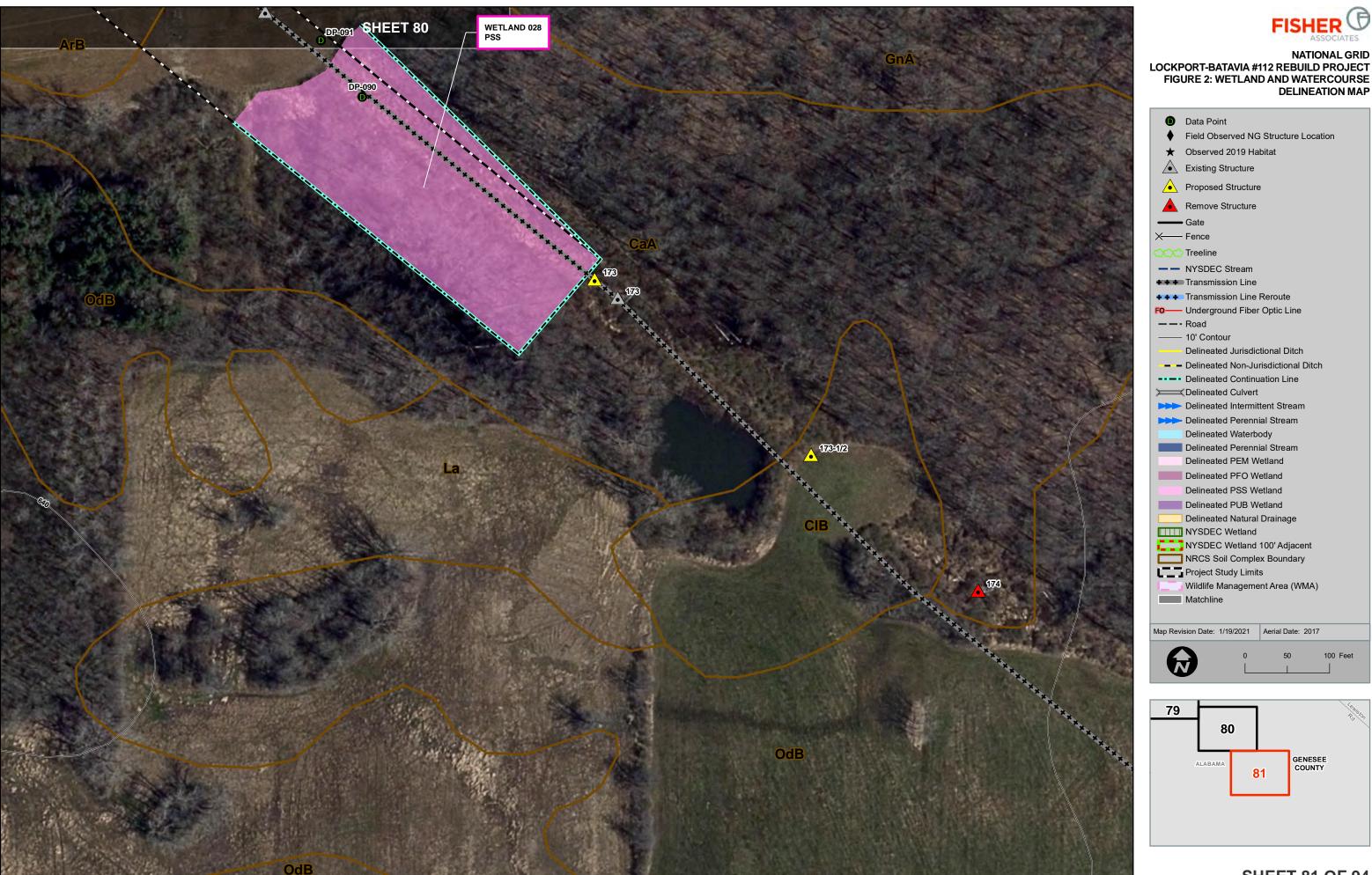
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100 Feet

**DELINEATION MAP** 

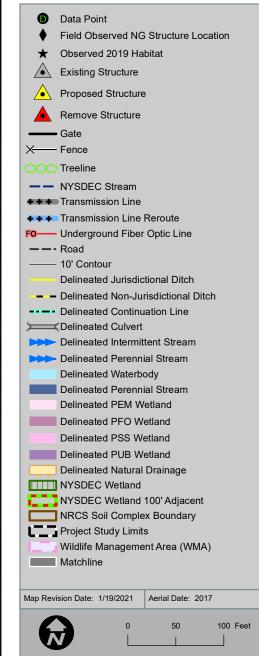


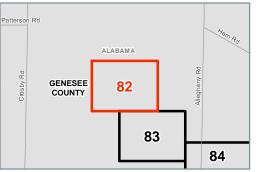
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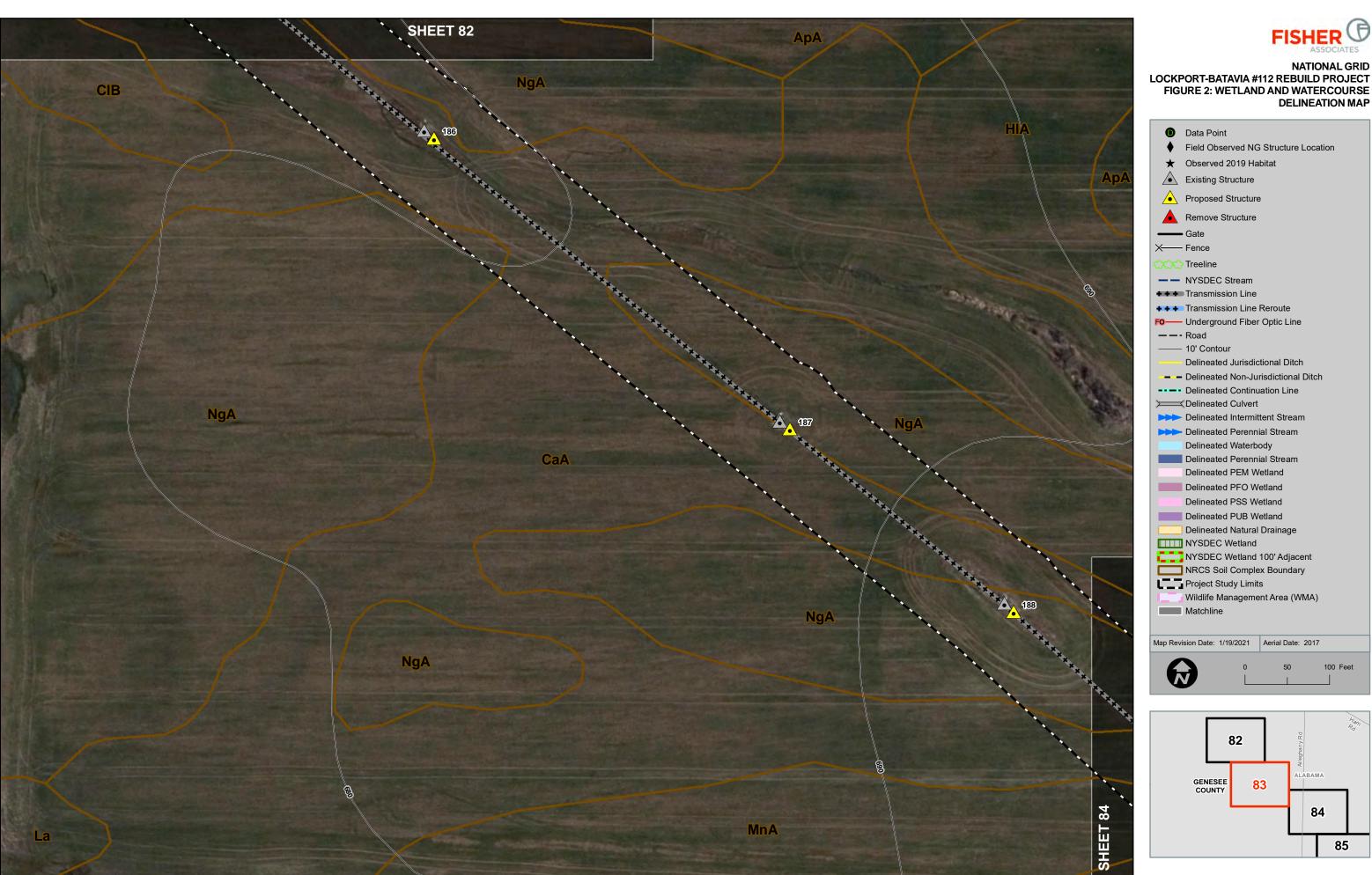








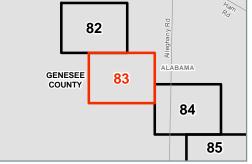






**DELINEATION MAP** 

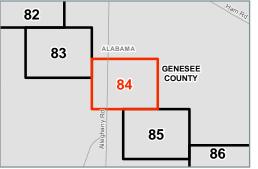


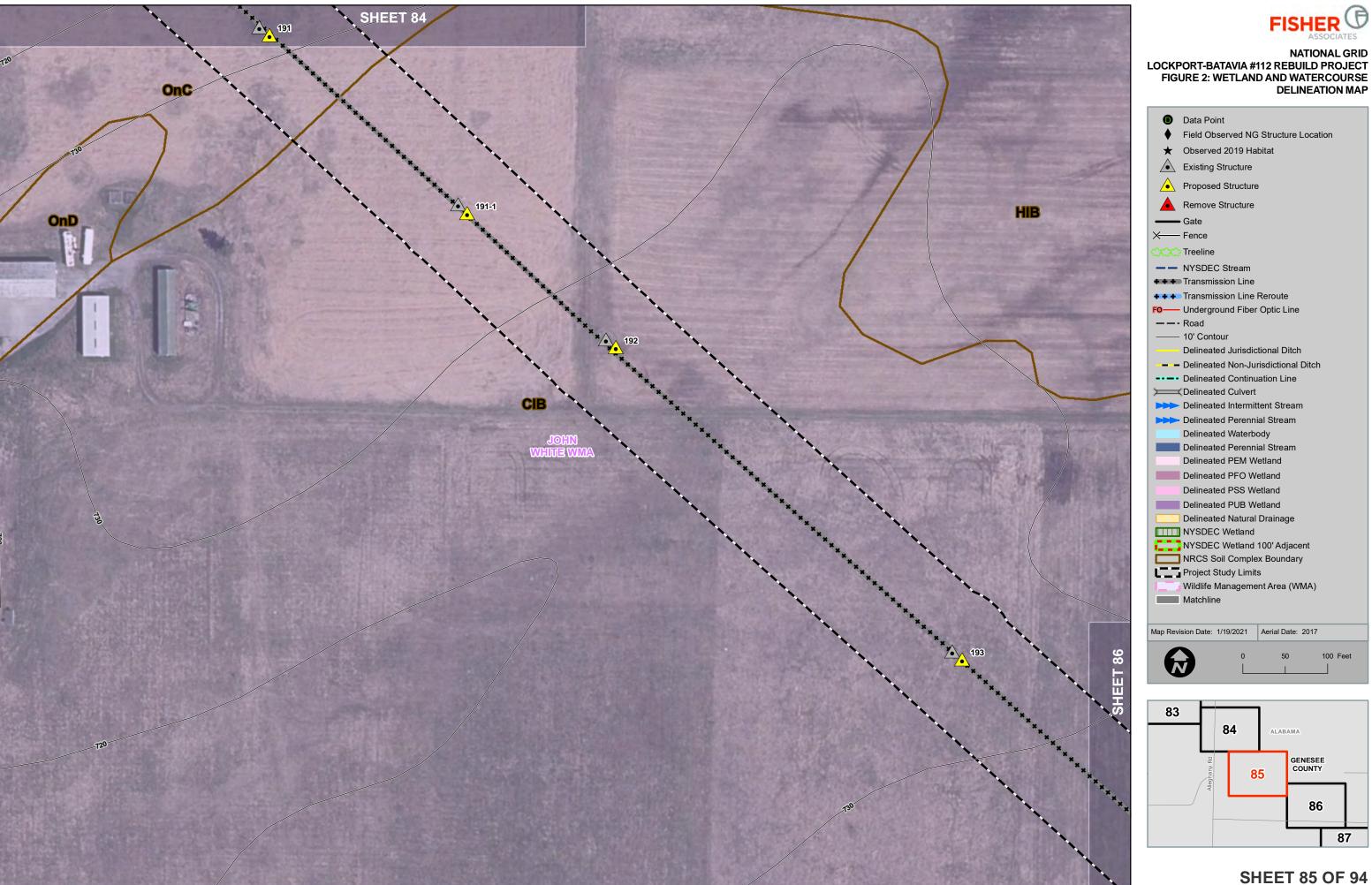


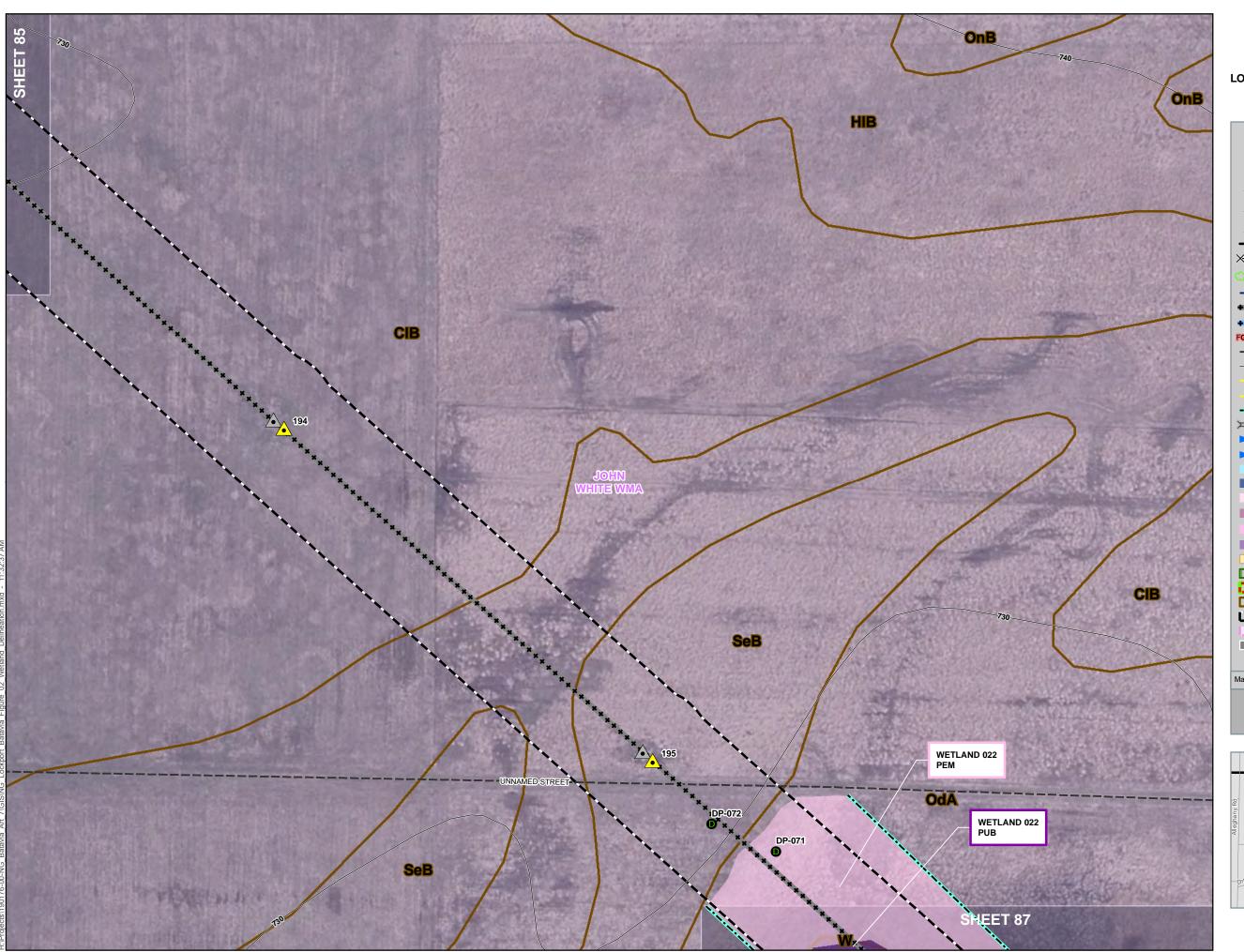






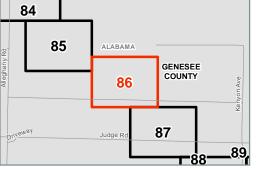


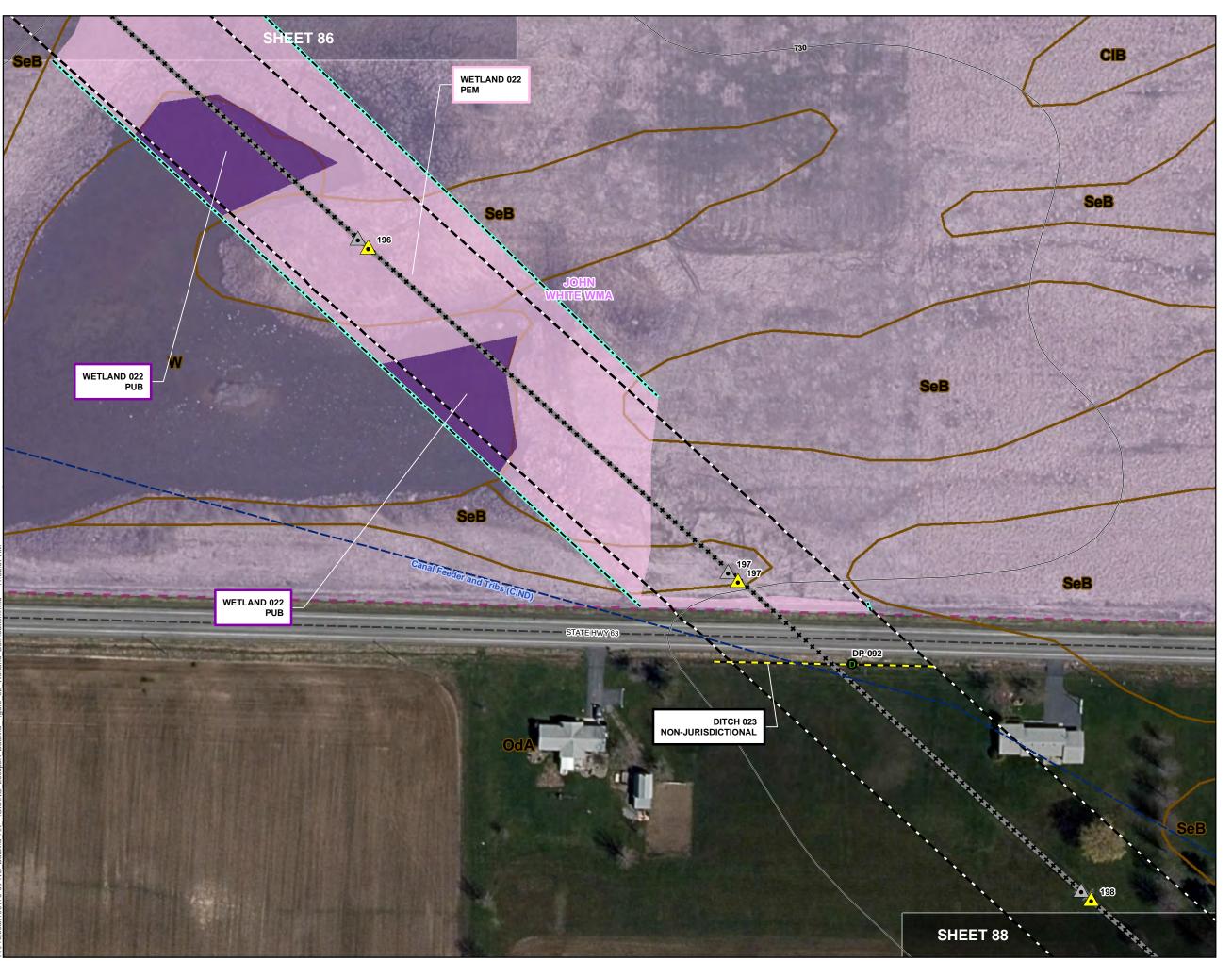




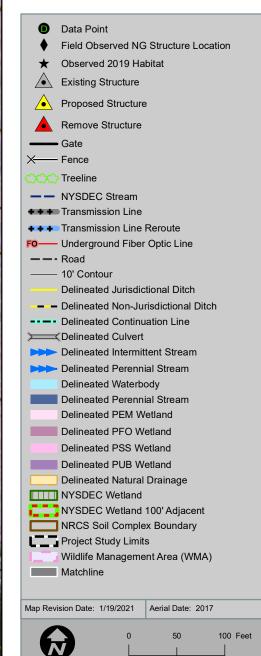


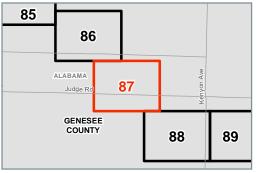






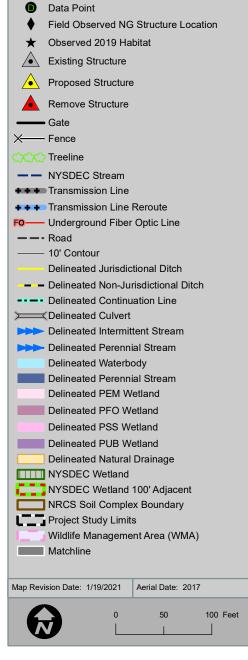


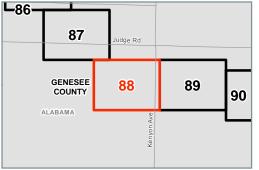


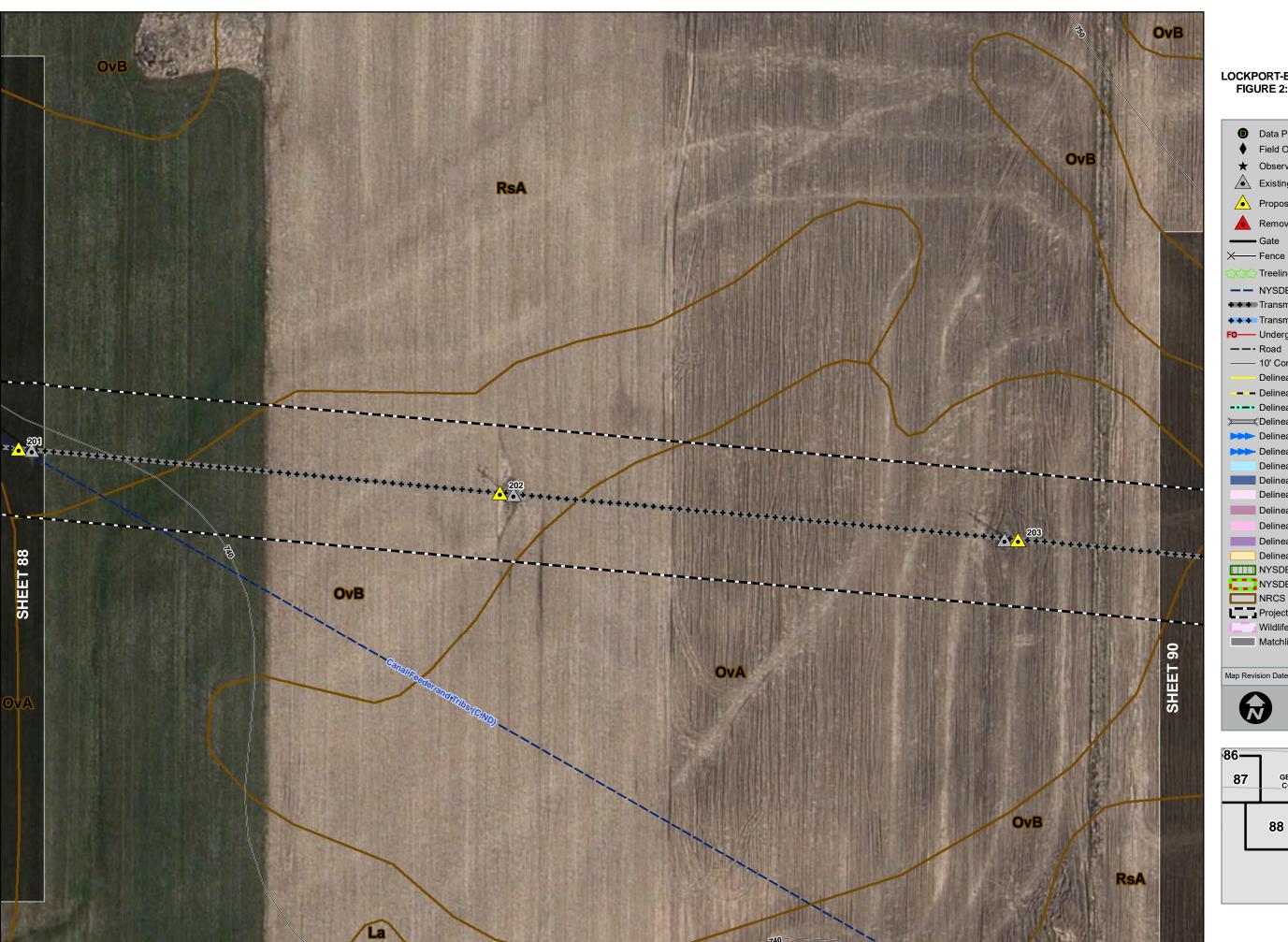




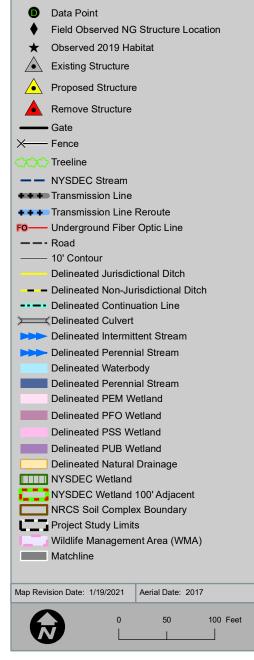


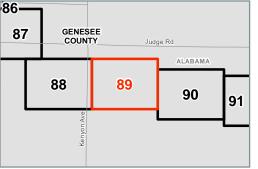








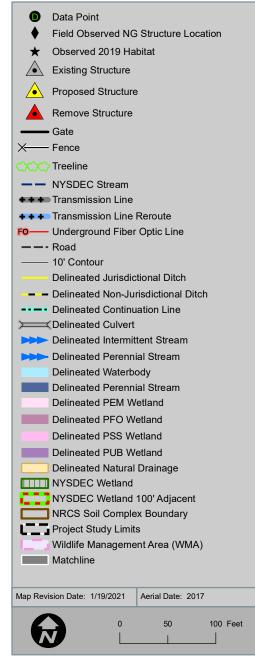






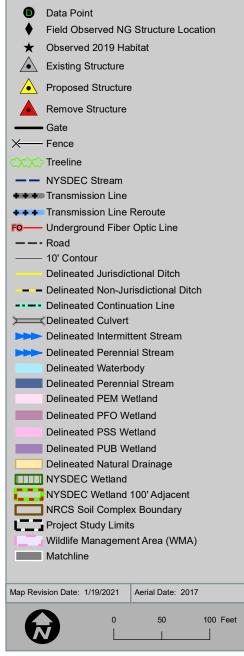


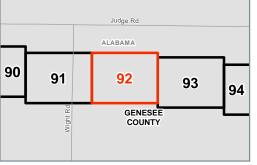






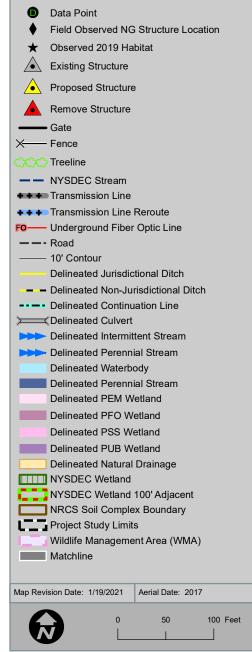


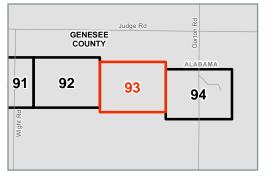








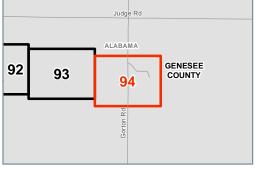












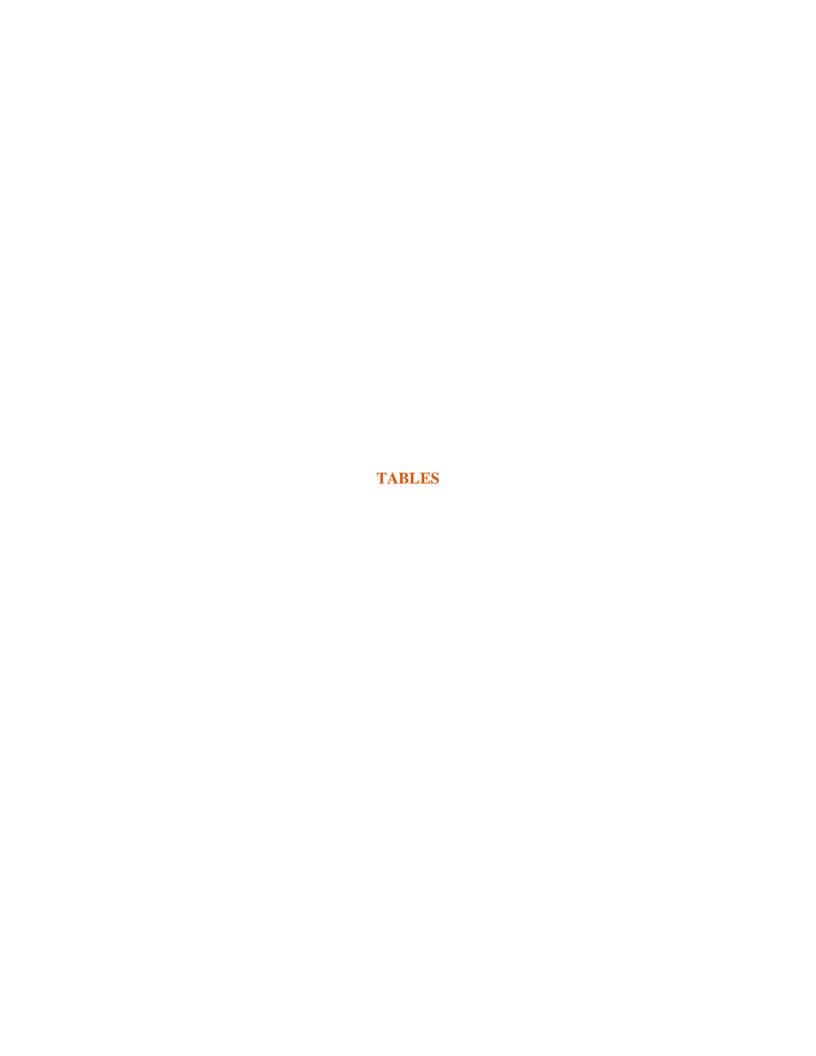


Table 1
Wetland Delineation Summary

Wedlerd	Mon	A	A	Cowardin	Presumed	Coordinates		Wetland An Study I		S	Soils	
Wetland ID	Map Sheet #	Associated Data Point #	Associated Photo #	Classification	Federal / State Jurisdiction <sup>2</sup>	Latitude	Longitude	Square Feet		Soil Symbol	Hydric Component Percentage	
								231	0.01	Cu	5	
001	1	DP-001 & DP-002	1 thru 4	PEM	Federal	43.147959	-78.717049	4,338	0.10	HmA	0	
								12,723	0.29	OwA	5	
002	1	DP-003 & DP-004	5 thru 8	PEM	Federal	43.147508	-78.718378	13,653	0.31	HmA	0	
002	1	D1 -003 & D1 -004	3 tili ti 8				-76.716376	9,968	0.23	OwA	5	
003	2	DP-006 & DP-007	9 thru 12	PEM	Federal	43.147437	-78.715828	8,937	0.21	Cu	5	
004	2	DP-008 & DP-009	13 thru 16	PEM	Federal	43.147641	-78.714981	13,177	0.30	Cb	92	
004	2	D1 -000 & D1 -009	13 thu 10	I EWI	redetai	43.147041	-/0./14901	454	0.01	Cu	5	
								135,235	3.10	Ca	86	
								84,904	1.95	Cb	92	
					Federal &		-78.711786	31,051	0.71	CnB	4	
005	2	DP-009 & DP-010	15 thru 18	PEM	State (NYSDEC LP-33)	43.147011		48,509	1.11	Lg	92	
								54,247	1.25	Mf	57	
								61,790	1.42	NaA	4	
								55,303	1.27	PsA	0	
006	4	DP-011 & DP-012	19 thru 22	PEM	,		0.33	OdB	4			
	5	DP-013 & DP-014	23 thru 26	PEM		43.144030		2,100	0.05	CcB	0	
007							-78.699466	33,165	0.76	HlB	0	
007	3							42,712	0.98	OdA	5	
								1,641	0.04	OvA	4	
008	10	DP-020 & DP-021	42 thru 45	PEM		43.141885	-78.674831	214	0.00	ClA	8	
				PEM		43.140342	-78.629717	13,358	0.31	HlA	0	
009	20	DP-026 & DP-027	53 thru 61	T ENT		13.110312	70.027717	5,098	0.12	Md	82	
007	20	D1 020 & D1 027	33 til ti 01	PSS		43.140252	-78.629628	3,506	0.08	HlA	0	
						43.140232		1,515	0.03	Md	82	
010	19	DP-029 & DP-030	65 thru 68	PEM		43.140324	-78.635340	8,488	0.19	ClA	8	
011	18	DP-031 & DP-032	69 thru 72	PEM	Federal	43.140451	-78.638277	31,006	0.71	ClA	8	
								6,472	0.15	HlA	0	
012	20 & 21	DP-034 & DP-035	76 thru 79	PEM	Federal	43.140640	-78.628782	56,035	1.29	Lc	95	
012	20 86 21	DI 034 & DI -033	/ Unit / /	1 1/1/1	1 caciai	13.140040	70.020702	90,184	2.07	Md	82	
								12,157	0.28	OvA	4	
013	23	DP-038 & DP-039	86 thru 89	PEM		43.140350	-78.616630	92,819	2.13	OdA	5	
013	د2	D1 -030 & D1 -033	00 11111 07	1 1/1/1	<b></b>	73.140330	-/8.010030	26,101	0.60	OvA	4	
014	22 & 23	DP-040 & DP-041	90 thru 93	PEM	Federal	43.140153	-78.621078	11,907	0.27	Lc	95	
017		D1-040 & D1-041	90 uitu 93	I INVI				165,811	3.81	OdA	5	
015	23 & 24	DP-044 & DP-045	100 thru 103	PEM		43.140268	-78.610288	6,463	0.15	OdA	5	
013	23 0x 24		100 unu 103	I DIVI		45.140208	70.010200	146,229	3.36	OvA	4	

Table 1
Wetland Delineation Summary

Wetland	Мар	Associated	Associated	Cowardin	Presumed	Coord	linates	Wetland A		S	Soils	
ID	Sheet #	Data Point #	Photo #	Classification	Federal / State Jurisdiction <sup>2</sup>	Latitude	Longitude	Square Feet	Acres	Soil Symbol	Hydric Component Percentage	
				PEM		43.140223	-78.606831	269,256	6.18	Lc	95	
	25.26.0	DD 046 DD 045 DD			Federal &	.51110225		11,071	0.25	OdA	5	
016	25, 26, &	DP-046, DP-047, DP- 048	104 thru 109	PFO	State	43.139959	-78.601419	233	0.02	Lc OdA	95 5	
	21	040			(NYSDEC GA-22)			87,681	2.01	Lc	95	
				PSS		43.140387	-78.607865	2,763	0.06	OdA	5	
017	27	DP-051 & DP-052	113 thru 116	PEM	Federal & State	43.140196	-78.597451	127,355	2.92	OdA	5	
017	27	D1 031 & D1 032	113 tint 110	1 LIVI	(NYSDEC GA-21)	43.140190	70.377431	4,827	0.11	OvA	4	
					Federal &			29,568	0.68	ClA	8	
018	27 thru 32	DP-054 & DP-055	120 thru 123	PEM	State	43.140361	-78.591266	292,467	6.71	Lc	95	
					(NYSDEC GA-21)			55,135	1.27	NaA	4	
								712,834	16.36	OdA	5	
019	36	DP-061 & DP-062	139 thru 142	PEM	Federal	43.139899	-78.557668	874 11,600	0.02	ApA Lc	95	
019	30	D1-001 & D1-002				43.139099		57,091	1.31	OdA	5	
050	26	DP-064 & DP-065	146 thru 149	PEM	Federal & State (NYSDEC GA-6)	43.139729	70.552000	158,890	3.65	Lc	95	
020	36						-78.553800	88,781	2.04	OdA	5	
021	41 & 42	DP-068 & DP-069	156 thru 159	PEM		43.141932	-78.530627	13,612	0.31	OdA	5	
	86 & 87	DP-071 & DP-072	163 thru 166	PEM PUB	State (John White WMA)	43.076192	-78.382543	62,009	1.42	OdA	5	
								30,177	0.69	SeB	0	
022						43.075732	-78.381871	7,885	0.18	W	0	
								666	0.02	OdA	5	
								23,558 6,805	0.54 0.16	W	0 4	
								69,848	1.60	ApA ArB	0	
								5,503	0.13	CaA	95	
								1,002,090	23.00	CbA	95	
								59,027	1.36	ElB	0	
								115,575	2.65	Fo	96	
		DP-073, DP-074, DP-			Federal &			58	0.001	FpA	10	
		085, DP-086, DP-	167 thru 170 &		State			62,972	1.45	GnB	0	
023	59 thru 77	085, DP-086, DP- 098 thru DP-105	174 thru 177 &	PEM	(NYSDEC AK-2,	43.124258	-78.456573	193	0.00	HlB	0	
			225 thru 249		AK-3, AK-4, &			170,288	3.91	Ld	92	
					Tonawanda WMA)			582,089 18	13.36	Ma	93 5	
								278,272	0.0004 6.39	MnA Pd	100	
								7,259	0.39	PsB	0	
								17,185	0.17	RoA	0	
								172,109	3.95	W	0	
								48,782	1.12	Wy	90	

Table 1
Wetland Delineation Summary

Wetland	Man	Associated Associated Cowardin Presumed Coordinate		linates	Wetland Area within Study Limits		Soils				
ID	Map Sheet #	Data Point #	Photo #	Classification	Federal / State Jurisdiction <sup>2</sup>	Latitude	Longitude	Square Feet	Acres	Soil Symbol	Hydric Component Percentage
		DP-073, DP-074, DP-	167 thru 170 &	PFO	Federal & State	43.118017	-78.444531	9,063	0.21	ArB	0
23	59 thru 77	085, DP-086, DP-	174 thru 177 &		(NYSDEC AK-2,			95	0.002	CbA	95
(cont.)		098 thru	225 thru 249		AK-3, AK-4 &			10,057	0.23	Ld	92
		DP-105		PSS	Tonawanda WMA)	43.124194	-78.462039	1,155	0.03	CaA	95
								23,618	0.54	CbA	95
								1,980	0.05	RoA	0
								17,783	0.41	Wy	90
024	42 & 43	DP-076 & DP-077	178 thru 181	PEM	Federal	43.142470	-78.525944	26,474	0.61	Lc	95
								57,870	1.33	OdA	5
025	44	DP-080 & DP-081	& DP-081 188 thru 191 PF		Federal	43.143351	-78.519898	43,019	0.99	Ma	93
								11,806	0.27	RbA	8
026	46	DP-082 & DP-083	192 thru 195	PEM		43.145012	-78.508843	102,129	2.34	OdA	5
				1 23.1				745	0.02	OvA	4
					Federal &			7,354	0.17	Lc	95
027	54, 55, &	DP-087, DP-088,		PEM	State	43.132951	-78.475908	250,180	5.74	Ma	93
	56	DP-089	199 thru 204		(NYSDEC MD-1			17,118	0.39	OdA	5
				PFO	Tonawanda WMA)	43.131006	-78.472454	50,527	1.16	Ma	93
								44,784	1.03	OdA	5
028	80 & 81	DP-090 & DP-091	205 thru 208	PSS	Federal	43.097575	-78.417185	61,572	1.41	CaA	95
							Total	6,690,281	153.59		

#### 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. Federal / State Jurisdiction and Connectivity classifications provided represent the professional opinion of Fisher Associates and the interpretation of the U.S. Navigable Waters Protection Rule under the Clean Water Act and NYS ECL Article 24: Freshwater Wetlands Program. For approval of these classifications, a request for Jurisdictional Determination should be made to the US Army Corps of Engineers and/or the NYS Department of Environmental Conservation.

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
	•	•											•	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	D1-015	27 till u 29	Intermittent		43.142030	-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

WEILAND DETERMINATION DATA FO	RM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII City	County: Missam County Sampling Date: 8/6/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP-601
Investigator(s): James Ireland Sec	tion, Township, Range: Town of Lockoo /
• 11	elief (concave, convex, none):
Subregion (LRR or MLRA): LRR-L Lat: 43. 147779	
Soil Map Unit Name: Ovid Sillloan Instere Substration	, On 3 pure slyes NWI classification: Not classific
Are climatic / hydrologic conditions on the site typical for this time of year?	
	urbed? Are "Normal Circumstances" present? YesX No
Are Vegetation, Soil, or Hydrology naturally problem	
	mpling point locations, transects, important features, etc.
Hydrophytic Vegetation Present?  Yes No X  Hydric Soil Present?  Yes No Y	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.)	ii yes, optional wetiand site ib.
Upland Dalm Roint For Without 1	Albert 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	
<ul><li>High Water Table (A2)</li><li>Saturation (A3)</li><li>Aquatic Fauna (B13)</li><li>Marl Deposits (B15)</li></ul>	
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)	· , — , , , , , , , , , , , , , , , , ,
Iron Deposits (B5) Thin Muck Surface (	· · · · · · · · · · · · · · · · · · ·
Inundation Visible on Aerial Imagery (B7) Other (Explain in Re	· -
Sparsely Vegetated Concave Surface (B8)  Field Observations:	FAC-Neutral Test (D5)
Surface Water Present? Yes No Depth (inches):	
Water Table Present? Yes No Depth (inches):	
Saturation Present? Yes No Depth (inches): (includes capillary fringe)	Wetland Hydrology Present? Yes No _X
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pr	evious inspections), if available:
Remarks:	
	·
I · · · · · · · · · · · · · · · · · · ·	

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

VEGETATION - Ose scientific flames of plants	,. 		Camping Fonts
2-1	Absolute Dominant		Dominance Test worksheet:
Tree Stratum (Plot size: 30')	% Cover Species?	<u>Status</u>	No orbital of Description
1	. <del></del>		That Are OBL, FACW, or FAC: (A)
2			
			Total Number of Dominant Species Across All Strata:  (B)
3	· —————		Species Across All Strata: (B)
4			Percent of Dominant Species
5			That Are OBL, FACW, or FAC:
6			Prevalence index worksheet:
7			Total % Cover of: Multiply by:
	= Total Cov	er	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15')	<del></del>		FACW species x 2 =
Saplind/Shrub Stratum (Plot size:)	rel n		FAC species x 3 =
1. Flacagrus vmbellalu	<u> </u>	NL	
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%
_	$5^{c/g}$ = Total Cov	er	
Herb Stratum (Plot size: 5 <sup>t</sup> )			3 - Prevalence Index is ≤3.0¹
1. Centerica stocle	7001. 8-	NZ	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
2. Colium perenne	20° #Y	FACU	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Stidage canadensis	20% & Y	FACU	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
3. Stillage CENTAINSIS			be present, unless disturbed or problematic.
4. Daveus carota	15 40 1	1116	
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			C. H. Line L. Mary to observe to an thorn 2 to DDI.
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 0.20 it (1 in) tain
10			Herb - All herbaceous (non-woody) plants, regardless of
			size, and woody plants less than 3.28 ft tall.
11	- <del></del>		Woody vines - All woody vines greater than 3.28 ft in
12			height.
•	5 185 = Total Cov	er	
l	- 10ta 00V		
Woody Vine Stratum (Plot size:)			
1	<del></del>		
2			Hydrophytic
2			Vegetation   Present?   Yes   No/_
٥		<del></del>	
4			
	= Total Cov	er	
Remarks: (Include photo numbers here or on a separate	e sheet.)		
Actumn Olive & Spotted Kneyou	•	ve an	indicator status re
11000000			
Here were not included in	letel merror to con	-11	
Mete were not included in	www yours an	- ·.	

Profile Desc	ription: (Describe t	to the depth	needed to docun	nent the ir	ndicator	or confirm	the absence	of indicators.)
Depth (inches)	Matrix Color (moist)		Redox Color (moist)	x Features %	Type <sup>1</sup>	Loc²	Texture	Remarks
0~7	16 48413	foot,	Color (moist)		type	LOC	S:L	Remaiks
\ <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>	10 /513	100 0					<u> </u>	
							<u></u>	
					-			
						-		
					<del></del>			
<sup>1</sup> Type: C=Co	ncentration, D=Depl	etion, RM=R	educed Matrix, MS	=Masked	Sand Gra	ins.	<sup>2</sup> Location:	: PL=Pore Lining, M=Matrix.
Hydric Soil I								for Problematic Hydric Soils <sup>3</sup> :
Histosol	• •		_ Polyvalue Below		(S8) ( <b>LRR</b>	R,		luck (A10) (LRR K, L, MLRA 149B)
Histic Ep	ipedon (A2)		MLRA 149B) Thin Dark Surface		DD D MI	DA 440D\		Prairie Redox (A16) (LRR K, L, R)
	n Sulfide (A4)		_ Loamy Mucky M					fucky Peat or Peat (S3) (LRR K, L, R) urface (S7) (LRR K, L, M)
	Layers (A5)		_ Loamy Gleyed N			-,		lue Below Surface (S8) (LRR K, L)
	Below Dark Surface	(A11) _	_ Depleted Matrix				Thin Da	ark Surface (S9) (LRR K, L)
	rk Surface (A12)	_	_ Redox Dark Sur		<b>-</b> \			anganese Masses (F12) (LRR K, L, R)
	ucky Mineral (S1) leyed Matrix (S4)		_ Depleted Dark S _ Redox Depression		<b>(</b> )			ont Floodplain Soils (F19) (MLRA 149B) Spodic (TA6) (MLRA 144A, 145, 149B)
	edox (S5)	_	_ redux Depressi	0113 (1 0)				arent Material (F21)
	Matrix (S6)							hallow Dark Surface (TF12)
Dark Sur	face (S7) (LRR R, M	LRA 149B)					Other (	Explain in Remarks)
<sup>3</sup> Indicators of	hydrophytic vegetati	on and wetla	and hydrology must	he preser	nt rinless	disturbed (	or problematic	
	ayer (if observed):		e riyar ology maot	. DO P. COO.	11, 4111000	ulotal bod	or problematio	•
Type:	MAA Rod	<u> </u>						
Depth (inc	hes): <b>7</b> "						Hydric Soil	Present? Yes No <u></u>
Remarks:								
;	N. Al. 1	4 .					•	ı
	Duy Multiple	Soil oils	inclies had	عدد ا	لاسم	J". H:	+ Rock e	very time.
	•	J	•	Ŋ	•			
								•

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII City/County // County Sampling Date: 8/6/19 Applicant/Owner: National Grid State: NY Sampling Point: DP- 002 Section, Township, Range: Town of Lockpoil Investigator(s): James Ireland Subregion (LRR or MLRA): <u>LRR-L"</u> Lat: <u>Y3.147713</u> Long: <u>-76.7/7955</u> Datum: NAD '83 Soil Map Unit Name: O.A. Ovid sill lan, limestre substratum, 0 to 3 proud 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  $\underline{\mathcal{V}}$ , Soil  $\underline{\mathcal{V}}$ , or Hydrology  $\underline{\mathcal{V}}$  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. Hydrophytic Vegetation Present? Is the Sampled Area Hydric Soil Present?

Yes Y No

Wetland Hydrology Present?

Yes No

Remarks: (Explain alternative procedures here or in a separate report.) within a Wetland? If yes, optional Wetland Site ID:\_\_ Date Point for Waland 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) <u>¥</u> Surface Water (A1) \_\_\_ Water-Stained Leaves (B9) Drainage Patterns (B10) 上 High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) ✓ Saturation (A3) \_\_\_ Marl Deposits (B15) \_\_ Dry-Season Water Table (C2) \_\_\_ Water Marks (B1) \_\_ Hydrogen Sulfide Odor (C1) \_\_\_ Crayfish Burrows (C8) Sediment Deposits (B2) \_\_\_ Oxidized Rhizospheres on Living Roots (C3) \_\_\_ Saturation Visible on Aerial Imagery (C9) \_ Drift Deposits (B3) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Algai Mat or Crust (B4) MR Recent Iron Reduction in Tilled Soils (C6) Y 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 X No Depth (inches): 2" Yes Y No Depth (inches): 0" Water Table Present? Saturation Present? Yes X No Depth (inches): 0" Wetland Hydrology Present? Yes \_\_\_\_ No \_\_\_\_ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

	Absolute Dominant Indicator	Dawinana Taat workshoot
ree Stratum (Plot size:30 <sup>f</sup> )	% Cover Species? Status	Dominance Test worksheet:  Number of Dominant Species
		That Are OBL, FACW, or FAC:(A)
		Total Number of Dominant Species Across All Strata:  (B)
		Opedes Adross 7 iii otidaa.
		Percent of Dominant Species That Are OBL FACW or FAC: (A/B)
		That Are OBL, FACW, or FAC: (A/B)
		Prevalence Index worksheet:
		Total % Cover of: Multiply by:
	<i>f</i>	
	<b>C</b> = 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 =
5.		
3.		Hydrophytic Vegetation Indicators:
		_ <u> </u> 1 - Rapid Test for Hydrophytic Vegetation
7		上 2 - Dominance Test is >50%
	<b>Ø</b> = Total Cover	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size:)	100% V 081	4 - Morphological Adaptations (Provide supporting
Typha angustifiles		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
		<sup>1</sup> Indicators of hydric soil and wetland hydrology must
3		be present, unless disturbed or problematic.
4		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		
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.
	<i>[oo%</i> = Total Cover	
Woody Vine Stratum (Plot size: 36 )		•
1		Hydrophytic
2		- Vegetation
3		Present? Yes No
4.		_
	= Total Cover	
Remarks: (Include photo numbers here or on a separ	rate sheet.)	
•		· · · · · · · · · · · · · · · · · · ·
		A.
		V.
		· ·

Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.			Sampling Point: DP-
Color (moist)   Redox Features   Type'   Loc'   Texture   Remarks	escription: (Describe to the depth r	ument the indicator or confirm the absen	ce of indicators.)
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.    C	Matrix	dox Features	
Section   PL=Pore Lining, M=Matrix, MS=Masked Sand Grains.   PL=Pore Lining, M=Matrix, Varice Soil Indicators:   Indicators for Problematic Hydric Soil Indicators   Indicators for Problematic Hydric Soil Indicators   Polyvalue Below Surface (S8) (LRR R, Histic Epipedon (A2)   Polyvalue Below Surface (S9) (LRR R, MLRA 149B)   Each Histic (A3)   Thin Dark Surface (S9) (LRR R, MLRA 149B)   Depleted Below Dark Surface (A5)   Loamy Mucky Mineral (F1) (LRR K, L)   Dark Surface (A5)   Loamy Gleyed Matrix (F2)   Polyvalue Below Surface (A12)   Redox Dark Surface (F6)   Iron-Mangairese Masses (F12) (LRR K, L)   Polyvalue Below Surface (S9) (LRR R, MLRA 149B)   Polyvalue Below Surface (S9) (LRR K, L)	10.01	•	Remarks
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.  ydric Soll Indicators: Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Thin Dark Surface (S9) (LRR R, MLRA 149B) Stratified Layers (A5) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (F1) (LRR K, L) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Stripped Matrix (S6) Dark Surface (F7) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (F7) Stripped Matrix (S6) Dark Surface (F7) Urey Shallow Dark Surface (F12) Dark Surface (F7) Urey Shallow Dark Surface (F12) Dark Surface (F7) Urey Shallow Dark Surface (F12) Dark Surface (S7) (LRR R, MLRA 149B)  idicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.			
ype: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.  ydric Soil Indicators:  Histosol (A1)  Polyvalue Below Surface (S8) (LRR R, Histic Epipedon (A2)  Black Histic (A3)  Thin Dark Surface (S9) (LRR R, MLRA 149B)  Black Histic (A3)  Thin Dark Surface (S9) (LRR R, MLRA 149B)  Coast Prairie Redox (A16) (LRR K, L, MLRA 149B)  Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Redox Dark Surface (F6)  Sandy Mucky Mineral (S1)  Sandy Mucky Mineral (S1)  Depleted Dark Surface (F7)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Redox Depressions (F8)  Stripped Matrix (S6)  Dark Surface (F7)  Piedmont Floodplairs (F19) (MLRA 144A, 1 Red Preent Meterial (F21)  Very Shallow Dark Surface (TF12)  Dark Surface (S7) (LRR R, MLRA 149B)  dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.	1 - 1 1 8 3/1 600/0 11	Hove I have class	
Histosol (A1) Polyvalue Below Surface (S8) (LRR R, Loanty Murch 149B) Coast Prairie Redox (A16) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, MLRA 149B) Stratified Layers (A5) Loamy Mucky Mineral (F1) (LRR K, L) Dark Surface (S7) (LRR K, L, M) Polyvalue Below Dark Surface (A11) Dark Surface (F2) Polyvalue Below Surface (S8) (LRR K, L) Dark Surface (S9) (LRR K, L) Dark Surface (	# -W	- 10 - C New Charg	
Histosol (A1) — Polyvalue Below Surface (S8) (LRR R, Histic Epipedon (A2) — MLRA 149B) — Coast Prairie Redox (A16) (LRR K, L, MLRA 149B) — Stratified Layers (A5) — Loamy Mucky Mineral (F1) (LRR K, L) — Polyvalue Below Surface (S9) (LRR R, MLRA 149B) — Dark Surface (S7) (LRR K, L, M) — Depleted Below Dark Surface (A11) — Redox Dark Surface (F6) — Iron-Mangariese Masses (F12) (LR K, L) — Sandy Mucky Mineral (S1) — Depleted Dark Surface (F7) — Piedmont Floodiplain Series (F19) (MLRA 144A, 1 Red Parent Material (F21) — Very Shallow Dark Surface (TF12) — Other (Explain in Remarks)  dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.  Histosol (A1) — Polyvalue Below Surface (S9) (LRR K, L) — Coast Prairie Redox (A16) (LRR K, L) — Coast Prairie Redox (A16) (LRR K, L) — Dark Surface (S7) (LRR K, L, M) — Dark Surface (S9) (LRR K, L) — Dark Surface (S7) (LRR K, L, M) — Dark Surface (S7) (LRR K, L, M) — Dark Surface (A12) — Dark Surface (F6) — Iron-Mangariese Masses (F12) (LRI Piedmont Floodiplain Series (F19) (MI RA 144A, 1 — Redox Depressions (F8) — Mesic Spodic (TA6) (MLRA 144A, 1 — Red Parent Material (F21) — Very Shallow Dark Surface (TF12) — Other (Explain in Remarks)  dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.  strictive Layer (if observed):  Type: // A			
Histosol (A1)			
Histosol (A1)	. N <sub>1</sub>		
Histosol (A1)			:
Histosol (A1)			,
Histosol (A1)		<u> </u>	
Histosol (A1)			
Histosol (A1)			<u> </u>
Histosol (A1)			
Histosol (A1)			
Histosol (A1)	=Concentration, D=Depletion, RM=Rec	/S=Masked Sand Grains 2 ocation	on: Pl =Pore Lining M-Matrix
Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4)  Stratified Layers (A5) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR K, L) Bedox Depressions (F8)  Thin Dark Surface (F12) Depleted Dark Surface (F7) Redox Depressions (F8)  Stripped Matrix (S6) Dark Surface (S7) (LRR K, L) Depleted Dark Surface (F7) Redox Depressions (F8)  Stripped Matrix (S6) Dark Surface (S7) (LRR K, L)  Iron-Mangariese Masses (F12) (LRI K) Depleted Dark Surface (F7) Redox Depressions (F8)  Mesic Spodic (TA6) (MLRA 144A, 1) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)  Ideators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.  Thype:  NA  Polyvalue Below (A10) (LRR K, L, MLRA 149B)  Scholar Surface (S7) (LRR K, L) Dark Surface (S7) (LRR K, L, M) Polyvalue Below Surface (S8) (LRR K, L) Dark Surface (S7) (LRR K, L, M) Polyvalue Below Surface (S9) (LRR K, L) Polyvalue Below Surface (S	oil Indicators:		rs for Problematic Hydric Soils <sup>3</sup>
Histic Epipedon (A2)  Black Histic (A3)  Hydrogen Sulfide (A4)  Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Mucky Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7)  Stripped Matrix (S6)  Dark Surface (S7)  Coast Prairie Redox (A16) (LRR K, L)  Dark Surface (S9) (LRR K, L)  Dark Surface (S7) (LRR K, L, M)  Polyvalue Below Surface (S8) (LRR K, L)  Iron-Mangariese Masses (F12) (LRI K, L)  Iron-Mangariese Masses (F12) (LRI K, L)  Piedmont Floodplaint Selfs (F19) (MI Redox Depressions (F8)  Mesic Spodic (TA6) (MLRA 144A, 1 Red Parent Material (F21)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  Depth (inches):  MAC  Hydric Soil Present? Yes X N		4	•
Hydrogen Sulfide (A4)  Hydrogen Sulfide (A4)  Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Mucky Mineral (S1)  Sandy Mucky Mineral (S1)  Sandy Redox (S5)  Stripped Matrix (S4)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR K, L)  Depleted Dark Surface (F7)  Redox Depressions (F8)  Stripped Matrix (S6)  Dark Surface (S7)  Loamy Gleyed Matrix (F3)  Thin Dark Surface (S9) (LRR K, L)  Polyvalue Below Surface (S8) (LRR K, L)  Iron-Mangariese Masses (F12) (LRI  Piedmont Floodplair Series (F19) (MI  Mesic Spodic (TA6) (MLRA 144A, 1  Mesic Spodic (TA6) (MLRA 144A, 1  Wery Shallow Dark Surface (TF12)  Other (Explain in Remarks)  Depth (inches):   N  Hydric Soil Present? Yes   N  Hydric Soil Present? Yes   N  N  N  N  N  Hydric Soil Present? Yes   N  N  N  N  N  N  N  N  N  N  N  N  N	Epipedon (A2)	3) Coas	st Prairie Redox (A16) (LRR K. L. R)
Loamy Mucky Mineral (F1) (LRR K, L)   Dark Surface (S7) (LRR K, L, M)		face (S9) (LRR R, MLRA 149B) 🗀 💹 5 cm	Mucky Peat or Peat (S3) (LRR K, L, F
Depleted Below Dark Surface (A11)  Depleted Matrix (F3)  Thick Dark Surface (A12)  Sandy Mucky Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Depleted Dark Surface (F7)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Depleted Dark Surface (F7)  Mesic Spodic (TA6) (MLRA 144A, 1  Red Parent Material (F21)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  Depth (inches):  MA  Hydric Soil Present? Yes X	• • • • • • • • • • • • • • • • • • • •	Mineral (F1) (LRR K, L)	Surface (S7) (LRR K, L, M)
Thick Dark Surface (A12)		<del></del> , -	value Below Surface (S8) (LRR K, L)
Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Piedmont Floodplain with Script (F19) (MI Sandy Gleyed Matrix (S4) Redox Depressions (F8) Mesic Spodic (TA6) (MLRA 144A, 1 Red Parent Material (F21) Very Shallow Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks)  dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.  strictive Layer (if observed):  Type: NA  Depth (inches): NIA  Hydric Soil Present? Yes X N	· · · · · · · · · · · · · · · · · · ·	- · ·	Dark Surface (S9) (LRR K, L)
Sandy Gleyed Matrix (S4) Redox Depressions (F8) Mesic Spodic (TA6) (MLRA 144A, 1 Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) Other (Explain in Remarks) Other (Explain in Remarks) Strictive Layer (if observed): // A Depth (inches): // A Hydric Soil Present? Yes X N	· · · · · · · · · · · · · · · · · · ·		Mangañese Masses (F12) (LRR K, L,
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B)  dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.  Strictive Layer (if observed):  Type:  Depth (inches):  Hydric Soil Present? Yes X N			nont Floodplains who (F19) (MLRA 14
Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B)  dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.  Strictive Layer (if observed):  Type:	Redox (S5)		C Spould (TA6) (MLRA 144A, 145, 149 Parent Material (E34)
Depth (inches): Other (Explain in Remarks)			
dicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.  Strictive Layer (if observed):  Type:	Surface (S7) (LRR R, MLRA 149B)		
Strictive Layer (if observed):  Type:			•
Type: NA  Depth (inches): NIX  Hydric Soil Present? Yes X N	of hydrophytic vegetation and wetland	st be present, unless disturbed or problemat	ic.
Depth (inches): NIX Hydric Soil Present? Yes X N			
Hydric Soil Present? Yes N		·	
narks:	inches):_ NIX	Hydric Soi	il Present? Yes X No
			S.
			A Secretary
			:
			•
		1. St. op. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	<u>\$</u> .
			e e e e e e e e e e e e e e e e e e e
		•	
		<b>V</b>	
		•	

WETLAND DETERMINATION DATA FO	RM – Northcentral and Northeast Region
	County: Niagon County Sampling Date: 08/4/19
Applicant/Owner: National Grid	State: NY Sampling Date: DP- 603
	tion, Township, Range: Town of Lock poor
Landform (hillslone terrace etc.): hillsly a least a	elief (concave, convex, none): Convex Slope (%): 2%
Subregion (LRR or MLRA): / 00 /	Slope (%): 2%
Subregion (LRR or MLRA): LRC. Lat: 43.147 600	Long: - /8. //8/085 Datum; NAD 03
Soil Map Unit Name: Hand-Hillon & Cayuga soils, 0 to 3 percent styres,	bedrock Substatum NWI classification: //ct classification
Are climatic / hydrologic conditions on the site typical for this time of year?	Yes X No (If no, explain in Remarks.)
Are Vegetation $N$ , Soil $N$ , or Hydrology $N$ significantly disturbed Are Vegetation $N$ Soil $N$ or Hydrology $N$ paturally problem	urbed? Are "Normal Circumstances" present? Yes No
Are Vegetation	natic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing sa	mpling point locations, transects, important features, etc.
Hydrophytic Vegetation Present?  Yes No >	Is the Sampled Area within a Wetland? Yes No ¥
Wetland Hydrology Present? Yes No_7	
Remarks: (Explain alternative procedures here or in a separate report.)	If yes, optional Wetland Site ID:
Upland Data Point for Welland ooa	
The state of the s	
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)	
Water Marks (B1) Hydrogen Sulfide Oc	
Sediment Deposits (B2) Oxidized Rhizospher	res on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduce	d Iron (C4) Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4) ///Recent Iron Reduction	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 Rei	marks) Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:  Surface Water Present? Yes No V Denth (inches):	
zopur (monos).	
<u> </u>	
(includes capillary fringe)	Wetland Hydrology Present? Yes No _X
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre	vious inspections), if available:
Remarks:	
	$\mathbf{Y} = \{\mathbf{y} \in \mathcal{Y} \mid \mathbf{y} \in \mathcal{Y} \mid \mathbf{y} \in \mathcal{Y} \mid \mathbf{y} \in \mathcal{Y} \}$
•	

<b>VEGETATION</b> - Use	scientific names	of plants
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EGETATION COC COCHIMO HAMILE TO PART	Absolute Dominant Indicato	
<u>Tree Stratum</u> (Plot size:)	% Cover Species? Status	Number of Dominant Species That Are OBL, FACW, or FAC:  (A)
1		I nat Are OBL, FACVV, of FAC. (A)
2		Total Number of Dominant Species Across All Strata:  (B)
		Percent of Dominant Species
4		That Are OBL, FACW, or FAC: (A/B)
5		-
6		
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 =
2.		FACU species x 4 =
3.		UPL species x 5 =
		Column Totals: (A) (B)
4		Prevalence Index = B/A =
5		Hydrophytic Vegetation Indicators:
6		1 - Rapid Test for Hydrophytic Vegetation
7		2 - Dominance Test is >50%
	= Total Cover	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size:)		4 - Morphological Adaptations¹ (Provide supporting
1. Melilotus officinals	God y FAC	data in Remarks or on a separate sheet)
2. Dancus carota	50% Y UPL	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
2. Unicus carefu	40% \$ - ND	<del></del>
3. Centauren Storba		be present, unless disturbed or problematic.
4		Definitions of Vegetation Strata:
5		<del></del>
6		Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
7		<u> </u>
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		Woody vines - All woody vines greater than 3.28 ft in
12		height.
n (	Total Cover	
Woody Vine Stratum (Plot size: 3c')		
1		—
2.		Hydrophytic
3		Present? Yes No
4		
4		
Remarks: (Include photo numbers here or on a sepa		
		,
Spotled Drapwood diet x b	rane an indictor sto	dun no it was not
	- TO THE TOTAL WAY	•
included in total percent over		
I woulder in now grown was		

Profile Desc	ription: (Describe	to the depth	needed to docu	ment the i	ndicator	or confirm	n the absence of	indicators.)	.,
Depth	Matrix		Rede	ox Feature:	<u>3</u>			·	
(inches)	Color (moist)	%	Color (moist)	%	_Type <sup>1</sup>	Loc <sup>2</sup>	<u>Texture</u>	Remark	3
10-72-413									
0.6	1048413	100°E	,				2:(_		
							<u> </u>		
			<del></del>						
	_								
				<del></del>					
¹Tyrpe: C=Co	ncentration, D=Depl	otion DM-De	described and the second				2.		
Hydric Soil I	ndicators:	euon, Rivi=Re	duced Matrix, M	S=Masked	Sand Grai	ins.	Location: Pi	L=Pore Lining, M=M	atrix.
Histosol (			Dobardus Dale		'00) // DD	_		Problematic Hydric	
	ipedon (A2)	_	Polyvalue Belov MLRA 149B)		58) (LKK	к,		k (A10) (LRR K, L, N	
Black His			Thin Dark Surfa		RRR MII	PA 1/10R)	Coast Prai	irie Redox (A16) ( <b>LR</b> ky Peat or Peat (S3)	(RK, L, R)
	Sulfide (A4)	_	Loamy Mucky N	/lineral (F1	LRR K.	L)		ice (S7) ( <b>LRR K, L,</b> I	(LRRR, L, R)
	Layers (A5)	_	Loamy Gleyed I	Matrix (F2)	(=::::,	-,	Polyvalue	Below Surface (S8)	(IRRKI)
	Below Dark Surface	(A11)	Depleted Matrix				Thin Dark	Surface (S9) (LRR I	(LKK K, L) (. L)
	k Surface (A12)	_	Redox Dark Sur	rface (F6)				anese Masses (F12)	
	ucky Mineral (S1)		Depleted Dark 8		")			Floodplain Soils (F19	
	eyed Matrix (S4)	_	Redox Depress	ions (F8)				dic (TA6) (MLRA 14	4A, 145, 149B)
Sandy Re	edox (S5) Matrix (S6)							t Material (F21)	
	viatrix (S6) ace (S7) ( <b>LRR R, M</b> i	DA 440D)						ow Dark Surface (TF	12)
Dark Guil	ace (SI) (LKK K, IVI	LKA 149D)					Other (Exp	lain in Remarks)	
3Indicators of I	hydrophytic vegetation	on and wetlan	d hydrology mus	t he nrecer	at unless o	dieturbod (	or problematic		
Restrictive La	yer (if observed):	on and wording	a riyarology mas	t be preser	it, uniess t	Jisturbeu (	or problematic.		
Type:	Rock								
	nes): $\omega^{\gamma}$								🗠
Remarks:	100) <u>U</u>	<del></del>					Hydric Soil Pre	sent? Yes	No Y
Remarks.									
<i>(</i> )	M 1 /	i A							
Ψ	log Molriph So.	1 p.ls bul	h.l cock a	ach Lare	<b>-</b> .				
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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: Nationaly: County

Sampling Date: S/U | 9

Sampling Date: S/U | 9

Sampling Date: S/U | 9

Sampling Point: DP- 009

Lukpet Landform (hillslope, terrace, etc.): depresses Local relief (concave, convex, none): Concave Slope (%): 2°10 Subregion (LRR or MLRA): <u>LRR-L</u> Lat: <u>43 /47 853</u> Long: <u>-75. 7/7 968</u> Datum: NAD '83 Soil Map Unit Name: Hond - Hillon + Cayun soils, Com 3, secont shoes, Indesok substantion 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 significantly disturbed? Are "Normal Circumstances" present? Yes NAre 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.) DEM, Data point for Welland GOD **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) ★ Drainage Patterns (B10) \_\_\_ High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) \_\_\_ Dry-Season Water Table (C2) \_\_ Saturation (A3) Marl Deposits (B15) 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) \_\_ Presence of Reduced Iron (C4) Drift Deposits (B3) Stunted or Stressed Plants (D1) X Algai 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) X 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 \_y 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, previous inspections), if available: Remarks:

TEGET TOTAL COO COLONIA HARMON OF PIANTO		
Tree Stratum (Plot size:)	Absolute Dominant Indicator <u>% Cover Species? Status</u>	Dominance Test worksheet:
•		Number of Dominant Species
1		That Are OBL, FACW, or FAC:(A)
2		Total Number of Descions
		Total Number of Dominant Species Across All Strata: (B)
3		Species Across Air Otrata.
4		Percent of Dominant Species
5.		That Are OBL, FACW, or FAC: 100% (A/B)
	•	
6		Prevalence Index worksheet:
7		Total % Cover of: Multiply by:
	= Total Cover	OBL species x 1 =
	= 10(ai Covei	
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		Coldini Totals (F)
		Prevalence Index = B/A =
5		Trotalone mask Birt
6		Hydrophytic Vegetation Indicators:
		_
7		2 - Dominance Test is >50%
	= Total Cover	3 - Prevalence index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size:)		<del></del>
T 1	read V cal	4 - Morphological Adaptations (Provide supporting
1. Typha angestifile	100 %	data in Remarks or on a separate sheet)
2		Problematic Hydrophytic Vegetation¹ (Explain)
		<sup>1</sup> Indicators of hydric soil and wetland hydrology must
3		be present, unless disturbed or problematic.
4		bo process, amone dictarged or prosident
5		Definitions of Vegetation Strata:
		Tree Mediculante 2 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.
7		at breast height (BBH), regulatess 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		There All have account (non-used at valents, recordings of
10		Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
11		Size, and woody plants loss than 3.20 it tall.
		Woody vines - All woody vines greater than 3.28 ft in
12		height.
Woody Vine Stratum (Plot size:)		
1		
2.		Hydrophytic
		Vegetation
3		Present? Yes No
4.		
Remarks: (Include photo numbers here or on a separate	sheet.)	

Profile Desc	cription: (Describe	to the dept	h needed to docur	nent the i	ndicator	or confirm	the absence o	of indicato	ors.)	
Depth (inches)	Matrix Color (moist)	<del></del> -	Redo Color (moist)	x Features %	_Type <sup>1</sup> _	_Loc²	Texture		Remarks	
0-10	10 YR 3/2	\$76°6	104R5/6	30clo	C		CL.		Nemarks	·
		20°10								
<u>(0-90</u>	10/12/12	3010	104R514	25%	<u> </u>	71	<u> </u>			
		<i>•</i>	2.5年75亿	15%	<u> </u>	_//_	<u> </u>			
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										· ·
<u>``</u>									<del> '</del>	
						<del></del>	<del></del> .			
							<del></del>			<u> </u>
	<u>.</u>									
¹Type: C=Ce	oncentration, D=Dep	letion. RM=F	Reduced Matrix, MS	S=Masked	Sand Gra	ins	<sup>2</sup> l ocation:	PI =Pore	Lining, M=Ma	trix.
Hydric Soil			re-	, maonoa	<u> Cana Cre</u>				natic Hydric	
Histosol		_	Polyvalue Belov		(S8) ( <b>LRR</b>	R,			LRR K, L, M	
	oipedon (A2)		MLRA 149B)	, t	DD D 441	D4 440D\			ox (A16) ( <b>LRf</b>	
Black Hi	stic (A3) en Sulfide (A4)	-	Thin Dark Surfa Loamy Mucky N						or Peat (S3) ( (LRR K, L, N	LRR K, L, R)
_	Layers (A5)	_	Loamy Gleyed I			, <b>-</b> ,			Surface (S8) (	
	d Below Dark Surface		Depleted Matrix						(S9) (LRR K	
	ark Surface (A12) lucky Mineral (S1)	<u>.i</u>	Redox Dark Sui Depleted Dark S		7)					(LRR K, L, R) ) (MLRA 149B)
	Gleyed Matrix (S4)	_	Redox Depress		")					IA, 145, 149B)
Sandy R	tedox (S5)			, ķ			Red Par	ent Materi	al (F21)	
	Matrix (S6)	U DA 440D\			R.				Surface (TF	12)
Dark Su	rface (S7) (LRR R, N	ILKA 149B)	4.5				Other (E	xplain in F	kemarks)	
	f hydrophytic vegetat		and hydrology mus	t be prese	nt, unless	disturbed	or problematic.			
	ayer (if observed):									
Type:	NU	<del></del>							🗸	1
	ches): NA		183	-			Hydric Soil P	resent?	YesX	No
Remarks:				7.6						
			*							

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

Applicant/Owner: National Grid

Applicant/Owner: National Grid

Investigator(s): James Ireland

City/County: Nragown County

Sampling Date: 8/7/19

Sampling Date: 8/7/19

Sampling Point: DP- 006

Section, Township, Range: Town of Lockport Landform (hillslope, terrace, etc.): \_\_\_\_\_\_\_\_ Local relief (concave, convex, none): \_\_\_\_\_\_\_ Slope (%):\_\_\_\_\_\_ Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_X No \_\_\_\_ (If no, explain in Remarks.) Are Vegetation \_\_\_\_\_\_, Soil \_\_\_\_\_\_\_, or Hydrology \_\_\_\_\_\_\_ naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Is the Sampled Area within a Wetland? Hydric Soil Present? Wetland Hydrology Present? If yes, optional Wetland Site ID: UL-065 Remarks: (Explain alternative procedures here or in a separate report.) PEM, Delipoint for Wetland 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) Surface Water (A1) \_\_\_ Water-Stained Leaves (B9) Y Drainage Patterns (B10) \_\_\_ High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) \_\_\_ Saturation (A3) \_\_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) \_\_\_ Water Marks (B1) \_\_\_ Hydrogen Sulfide Odor (C1) \_\_ Crayfish Burrows (C8) \_ Sediment Deposits (B2) \_\_\_ Oxidized Rhizospheres on Living Roots (C3) \_\_\_ Saturation Visible on Aerial Imagery (C9) \_\_\_ Drift Deposits (B3) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) \_\_\_ Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) \_\_\_ 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? Water Table Present? Yes \_\_\_\_ No \_\_\_ Depth (inches): -Saturation Present? Wetland Hydrology Present? Yes \_\_\_\_\_ No \_\_\_\_ 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
VEGETATION		SCICITURE HARRIST	٠.	PIGITO

/EGETATION - Ose scientific flatties of pla	Absolute Dominant Indicator	
Tree Stratum (Plot size: 30')	% Cover Species? Status	Dominance Test worksheet:
1		Number of Dominant Species That Are OBL, FACW, or FAC:(A)
2.		District to the second second
<del></del>		Total Number of Dominant Species Across All Strata:  (B)
3		
4		Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)
5		That we obligate the same of t
6		Prevalence Index worksheet:
7		Total % Cover of: Multiply by:
	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: /5"/	)	FACW species x 2 =
Saping/Onido Ottatam (1 101 0120	_	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		Hydrophytic Vegetation Indicators:
6		1 - Rapid Test for Hydrophytic Vegetation
7	2	<u> </u> 2 - Dominance Test is >50%
-1	<b>Ø</b> = Total Cover	3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size: 5	90% Y FACW	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
1. Phrasmites australis		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
2. Centaura Stock	104 N FACY	
3. Solidaço canadensis	1046 N FACV	<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
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.
	= Total Cover	
Woody Vine Stratum (Plot size:	)	
1		
2		Hydrophytic Vegetation
3		Present? Yes No
•		
4	= Total Cover	•
The state of the s		
Remarks: (Include photo numbers here or on a sep		
0 41 1 1 1 1 1	1 1 1 1 1 1	16.1.
Spotted tenaqueed does not . circleded in the total cover.	have an unduster starte	n navejer mil
2 h / c. r.n		
concluded in the lover on.		

Sampling	Point:	DP-	008

S	o	II	L

Profile Description: (Describe to the de	pth needed to docu	ment the i	ndicator	or confirm	the absence of ir	ndicators.)
Depth Matrix (inches) Color (moist) %		x Features		_Loc <sup>2</sup> _	Taratrasa	Damada
0-7 10 VO 2/2 100 0	Color (moist)	%	_Type <sup>1</sup>	LOC	Texture	Remarks
2 2 1 1 1 1 1 6 6 6					sitty han _	
1-2010 10 YR S/2 60 M	,	30 2/20		$\overline{\sim}$	Clay lan	
	10 YR 5/8	19010		<u> </u>	Clay loan	
	•				r	
<sup>1</sup> Type: C=Concentration, D=Depletion, RN	1=Reduced Matrix, M	S=Masked	Sand Gra	ins.		=Pore Lining, M=Matrix.
Hydric Soil Indicators:						Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)	Polyvalue Belo		S8) (LRR	R,		(A10) (LRR K, L, MLRA 149B)
Histic Epipedon (A2) Black Histic (A3)	MLRA 149B Thin Dark Surfa		RR R. MI	RA 149R)		rie Redox (A16) (LRR K, L, R) y Peat or Peat (S3) (LRR K, L, R)
Hydrogen Sulfide (A4)	Loamy Mucky					ce (S7) (LRR K, L, M)
Stratified Layers (A5)	Loamy Gleyed			·		Below Surface (S8) (LRR K, L)
Depleted Below Dark Surface (A11)	Depleted Matrix					Surface (S9) (LRR K, L)
Thick Dark Surface (A12) Sandy Mucky Mineral (S1)	Nedox Dark Su Depleted Dark Su		7\			nese Masses (F12) (LRR K, L, R) loodplain Soils (F19) (MLRA 149B)
Sandy Gleyed Matrix (S4)	Redox Depress		,			dic (TA6) (MLRA 144A, 145, 149B)
Sandy Redox (S5)		( -,				Material (F21)
Stripped Matrix (S6)						ow Dark Surface (TF12)
Dark Surface (S7) (LRR R, MLRA 149	<b>(B</b> )				Other (Expl	lain in Remarks)
<sup>3</sup> Indicators of hydrophytic vegetation and w	etland hydrology mus	t be presei	nt, unless	disturbed	or problematic.	
Restrictive Layer (if observed):						
Type: <i>N(A</i>						<u> </u>
Depth (inches):	-				Hydric Soil Pres	sent? Yes X No No
Remarks:						

WEIEAND DETERMINATION DATA	A FURIN - Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII	City/County: Negara County Sampling Date: 8/7/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP- D7
Investigator(s): James Ireland	Section, Township, Range: Town of Lock pol-
Landform (hillslope, terrace, etc.):	Cool tolles (comment of the co
Subregion (LRR or MLRA): / 00 / Law 47 lb 20	ocal relief (concave, convex, none):
Subregion (LRR or MLRA): LRR-L Lat: 73.14759 Soil Map Unit Name: C - C + and Fill land	
	NWI classification: Not classificed
Are climatic / hydrologic conditions on the site typical for this time of y	/ear? Yes No (If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology significantl	ly disturbed? Are "Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology naturally p	roblematic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showin	g sampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No λ	Is the Sampled Area
Hydric Soil Present? Yes No X	within a Wetland? Yes No X
Wetland Hydrology Present? Yes No 入	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate repo	ort.)
upland point for welland 03	
THOUSE LOUIS (SE MOLIMUM DE	
·	
HYDROLOGY	
Wetland Hydrology Indicators:	
Primary Indicators (minimum of one is required; check all that apply)	Secondary Indicators (minimum of two required)
Overfa = 24/24 = 7/4/45	
Surface Water (A1) Water-Stained High Water Table (A2) Aquatic Fauna	
Saturation (A3) Marl Deposits	
Water Marks (B1) Hydrogen Sulfi	
Sediment Deposits (B2) Oxidized Rhizo	ospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Re	educed Iron (C4) Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4) ALA Recent Iron Re	eduction in Tilled Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surf	face (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)  Water Table Present? Yes No _X Depth (inches)	· I
The Deput (mones)	\~
(includes capillary fringe)	
Describe Recorded Data (stream gauge, monitoring well, aerial photo	s, previous inspections), if available:
Remarks:	

١.	/EGETA	TION -	Use	scientific	names	of	plants
V	/ EU E 1 #		USC	SCICITUIL	Harrics	0.	piuiico

	Absolute Dominant Indicator	
Tree Stratum (Plot size: 3C')	% 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:
		Percent of Dominant Species
4		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 =
		FAC species x 3 =
1		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:
		1 - Rapid Test for Hydrophytic Vegetation
7	= Total Cover	2 - Dominance Test is >50%
	= Total Cover	3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size: 51 )	1001 - NT	4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
1. (19 tas/19 >tel 60		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3.		Indicators of hydric soil and wetland hydrology must
4		be present, unless disturbed of 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	- Total Cover	height.
2-1	= Total Cover	
Woody Vine Stratum (Plot size:)		
1		Undrophytic
2.		Hydrophytic
3		Present? Yes No
4		
4	= Total Cover	
Remarks: (Include photo numbers here or on a separa	ate sheet.)	
Centarien sheba has no mod	lunter status no it is	on not include in total
nex /	ment cover and sport	ra regraded way the
y ouem own, of we as not you	1 A La Mil	Horanged in swemally found
only year, partitionalic veg.	ran used. While you	
in upland allar so vey .	soon did not pun.	
V ,		

			——————————————————————————————————————							oling Point. 2. 1
Profile Desci	ription: (Describe t	o the depth	needed to docun	nent the i	ndicator	or confirm	the absence	of indicat	ors.)	
Depth	Matrix			x Features	<u> </u>	•				
(inches)	Color (moist)		Color (moist)	%	_Type <sup>1</sup>	_Loc <sup>2</sup>	<u>Texture</u>		Ren	narks
0-8in	1078 4/3	1000/6					Silty long			
							71 119 1341)		1 /	0 . 1
8+in								roce	<u>at 8</u>	9 + in
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	<del></del>									
<del></del>										
1Times C-Co	noontrotion D-Dani		adves d Matrix MC	- 1.1 - 41-4			21	DI D	I feel and	M M -1-3-
Hydric Soil Ir	ncentration, D=Depl	etion, Rivi=R	educed Matrix, MS	=waskea	Sand Gra	ains.	<sup>2</sup> Location:			
_										lydric Soils³:
Histosol (	•		Polyvalue Below		(S8) ( <b>LRF</b>	₹ R,	2 cm M	uck (A10)	(LRR K	, L, MLRA 149B)
Histic Epi	pedon (A2)		MLRA 149B)					Prairie Rec	lox (A16	) (LRR K, L, R)
Black His	tic (A3)	_	_ Thin Dark Surface	ce (S9) (L	RR R, ML	RA 149B)	5 cm M	ucky Peat	or Peat	(S3) (LRR K, L, R)
Hydroger	Sulfide (A4)		_ Loamy Mucky M	lineral (F1	) (LRR K,	, L)	Dark Si	urface (S7	) (LRR H	K, L, M)
Stratified	Layers (A5)		_ Loamy Gleyed N	/latrix (F2)						(S8) (LRR K, L)
	Below Dark Surface	(A11)	_ Depleted Matrix					ark Surface		
	k Surface (A12)		_ Redox Dark Sur							(F12) (LRR K, L, R)
	ucky Mineral (S1)	_	_ Depleted Dark S		<b>7</b> \					(F19) (MLRA 149B)
	eyed Matrix (S4)	-	_ Redox Depressi		')					
Sandy Re		-	_ Redux Depressi	uns (Fo)						(A 144A, 145, 149B)
								rent Mate		
	Matrix (S6)							nallow Dar		
Dark Sun	ace (S7) (LRR R, M	LRA 149B)					Other (I	Explain in	Remark	s)
2										
	hydrophytic vegetati	on and wetla	nd hydrology must	be prese	nt, uniess	disturbed	or problematic.			
Restrictive La	ayer (if observed):									
Type:	SAA Rack									
Depth (incl							Undela Call	7	Van	No. V
	les)						Hydric Soil I	resent?	Yes _	No <u>/</u>
Remarks:								···-		
								,		
M	kijle juh v		11 . 1		11	10.1	and aller			
16	trick with in	er. Su	but Moch	ww	MI	w mm	over waa	m		
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8	<b>Y</b>									
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WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII

Applicant/Owner: National Grid

Applicant/Owner: National Grid

Investigator(s): James Ireland

City/County: National County

State: NY

Sampling Date: 8/7/19

Sampling Date: 8/7/19 Subregion (LRR or MLRA): \_\_\_\_\_\_ Lat: \_\_\_\_\_\_ Lat: \_\_\_\_\_\_ Lat: \_\_\_\_\_\_ Long: \_\_\_\_\_\_\_\_ Long: \_\_\_\_\_\_\_\_\_\_ Datum: \_\_\_\_\_\_ NAD '83 Soil Map Unit Name: Cb - Canadaigua s: It lorn NWI classification: Net classification Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes N0 No Are Vegetation N, Soil N0, or Hydrology N0 naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Is the Sampled Area within a Wetland? Hydric Soil Present? Wetland Hydrology Present? If yes, optional Wetland Site ID: \_\_WL-004 Remarks: (Explain alternative procedures here or in a separate report.) Dala Pant for Weekend oon, 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) Surface Water (A1) \_\_\_ Water-Stained Leaves (B9) Drainage Patterns (B10) High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) \_\_\_ Saturation (A3) \_\_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) \_\_\_ Water Marks (B1) \_\_\_ Hydrogen Sulfide Odor (C1) \_\_\_ Crayfish Burrows (C8) \_\_\_ Sediment Deposits (B2) \_\_\_ Oxidized Rhizospheres on Living Roots (C3) \_\_\_ Saturation Visible on Aerial Imagery (C9) \_\_\_ Drift Deposits (B3) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) \_\_\_ Algal Mat or Crust (B4) 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 F Depth (inches); ... Water Table Present? Yes \_\_\_\_\_ No \_\_X Depth (inches): \_ Saturation Present? Yes \_\_\_\_ No \_ Y Depth (inches): \_ Wetland Hydrology Present? Yes \_\_ No \_\_ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

2/1	Absolute			Dominance Test worksheet:
Tree Stratum (Plot size:)	<u>% Cover</u>	Species?	<u>Status</u>	Number of Dominant Species
1				That Are OBL, FACW, or FAC: (A)
2.				T 4 444 ord a conf Dannisa and
				Total Number of Dominant Species Across All Strata:  (B)
3				
4			<del></del>	Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
5				That Are OBL, FACW, or FAC: (A/B)
6				
				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
	<u> </u>	= Total Co	ver	OBL species x 1 =
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				Column rotals (A) (S)
				Prevalence Index = B/A =
5				
6				Hydrophytic Vegetation Indicators:
7				★ 1 - Rapid Test for Hydrophytic Vegetation
	đ	= Total Co	vor	2 - Dominance Test is >50%
.*		= Total Co	vei	3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size:)				4 - Morphological Adaptations (Provide supporting
1. Lythrum salicacia	60%	<u> </u>	OBL	data in Remarks or on a separate sheet)
2. Phalaus anndracen	und	ý	FACU	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3			<del></del>	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
4				be present, unless disturbed of problematic.
5				Definitions of Vegetation Strata:
				Tree – Woody plants 3 in. (7.6 cm) or more in diameter
6				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				All and the state of the man 2 28 A in
12.				Woody vines - All woody vines greater than 3.28 ft in height.
12.	inel	T. 1.10		neight.
- 1	100%	_ = Total Co	ver	
Woody Vine Stratum (Plot size: 3e')				
1				
				Hydrophytic
2				Vegetation Veg
3				Present? Yes No
4.				
	d.	= Total Co	ver	
	<u></u>	10181 00		
4Remarks: (Include photo numbers here or on a separate	sheet.)	_ = Total Co	over	

Depth   Maditx   Redox Features   National	Profile Description: (Describe to the depth needed to document the indicator or confirm	the absence of indicators.)
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.  Hydric Soil Indicators:  Histosol (A1)  Histic Epipedon (A2)  Black Histic (A3)  Hydrogen Suffice (A4)  Hydrogen Suffice (A4)  Loamy Mucky Mineral (F1) (LRR K, L)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Redox (A12)  Redox Dark Surface (A13)  Redox Dark Surface (A12)  Sandy Mucky Mineral (S1)  Sandy Mucky Mineral (S1)  Sandy Redox (S5)  Surface (A12)  Sandy Redox (S5)  Surface (A12)  Redox Dark Surface (A12)  Sandy Redox (S5)  Surface (A12)  Sandy Redox (S5)  Surface (A12)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Surface (A12)  Redox Depressions (F8)  Sandy Silveyed Matrix (S6)  Surface (A12)  Surface (A12)  Surface (A12)  Redox Depressions (F8)  Surface (A12)  Surfac		
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.  Hydric Soil Indicators:  Histosol (A1)  Histic Epipedon (A2)  Histic Epipedon (A2)  Hydrogen Sulfide (A4)  Hydrogen Sulfide (A4)  Hydrogen Sulfide (A4)  Stratified Layers (A5)  Depleted Below Dark Surface (S9) (LRR R, MLRA 149B)  Depleted Below Dark Surface (S9) (LRR R, L)  Depleted Dark Surface (S9) (LRR R, L)  Thin Dark Surface (S9) (LRR R, L)  Depleted Below Dark Surface (A11)  Depleted Dark Surface (F3)  Sandy Mucky Mineral (F1)  Sandy Mucky Mineral (S1)  Sandy Redox (S5)  Sandy Matrix (S4)  Sandy Redox (S5)  Sandy Matrix (S4)  Sandy Redox (S5)  Sandy Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Siripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Siripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Siripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Siripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Siripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Siripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Siripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Siripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Hydric Soil Present? Yes \( \mathbb{L} \) No_  Hydric Soil Present? Yes \( \mathbb{L} \) No_		
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.  Hydric Soil Indicators:  Histosol (A1)  Histic Epipedon (A2)  Histic Epipedon (A2)  Hydrogen Sulfide (A4)  Hydrogen Sulfide (A4)  Hydrogen Sulfide (A4)  Stratified Layers (A5)  Depleted Below Dark Surface (S9) (LRR R, MLRA 149B)  Depleted Below Dark Surface (S9) (LRR R, L)  Depleted Dark Surface (S9) (LRR R, L)  Thin Dark Surface (S9) (LRR R, L)  Depleted Below Dark Surface (A11)  Depleted Dark Surface (F3)  Sandy Mucky Mineral (F1)  Sandy Mucky Mineral (S1)  Sandy Redox (S5)  Sandy Matrix (S4)  Sandy Redox (S5)  Sandy Matrix (S4)  Sandy Redox (S5)  Sandy Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Siripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Siripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Siripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Siripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Siripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Siripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Siripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Siripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Hydric Soil Present? Yes \( \mathbb{L} \) No_  Hydric Soil Present? Yes \( \mathbb{L} \) No_	0-7 in 104R3/1900/2 7,5/R5/R 100/0 I M	SiH clay lam
Hydric Soil Indicators:  Histosol (A1) Polyvalue Below Surface (S8) (LRR R, Histic Epipedon (A2) MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (LRR K, L) Depleted Below Surface (S9) (LRR R, MLRA 149B) Thin Dark Surface (S9) (LRR R, MLRA 149B) Stratified Layers (A5) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S4) Sandy Redox (S5) Dark Surface (S7) (LRR R, MLRA 149B)  Sitripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B)  Thin Dark Surface (S7) Depleted Dark Surface (F7) Redox Depressions (F8) Redox Depressions (F8)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sitripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B)  Thin Dark Surface (F7) Depleted Dark Surface (F7) Depleted Dark Surface (F7) Coast Prairie Redox (A16) (LRR K, L, R) Depleted Matrix (S4) Depleted Dark Surface (F9) Dark Surface (S7) (LRR R, MLRA 149B)  Thin Dark Surface (S7) (MLRA 144A, 145, 149B) Depleted Dark Surface (F7) Depleted Dark Surface (F7) Dark Surface (S7) (LRR R, MLRA 149B)  Thin Dark Surface (S7) (MLRA 144A, 145, 149B) Depleted Dark Surface (F7) D	7-10in 10 /R 9/18000 2.5 / 5/4 264- C M	Clay -
Hydric Soil Indicators:  Histosol (A1) Polyvalue Below Surface (S8) (LRR R, Histic Epipedon (A2) MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (LRR K, L) Depleted Below Surface (S9) (LRR R, MLRA 149B) Thin Dark Surface (S9) (LRR R, MLRA 149B) Stratified Layers (A5) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S4) Sandy Redox (S5) Dark Surface (S7) (LRR R, MLRA 149B)  Sitripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B)  Thin Dark Surface (S7) Depleted Dark Surface (F7) Redox Depressions (F8) Redox Depressions (F8)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sitripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B)  Thin Dark Surface (F7) Depleted Dark Surface (F7) Depleted Dark Surface (F7) Coast Prairie Redox (A16) (LRR K, L, R) Depleted Matrix (S4) Depleted Dark Surface (F9) Dark Surface (S7) (LRR R, MLRA 149B)  Thin Dark Surface (S7) (MLRA 144A, 145, 149B) Depleted Dark Surface (F7) Depleted Dark Surface (F7) Dark Surface (S7) (LRR R, MLRA 149B)  Thin Dark Surface (S7) (MLRA 144A, 145, 149B) Depleted Dark Surface (F7) D		
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Hydric Soil Indicators:  Histosol (A1) Polyvalue Below Surface (S8) (LRR R, Histic Epipedon (A2) MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (LRR K, L) Depleted Below Surface (S9) (LRR R, MLRA 149B) Thin Dark Surface (S9) (LRR R, MLRA 149B) Stratified Layers (A5) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S4) Sandy Redox (S5) Dark Surface (S7) (LRR R, MLRA 149B)  Sitripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B)  Thin Dark Surface (S7) Depleted Dark Surface (F7) Redox Depressions (F8) Redox Depressions (F8)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sitripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B)  Thin Dark Surface (F7) Depleted Dark Surface (F7) Depleted Dark Surface (F7) Coast Prairie Redox (A16) (LRR K, L, R) Depleted Matrix (S4) Depleted Dark Surface (F9) Dark Surface (S7) (LRR R, MLRA 149B)  Thin Dark Surface (S7) (MLRA 144A, 145, 149B) Depleted Dark Surface (F7) Depleted Dark Surface (F7) Dark Surface (S7) (LRR R, MLRA 149B)  Thin Dark Surface (S7) (MLRA 144A, 145, 149B) Depleted Dark Surface (F7) D	1	
Histosol (A1)	Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.  Hydric Soil Indicators:	
Histic Epipedon (A2)  Black Histic (A3)  Hydrogen Sulfide (A4)  Loamy Mucky Mineral (F1) (LRR K, L)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Mucky Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S9) (LRR K, L)  Iron-Manganese Masses (F12) (LRR K, L, R)  Piedmont Floodplain Soils (F19) (MLRA 149B)  Redox Depressions (F8)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B)  Red Parent Material (F21)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.  Restrictive Layer (if observed):  Type:  No  Hydric Soil Present? Yes X No  Hydric Soil Present? Yes X No		•
Black Histic (A3)		
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) Pledmont 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) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) Other (Explain in Remarks) Other (Explain in Remarks) Sandy Redox (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) Other (Explain in Remarks) Hydric Soil Present? Yes No Hydric Soil Present? Yes No		5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Redox Dark Surface (F6)  Iron-Manganese Masses (F12) (LRR K, L, R)  Piedmont Floodplain Soils (F19) (MLRA 149B)  Sandy Mucky Mineral (S1)  Sandy Gleyed Matrix (S4)  Redox Depressions (F8)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Jandicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.  Restrictive Layer (if observed):  Type:  Type:  Depth (inches):  Mydric Soil Present? Yes X No	_ ; ; ; , , , , , , , , , , , , , , , ,	
Thick Dark Surface (A12)		
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 149B)  John Carlot of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.  Restrictive Layer (if observed):  Type: ///- Depth (inches): ///-  Mydric Soil Present? Yes X No	• • • • • • • • • • • • • • • • • • • •	
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 149B) Other (Explain in Remarks)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.  Restrictive Layer (if observed):	• • • • • • • • • • • • • • • • • • • •	
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)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.  Restrictive Layer (if observed):	<del></del>	
Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.  Restrictive Layer (if observed):  Type: NIA-  Depth (inches):		
Dark Surface (S7) (LRR R, MLRA 149B)  Other (Explain in Remarks)  *Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.  Restrictive Layer (if observed):  Type:	Stripped Matrix (S6)	
Restrictive Layer (if observed):  Type:	Dark Surface (S7) (LRR R, MLRA 149B)	
Type:	<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed of	or problematic.
Depth (inches): No		
Tyuno don resont 168 7- No		<u>.</u>
Remarks:	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 Investigator(s): James Ireland City/County Nagara County Sampling Date: 8/7/19 Sampling Delte: 8/7/19 Sampling Point: DP- CXQ Landform (hillslope, terrace, etc.): 11:11s Local relief (concave, convex, none): convex Slope (%): 2% Soil Map Unit Name: 1- Canandaigue Silt learn NWI classification: Not classification 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. Hydrophytic Vegetation Present? Is the Sampled Area Yes \_\_\_\_\_ No 🔨 within a Wetland? Yes \_\_\_\_\_ No > Hydric Soil Present? Yes \_\_\_\_\_ No/ Wetland Hydrology Present? If yes, optional Wetland Site ID:\_\_ Remarks: (Explain alternative procedures here or in a separate report.) Upland for Velland out & Welland out **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) \_\_\_ Drainage Patterns (B10) \_\_\_ Water-Stained Leaves (B9) High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) Saturation (A3) \_\_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) \_\_\_ Water Marks (B1) \_\_\_ Hydrogen Sulfide Odor (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) N//Recent Iron Reduction in Tilled Soils (C6) Geomorphic Position (D2) Iron Deposits (B5) \_\_\_ Thin Muck Surface (C7) Shallow Aquitard (D3) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) \_\_ Microtopographic Relief (D4) Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5) **Field Observations:** Surface Water Present? 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, previous inspections), if available: Remarks:

		Dominant Ir		Dominance Test worksheet:
Tree Stratum (Plot size: 3c <sup>(</sup> )	% Cover	Species?	<u>Status</u>	Number of Dominant Species
1	_		İ	That Are OBL, FACW, or FAC: (A)
2				Total Number of Dominant Species Across All Strata: (B)
3			<del></del>	Species Across All Strata: (B)
4				Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
5				mar Ale OBL, I AOVV, OI I AO.
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
	Q	= Total Cove	r	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: /5')				FACW species x 2 =
1				FAC species x 3 = FACU species x 4 =
2				UPL species x 5 =
3				Column Totals: (A) (B)
4				<del></del>
5				Prevalence Index = B/A =
6.				Hydrophytic Vegetation Indicators:
7.				1 - Rapid Test for Hydrophytic Vegetation
	- •	= Total Cove	г	2 - Dominance Test is >50%
Herb Stratum (Plot size:	<del>7</del>	. , , , , , , , , , , , , , , , , , , ,		3 - Prevalence Index is ≤3.0 <sup>1</sup>
1. Centauren Stocka	90%		NI	4 - Morphological Adaptations     data in Remarks or on a separate sheet)
2. Solidaça canadensis	15%	<u> </u>	EPFAC)	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3				<sup>1</sup> Indicators of hydric soil and wetland hydrology must
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
7.				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.
10				Herb - All herbaceous (non-woody) plants, regardless of
11.				size, and woody plants less than 3.28 ft tall.
				Woody vines - All woody vines greater than 3.28 ft in
12	150%	= Total Cove		height.
200	(,)	Total Cove	;i	
Woody Vine Stratum (Plot size: 36')				
1				Hydrophytic
2				Vegetation
3	-			Present? Yes No
4				
		_ = Total Cove		
Remarks: (Include photo numbers here or on a separate	e sheet.)			I was not used
X H/W deer not lim	dan und	water N	nter a	with both the
grother rengineur				
Remarks: (Include photo numbers here or on a separate Spotled Knappend dees not long in later percent cover.				

\*\*\*\*

Profile Desc	ription: (Describe	to the dept	needed to docu	ment the i	ndicator	or confirm	the absence of in	dicators.)
Depth	Matrix			x Features	<u> </u>	. 3		
(inches)	Color (moist)		Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks
0-4	10 YR312	10090					s:lc _	
<del></del>					<del></del>			
	<del> </del>							
						Α		
		<del></del>						
				<del></del> .	<del></del> ,	. ———		
ļ							<del></del>	
<u> </u>					ý			
						4.		
Trunci CarCo	noontrotion D-Doub		Deduced Bartis, Bar		0		21	
Hydric Soil I	ncentration, D=Depl	etion, Rivi=r	Reduced Matrix, M	S=Iviasked	Sand Gra	ins.		Problematic Hydric Soils <sup>3</sup> :
Histosol			Polyvalue Belov	w Surface	(S8) (I RR	P		(A10) (LRR K, L, MLRA 149B)
	ipedon (A2)	_	MLRA 149B)		(00) (EI	,		e Redox (A16) (LRR K, L, R)
Black His			Thin Dark Surfa		RR R, ML	.RA 149B)		Peat or Peat (S3) (LRR K, L, R)
	n Sulfide (A4)	_	Loamy Mucky N			L)		e (S7) (LRR K, L, M)
	Layers (A5)		Loamy Gleyed				· · · · · · · · · · · · · · · · · · ·	elow Surface (S8) (LRR K, L)
<b>S</b>	Below Dark Surface rk Surface (A12)	(A11) _	_ Depleted Matrix _ Redox Dark Su					urface (S9) (LRR K, L) nese Masses (F12) (LRR K, L, R)
	ucky Mineral (S1)		Depleted Dark 3		7)			oodplain Soils (F19) (MLRA 149B)
	leyed Matrix (S4)	_	_ Redox Depress		' /			ic (TA6) (MLRA 144A, 145, 149B)
Sandy R	edox (S5)		_ ,			•		Material (F21)
	Matrix (S6)		•					w Dark Surface (TF12)
Dark Sur	face (S7) (LRR R, M	ILRA 149B)					Other (Expla	ain in Remarks)
<sup>3</sup> Indicators of	hydrophytic vegetati	ion and wetl	and hydrology mus	t ha nrasa	nt unless	disturbed a	or problematic	
Restrictive L	ayer (if observed):	on and wet	and Hydrology mus	t be prese	in, uness	distance	or problematic.	
Type:	Grewel / Rech							
Depth (inc							Hydric Soil Pres	ent? Yes No
Remarks:							11,4110 00111 100	611. 166 NO
٨								
l L	y Mulip 4	50.1	to and	4100		/ د	$u^{\mu}$	
	Simple	P	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	WI THE	ggay n	rock a	Ar ~ 7	
			<i>;</i>	12.				
								•
								$f_{i}^{*}$ .
							•	$K_{ij}$

## WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII Applicant/Owner: National Grid City/County Ntager County Sampling Date: 8/7/19 State: NY Sampling Point: DP- 610 Section, Township, Range: Town of Lackgool Investigator(s): James Ireland Landform (hillslope, terrace, etc.): Dynassicn Local relief (concave, convex, none): Concarc Slope (%): 11/6 Soil Map Unit Name: Pst. Phelps gravely lan , O + 5 present stopes NWI classification: PFO/E Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) Are Vegetation \_\_\_\_\_\_\_, Soil \_\_\_\_\_\_\_, or Hydrology \_\_\_\_\_\_ significantly disturbed? Are "Normal Circumstances" present? Yes \_\_\_\_\_ No\_\_\_\_ Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_\_, or Hydrology \_\_\_\_\_ naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling 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: WL-ccs Wetland Hydrology Present? Yes \_\_\_\_\_\_ No Remarks: (Explain alternative procedures here or in a separate report.) PEM. Dalagant for We-cus, DEC without 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) ★ Surface Water (A1) \_\_\_ Water-Stained Leaves (B9) Drainage Patterns (B10) ★ High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) ▲ Saturation (A3) \_\_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) \_\_\_ Water Marks (B1) \_\_\_ Hydrogen Sulfide Odor (C1) Crayfish Burrows (C8) Sediment Deposits (B2) \_\_\_ Oxidized Rhizospheres on Living Roots (C3) \_\_\_ Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) ✓ Geomorphic Position (D2) Iron Deposits (B5) \_\_\_ Thin Muck Surface (C7) \_\_\_ Shallow Aquitard (D3) \_\_\_ Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Y Microtopographic Relief (D4) Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5) Field Observations: Yes Y No Depth (inches): 3" Surface Water Present? Yes \_\_\_\_\_ No \_\_\_\_\_ Depth (inches): 0" Water Table Present? Saturation Present? Yes Y No Depth (inches): 0" Wetland Hydrology Present? Yes X (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

9-1			Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30')	% 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				Descent of Deminent Charles
4·,			<del></del> -	Percent of Dominant Species That Are OBL, FACW, or FAC:
5				THAT ALE OBE, TAOVI, OF TAO:
6				Burnels and Indian are already
				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
	ď	= Total Co	ver	OBL species x 1 =
a ii ka				FACW species x 2 =
Sapling/Shrub Stratum (Plot size:				
1				FAC species x 3 =
				FACU species x 4 =
2	<del></del>			UPL species x 5 =
3				Column Totals: (A) (B)
	•			Column Totals. (A)
4			<del></del>	Prevalence Index = B/A =
5				Frevalence index - b/A -
6				Hydrophytic Vegetation Indicators:
6				
7		,		
	ď	= Total Co	ver	2 - Dominance Test is >50%
		, 1010100	•0.	3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size: 5 )				4 - Morphological Adaptations¹ (Provide supporting
1. Phragmaks acstrals	8cel	ΥΥ	EACW	data in Remarks or on a separate sheet)
2. Lythown Salicaria	30.6	У	CBL	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
of ,		1/		
3. Phalaris acondinacea	1000	<i>N</i>	FACW	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4.				be present, unless disturbed or problematic.
				Definitions of Vegetation Strata:
5				Definitions of Vegetation Stratal
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 an attended an analysis of the control to
8				and greater than or equal to 3.28 ft (1 m) tall.
9				
				Herb - All herbaceous (non-woody) plants, regardless of
9 10				
9				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
9 10				Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
9				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
9				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
9				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
9				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
9				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
9				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
9				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
9				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
9				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
9			ver	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
9	120%	= Total Co	ver	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
9	120%	= Total Co	ver	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
9	120%	= Total Co	ver	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
9	120%	= Total Co	ver	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
9	120%	= Total Co	ver	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
9	120%	= Total Co	ver	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
9	120%	= Total Co	ver	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
9	120%	= Total Co	ver	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
9	120%	= Total Co	ver	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
9	120%	= Total Co	ver	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

	cription: (Describe	to the dept				or confirm	the absence	of indicators.)
Depth (inches)	Matrix Color (moist)	%	Color (moist)	x Features	Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks
0-8	16 YR3/1	<u>20</u>	7.5 yr 5/6	20	_c		S:CL	
8.20	10 yryli	70°6	2.5Y5/4	30°10	<u>c</u>	<u>M</u>	<u> </u>	
Type: C=C Hydric Soil Histosol Histic E Black H Hydroge Stratifie Deplete Thick De Sandy N Sandy F Stripped Dark Su	oncentration, D=Dep	letion, RM=	Reduced Matrix, MS  Polyvalue Below MLRA 149B) Thin Dark Surfa Loamy Mucky M Loamy Gleyed M K Depleted Matrix Redox Dark Sur Depleted Dark S Redox Depressi	S=Masked  V Surface ( CCE (S9) (LI Ilineral (F1) Matrix (F2) (F3) Face (F6) Surface (F7 ons (F8)	Sand Gra	R, RA 149B) L)	²Location: Indicators  2 cm M Coast F 5 cm M Dark S Polyval Thin Da Iron-Ma Piedmo Mesic S Red Pa Very SI Other (	PL=Pore Lining, M=Matrix.  for Problematic Hydric Soils <sup>3</sup> :  luck (A10) (LRR K, L, MLRA 149B)  Prairie Redox (A16) (LRR K, L, R)  lucky Peat or Peat (S3) (LRR K, L, R)  urface (S7) (LRR K, L, M)  ue Below Surface (S8) (LRR K, L)  ark Surface (S9) (LRR K, L)  anganese Masses (F12) (LRR K, L, R)  ont Floodplain Soils (F19) (MLRA 149B)  Spodic (TA6) (MLRA 144A, 145, 149B)  trent Material (F21)  nallow Dark Surface (TF12)  Explain in Remarks)
	Layer (if observed):				,			
Type:	NA							
Depth (in	ches)://						Hydric Soil	Present? Yes X No
Remarks:								

WEILAND DETERMINATION DATA FO	RM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII City  Applicant/Owner: National Grid	County: Neason County Sampling Date: 8/7/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP- 011
	tion, Township, Range: Town of Lakoek
Landform (hillslope, terrace, etc.): Dealessing Local re	A
Subregion (LRR or MLRA): <u> </u>	
Soil Map Unit Name: OdB- Odessa 5:/1, clay Loan, 34 5	
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	matic? (If needed, explain any answers in Remarks.)
	mpling point locations, transects, important features, etc.
Hydrophytic Vegetation Present?  Yes   No	Is the Sampled Area within a Wetland? Yes X No
Hydric Soil Present?  Yes Y No Wetland Hydrology Present?  Yes Y No	1 /2 - 4 4 4
Remarks: (Explain alternative procedures here or in a separate report.)	If yes, optional Wetland Site ID: WL -000
Wethend point for Vesland acts, PEI	7
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	i i
Algal Mat or Crust (B4)  Iron Deposits (B5)  Alia: Recent Iron Reducti  Thin Muck Surface (	
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 Yes No Depth (inches): J	
Water Table Present? Yes ★ No Depth (inches): 3'	
Saturation Present? Yes _ k No Depth (inches): 0 ' (includes capillary fringe)	Wetland Hydrology Present? Yes X No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pr	evious inspections), if available:
Remarks:	

VEGETATION - 630 Solentino names of plants			Outriplining Countri
Tree Stratum (Plot size: 3c')		Dominant Indicator Species? Status	Dominance Test worksheet:
1			Number of Dominant Species That Are OBL, FACW, or FAC: (A)
2			
			Total Number of Dominant Species Across All Strata:  (B)
3			
4			Percent of Dominant Species That Are OBL, FACW, or FAC:   COGO (A/B)
5	<del></del>		- That Ale OBE, I AOVY, OF I AO.
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 =
2			FACU species x 4 =
			UPL species x 5 =
3			Column Totals: (A) (B)
4			- Prevalence Index = B/A =
5			-
6	-	·	
7			1 - Rapid Test for Hydrophytic Vegetation
		= Total Cover	2 - Dominance Test is >50%
Herb Stratum (Plot size:)			3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide supporting
1. Lytham Salicaria			data in Remarks or on a separate sheet)
2. Expatorium perfoliatum	404	1 FACW	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Verbenn has take		N FACE	Indicators of hydric soil and wetland hydrology must
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
7			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.
10			Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
11			size, and woody plants less than 5.26 it fair.
			Woody vines - All woody vines greater than 3.28 ft in
12	110	T. I. I. O	_ height.
- ·	110	= Total Cover	
Woody Vine Stratum (Plot size: 3c!)			
1			_
2			Hydrophytic  - Vegetation ✓
3			Present? Yes No
4.			_
	$\overline{d}$	= Total Cover	
Remarks: (Include photo numbers here or on a separate	sheet.)	. 10101 50101	
Tromano. (molado prioto namboro noto di al dioparate			

Profile Desc	ription: (Describe	to the dept	th needed to docum	nent the in	idicator o	r confirm	n the absence	of indicat	ors.)	
Depth	Matrix		Redo	x Features					·	
_(inches)	Color (moist)	%	Color (moist)		Type <sup>1</sup>	Loc <sup>2</sup>	Texture		Remarks	
0-10 in	104RZ/1	100%					Si Hy loam	Clay		
10-20in	10 VR 2/1	8080	7.5 /R 5/6	10/10			5ilty Cla	<del>"</del>		
10-62-11	101001	<u>60 10</u>	1 0 IN 3/ 8	10,00			311969	<b>!</b>		
								·		
			<del> </del>							
								-		
			······································			<del></del>				
	· · · · · · · · · · · · · · · · · · ·				<del></del> .					
					<del></del> -					
	<del></del>			<del></del> .	<del></del> .					
'Type: C=Co	ncentration, D=Depl	etion, RM=I	Reduced Matrix, MS	=Masked S	Sand Grai	ns.	<sup>2</sup> Location	: PL=Pore	Lining, M=Matr	ix.
Hydric Soil Ir							Indicators	for Proble	matic Hydric S	Soils <sup>3</sup> :
Histosol (		-	Polyvalue Below	Surface (S	S8) ( <b>LRR</b>	R,			(LRR K, L, MLI	
	pedon (A2)		MLRA 149B)	.=					ox (A16) ( <b>LRR</b>	
Black His	tic (A3) i Sulfide (A4)	-	Thin Dark Surfac						or Peat (S3) (L	
	Layers (A5)	_	Loamy Mucky M		(LRR K, I	L)			(LRR K, L, M)	
	Below Dark Surface	- (Δ11)	Loamy Gleyed M Depleted Matrix						Surface (S8) (LI	
	k Surface (A12)	. (,,,,,,	Redox Dark Surf						(S9) (LRR K, I	
	ucky Mineral (S1)	-	Depleted Dark S		<b>`</b>				/lasses (F12) (L ain Soils (F19)	
	eyed Matrix (S4)	_	Redox Depression		,				6) (MLRA 144 <i>A</i>	
Sandy Re		-		) (i c)				arent Mater		, 145, 148D <i>)</i>
	Matrix (S6)								Surface (TF12	2)
Dark Surf	ace (S7) (LRR R, M	LRA 149B)						(Explain in I		-/
									,	
<sup>3</sup> Indicators of I	nydrophytic vegetation	on and weti	and hydrology must	be present	t, unless c	listurbed (	or problematio	<b>)</b> .		
Restrictive La	yer (if observed):									
Туре:	N/A	· · · · · · · · · · · · · · · · · · ·								
Depth (inch	nes): <i>NJ</i>						Hydric Soil	Present?	Yes X	No
Remarks:		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					L			
										,* · · · ·
										ŀ

WEILAND DETERMINATION DATA FO	DRM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII City	//County: Nagara County Sampling Date: 8/7/19  State: NY Sampling Point: DP-6/2
Applicant/Owner: National Grid	State: NY Sampling Point: DP-0/2
Investigator(s): James Ireland Sec	ction, Township, Range: Town of Lekant
	relief (concave, convex, none): Conwe Slope (%): 3%
Subregion (LRR or MLRA): <u>LRL-L</u> Lat: <u>43.144762</u>	
Soil Map Unit Name: OdA - Odessa S: lby clay loam, 0 + 3	Descent Steres NWI classification: Not classification
Are climatic / hydrologic conditions on the site typical for this time of year?	
Are Vegetation, Soil, or Hydrology significantly dist	· · · · · · · · · · · · · · · · · · ·
Are Vegetation, Soil, or Hydrology naturally proble	
	ampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No ×	Is the Sampled Area
Hydric Soil Present? Yes No <b>% </b>	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 Worland 506	
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	ves (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 O	· · · · · · · · · · · · · · · · · · ·
	eres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduct	
Algal Mat or Crust (B4)  Algal Mat or Crust (B4)  Algal Mat or Crust (B5)	· · · · · · · · · · · · · · · · · · ·
Iron Deposits (B5) Thin Muck Surface	
Inundation Visible on Aerial Imagery (B7) Other (Explain in Re	_ ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `
Sparsely Vegetated Concave Surface (B8) Field Observations:	FAC-Neutral Test (D5)
Surface Water Present? Yes No Depth (inches): ~	
Water Table Present? Yes No Y Depth (inches):	
Saturation Present? Yes NoX Depth (inches): ~	Wetland Hydrology Present? Yes NoX
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photos, principle (includes capillary fringe)	revious inspections) if available:
gaage, menkennig men, dentai priotos, pr	evidus inspections), il available.
Remarks:	,

	Absolute Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 3e')	% Cover Species? Status	Number of Dominant Species
1		That Are OBL, FACW, or FAC:(A)
3		
2		Total Number of Dominant Species Across All Strata:  (B)
3		Species Across All Strata: (B)
4		Devent of Deminant Chapies
		That Are OBL, FACW, or FAC:
5		-
6		- Prevalence Index worksheet:
7		Total % Cover of: Multiply by:
_	<b>f</b> = Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15 )		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		Frevalence index = DIA =
6		Hydrophytic Vegetation Indicators:
<del></del>		1 - Rapid Test for Hydrophytic Vegetation
7		2 - Dominance Test is >50%
	= Total Cover	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size:)	- 1	4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1. Centaurea steeba	706 - NI	data in Remarks or on a separate sheet)
2. Solodago canadenses		<del>-</del>
3. Solidaça juncea	00% - NI	Indicators of hydric soil and wetland hydrology must
4. Rud beckin histon	150% Y EACU	the control of the state of an expension
4. NOW DECKIA hills		
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		-   Carting to break   Woody plants loss than 3 in DBH
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.
	35°6 = Total Cover	
- 1		
Woody Vine Stratum (Plot size: 30 )		
1.		_
2		Hydrophytic
۷		Vegetation Present? Yes No
3		Present? Yes No
4.		_
	= Total Cover	_
Remarks: (Include photo numbers here or on a separat	te sheet.)	
at 1 A 1 1 1	1 1 + t live in	heater stater starefree
Snotted Glorenessed & Early goldence	od on ma	V ·
Remarks: (Include photo numbers here or on a separate Spotted Strupped & Early galdense next method in Liter great	Can't 17	
not melude in som guester	av (.	
1		

Profile Description: (Describe to the de	epth needed to docu	ment the indicator	or confirm	n the absence of indi	cators )	
DepthMatrix		ox Features	01 00111111	ii tiic absonce of mar	00(013.)	
(inches) Color (moist) %	Color (moist)		_Loc <sup>2</sup>	Texture	Remarks	
0-11 in 10 YR 3/2 100 4	<u> </u>			Silt loam		
11-Win 10 YK 3/4 8090	5 YR 4/6	20% /	M	Silt bamchy		
10 18 9/				OH ROMENO		
				·		
	<u> </u>			·		
			<del></del>			
			<del></del>			
17						
<sup>1</sup> Type: C=Concentration, D=Depletion, RN Hydric Soil Indicators:	M=Reduced Matrix, MS	S=Masked Sand Gra	ains.		ore Lining, M=Matrix.	
Histosol (A1)	Polyadue Pelo	u Surface (S9) /LBI	) D		blematic Hydric Soils <sup>3</sup> :	
Histic Epipedon (A2)	MLRA 149B)	w Surface (S8) ( <b>LRF</b> )	κ,		10) (LRR K, L, MLRA 149B) Redox (A16) (LRR K, L, R)	
Black Histic (A3)	,	ace (S9) ( <b>LRR R, MI</b>	RA 149B)		eat or Peat (S3) (LRR K, L, R)	
Hydrogen Sulfide (A4)		/lineral (F1) (LRR K	, L)	Dark Surface (	S7) (LRR K, L, M)	
Stratified Layers (A5) Depleted Below Dark Surface (A11)	Loamy Gleyed I			Polyvalue Below Surface (S8) (LRR K, L)		
Thick Dark Surface (A12)	Depleted Matrix Redox Dark Sur			Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R)		
Sandy Mucky Mineral (S1)	Depleted Dark S				dplain Soils (F19) (MLRA 149B)	
Sandy Gleyed Matrix (S4)	Redox Depress				TA6) (MLRA 144A, 145, 149B)	
Sandy Redox (S5)				Red Parent Ma	aterial (F21)	
Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149	ID)				Dark Surface (TF12)	
Bain cando (cr) (Littin, inclus 14.	.5)			Other (Explain	in Remarks)	
<sup>3</sup> Indicators of hydrophytic vegetation and w	etland hydrology mus	t be present, unless	disturbed	or problematic.		
Restrictive Layer (if observed):						
Type:	-			İ		
Depth (inches):	<u> </u>			Hydric Soil Present	t? Yes No	
Remarks:						
					•	

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII City/County: With County State: NY Sampling Point: DP- G13 Applicant/Owner: National Grid Section, Township, Range: Town of Lakport Investigator(s): James Ireland Landform (hillslope, terrace, etc.): Terree 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. L19591</u> Datum: NAD '83 Soil Map Unit Name: C.B- Cayuga + Calenavia Sill loams, 210 le po ant slyrs 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 \_\_\_\_\_\_, Soil \_\_\_\_\_\_, or Hydrology \_\_\_\_\_\_\_ 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? 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) Surface Water (A1) \_\_\_ Drainage Patterns (B10) \_\_\_ Water-Stained Leaves (B9) \_ High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) Saturation (A3) Marl Deposits (B15) Dry-Season Water Table (C2) Water Marks (B1) Hydrogen Sulfide Odor (C1) \_\_\_ 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) \_ Algal Mat or Crust (B4) N/A-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) \_\_ 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? Yes \_\_\_\_\_ No \(\forall \) Depth (inches): Saturation Present? Wetland Hydrology Present? Yes \_\_\_\_\_ No \_\_\_\_\_ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

Sampling Point:	DP-	0	バ
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## **VEGETATION** – Use scientific names of plants.

	Absolute Dominant Indicator	
Tree Stratum (Plot size:)	% Cover Species? Status	Dominance Test worksheet:
		Number of Dominant Species That Are OBL FACW or FAC:  (A)
1		That Are OBL, FACW, or FAC: (A)
2		Total Number of Deminant
		Total Number of Dominant Species Across All Strata: (B)
3		Species Across Air Strata.
4		Percent of Dominant Species
5		That Are OBL, FACW, or FAC:
5		
6		Prevalence Index worksheet:
7		Total % Cover of: Multiply by:
	= Total Cover	
_	<b>v</b> = Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15")		FACW species x 2 =
		FAC species x 3 =
1		FACU species x 4 =
2		l e
		UPL species x 5 =
3		Column Totals: (A) (B)
4		
5		Prevalence Index = B/A =
		H. Januaria Vanatation Indicators
6		Hydrophytic Vegetation Indicators:
7		1 - Rapid Test for Hydrophytic Vegetation
	<i>A</i>	2 - Dominance Test is >50%
	= Total Cover	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size:)		4 - Morphological Adaptations¹ (Provide supporting
1. Lalora pecenre	encely & FACE	data in Remarks or on a separate sheet)
		· ·
2		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3		<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.
		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.
	Anal Cours	
	= Total Cover	
Woody Vine Stratum (Plot size:)		
1		Hydrophytic
2		Vegetation
3		Present? Yes No
Ŭ.		
4		
	= Total Cover	
Remarks: (Include photo numbers here or on a separate		
Tremarks. (include prioto numbers here of oir a separate	sheet.)	

Profile Desc	ription: (Describe t	o the dep	th needed to docur	nent the ir	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> _	<u>Texture</u>	Remarks
0-20	10 yR 413	100					SiL	
· <del>-</del> · · · · · · · · · · · · · · · · · · ·				`				
•								
<u>·</u>								
		•						
							<del></del>	
¹Type: C=Co	oncentration, D=Deple	etion, RM=	Reduced Matrix. MS	S=Masked	Sand Gra	ins.	<sup>2</sup> Location:	PL=Pore Lining, M=Matrix.
Hydric Soil I		,				· · · · · · · · · · · · · · · · · · ·		for Problematic Hydric Soils³:
Histosol	(A1)		Polyvalue Belov	w Surface	(S8) ( <b>LRF</b>	R,	2 cm M	uck (A10) (LRR K, L, MLRA 149B)
	ipedon (A2)		MLRA 149B)					Prairie Redox (A16) (LRR K, L, R)
Black His	• •		Thin Dark Surfa					ucky Peat or Peat (S3) (LRR K, L, R)
	n Sulfide (A4) Layers (A5)		Loamy Mucky N Loamy Gleyed I			L)		urface (S7) (LRR K, L, M) ue Below Surface (S8) (LRR K, L)
	Below Dark Surface	(A11)	Depleted Matrix					ark Surface (S9) (LRR K, L)
	rk Surface (A12)		Redox Dark Su					inganese Masses (F12) (LRR K, L, R)
	ucky Mineral (S1)		Depleted Dark \$		7)			nt Floodplain Soils (F19) (MLRA 149B)
	leyed Matrix (S4)		Redox Depress	ions (F8)				Spodic (TA6) (MLRA 144A, 145, 149B)
	edox (S5) Matrix (S6)							rent Material (F21) nallow Dark Surface (TF12)
	face (S7) (LRR R, M	LRA 149B	3)					Explain in Remarks)
	(, (,		,					,
	hydrophytic vegetation	on and we	tland hydrology mus	t be prese	nt, unless	disturbed	or problematic.	
	ayer (if observed):							
Type:	~/A							<b>~</b> ₁
Depth (inc	hes): <i>\VI</i> }						Hydric Soil I	Present? Yes No
Remarks:								

## WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region City/County: Nitrager County Sampling Date: 5/5/19 Project/Site: NG Batavia-Lockport Article VII State: NY Sampling Point: DP-C/9 Applicant/Owner: National Grid Investigator(s): James Ireland Section, Township, Range: Town of Looking L Landform (hillslope, terrace, etc.): Deptision Local relief (concave, convex, none): Concave Slope (%): 3% Subregion (LRR or MLRA): <u>LQQ-L</u> Lat: <u>43./45683</u> Long: <u>-76.698699</u> Datum: NAD '83 Soil Map Unit Name: Od A - Odessa Sile Clay lear Othes person NWI classification: Net classifier Are climatic / hydrologic conditions on the site typical for this time of year? Yes X 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: WL つのフ Wetland Hydrology Present? Remarks: (Explain alternative procedures here or in a separate report.) Data 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) \_\_\_ Dry-Season Water Table (C2) Saturation (A3) Marl Deposits (B15) 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) Algai 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 \_X Depth (inches): Water Table Present? Yes \_\_\_\_ No \_\_X Depth (inches): Saturation Present? Wetland Hydrology Present? Yes \_\_\_\_\_\_ No \_\_\_\_\_ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

Tree Stratum (Plot size: 3c ( )	Absolute			Dominance Test worksheet:
Tree Stratum (Plot size: 3c )	<u>% Cover</u>	Species? S	<u>status</u>	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
			<del></del>	That Are OBL, FACW, or FAC: 1000 (A/B)
5				
6				Prevalence Index worksheet:
7	_			Total % Cover of: Multiply by:
	4	= Total Cover		OBL species x 1 =
Sapling/Shrub Stratum (Plot size: /5'	,			FACW species x 2 =
				FAC species x 3 =
1				1
2				FACU species x 4 =
				UPL species x 5 =
3	-			Column Totals: (A) (B)
4				
				Prevalence Index = B/A =
5				
6				Hydrophytic Vegetation Indicators:
7				<u>y</u> 1 - Rapid Test for Hydrophytic Vegetation
			-	➤ 2 - Dominance Test is >50%
		= Total Cover		3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size: 5')				
1. Lythrum Saligaria	60%	Υ ,	013L	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
2. Phinamiles australis	20.6		FACW	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Seigns cypecions	1006	N	BL	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
o. selly sel		N		be present, unless disturbed or problematic.
4. Expatarion pertoliation	<u>5"/_</u>		ACW	bo process, arrived distance of processing
5				Definitions of Vegetation Strata:
1				
6				Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
7				at breast neight (DBA), 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.
	arth	= Total Cover		
n a l	. 75 0	- Total Cover		
Woody Vine Stratum (Plot size: 36')				
1				
1				Hydrophytic
2				Vegetation
3.				Present? Yes No
				·
4				
		= Total Cover		
Remarks: (Include photo numbers here or on a separat	e sheet.)			
Tromano: (modas pristo namboro nero er en a separat	0 0.1001.,			

Brofile Door	rintion: (Deceribe	to the den	th needed to docur	nant tha	ndiantau a		the charmes	Sampling Folia		
		to the dep				or contirm	tne absence	of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	x Feature: %	<u>Type¹</u>	Loc <sup>2</sup>	Texture	Remarks		
0-12	10 YR 3/2	80%	7.5 Yr 5/6	90	C	м	5:60			
<del></del>							<u> </u>			
12.00	10/1/3/1	ioilo	7.5 YR5/6	40	<u> </u>					
					-					
								· · · · · · · · · · · · · · · · · · ·		
					<del></del>	<del></del>				
							· · · · · · · · · · · · · · · · · · ·			
		<del></del>								
				<del></del>			<del></del>	·		
Type: C=Co	oncentration, D=Dep	letion, RM	=Reduced Matrix, MS	S=Masked	Sand Gra	ins.	Location	: PL=Pore Lining, M=Matrix.  for Problematic Hydric Soils <sup>3</sup> :		
Histosol			Dobarek o Bolov	v Curfoso	(CO) /I BB	В		· · · · · · · · · · · · · · · · · · ·		
	oipedon (A2)		Polyvalue Belov MLRA 149B)		(50) (LKK	κ,		fuck (A10) ( <b>LRR K, L, MLRA 149B</b> ) Prairie Redox (A16) ( <b>LRR K, L, R</b> )		
Black Hi			Thin Dark Surfa		.RR R, ML	RA 149B)		fucky Peat or Peat (S3) (LRR K, L, R)		
Hydroge	n Sulfide (A4)		Loamy Mucky M					urface (S7) (LRR K, L, M)		
	Layers (A5)		Loamy Gleyed I		)			lue Below Surface (S8) (LRR K, L)		
	d Below Dark Surfac	e (A11)	Depleted Matrix					ark Surface (S9) (LRR K, L)		
	ark Surface (A12) lucky Mineral (S1)		Redox Dark Sur Depleted Dark S		7)			anganese Masses (F12) (LRR K, L, R) ont Floodplain Soils (F19) (MLRA 149B)		
	Bleyed Matrix (S4)		Redox Depressi		''			Spodic (TA6) (MLRA 144A, 145, 149B)		
	ledox (S5)			` ,				arent Material (F21)		
	Matrix (S6)						Very Shallow Dark Surface (TF12)			
Dark Sui	rface (S7) ( <b>LRR R, N</b>	ILRA 149E	3)				Other (	Explain in Remarks)		
<sup>3</sup> Indicators of	f hydronhytic yeaetai	tion and we	etland hydrology mus	t he prese	nt unless	disturbed a	or problematic			
	ayer (if observed):		tiana nyarology mas	t be prese	int, unicoo	distance	or problematic	•		
Type:	N/A									
Depth (inc	ches): VIA						Hydric Soil	Present? Yes \(\frac{Y}{}\) No		
Remarks:							,			

WEILAND DEIERMINATION DATA	rokw – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII	City/County: Ningara Sampling Date: 8/12/14
Applicant/Owner: National Grid	State: NY Sampling Point: DP- 670
	Section, Township, Range: Town of Lectout
	ral relief (concave, convex, none):
Subregion (LRR or MLRA): <u>LRR-L</u> Lat: <u>43.14/87/</u>	
Soil Map Unit Name: CIA - Churchy: le silt loan - On 2p	
Are climatic / hydrologic conditions on the site typical for this time of yea	
Are Vegetation $\frac{\mathcal{N}}{\mathcal{N}}$ , Soil $\frac{\mathcal{N}}{\mathcal{N}}$ , or Hydrology $\frac{\mathcal{N}}{\mathcal{N}}$ significantly d	· · · · · · · · · · · · · · · · · · ·
Are Vegetation, Soil, or Hydrology naturally prob	blematic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing	sampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No	Is the Sampled Area
Hydric Soil Present? Yes X No	within a Wetland? Yes No
Wetland Hydrology Present? Yes _ X No	If yes, optional Wetland Site ID: ししつごと
Remarks: (Explain alternative procedures here or in a separate report.	
Dala Pent for Wetland -0	
HYDROLOGY	
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	
High Water Table (A2) Aquatic Fauna (B	• • •
Saturation (A3) Marl Deposits (B	Dry-Season Water Table (C2)
Water Marks (B1) Hydrogen Sulfide	
l	pheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
	duced Iron (C4) Stunted or Stressed Plants (D1) uction in Tilled Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surface	· · · · · · · · · · · · · · · · · · ·
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 No Depth (inches):=	ET-0.
Water Table Present? Yes No Depth (inches):	
Saturation Present? Yes No K Depth (inches): (includes capillary fringe)	Wetland Hydrology Present? Yes X No
Describe Recorded Data (stream gauge, monitoring well, aerial photos,	, previous inspections), if available:
Remarks:	
Remarks.	
,	
	1
	i i

VEGETATION COO COLONIA I CAMPO CO PICAMO		
	Absolute Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30')	% 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)
J		
4		Percent of Dominant Species That Are OBL FACW or FAC:  (A/B)
5		That Are OBL, FACW, or FAC:(OOG (A/B)
J		
6		Prevalence Index worksheet:
_		
7		Total % Cover of: Multiply by:
	= Total Cover	OBL species x 1 =
ا العام العام العام العام العام العام العام العام العام العام العام العام العام العام العام العام العام العام		FACW species x 2 =
Sapling/Shrub Stratum (Plot size: 15")		
1. Fraxines pennsylvania	1006 Y FACY	FAC species x 3 =
		FACU species x 4 =
2. Aver sarcharism	100 1 FACO	UPL species x 5 =
3		<u> </u>
		Column Totals: (A) (B)
4		
5.		Prevalence Index = B/A =
J		Hardward Mariet day by the Alaska
6		Hydrophytic Vegetation Indicators:
		★ 1 - Rapid Test for Hydrophytic Vegetation
7		2 - Dominance Test is >50%
	= Total Cover	
Herb Stratum (Plot size:)		3 - Prevalence Index is ≤3.0 <sup>1</sup>
· · · · · · · · · · · · · · · · · · ·	and the decision of the second	4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1. Bidus francisc	40 da y noto FACW	data in Remarks or on a separate sheet)
	304/ Y 30th CBC	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
2. Lythrum salicaria	3011 1 20 8 0130	Toblemade Hydrophytic regetation (Explain)
3. Typha angustifile	25% / 25% 0BC	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
. •		be present, unless disturbed or problematic.
4		
5		Definitions of Vegetation Strata:
0		
6		Tree – Woody plants 3 in. (7.6 cm) or more in diameter
7		at breast height (DBH), regardless of height.
·		Sauthur/abush Was du plants loss than 2 in DBH
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 of equal to 3.26 ft (1 m) tall.
9		Herb All herbaceous (non-woody) plants, regardless of
10		size, and woody plants less than 3.28 ft tall.
		Bizo, and woody planto too man one or man
11		Woody vines - All woody vines greater than 3.28 ft in
12.		height.
	95් = Total Cover	
	= Iotal Cover	
Woody Vine Stratum (Plot size: 30')	<b>~</b>	
14	200/ 800 540	
1. Vits sipain		
, ,		Hydrophytic
2		Vegetation Present? Yes No
3		Present? Yes No
4		•
	<u> </u>	
Remarks: (Include photo numbers here or on a separate	e sheet.)	
Tromains: (molado prioto namboro noto or on a copara.	3 3.1.33.1.7	
1		

Profile Description: (Describe to the de	pth needed to docum	ent the ind	icator o	r 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 y R 3/3 10	7.5 yr 3/6	<u> 30</u> _	<u>C</u> _	<u>m</u> _	Si L	
12-20 10yk 3/2 60	7.5 Vr	25	_	M		
	10 V( 3/2	15	C	m	Clay	
				<del></del>		
	-					
1						
<sup>1</sup> Type: C=Concentration, D=Depletion, RN Hydric Soil Indicators:	=Reduced Matrix, MS=	Masked Sa	and Grai	ins.		: PL=Pore Lining, M=Matrix.  for Problematic Hydric Solls <sup>3</sup> :
Histosol (A1)	Polyvalue Below	Surface (St	3) (LRR	R.		luck (A10) (LRR K, L, MLRA 149B)
Histic Epipedon (A2)	MLRA 149B)	(-	-, (=: :: :	,		Prairie Redox (A16) (LRR K, L, R)
Black Histic (A3)	Thin Dark Surface					lucky Peat or Peat (S3) (LRR K, L, R)
Hydrogen Sulfide (A4) Stratified Layers (A5)	Loamy Mucky Mii Loamy Gleyed Mi		LRR K,	L)		urface (S7) ( <b>LRR K, L, M</b> ) lue Below Surface (S8) ( <b>LRR K, L</b> )
Depleted Below Dark Surface (A11)	Depleted Matrix (					ark Surface (S9) (LRR K, L)
Thick Dark Surface (A12)	X Redox Dark Surfa	ce (F6)			Iron-Ma	anganese Masses (F12) (LRR K, L, R)
Sandy Mucky Mineral (S1)	Depleted Dark Su					ont Floodplain Soils (F19) (MLRA 149B)
Sandy Gleyed Matrix (S4) Sandy Redox (S5)	Redox Depressio	ns (Fö)				Spodic (TA6) ( <b>MLRA 144A, 145, 149B</b> ) arent Material (F21)
Stripped Matrix (S6)						hallow Dark Surface (TF12)
Dark Surface (S7) (LRR R, MLRA 149	B)					Explain in Remarks)
<sup>3</sup> Indicators of hydrophytic vegetation and w	etland hydrology must l	he present	unless	disturbed	or problematic	
Restrictive Layer (if observed):	onana nyarotogy maet i	oo procent,	4111000	a.o.u.boa		•
туре: <b>\(\nabla_{}, \beta_{}.</b> \)						_
Depth (inches):					Hydric Soil	Present? Yes 🗸 No
Remarks:						
•						
					•	
						<b>Y</b>

WEILAND DETERMINATION DATA FOR	RM - Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII City/C	County: N: a (a ca Sampling Date: 8/12/
Applicant/Owner: National Grid	State: NY Sampling Point: DP 7.2
Investigator(s):	on, Township, Range: Town of Luckourt
Landform (hillslope, terrace, etc.): Accen rend Local rel	ief (concave, convex, none): Slope (%):
Subregion (LRR or MLRA): <u>LRR-L</u> Lat: <u>43.141918</u>	
Soil Map Unit Name: C/A - Churchuille Sill lann, On 2 per	
Are climatic / hydrologic conditions on the site typical for this time of year? Y	
Are Vegetation $N$ , Soil $N$ , or Hydrology $N$ significantly distur	
Are Vegetation, Soil, or Hydrology	
SUMMARY OF FINDINGS – Attach site map showing sam	
Hydrophytic Vegetation Present? Yes No 🏋	Is the Sampled Area
Hydric Soil Present? Yes No. *	within a Wetland? Yes <u>#</u> No X
Wetland Hydrology Present? Yes No	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	
1.	
Opland data point for Weela	N 008
blank days boys as	
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) Mari Deposits (B15)	Dry-Season Water Table (C2)
Water Marks (B1) Hydrogen Sulfide Odd Sediment Deposits (B2) Oxidized Rhizosphere	or (C1) Crayfish Burrows (C8) es on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Oxidized (1/11/20spirete) Drift Deposits (B3) Presence of Reduced	
Algal Mat or Crust (B4) Recent Iron Reduction	• •
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 Depth (inches): ~	
Water Table Present? Yes No Depth (inches): ~	
Saturation Present? Yes No Depth (inches): -	Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre-	vious inspections), if available:
Remarks:	
i volitario.	
·	
·	

VEGETATION - Ose scientific flames of plants	٠.			
201		Dominant		Dominance Test worksheet:
Tree Stratum (Plot size:3c ')	% Cover	Species?	Status	Number of Dominant Species
1				That Are OBL, FACW, or FAC:(A)
2.				Total Novel on of Descinant
				Total Number of Dominant Species Across All Strata:  (B)
3			<del></del>	(-)
4	<del></del>			Percent of Dominant Species That Are OBL, FACW, or FAC:
5				That Are OBL, FACW, or FAC: (A/B)
6				Prevalence Index worksheet:
•				
7	- <u>//</u>			Total % Cover of: Multiply by:
,		= Total Cove	er	OBL species x1 =
Sapling/Shrub Stratum (Plot size: 15 <sup>1</sup>				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 =
				Hydrophytic Vegetation Indicators:
6				1 - Rapid Test for Hydrophytic Vegetation
7				1
		= Total Cov	ег	2 - Dominance Test is >50%
Herb Stratum (Plot size:5')				3 - Prevalence Index is ≤3.0¹
1. Centauren stoebe	400%		NZ	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
2. Phlerm properse	40%	У	FACU	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Varces carote	30%	<u> </u>	UPL	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
C) I	<u> </u>			be present, unless disturbed or problematic.
4. Solidago canadess-s	- Borlo		FAW	
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.
				size, and woody plants less than 5.26 it tail.
11				Woody vines - All woody vines greater than 3.28 ft in
12	<del></del>			height.
	150%	= Total Cov	er	
Woody Vine Stratum (Plot size:)				
1				
I	-			Hydrophytic
2				Vegetation
3				Present? Yes No
4				
· · · · · · · · · · · · · · · · · · ·		- Total O		
		_ = Total Cov	er	
Remarks: (Include photo numbers here or on a separate				
	1	/	t h	
Spotled throughout in an envoice therefore it was not included.	e and p	va no	ruse	an worouseur manen,
	1	1		
thealore it was not included.	in low	arer.		
7				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of Indicators.)										
Depth	Matrix		Redox	<u>k Features</u>	<u> </u>					
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks		
D-12	10 m 4/3	85	10yr 5/8	15	C	M	Si L			
	-		1-/1-/2							
	****									
	•				-					
			•							
<sup>1</sup> Type: C=Co	ncentration, D=Dept	letion. RM=	Reduced Matrix, MS	=Masked	Sand Gra	ins	<sup>2</sup> l ocati	on: PL=Pore Lining, M=Matrix.		
Hydric Soil I			,	Machoc	Juna Oit			rs for Problematic Hydric Soils <sup>3</sup> :		
Histosol	(A1)		Polyvalue Below	Surface	(SR) (I DD	В		n Muck (A10) (LRR K, L, MLRA 149B)		
1	oipedon (A2)	•	MLRA 149B)	Juliace	(50) (EIXI	ı ı,		st Prairie Redox (A16) (LRR K, L, R)		
Black His			Thin Dark Surface	ا ۱/ (92) مع	DD D MI	DA 1/0R		n Mucky Peat or Peat (S3) (LRR K, L, R)		
	n Sulfide (A4)	•	Loamy Mucky M					Surface (S7) (LRR K, L, M)		
	Layers (A5)	•	Loamy Gleyed M			_,		value Below Surface (S8) (LRR K, L)		
	Below Dark Surface	(A11)	Depleted Matrix					Dark Surface (S9) (LRR K, L)		
	rk Surface (A12)		Redox Dark Surf					Manganese Masses (F12) (LRR K, L, R)		
	lucky Mineral (S1)	•	Depleted Dark S		<b>7</b> \			mont Floodplain Soils (F19) (MLRA 149B)		
	leyed Matrix (S4)	•	Redox Depression		' '			ic Spodic (TA6) (MLRA 144A, 145, 149B)		
	edox (S5)	-		3110 (1 0)						
	Matrix (S6)						Red Parent Material (F21) Very Shallow Dark Surface (TF12)			
	face (S7) (LRR R, M	II RA 149R	<u>.</u>					er (Explain in Remarks)		
	( / (							(Explain in Remarks)		
<sup>3</sup> Indicators of	hydrophytic vegetati	on and we	tland hydrology must	he prese	nt unless	disturbed	or problems	itic		
	.ayer (if observed):			00 p. 000.		410141104	T probleme			
_	ompa Ction									
	- 11	<del>)</del>								
Depth (inc	nes): 1 Z						Hydric Sc	oll Present? Yes No X		
Remarks:										

AAET PAIAD DETEKIANIANTION DATA LON	_
Project/Site: NG Batavia-Lockport Article VII City/C	County: Ladgeth Niagara Sampling Date: 8/13/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP- 636
Investigator(s): 5. may Inland   Bigen Monte	on, Township, Range: Town of Lockport
Landform (hillslope, terrace, etc.): Drocession Local reli	ief (concave, convex, none): Slope (%):
Subregion (LRR or MLRA): <u>LRR-L</u> Lat: <u>43.140.207</u>	Long: <u>~ 78. 6 36 3 / 3</u> Datum: NAD '83
Soil Map Unit Name: HIA- Hillen silt lean, Gro 3 pecent slop	NWI classification: Not classified
Are climatic / hydrologic conditions on the site typical for this time of year? Y	
Are Vegetation	·
Are Vegetation	
SUMMARY OF FINDINGS – Attach site map showing sam	npling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No	is the Sampled Area
Hydric Soil Present? Yes _ Y No	within a Wetland? Yes X No
Wetland Hydrology Present? YesX No	If yes, optional Wetland Site ID: VL -669
Remarks: (Explain alternative procedures here or in a separate report.)	
TEN Date point for Vecland 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 Leave	os (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 Od	· · · · · · · · · · · · · · · · · · ·
	es on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduced	· ·
Algal Mat or Crust (B4) Recent Iron Reductio	· · —
Iron Deposits (B5) Thin Muck Surface (C	• • • • • • • • • • • • • • • • • • • •
Inundation Visible on Aerial Imagery (B7) Other (Explain in Rer	marks)    Microtopographic Relief (D4)  FAC-Neutral Test (D5)
Sparsely Vegetated Concave Surface (B8)  Field Observations:	<u> </u>
Surface Water Present? Yes No Y Depth (inches):	
Water Table Present?  Yes No Depth (inches): -	w
Saturation Present? Yes NoX Depth (inches): '	Wetland Hydrology Present? Yes X No
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre	vious increations), if availables
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre	vious inspections), il avaliable.
Remarks:	

Tree Stratum (Plot size: 36 <sup>(</sup> )	Absolute	Dominant Indicator	Dominance Test 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 That Are OBL, FACW, or FAC: (A/B)
5			That Ale Obl., FACW, OF FAC. (A/B)
6			Prevalence Index worksheet:
7			Total % Cover of: Multiply by:
	Ø	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15 )			FACW species x 2 =
1,			FAC species x 3 =
2			FACU species x 4 =
3			UPL species x 5 =
4			Column Totals: (A) (B)
			Prevalence Index = B/A =
5			Hydrophytic Vegetation Indicators:
7		T-1-10	₹ 2 - Dominance Test is >50%
Herb Stratum (Plot size:		= Total Cover	3 - Prevalence Index is ≤3.0 <sup>1</sup>
1. Phagmiles australis	1006	Y FACW	4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
2			Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3			<sup>1</sup> Indicators of hydric soil and wetland hydrology must
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			
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:)			
1			
2			Hydrophytic
3			Vegetation Present? YesX No
4			
	Ø	= Total Cover	
Remarks: (Include photo numbers here or on a separate s			
,	,		

Profile Description: (Describe to the d	epth needed to docur	nent the i	ndicator	or confirm	n the absence	of Indicators.)
Depth Matrix		x Feature	<u>s</u> _ 1			
(inches) Color (moist) %	Color (moist)		Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-15 10 yr 3/2 75	2.5 rr#	25		M	SILC	
·	,					
					·	
	-					
<del></del>						· · · · · · · · · · · · · · · · · · ·
	-					
<sup>1</sup> Type: C=Concentration, D=Depletion, R	M=Reduced Matrix, MS	======================================	Sand Gra	ains.	<sup>2</sup> Location	: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators:						for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)	Polyvalue Belov		(S8) (LRF	R,		Muck (A10) (LRR K, L, MLRA 149B)
Histic Epipedon (A2)	MLRA 149B)					Prairie Redox (A16) (LRR K, L, R)
Black Histic (A3)	Thin Dark Surfa					Mucky Peat or Peat (S3) (LRR K, L, R)
Hydrogen Sulfide (A4) Stratified Layers (A5)	Loamy Mucky M Loamy Gleyed I			, L)		Surface (S7) (LRR K, L, M) slue Below Surface (S8) (LRR K, L)
Depleted Below Dark Surface (A11)	Depleted Matrix	•	,			erk Surface (S9) (LRR K, L)
Thick Dark Surface (A12)	X Redox Dark Sur	• -			Iron-M	anganese Masses (F12) (LRR K, L, R)
Sandy Mucky Mineral (S1)	Depleted Dark S		7)			ont Floodplain Soils (F19) (MLRA 149B)
Sandy Gleyed Matrix (S4)	Redox Depress	ions (F8)				Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy Redox (S5) Stripped Matrix (S6)						arent Material (F21) Shallow Dark Surface (TF12)
Dark Surface (S7) (LRR R, MLRA 14	9B)					(Explain in Remarks)
. , , , ,	•				<del></del>	` '
<sup>3</sup> Indicators of hydrophytic vegetation and	wetland hydrology mus	t be prese	nt, unless	disturbed	or problemation	<b>.</b>
Restrictive Layer (if observed):						
Type: POCK5	_					<b>Y</b>
Depth (inches): 15 "	_				Hydric Soil	Present? Yes X No
Remarks:						
						•
•						
					•	

WETLAND DETERMINATION DATA FOR	RM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII	County: <u>Niacara</u> Sampling Date: <u>\$//3//9</u>
Applicant/Owner: National Grid	State: NY Sampling Point: DP-027
Investigator(s): Jany trylad   Bryan Nonto Section	ion Township Range: Town of /ack
Landform (hillslope, terrace, etc.): Lildage Local re	
Subregion (LRR or MLRA): LRR-L Lat: 43.146252	
Soil Map Unit Name: HIA - Hillum Sile loam Oto 3 perent si	
Are climatic / hydrologic conditions on the site typical for this time of year?	
Are Vegetation, Soil, or Hydrology significantly disturb	rbed? Are "Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology naturally problem	atic? (If needed, explain any answers in Remarks.)
SHMMADY OF FINDINGS Attach site man showing con	unling waint languing transports important factions of
Sommart of Findings – Attach site map showing san	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 ×	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	
·	
Delay Dichila	· · · · · · · · · · · · · · · · · · ·
Upland Point For Welland O	09
	e <sup>rr</sup>
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)	
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	
Algal Mat or Crust (B4) Recent Iron Reduction	· · — · · · · · · · · · · · · · · · · ·
Iron Deposits (B5) Thin Muck Surface (C Inundation Visible on Aerial Imagery (B7) Other (Explain in Rer	
Inundation Visible on Aerial Imagery (B7) Other (Explain in Rer Sparsely Vegetated Concave Surface (B8)	
Field Observations:	FAC-Neutral Test (D5)
Surface Water Present? Yes No X Depth (inches):	
Water Table Present? Yes No Depth (inches):	
Saturation Present? Yes No F Depth (inches):	Wetland Hydrology Present? Yes No X
(includes capillary fringe)	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre	ivious inspections), if available:
Remarks:	
1	

	·		
2.1		Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species? Status	Number of Dominant Species
1,		,	That Are OBL, FACW, or FAC: (A)
<b>.</b>		,	That Ald Obe, Thorr, of the
2			Total Number of Dominant
3			Species Across All Strata: (B)
J		<del></del>	
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 =
.el			
Sapling/Shrub Stratum (Plot size: 15 )			FACW species x 2 =
1. Lonicera morrow:	1506	Y FACE	FAC species x 3 =
			FACU species x 4 =
2			
3			UPL species x 5 =
3			Column Totals: (A) (B)
4			
5			Prevalence Index = B/A =
			Hydrophytic Vegetation Indicators:
6			1 - Rapid Test for Hydrophytic Vegetation
7			2 - Dominance Test is >50%
,	15%	= Total Cover	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size:)	- 1	<b>Y</b>	4 - Morphological Adaptations (Provide supporting
1. Slidago canadonsis	80%		data in Remarks or on a separate sheet)
2. Davas carota	3000	y ope	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Poacæe Sp.	Solo		<sup>1</sup> Indicators of hydric soil and wetland hydrology must
0		· · · · · · · · · · · · · · · · · · ·	be present, unless disturbed or problematic.
4			bo procent amos distance of presentation
5			Definitions of Vegetation Strata:
J			
6			Tree – Woody plants 3 in. (7.6 cm) or more in diameter
7			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	·		W 1 4111 1 ( 15 1 1 15 1
10			Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
i			size, and woody plants less than 3.26 it tail.
11			Woody vines - All woody vines greater than 3.28 ft in
12.			height.
			neight.
	110	= Total Cover	
Woody Vine Stratum (Plot size:)			
woody vine Stratum (Flot size)			
1			
			Hydrophytic
2			Vegetation
3.			Present? Yes No
<u> </u>			
4			
	Œ	= Total Cover	
		- Total Cover	
Remarks: (Include photo numbers here or on a separate	sheet.)		
_			
Poaceae wwantable a la il	11:1.	l	7/
Poaceae warn + able to be ide	myres o	um myeein	mayore not included
in lotal percent cover		•	
Jovan Covo			
1			

Profile Description: (Describe to the de	pth needed to documen	nt the indicator o	r confirm	the absence of i	ndicators.)	
Depth <u>Matrix</u>	Redox Fe	eatures				
(inches) Color (moist) %	Color (moist)	% Type¹	Loc <sup>2</sup>		Remarks	
0-8 10 yr 7/3 100		<b></b>		<u> 3 L</u>		
<b>'</b>						
				<del></del>		·
		<del></del> -				
				· · · · · · · · · · · · · · · · · · ·		
				<del></del>		
		<del></del>	<del></del>			
<sup>1</sup> Type: C=Concentration, D=Depletion, RM	I=Reduced Matrix, MS=M	Masked Sand Grain		<sup>2</sup> l ocation: Pl	_=Pore Lining, M=Ma	trix
Hydric Soil Indicators:		Table Calle City			Problematic Hydric	
Histosol (A1)	Polyvalue Below Su	urface (S8) (LRR	R,	2 cm Muck	(A10) (LRR K, L, M	LRA 149B)
Histic Epipedon (A2)	MLRA 149B)	*•			rie Redox (A16) (LRI	·
Black Histic (A3)	Thin Dark Surface (				xy Peat or Peat (S3) (	
Hydrogen Sulfide (A4) Stratified Layers (A5)	Loamy Mucky Mine		-)		ce (S7) (LRR K, L, N	
Depleted Below Dark Surface (A11)	Loamy Gleyed Matr Depleted Matrix (F3				Below Surface (S8) ( Surface (S9) ( <b>LRR K</b>	
Thick Dark Surface (A12)	Redox Dark Surface				anese Masses (F12)	
Sandy Mucky Mineral (S1)	Depleted Dark Surfa				Floodplain Soils (F19	
Sandy Gleyed Matrix (S4)	Redox Depressions	s (F8)			dic (TA6) ( <b>MLRA 14</b> 4	IA, 145, 149B)
Sandy Redox (S5)					t Material (F21)	40)
Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149	R)				ow Dark Surface (TF	12)
	-,			Offici (Exp	nam in Romano,	
<sup>3</sup> Indicators of hydrophytic vegetation and w	etland hydrology must be	present, unless o	listurbed o	or problematic.		
Restrictive Layer (if observed):						
Type: Nock	•					_
Depth (inches):	•			Hydric Soil Pre	sent? Yes	_ No <u>×</u>
Remarks:						
•						
	•					
<i>y</i>						

WEILAND DEIERMINATION DATA FO	North - North central and Northeast Region
Project/Site: NG Batavia-Lockport Article VII	//County: <u>//:nsara</u> Sampling Date: 8//3/K
Applicant/Owner: National Grid	State: NY Sampling Point: DP- 039
Investigator(s): Jany Inland I Bigan Maria Sec	
Landform (hillslope, terrace, etc.): Dynssen Local n	
Subregion (LRR or MLRA): <u>LRP-L</u> Lat: <u>43./40.264</u>	Long: -78.635384 Datum: NAD '83
Soil Map Unit Name: C/A - Churchville sill lan , C to 2 perum	
Are climatic / hydrologic conditions on the site typical for this time of year?	<b>7</b> _ `
Are Vegetation $\mathcal{N}$ , Soil $\mathcal{N}$ , or Hydrology $\mathcal{N}$ significantly distributions of the size typical for this time of year?	
Are Vegetation, Soil, or Hydrology significantly distributed as the Vegetation, Soil, or Hydrology naturally problem	•
Are vegetation, Soil, or Hydrology naturally probler	matic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing sa	mpling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes 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: VL-010
Remarks: (Explain alternative procedures here or in a separate report.)	
DEM, Welland 010	
1 60/1/ 40/11/10	
·	
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	<del></del>
Saturation (A3) Marl Deposits (B15) Water Marks (B1) Hydrogen Sulfide Or	,
	dor (C1) Crayfish Burrows (C8)  eres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduce	
1	ion in Tilled Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surface (	· · · · · · · · · · · · · · · · · · ·
Inundation Visible on Aerial Imagery (B7) Other (Explain in Re	emarks) <u> Microtopographic Relief (D4)</u>
Sparsely Vegetated Concave Surface (B8)	<u></u>
Field Observations:	
Surface Water Present? Yes No Depth (inches): -  Water Table Present? Yes No Depth (inches): -	v ,
Water Table Present?       Yes       No       ➤       Depth (inches):         Saturation Present?       Yes       No       ➤       Depth (inches):	W 45 11 1 1 2 15 15 15 15 15 15 15 15 15 15 15 15 15
(includes capillary fringe)	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pro	evious inspections), if available:
Remarks:	

Tree Stratum (Plot size: 30' )		Dominant Species?	Status	Dominance Test worksheet:  Number of Dominant Species That Are OBL, FACW, or FAC:  (A)
2				That Are OBL, FACW, OF FAC (A)
3				Species Across All Strata: (B)
4	*		<del></del>	Percent of Dominant Species That Are OBL, FACW, or FAC:
5		<del></del>		
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
	<u> </u>	= Total Cove	er	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15')				FACW species x 2 =
1. Apacynum cannabinum	30°lo	У	FAC	FAC species x 3 =
2.				FACU species x 4 =
				UPL species x 5 =
3				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%
ابر	300	= Total Cov	er	7 3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size: 5)  1. Dhray miles avstrals	Godo	ı Y	FACV	4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
2. Lychryn Salicaria			0136	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
				<u> </u>
3. Meliloha officinalis	7070	<del>-/-</del>	LACU	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
4				Definitions of Vegetation Strata:
5				
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 size, and woody plants less than 3.28 ft tall.
11	_			
12				Woody vines – All woody vines greater than 3.28 ft in height.
	14006	_ = Total Cov	er	
Woody Vine Stratum (Plot size:)				
1.	_	. :		
2				Hydrophytic Vegetation
3.				Present? Yes No
3				′
4		= Total Cov	er	
Remarks: (Include photo numbers here or on a separate	e sheet.)			

Profile Description: (Describe to the de	pth needed to docur	nent the ir	dicator	or confirm	n the absence	of Indicators.)
Depth <u>Matrix</u>		x Features				
(inches) Color (moist) %	Color (moist)	<u>%</u>	Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks
U-12 1011 3/2 10	7,5 yr 1/6	30	<u> </u>	<u>m</u> _	LL	
2-20 10 vr 3/2 60	7.5 yr 46	23				
1	5 yr 5/8	15	<b>C</b>	M	1'	
	<u> </u>	<u></u>		<del></del>		
					<del></del>	
				<del></del>	•	
<u>/*</u>						
<sup>1</sup> Type: C=Concentration, D=Depletion, RN	M=Reduced Matrix, MS	S=Masked	——— Sand Gra	ains.	2Location	: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators:						for Problematic Hydric Solls <sup>3</sup> :
Histosol (A1)	Polyvalue Belov		S8) ( <b>LR</b> F	R,		Muck (A10) (LRR K, L, MLRA 149B)
Histic Epipedon (A2) Black Histic (A3)	MLRA 149B) Thin Dark Surfa		RR R MI	RA 149R		Prairie Redox (A16) ( <b>LRR K, L, R</b> ) flucky Peat or Peat (S3) ( <b>LRR K, L, R</b> )
Hydrogen Sulfide (A4)	Loamy Mucky N					surface (S7) (LRR K, L, M)
Stratified Layers (A5)	Loamy Gleyed I	Matrix (F2)		•	Polyva	lue Below Surface (S8) (LRR K, L)
Depleted Below Dark Surface (A11)	Depleted Matrix					ark Surface (S9) (LRR K, L)
Thick Dark Surface (A12) Sandy Mucky Mineral (S1)	Redox Dark Sur		<b>7</b> )			anganese Masses (F12) (LRR K, L, R) ont Floodplain Soils (F19) (MLRA 149B)
Sandy Gleyed Matrix (S4)	Redox Depress		,			Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy Redox (S5)						arent Material (F21)
Stripped Matrix (S6)	ID)					hallow Dark Surface (TF12)
Dark Surface (S7) (LRR R, MLRA 149	, and				Other (	(Explain in Remarks)
<sup>3</sup> Indicators of hydrophytic vegetation and v	etland hydrology mus	t be preser	nt, unless	disturbed	or problemation	<b>.</b> .
Restrictive Layer (if observed):						
Type:	-					<b>x</b>
Depth (inches):	-	·			Hydric Soil	Present? Yes No
Remarks:						
•						
			,			
·						
				•		

	RM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII  Applicant/Owner: National Grid  Investigator(s): James Taland Section S	County: Access Sampling Date: 8/3//9
Applicant/Owner: National Grid	State: NY Sampling Point: DP-036
Investigator(s): Taxas Taland Section	on Township Range: Town of Call act
Landform (hillslope, terrace, etc.): Terrace Local rel	lief (concave convex none): Contak ( Slone (%)):
Subregion (LRR or MLRA): LRR-L Lat: 43.140466	
Soil Map Unit Name: CIA- Churchville 5. 1/2 loam, Gra 2 pa	
Are climatic / hydrologic conditions on the site typical for this time of year?	
Are Vegetation $N$ , Soil $N$ , or Hydrology $N$ significantly disturbed.	
Are Vegetation, Soil, or Hydrology naturally problem	atic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing san	npling point locations, transects, important features, etc.
Taxable of the state of the sta	
Hydrophytic Vegetation Present?	ls the Sampled Area within a Wetland? Yes No ≻
Hydric Soil Present? Yes X No	<del>''</del> '
Wetland Hydrology Present? Yes No > Remarks: (Explain alternative procedures here or in a separate report.)	If yes, optional Wetland Site ID:
Tremains. (Explain alternative procedures here of in a separate report.)	
Upland Data Point Co, Weiland	16
In a part out to menus	
LIVEROLOGY	
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)	_ , , , ,
Water Marks (B1) Hydrogen Sulfide Od	_ , ,
Sediment Deposits (B2) Oxidized Rhizosphen Drift Deposits (B3) Presence of Reduced	
Drift Deposits (B3) Presence of Reduced Algal Mat or Crust (B4) Recent Iron Reduction	· · · · · · · · · · · · · · · · · · ·
1	
<u> </u>	
Inundation Visible on Aerial Imagery (B7) Other (Explain in Rer Sparsely Vegetated Concave Surface (B8)	marks) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations:	
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:
Bootise Noticed Data (Stream gauge, Monitoring Well, Benial photos, pre	vious inspections), ii available.
Remarks:	
	•
A Line Committee of the	Transport of the section of the sect
	TATE OF THE PARK TO SEE THE TOTAL OF THE PARK TO SEE

VEGETATION - Use scientific flames of plan		Sampling Forne
2	Absolute Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 36')	<u>% Cover Species? Status</u>	
4		Number of Dominant Species That Are OBL, FACW, or FAC:(A)
1		That Are OBL, FACW, of FAC. (A)
2		Total Number of Dominant
3		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
<u> </u>		
4		
5		That Are OBL, FACW, or FAC: (A/B)
6		Prevalence Index worksheet:
7		Total % Cover of: Multiply by:
, e	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15	•	FACW species x 2 =
1. Salix lasiolepis	celle Y -101	FAC species x 3 =
1. Jalix lasiolepis		FACU species x 4 =
2		
		UPL species x 5 =
3		Column Totals: (A) (B)
4		
		Prevalence Index = B/A =
5		II I I A V
6		Hydrophytic Vegetation Indicators:
7		1 - Rapid Test for Hydrophytic Vegetation
		2 - Dominance Test is >50%
	<u> </u>	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size:		
	2.4. 4	4 - Morphological Adaptations¹ (Provide supporting
1. Phleum prakase		data in Remarks or on a separate sheet)
2. Centauren stocke	40do	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
		11454
3. Davers carole	<u> </u>	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
4		be present, unless disturbed of 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.
		Sapling/shrub – Woody plants less than 3 in. DBH
8		and greater than or equal to 3.28 ft (1 m) tall.
9		and grouter than or equal to elect it (1 my tem
		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> /<i>ပစ္ ဖြ</i></u> = Total Cover	
W- 1 M 01 1 - 101-1-1- 761	·	
Woody Vine Stratum (Plot size:)		
1		_
		Hydrophytic
2		-   Vegetation
3		Present? Yes No
4		
4		-
	= Total Cover	
Remarks: (Include photo numbers here or on a separa	ate sheet.)	
Trainer (morado prioto namboro noto en arcopara	,	
	1.4 1. 2	
Centeria steele don not have	, an indirates rlatin h	herefore not included in
		•
totall perant cores.		
100 mm /		
t .		

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
0-10 10yr3/2 80	7.3 yr 4/6 20 C M	Si L
10-20 10 vr 1/2 60	7.5 45 5/6 20	
	10 vr 5/ 20	C. L
·		
		·
		•
	<u> </u>	
	=Reduced Matrix, MS=Masked Sand Grains.	<sup>2</sup> Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators:	D. I. D. I. O. (100) (IDD D	Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1) Histic Epipedon (A2)	Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, 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)	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) Sandy Mucky Mineral (S1)	<ul><li>Redox Dark Surface (F6)</li><li>Depleted Dark Surface (F7)</li></ul>	Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy Mucky Millerar (31)	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 149	B)	Other (Explain in Remarks)
<sup>3</sup> Indicators of hydrophytic vegetation and v	retland hydrology must be present, unless disturbed	or problematic.
Restrictive Layer (if observed):	<u> </u>	
Туре: <i>N/</i>		
Depth (inches): NIN	-	Hydric Soil Present? Yes No
Remarks:		
		•
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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 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Condity Slope (%): 3°6 Subregion (LRR or MLRA): <u>LRQ-L</u> Lat: <u>43.146.343</u> Long: <u>-78.638.573</u> Datum: NAD '83 Soil Map Unit Name: (14 - Churche: 1/2 5:11 loom, On Speceral slopes NWI classification: Not chassifical 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 7 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) Surface Water (A1) \_\_\_ Water-Stained Leaves (B9) \_\_\_ Drainage Patterns (B10) High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) Saturation (A3) \_\_\_ Dry-Season Water Table (C2) Marl Deposits (B15) 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) \_\_\_ Microtopographic Relief (D4) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes \_\_\_\_ No \_\_ Depth (inches): ~ Yes \_\_\_\_\_ No \_\_\_\_ Depth (inches): x Water Table Present? Yes \_\_\_ No \_\_\_\_ Depth (inches): 🗡 Saturation Present? Wetland Hydrology Present? Yes \_\_\_\_ No \_\_\_\_ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

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

·			T
Tree Stratum (Plot size:)	Absolute	Dominant Indicator Species? Status	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species   Status	Number of Dominant Species
1			Number of Dominant Species That Are OBL, FACW, or FAC:  (A)
2			1
			Total Number of Dominant Species Across All Strata:  (B)
3			Species Across Ali Strata (b)
4			Percent of Dominant Species
5			Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
6			Prevalence Index worksheet:
7			Total % Cover of: Multiply by:
			1
	_φ_	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15')			FACW species x 2 =
1. Aporynum cannabinum	inolo	<u> Y F4C.</u>	FAC species x 3 =
			FACU species x 4 =
2			UPL species x 5 =
3			
			Column Totals: (A) (B)
4		<del></del>	Prevalence Index = B/A =
5			Frevalence index = D/A =
6.			Hydrophytic Vegetation Indicators:
			1 - Rapid Test for Hydrophytic Vegetation
7			✓ 2 - Dominance Test is >50%
	100%	= Total Cover	
Herb Stratum (Plot size:)			3 - Prevalence Index is ≤3.0¹
	,		4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1. Erthamia graminifolia 2. Poacene sp.	7000	T FAC	data in Remarks or on a separate sheet)
2. Poacene So.	4006		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Robus allegheniensis	Docto	Y EACH	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
3. Winus Allegneniensis	_ 00 ·V		be present, unless disturbed or problematic.
4			be present, unless distance of presional and
5			Definitions of Vegetation Strata:
			Tues Manada alondo 2 in (7.6 cm) or more in dismeter
6		<del></del>	Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
7			at breast height (DDF1), 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			W 1 4111 1 and (an analysis of
10			Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
			size, and woody plants less than 5.26 it tail.
11		<del></del>	Woody vines - All woody vines greater than 3.28 ft in
12			height.
	9000	= Total Cover	
Woody Vine Stratum (Plot size: 30')	<del></del>		
Woody Vine Stratum (Plot size: 30')			
1			
			Hydrophytic
			Vegetation Veg V
3			Present? Yes No
4. •			
		- Total Cours	
		= Total Cover	
Remarks: (Include photo numbers here or on a separate	sheet.)		
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, , , , , , , , , , , , , , , , , , , ,	pth needed to document the indicator or confi	irm the absence of ind	cators.)
Depth Matrix	Redox Features		
(inches) Color (moist) %	Color (moist) % Type <sup>1</sup> Loc <sup>2</sup>	Texture	Remarks
10yr 1/2 100		<u> </u>	
12-60 10 yr 12			
· '			
	· · · · · · · · · · · · · · · · · · ·		
			,
<sup>1</sup> Type: C=Concentration D=Depletion P	M=Reduced Matrix, MS=Masked Sand Grains.	2l ocation: Pl -E	ore Lining, M=Matrix.
Hydric Soll Indicators:			oblematic Hydric Soils <sup>3</sup> :
Histosol (A1)	Polyvalue Below Surface (S8) (LRR R,	2 cm Muck (A	10) (LRR K, L, MLRA 149B)
Histic Epipedon (A2)	MLRA 149B)		Redox (A16) (LRR K, L, R)
Black Histic (A3)	Thin Dark Surface (S9) (LRR R, MLRA 149		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)		(S7) ( <b>LRR K, L, M</b> ) ow Surface (S8) ( <b>LRR K, L</b> )
Depleted Below Dark Surface (A11)	Depleted Matrix (F3)		face (S9) (LRR K, L)
Thick Dark Surface (A12)	Redox Dark Surface (F6)		se Masses (F12) (LRR K, L, R)
Sandy Mucky Mineral (S1)	Depleted Dark Surface (F7)	Piedmont Flo	odplain Soils (F19) (MLRA 149B)
Sandy Gloved Matrix (CA)	Podov Doprossions (EQ)	Magia Candia	/TAC\/MIDA 444A 44E 446D\
Sandy Gleyed Matrix (S4) Sandy Redox (S5)	Redox Depressions (F8)		(TA6) ( <b>MLRA 144A, 145, 149B</b> ) aterial (F21)
Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6)	Redox Depressions (F8)	Red Parent M	The state of the s
Sandy Redox (S5)		Red Parent M	aterial (F21) Dark Surface (TF12)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149	<b>DB</b> )	Red Parent M Very Shallow Other (Explain	aterial (F21) Dark Surface (TF12)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149		Red Parent M Very Shallow Other (Explain	aterial (F21) Dark Surface (TF12)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 14s)  3Indicators of hydrophytic vegetation and w	<b>DB</b> )	Red Parent M Very Shallow Other (Explain	aterial (F21) Dark Surface (TF12)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 14)  3Indicators of hydrophytic vegetation and vegetation	<b>DB</b> )	Red Parent M Very Shallow Other (Explain	aterial (F21) Dark Surface (TF12) n in Remarks)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 14)  Indicators of hydrophytic vegetation and we restrictive Layer (if observed):  Type:	<b>DB</b> )	— Red Parent M — Very Shallow — Other (Explained or problematic.	aterial (F21) Dark Surface (TF12) n in Remarks)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 14)  Indicators of hydrophytic vegetation and verticative Layer (if observed):  Type: Depth (inches):	<b>DB</b> )	— Red Parent M — Very Shallow — Other (Explained or problematic.	aterial (F21) Dark Surface (TF12) n in Remarks)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 14)  Indicators of hydrophytic vegetation and verticative Layer (if observed):  Type: Depth (inches):	<b>DB</b> )	— Red Parent M — Very Shallow — Other (Explained or problematic.	aterial (F21) Dark Surface (TF12) n in Remarks)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 14)  Indicators of hydrophytic vegetation and verticative Layer (if observed):  Type: Depth (inches):	<b>DB</b> )	— Red Parent M — Very Shallow — Other (Explained or problematic.	aterial (F21) Dark Surface (TF12) n in Remarks)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 14)  Indicators of hydrophytic vegetation and verticative Layer (if observed):  Type: Depth (inches):	<b>DB</b> )	— Red Parent M — Very Shallow — Other (Explained or problematic.	aterial (F21) Dark Surface (TF12) n in Remarks)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 14)  Indicators of hydrophytic vegetation and verticative Layer (if observed):  Type: Depth (inches):	<b>DB</b> )	— Red Parent M — Very Shallow — Other (Explained or problematic.	aterial (F21) Dark Surface (TF12) n in Remarks)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 14)  Indicators of hydrophytic vegetation and verticative Layer (if observed):  Type: Depth (inches):	<b>DB</b> )	— Red Parent M — Very Shallow — Other (Explained or problematic.	aterial (F21) Dark Surface (TF12) n in Remarks)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 14)  Indicators of hydrophytic vegetation and verticative Layer (if observed):  Type: Depth (inches):	<b>DB</b> )	— Red Parent M — Very Shallow — Other (Explained or problematic.	aterial (F21) Dark Surface (TF12) n in Remarks)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 14)  Indicators of hydrophytic vegetation and verticative Layer (if observed):  Type: Depth (inches):	<b>DB</b> )	— Red Parent M — Very Shallow — Other (Explained or problematic.	aterial (F21) Dark Surface (TF12) n in Remarks)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 14)  Indicators of hydrophytic vegetation and verticative Layer (if observed):  Type: Depth (inches):	<b>DB</b> )	— Red Parent M — Very Shallow — Other (Explained or problematic.	aterial (F21) Dark Surface (TF12) n in Remarks)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 14)  Indicators of hydrophytic vegetation and verticative Layer (if observed):  Type: Depth (inches):	<b>DB</b> )	— Red Parent M — Very Shallow — Other (Explained or problematic.	aterial (F21) Dark Surface (TF12) n in Remarks)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 14)  Indicators of hydrophytic vegetation and verticative Layer (if observed):  Type: Depth (inches):	<b>DB</b> )	— Red Parent M — Very Shallow — Other (Explained or problematic.	aterial (F21) Dark Surface (TF12) n in Remarks)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 14)  Indicators of hydrophytic vegetation and verticative Layer (if observed):  Type: Depth (inches):	<b>DB</b> )	— Red Parent M — Very Shallow — Other (Explained or problematic.	aterial (F21) Dark Surface (TF12) n in Remarks)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 14)  Indicators of hydrophytic vegetation and verticative Layer (if observed):  Type: Depth (inches):	<b>DB</b> )	— Red Parent M — Very Shallow — Other (Explained or problematic.	aterial (F21) Dark Surface (TF12) n in Remarks)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 14)  Indicators of hydrophytic vegetation and verticative Layer (if observed):  Type: Depth (inches):	<b>DB</b> )	— Red Parent M — Very Shallow — Other (Explained or problematic.	aterial (F21) Dark Surface (TF12) n in Remarks)
Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 14)  Indicators of hydrophytic vegetation and verticative Layer (if observed):  Type: Depth (inches):	<b>DB</b> )	— Red Parent M — Very Shallow — Other (Explained or problematic.	aterial (F21) Dark Surface (TF12) n in 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 Investigator(s): 5 may Ireland Section, Township, Range: Town of Lackport Landform (hillslope, terrace, etc.): Danage Local relief (concave, convex, none): Concavt Slope (%): 3°0
Subregion (LRR or MLRA): LRR-L Lat: 43.140328 Long: -78.638344 Datum: NAD '83 Soil Map Unit Name: CIA - Churchuille Silt loom, Drad percent 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  $\frac{\mathcal{N}}{\mathcal{N}}$ , Soil  $\frac{\mathcal{N}}{\mathcal{N}}$ , or Hydrology  $\frac{\mathcal{N}}{\mathcal{N}}$  significantly disturbed? Are "Normal Circumstances" present? Yes  $\frac{\mathcal{N}}{\mathcal{N}}$  No\_Are Vegetation  $\frac{\mathcal{N}}{\mathcal{N}}$ , Soil  $\frac{\mathcal{N}}{\mathcal{N}}$ , or Hydrology  $\frac{\mathcal{N}}{\mathcal{N}}$  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? Yes Y No within a Wetland? Hydric Soil Present? Yes \_ Y No Wetland Hydrology Present? Yes \_ / No If yes, optional Wetland Site ID: Remarks: (Explain alternative procedures here or in a separate report.) PEM, Westand 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) Surface Water (A1) <u>x</u> Drainage Patterns (B10) \_\_\_ Water-Stained Leaves (B9) High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) Saturation (A3) \_\_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) Water Marks (B1) \_\_\_ Hydrogen Sulfide Odor (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 fron Reduction in Tilled Soils (C6) \_\_\_ Iron Deposits (B5) \_\_\_ Thin Muck Surface (C7) Shallow Aquitard (D3) Inundation Visible on Aerial Imagery (B7) X Microtopographic Relief (D4) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) ス FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes \_\_\_\_ No \_ Y Depth (inches): x Water Table Present? Yes \_\_\_\_\_ No \_X Depth (inches); X Saturation Present? Wetland Hydrology Present? Yes X No \_\_\_\_ Yes \_\_\_\_ No \_ X Depth (inches): X (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

VEGETATION - Occ coloniale names of plants			<u></u>
الم		Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 301)	% Cover	Species? Status	
1			Number of Dominant Species That Are OBL, FACW, or FAC: (A)
2			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: 10% (A/B)
5			
6			Prevalence Index worksheet:
7.			Total % Cover of: Multiply by:
		= Total Cover	OBL species x1 =
<b>,</b>	<u> </u>	= Total Cover	
Sapling/Shrub Stratum (Plot size: 151)			FACW species x 2 =
			FAC species x 3 =
1			FACU species x 4 =
2			UPL species x 5 =
3.			Column Totals: (A) (B)
			Column Totals(3)
4			Prevalence Index = B/A =
5			Hydrophytic Vegetation Indicators:
6	· ——		1 - Rapid Test for Hydrophytic Vegetation
7			X 2 - Dominance Test is >50%
		_ = Total Cover	3 - Prevalence Index is ≤3.0¹.
Herb Stratum (Plot size:)	mad	У	4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1. Phragm. les australis	50.6	Y TACW	
2. Lythum salicarin	<u>40°6</u>		•
3. Nelilahus officinals	1500	N FACU	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4. Euthamin graminifolia		N EAC	be present, unless disturbed or problematic.
5. Pubus allephonensis	, old	N FACU	Definitions of Vegetation Strata:
5. Kubus allepharasis	10-4		•
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.
	125	e = Total Cover	
Woody Vine Stratum (Plot size: 36')			
1			
1		•	Hydrophytic
2			Vegetation Present? Yes X No
3	_		Present? Yes X No
4.			_
	<u> </u>	= Total Cover	
Develop (Include whate prophers have as an a concept	e sheet \		
Remarks: (Include photo numbers here or on a separate	e 51166(°)		
		•	

Profile Description: (Describe to the	lepth needed to document the Indicator or confirm	n the absence of Indicators.)
Depth Matrix	Redox Features	·
(inches) Color (moist) %	Color (moist) % Type <sup>1</sup> Loc <sup>2</sup>	Texture Remarks
0-6 love 3/2 100		5 1
6-20 10x3/2 60		121
0-00 1011 12 60	7,546 96	<u>L ) L</u>
<b>'</b>		
<sup>1</sup> Type: C=Concentration, D=Depletion, R	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)	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)	X 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)
9		
*Indicators of hydrophytic vegetation and	wetland hydrology must be present, unless disturbed	or problematic.
Restrictive Layer (if observed):		
Type:/_//	_	
Depth (inches): NIA	<del>_</del>	Hydric Soil Present? Yes 🗴 No
Remarks:		
		·
		İ

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII Applicant/Owner: National Grid State: NY Sampling Point: DP-039

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

Local relief (concave, convex, none): Concave Slope (%): 3% Applicant/Owner: National Grid Subregion (LRR or MLRA): LRQ-L Lat: <u>43.146356</u> Long: -76, 624761 Datum: NAD '83 Soil Map Unit Name: Le . Lakement silly clay bam, C to 3 percent slows NWI classification: Note lassification Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) Are Vegetation \_\_\_\_\_\_, Soil \_\_\_\_\_\_, or Hydrology \_\_\_\_\_\_\_ 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? 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 Western Ora **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) High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) \_\_\_ 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) 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): 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:

VEGETATION — Ode doleranio names of plants.				
	Absolute			Dominance Test worksheet:
Tree Stratum (Plot size: 361)	% Cover	Species? S	Status	Number of Dominant Species
1				That Are OBL, FACW, or FAC:(A)
2				
				Total Number of Dominant Species Across All Strata: (B)
3		<del></del>		Species Across All Strata: (B)
4				Percent of Dominant Species/
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 =
				FACW species x 2 =
Sapling/Shrub Stratum (Plot size: 15")				
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 =
				Hydrophytic Vegetation Indicators:
6				1 - Rapid Test for Hydrophytic Vegetation
7				1 - 1 - 1 - 1
		= Total Cover		2 - Dominance Test is >50%
Herb Stratum (Plot size:)				3 - Prevalence Index is ≤3.0¹
_	e - c/			4 - Morphological Adaptations¹ (Provide supporting
1. Peace sp.	6090			data in Remarks or on a separate sheet)
2. Buthamin gramin: Folson	35%	<u></u>	FAC_	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Elecampure invla	20%	·	FACY	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4. Dipsacus lacinintus				be present, unless disturbed or problematic.
l A			WACU.	Definitions of Manufaction Country
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				Septime/objets Woody plants loss than 3 in DRU
8				Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
9				and grounds man of oqual to one of (1 m)
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.
· ·	7506	= Total Cover		
Maria I. Vina Olastona (Olata) au 201				
Woody Vine Stratum (Plot size:)				
1,				
2.				Hydrophytic
0				Vegetation   Present?   Yes No
3			<del></del>	103
4				
	0	= Total Cover		
Remarks: (Include photo numbers here or on a separate	sheet.)		-	
, , ,	•			
Be Could not identify Poacene a	1 +	Carrie di	C- 1	del sal indiale in
The colla her lawrity toalene a	lown w	specus in	clear a	Wife the
1				
Ital perant avec.				

Profile Description: (Describe to the de	oth needed to document the indicator or confirm	the absence of indicators.)
Depth Matrix	Redox Features	·
(inches) Color (moist) %	Color (moist) % Type <sup>1</sup> Loc <sup>2</sup>	
0-20 Invr 1/1 60 1	25 rc4/6 40	C L
·		
1Tune: C=Concentration D=D==late Dis	In Produced Matrix MS-Marked Sand Oneins	2) continue Di mportalisino Markata
Hydric Soil Indicators:	=Reduced Matrix, MS=Masked Sand Grains.	<sup>2</sup> Location: PL=Pore Lining, M=Matrix. Indicators for Problematic Hydric Solls <sup>3</sup> :
=	Delayelus Balayı Surface (SQ) /I DB B	1
Histosol (A1) Histic Epipedon (A2)	Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	2 cm Muck (A10) (LRR K, L, 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)	D)	Very Shallow Dark Surface (TF12)
Dark Surface (S7) (LRR R, MLRA 149	P)	Other (Explain in Remarks)
<sup>3</sup> Indicators of hydrophytic vegetation and w	etland hydrology must be present, unless disturbed o	or problematic.
Restrictive Layer (if observed):	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Type: NU		·
Depth (inches): NIX	•	Hydric Soil Present? Yes 🔀 No
Remarks:		
Nemarks.		
•		
		·
		•
		•
		1

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region City/County: Nonsore \_\_\_\_\_ Sampling Date: 8/13/19 Project/Site: NG Batavia-Lockport Article VII State: NY Sampling Point: DP- 035 Applicant/Owner: National Grid Landform (hillslope, terrace, etc.): Toeslope Local relief (concave, convex, none): Cercave Slope (%): 1%
Subregion (LRR or MLRA): LND-L Lat: 43.140763 Long: -78.635633 Datum: NAD '83 Soil Map Unit Name: OvA - Oved silt lean, Oted percent NWI classification: Not classifier of Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_ No \_\_\_\_ (If no, explain in Remarks.) Are Vegetation \_\_\_\_\_\_, Soil \_\_\_\_\_\_, or Hydrology \_\_\_\_\_\_ 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:\_ いん・012 Wetland Hydrology Present? Yes \_ > No Remarks: (Explain alternative procedures here or in a separate report.) Data point for Willand 002 **HYDROLOGY** Wetland Hydrology Indicators: Secondary Indicators (minimum of two required) Primary Indicators (minimum of one is required; check all that apply) Y Surface Soil Cracks (B6) Surface Water (A1) ✓ Drainage Patterns (B10) \_\_\_ Water-Stained Leaves (B9) High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) Saturation (A3) \_\_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) Water Marks (B1) \_\_\_ Hydrogen Sulfide Odor (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) Seomorphic 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) У FAC-Neutral Test (D5) Field Observations: Yes \_\_\_\_ No \_\_Y Depth (inches): ~ Surface Water Present? 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:

<b>VEGETATION</b> – Use scientific names	of	plants
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70	Absolute Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 3d )	% Cover Species? Status	Number of Dominant Species That Are OBL, FACW, or FAC:(A)
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: 100% (A/B)
5		
6		Prevalence Index worksheet:
7		Total % Cover of: Multiply by:
,	= 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 =
3		UPL species x 5 =
		Column Totals: (A) (B)
		Prevalence Index = B/A =
5		Hydrophytic Vegetation Indicators:
7		
_1	= Total Cover	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size: 51)  1. Typha engustifolia  2. Lythum Salicacia	95% Y ON.	
1. Typha angustitoth	150/0 1/ 000	Problematic Hydrophytic Vegetation¹ (Explain)
		1
3		<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
9		and greater than or equal to 3.28 ft (1 m) tall.
i		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.
	= Total Cover	
Woody Vine Stratum (Plot size:)		
1,		
2		Hydrophytic Vegetation
3.		Present? Yes No
4		
	= Total Cover	
Remarks: (Include photo numbers here or on a separate		
Trontaino. (motado prioto nativasto il arce o para la	, <b>,</b>	
		•

Profile Desc	cription: (Describe	to the dep	th needed to docur	ment the i	ndicator	or confirm	the absence	of Indicators.)
Depth (inches)	Matrix Color (moist)	<del>%</del>	Color (moist)	x Features		12	Tt	Damada
(inches)	16 y R 3/1	80°1,	2.5 yrs/8	_ <u>%</u> ∂0%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-11		·			<u> </u>	11_	<u> </u>	
11-20	104123/1	60%	2.5 yrs/8	40%	<u> </u>	<u>M</u>	<u> </u>	
		- <del></del>			<del></del>			
<u> </u>								
						<del></del>		
'Type: C=Co		letion, RM=	Reduced Matrix, MS	S≂Masked	Sand Gra	ains.		PL=Pore Lining, M=Matrix.  for Problematic Hydric Soils <sup>3</sup> :
Histosol			Polyvalue Belov	v Surface	(S8) (LRF	R.		uck (A10) (LRR K, L, MLRA 149B)
Histic Ep	oipedon (A2)		MLRA 149B)	)			Coast P	Prairie Redox (A16) (LRR K, L, R)
Black Hi	stic (A3) n Sulfide (A4)		Thin Dark Surfa Loamy Mucky N					ucky Peat or Peat (S3) (LRR K, L, R)
	i Layers (A5)		Loamy Gleyed I			· <b>-</b> )		urface (S7) (LRR K, L, M) ue Below Surface (S8) (LRR K, L)
	Below Dark Surface	e (A11)	Depleted Matrix				Thin Da	ark Surface (S9) (LRR K, L)
	ark Surface (A12) lucky Mineral (S1)		X Redox Dark Sui Depleted Dark S		<b>7</b> \	·		inganese Masses (F12) (LRR K, L, R) int Floodplain Soils (F19) (MLRA 149B)
	eleyed Matrix (S4)		Redox Depress		• •		Mesic S	Spodic (TA6) (MLRA 144A, 145, 149B)
	ledox (S5)							rent Material (F21)
	Matrix (S6) rface (S7) (LRR R, N	/ILRA 149E	1)					nallow Dark Surface (TF12) Explain in Remarks)
<sup>3</sup> Indicators of	hydrophytic vegetal	ion and we	tland hydrology mus	t ha proce	nt unless	disturbed	or problematic	
	ayer (if observed):		dana nyarology mus	t be prese	iri, urness	distalbed	or problematic.	
Type:	N/4							
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: Ningura Sampling Date: 8/19/19 Project/Site: NG Batavia-Lockport Article VII Applicant/Owner: National Grid State: NY Sampling Point: DP- 034 Investigator(s): Jan, Tolas Section, Township, Range: Town of Revaller Landform (hillslope, terrace, etc.): \(\sigma\) \(\locate{\locate}\) \(\ Subregion (LRR or MLRA): <u>LRR-L</u> Lat: <u>43. 140343</u> Long: <u>-78. 6/5388</u> Datum: NAD '83 Soil Map Unit Name: Out - Ovid S: It loan , 6 to 3 present stopes NWI classification: Not classification Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_Y\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes N0 No Normal Circumstances" present? SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Is the Sampled Area Hydrophytic Vegetation Present? 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 Port 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) \_\_\_ High Water Table (A2) \_\_\_ Moss Trim Lines (B16) \_\_\_ Aquatic Fauna (B13) \_\_\_ Dry-Season Water Table (C2) Saturation (A3) Mari Deposits (B15) 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) Ceomorphic 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) Fleld Observations: Surface Water Present? Yes \_\_\_\_ No \_\_ > Depth (inches): \_ Yes \_\_\_\_ No \_\_ > Depth (inches): ~ Water Table Present? Saturation Present? Yes \_\_\_\_ No > Depth (inches): \_ Wetland Hydrology Present? Yes <u>\( \chi \) No \_</u> (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

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

·		
Tree Stratum (Plot size:)	Absolute Dominant Indica	Dominance Test Worksneet:
Tree Stratum (Plot size:)	% Cover Species? State	us Number of Dominant Species
1		That Are OBL, FACW, or FAC: (A)
2		
		Total Number of Dominant
3	<del></del>	Species Across All Strata: (B)
4		— Percent of Dominant Species
		That Are OBL, FACW, or FAC:(\infty\) (A/B)
5	<u> </u>	
6		Prevalence Index worksheet:
7		Total % Cover of: Multiply by:
•		
	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: /5')		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 rotals (A) (D)
		Prevalence Index = B/A =
5		
6		Hydrophytic Vegetation Indicators:  1 - Rapid Test for Hydrophytic Vegetation
7		'
	= Total Cover	<u>X</u> 2 - Dominance Test is >50%
Herb Stratum (Plot size:)		3 - Prevalence Index is ≤3.0¹
1. Typha angustifilia	95% Y 0B	4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
2. Physomites australis	15% N FA	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Mentha arvensis	1000 N FACE	<sup>¹</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
4		be present, unless disturbed of 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		at breast neight (DBH), regardless of neight.
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.		bibly mid moody primite rose mining and a second
		Woody vines - All woody vines greater than 3.28 ft in
12		height.
	= Total Cover	
Woody Vine Stratum (Plot size:)		
WOODY WITE Stratum (Flot size.		·
1		
2		Hydrophytic Vegetation
3	<del></del>	Present? Yes No
3		
4		
	= Total Cover	
Remarks: (Include photo numbers here or on a separate	sheet.)	
·		

1		to the dep	th needed to docum			or confirm	the absence	of indicate	ors.)	
Depth (inches)	Matrix Color (moist)	%	Color (moist)	x Features	Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture		Remarks	
<u>0-8</u>	10483/1	7016	16 YR 5/4	15%	<u>c</u>		CL			
8-00	104R312		7.5 YR 5/8	15%	<u>C</u>	_77_		·		······································
8.20	10 yr 3/2	60%	7.57/8/8	20%	<u> </u>	M	<u> </u>			
			2.5 78 7/4	20%	С	1				
					a <del>r</del>	-ay				
				www.gr.,						·
· · · · · · · · · · · · · · · · · · ·	de:						•		<del></del>	
					* 4					
.:					<del></del>				<del></del>	
	<del></del>				<del></del>	-4 - 27.0%				
<sup>1</sup> Type: C=C	oncentration D≕Den	etion RM:	=Reduced Matrix, MS		Sand Gra	ins	<sup>2</sup> l ocation:	PI =Pore	Lining, M=Ma	ntriv
Hydric Soil	Indicators:	ouon, rum	(	J-IVIDSKEQ	Ourid Ore				matic Hydric	
Black Hi Hydroge Stratifled Depleted Thick Da Sandy M Sandy G Sandy R Stripped Dark Sul	pipedon (A2) stic (A3) in Sulfide (A4) I Layers (A5) I Below Dark Surface ark Surface (A12) Iucky Mineral (S1) Bleyed Matrix (S4) Bedox (S5) Matrix (S6) Irface (S7) (LRR R, N	ILRA 149E	MLRA 149B) MLRA 149B) Thin Dark Surfa Loamy Mucky M Loamy Gleyed M Depleted Matrix Redox Dark Sur Depleted Dark Sur Redox Depressi	ce (S9) (L dineral (F1 Matrix (F2) (F3) face (F6) Surface (F ions (F8)	RR R, ML ) (LRR K,	.RA 149B) L)	Coast F 5 cm M Dark St Polyval Thin Da Iron-Ma Piedmo Mesic S Red Pa Very St Other (I	Prairie Red ucky Peat urface (S7) ue Below S ark Surface inganese M int Floodpli Spodic (TA rent Mater nallow Dark Explain in I	(LRR K, L, M Surface (S8) ( 6 (S9) (LRR K Masses (F12) ain Soils (F19 6) (MLRA 144) ial (F21) c Surface (TF	R K, L, R) (LRR K, L, R) (I) LRR K, L) (, L) (LRR K, L, R) ) (MLRA 149B) 1A, 145, 149B)
Туре:	NIA						,			
	ches): <i>N/</i>						Hydric Soil I	Present?	Yes <u>X</u>	No
Remarks:	•								Į.	
				ý.			· ·			

	KW – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII City/	County: Nissara Sampling Date: 8/19/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP- 639
Investigator(s): 5 mm Tulm Sect	ion, Township, Range: Town of Rouse/km
	elief (concave, convex, none):
Subregion (LRR or MLRA): Lat: Lat: Lat:	
Soil Map Unit Name: Od A - Odessa 5: / Clay lear 0 to 3	
Are climatic / hydrologic conditions on the site typical for this time of year?	,
•	
Are Vegetation	· · · · · · · · · · · · · · · · · · ·
•	npling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No x	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 Data Pane for Verlan	J Øŋ
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	· · · · · · · · · · · · · · · · · · ·
Sediment Deposits (B2) Oxidized Rhizospher Drift Deposits (B3) Presence of Reduce	res on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
	d Iron (C4) Stunted or Stressed Plants (D1) on in Tilled Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surface (6	· · · · · · · · · · · · · · · · · · ·
Inundation Visible on Aerial Imagery (B7) Other (Explain in Rei	• • • • • • • • • • • • • • • • • • • •
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No _×_ Depth (inches): -	
Water Table Present? Yes No Depth (inches): -	·
Saturation Present? Yes No _^_ Depth (inches): ` (includes capillary fringe)	Wetland Hydrology Present? Yes No X
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre	evious inspections), if available:
Domorko	
Remarks:	

VEGETATION – Use scientific names of plants.	Sampling Point: DP-039
THOMAS TO CONTINUE TO THE PROPERTY OF THE PROP	. •

		to the Parker	
Tue Studying (Diet eleg) 301	Absolute	Dominant Indicator Species? Status	Dominance Test worksheet:
Tree Stratum (Plot size: 36' )	<u> 76 Cover</u>	Species! Status	Number of Dominant Species
1			That Are OBL, FACW, or FAC:O
2			
			Total Number of Dominant Species Across All Strata:  (B)
3		<del></del>	Species Across All Strata: (B)
4			Percent of Dominant Species
			That Are OBL, FACW, or FAC: (A/B)
5	<del></del>		
6.			Prevalence Index worksheet:
7			Total % Cover of: Multiply by:
	Ø	= Total Cover	OBL species x 1 =
			FACW species x 2 =
Sapling/Shrub Stratum (Plot size: 15' )			I i
1			FAC species x 3 =
			FACU species x 4 =
2			UPL species x 5 =
3			Column Totals: (A) (B)
			Column Totals (7)
4	-,		Prevalence Index = B/A =
5			1 Tevalence much - DIA -
6.			Hydrophytic Vegetation Indicators:
			1 - Rapid Test for Hydrophytic Vegetation
7			1 —-
	Ø.	= Total Cover	2 - Dominance Test is >50%
-1			3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size: 5')	80%	Y FACU	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
1. <u>Lalium perenne</u>			· · · · · · · · · · · · · · · · · · ·
2. Dipsaas lacinistus	5000	Y FACU	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Davens carota		N UPC	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
			be present, unless disturbed or problematic.
4. Asclepias syciaco	16010	N VPL	be present, amose distance of presionalis.
5.			Definitions of Vegetation Strata:
0			
6			Tree - Woody plants 3 in. (7.6 cm) or more in diameter
7			at breast height (DBH), regardless of height.
l <i>f</i> .			
7			I Sanling/shrub – Woody plants less than 3 in. DBH ⊟
8			Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
8			and greater than or equal to 3.28 ft (1 m) tall.
8			and greater than or equal to 3.28 ft (1 m) tall.  Herb – All herbaceous (non-woody) plants, regardless of
8			and greater than or equal to 3.28 ft (1 m) tall.
8			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.
8			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
8			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.
8			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
8			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
8			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
8			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.
8			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.
8			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
8			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.
8			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
8		= Total Cover	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
8			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
8	160	= Total Cover	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
8	160	= Total Cover	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
8	160	= Total Cover	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
8	160	= Total Cover	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
8	160	= Total Cover	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
8	160	= Total Cover	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
8	160	= Total Cover	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
8	160	= Total Cover	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
8	160	= Total Cover	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
8	160	= Total Cover	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

Profile Description: (Describe to the de	pth needed to document the indicator or confi	rm the absence of Indicators.)
Depth Matrix	Redox Features	
(inches) Color (moist) %	Color (moist) % Type <sup>1</sup> Loc <sup>2</sup>	Texture Remarks
0-11 10 yr 3/3 100	5-11-5-	<u>5; L</u>
11-20 loyr3/2 60	7.5 yr 1/4 30	
	2.5 V 10 C M	CL
<sup>1</sup> Type: C=Concentration D=Depletion RM	I=Reduced Matrix, MS=Masked Sand Grains.	<sup>2</sup> Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators:		Indicators for Problematic Hydric Solis <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 149	. — , , , , , , , , ,
Hydrogen Sulfide (A4) Stratified Layers (A5)	Loamy Mucky Mineral (F1) (LRR K, L)	Dark Surface (S7) (LRR K, L, M)
Depleted Below Dark Surface (A11)	Loamy Gleyed Matrix (F2) Depleted Matrix (F3)	Polyvalue Below Surface (S8) (LRR K, L) 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)	mi	Very Shallow Dark Surface (TF12)
Dark Surface (S7) (LRR R, MLRA 149	в)	Other (Explain in Remarks)
<sup>3</sup> Indicators of hydrophytic vegetation and w	etland hydrology must be present, unless disturbe	ed or problematic.
Restrictive Layer (if observed):		
Туре: <i>\(\begin{array}{c} \lambda \begin{array}{c} \lambda \begin{array}{c} \lambda \begin{array}{c} \lambda \begin{array}{c} \lambda \begin{array}{c} \lambda \begin{array}{c} \lambda \lambda \end{array} \rangle \lambda \lambda \rangle \lambda \rangle \rangl</i>		
Depth (inches): NA		Hydric Soil Present? Yes No
Remarks:		
	•	
	the state of the s	<b>!</b>

	rokw – Northcentral and Northeast Region
	City/County: Ningare Sampling Date: 8/19/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP- 676
Investigator(s): Jimm Inland	Section, Township, Range: Town of Leskget
Landform (hillslope, terrace, etc.):	cal relief (concave, convex, none): Nrae Slope (%): 1%
Subregion (LRR or MLRA): LRQ-L Lat: 43, 140	
	O to 3 percent sleps NWI classification: Net classified
Are climatic / hydrologic conditions on the site typical for this time of ye	
Are Vegetation, Soil, or Hydrology significantly	
Are Vegetation , Soil , or Hydrology , naturally pro	
	sampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No v	Is the Sampled Area
Hydric Soil Present? Yes No *	within a Wetland? Yes No X
Wetland Hydrology Present? Yes No ス	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate repo	rt.)
Upland for Wesland 014	,
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 Mad Bassa (A3)	· ·
Saturation (A3) Marl Deposits ( Water Marks (B1) Hydrogen Sulfic	
1 <del>-</del>	spheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
	educed Iron (C4) Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4) Recent Iron Re-	duction in Tilled Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surfa	ace (C7) Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7) Other (Explain	_ , , , , , ,
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:  Surface Water Present? Yes No Depth (inches)	N. "
Water Table Present? Yes No Y Depth (inches)	·
Saturation Present? Yes No _> Depth (inches)	
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photo	
p Describe Recorded Data (stream gauge, monitoring well, aerial photo	s, previous inspections), ir available:
Remarks:	
	•
	·
	I

and the same of		Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30 )	% 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: 33% (A/B)
5			That Are OBL, FACW, or FAC: (A/B)
6			Prevalence Index worksheet:
7			Total % Cover of: Multiply by:
	rt.		
		= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15 <sup>1</sup> )			FACW species x 2 =
			FAC species x 3 =
1			1
2			FACU species x 4 =
-			UPL species x 5 =
3			Column Totals: (A) (B)
4.			
			Prevalence Index = B/A =
5			T ISVAIGNOOT INCOA - DIA -
6			Hydrophytic Vegetation Indicators:
6			1 - Rapid Test for Hydrophytic Vegetation
7			
		= Total Cover	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 / 1/2 000	700%	Y DACV	data in Remarks or on a separate sheet)
1. Lalim perenne			
2. Dissacres Incraiates	35%		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Apa cynum canna birum			<sup>1</sup> Indicators of hydric soil and wetland hydrology must
			be present, unless disturbed or problematic.
4. Asolopias Syriaca	15%	N vpl	be present, unless disturbed or problematic.
,			Definitions of Vegetation Strata:
5			-
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
l .			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 less than 5.26 it will.
11			Woody vines - All woody vines greater than 3.28 ft in
12.			height.
	: 500/		
,	15090	_ = Total Cover	
Woody Vine Stratum (Plot size:)			
, 17002) VIIIO ORUGAM			
1			
2.			Hydrophytic
			Vegetation Present? Yes No
3			Present? Yes No _
T			•
	<u> </u>	_ = Total Cover	
Remarks: (Include photo numbers here or on a separate	sheet.)		
	,		
			•
1			
			•

Profile Description: (Describe to the de	pth needed to document the	e indicator or	confirm	the absence	of indicators.)
Depth Matrix	Redox Featu	res			,
(inches) Color (moist) %	Color (moist) %	Type <sup>1</sup> I	Loc <sup>2</sup>	<u>Texture</u>	Remarks
0-11 10 Vr 3/2 90	10 yr5/8/0	<u> </u>	$n_{\perp}$	<u> 51 L</u>	·
14-20 10/r3/2 50	7.5xr5/A30	C 1	n		
	7 5 4 5/270		m	1	
	<u> </u>			<u> </u>	
					`
<sup>1</sup> Type: C=Concentration, D=Depletion, RM	=Reduced Matrix, MS=Mask	ed Sand Grains	S.	<sup>2</sup> Location	: PL=Pore Lining, M=Matrix.
Hydric Soll Indicators:				Indicators	for Problematic Hydric Solls <sup>3</sup> :
Histosol (A1)	Polyvalue Below Surface	e (S8) ( <b>LRR R</b>	,		Muck (A10) ( <b>LRR K, L, MLRA 149B</b> )
Histic Epipedon (A2)	MLRA 149B)	// DD D M/ D/	A 440D)		Prairie Redox (A16) (LRR K, L, R)
Black Histic (A3) Hydrogen Sulfide (A4)	Thin Dark Surface (S9) Loamy Mucky Mineral (				Mucky Peat or Peat (S3) (LRR K, L, R) Surface (S7) (LRR K, L, M)
Stratified Layers (A5)	Loamy Gleyed Matrix (F		,		ilue Below Surface (S8) (LRR K, L)
Depleted Below Dark Surface (A11)	Depleted Matrix (F3)	•			ark Surface (S9) (LRR K, L)
Thick Dark Surface (A12)	Redox Dark Surface (Fi	-			anganese Masses (F12) (LRR K, L, R)
Sandy Mucky Mineral (S1)	Depleted Dark Surface				ont Floodplain Soils (F19) (MLRA 149B)
Sandy Gleyed Matrix (S4) Sandy Redox (S5)	Redox Depressions (F8	9)			Spodic (TA6) ( <b>MLRA 144A, 145, 149B</b> ) arent Material (F21)
Stripped Matrix (S6)					Shallow Dark Surface (TF12)
Dark Surface (S7) (LRR R, MLRA 149	<b>B</b> )				(Explain in Remarks)
3					
<sup>3</sup> Indicators of hydrophytic vegetation and w Restrictive Layer (if observed):	etland hydrology must be pre	sent, unless dis	sturbed o	or problematio	). 
Type: M/A					
Depth (inches): NIA				Hydric Soil	Present? Yes No X
Remarks:		· ·		Tiyano don	11030IK1 103 IK0
Nomano.					
					·

WEILAND DETERMINATION DAT	1A FORM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII	City/County: <u>\languages (a.g.a/s)</u> Sampling Date: \(\lambda \lambda
Applicant/Owner: National Grid	State: NY Sampling Point: DP- 04/
· · · · · · · · · · · · · · · · · · ·	Section, Township, Range: Town of Luckoork
. ~	Local relief (concave, convex, none): Concav Slope (%): 1%
Subregion (LRR or MLRA): Lat: 43.140	515pc (70)
	m 6 to 3 percent steps NWI classification: Not chessified
Are climatic / hydrologic conditions on the site typical for this time of	
Are Vegetation, Soil, or Hydrology significan	,
Are Vegetation , Soil , or Hydrology , naturally	
The vegetation, on, or rightnoopy naturally	r problematic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing	ing sampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes <u>→</u> No	Is the Sampled Area
Hydric Soil Present? Yes X No	within a Wetland? Yes No
Wetland Hydrology Present? Yes <u>⊁</u> No	If yes, optional Wetland Site ID: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Remarks: (Explain alternative procedures here or in a separate re	aport.)
PEN datapoint of Willand C14.	
1 Eli paraberro of Bergari old.	
HYDROLOGY	
Wetland Hydrology Indicators:	
Primary Indicators (minimum of one is required; check all that apply	Secondary Indicators (minimum of two required)
	<u>ly)</u> Surface Soil Cracks (B6) ed Leaves (B9)
High Water Table (A2)  Aquatic Faur	
Saturation (A3) Marl Deposit	
	ulfide Odor (C1) Crayfish Burrows (C8)
Sediment Deposits (B2) Oxidized Rhi	izospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
	Reduced Iron (C4) Stunted or Stressed Plants (D1)
· ·	Reduction in Tilled Soils (C6)
Iron Deposits (B5) Thin Muck St	<del></del> · · · ,
Inundation Visible on Aerial Imagery (B7) Other (Expla Sparsely Vegetated Concave Surface (B8)	ain in Remarks)   Microtopographic Relief (D4)  FAC Neutral Test (D5)
Field Observations:	<u>➤</u> FAC-Neutral Test (D5)
Surface Water Present? Yes No _x_ Depth (inche	ies): ~
Water Table Present? Yes No _X Depth (inche	· ·
Saturation Present? Yes No Depth (inche	· · · · · · · · · · · · · · · · · · ·
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial pho	
Describe Necorded Data (stream gauge, monitoring well, aenai pric	otos, previous inspections), ii available:
Remarks:	

Tree Stratum (Plot size: 301 )	Absolute Dominant Indicator % Cover Species? Status	Dominance Test worksheet:  Number of Dominant Species That Are OBL FACW or FAC:
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: 1000 (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 x 1 =
Sapling/Shrub Stratum (Plot size: 15° )		FACW species x 2 =
1		FAC species x 3 =
2.		FACU species x 4 =
		UPL species x 5 =
3		Column Totals: (A) (B)
5.		Prevalence Index = B/A =
6		Hydrophytic Vegetation Indicators:
7.		<u>メ</u> 1 - Rapid Test for Hydrophytic Vegetation
1	= Total Cover	2 - Dominance Test is >50%
Herb Stratum (Plot size:)	= Total 00001	3 - Prevalence Index is ≤3.0¹
1. Lythun Salicania	500% Y CBL	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
2. Eushamin graminifolia		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Bidens austria	30% Y FACW	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4. Jones effects	,	be present, unless disturbed or problematic.
5. Dosaus Incoration		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.
	<u> </u>	
Woody Vine Stratum (Plot size: 30')		
1		
2.		Hydrophytic Vegetation
3.		Present? Yes No
4.		
	= Total Cover	
Remarks: (Include photo numbers here or on a separate	sheet.)	1

Profile Description: (Describe to the	depth needed to document the indicator or confirm	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 vr 3/1 80		5; (L
10-2010V14/160		
10xx 3/1	10 yr 31, \$ K) C m	
		·
Type: C=Concentration, D=Depletion, I Hydric Soil Indicators:	RM=Reduced Matrix, MS=Masked Sand Grains.	<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) Hydrogen Sulfide (A4)	Thin Dark Surface (S9) (LRR R, MLRA 149B) Loamy Mucky Mineral (F1) (LRR K, L)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 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 1	49B)	Other (Explain in Remarks)
<sup>3</sup> Indicators of hydrophytic vegetation and	wetland hydrology must be present, unless disturbed	or problematic.
Restrictive Layer (if observed):		
1900	_	Madda Oall Broad Was a C. No.
Depth (inches): N//X Remarks:		Hydric Soll Present? Yes No No
· · · · · · · · · · · · · · · · · · ·		
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WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region City/County: Wingson Sampling Date: 8//4/19
State: NY Sampling Point: DP- 6944 Project/Site: NG Batavia-Lockport Article VII Applicant/Owner: National Grid Investigator(s): Jimmy Tuland Section, Township, Range: Town of Rayellan Subregion (LRR or MLRA): <u>LRR-L</u> Lat: <u>43.146477</u> Long: <u>~78.614672</u> Datum: NAD '83 Soil Map Unit Name: Ox A- Oxid 5:11 Learn , 0 to 2 purcunt stors NWI classification: Not classific 1 Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) (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: 4/L-015 Wetland Hydrology Present? Remarks: (Explain alternative procedures here or in a separate report.) PEA, Daluport & welland 015 **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) \_\_\_ Dry-Season Water Table (C2) Saturation (A3) Marl Deposits (B15) 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) Stunted or Stressed Flame

X 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: Yes \_\_\_\_ No X Depth (inches): ~ Surface Water Present? Yes \_\_\_\_\_ No \_\_Y Depth (inches): ~ Water Table Present? Yes \_\_\_\_\_ No \_ 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: 300)		Dominant		Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1				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				That Are OBL, FACW, or FAC:(OOO (A/B)
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
	_			
	<u>e</u>	= Total Cov	er	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15' )				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				2 - Dominance Test is >50%
•	Ø	= Total Cov	er	1.7
		-		3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size:)				4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1. Typha angustiklin	50%	у	CBL	data in Remarks or on a separate sheet)
C)	Jack.	y	<b>FAC</b>	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
2. Enthance graminifilia	30.0			
3. Bidens anstoca	25%	У	FACW	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
				be present, unless disturbed or problematic.
4				
5			·	Definitions of Vegetation Strata:
1				Tree – Woody plants 3 in. (7.6 cm) or more in diameter
6				at breast height (DBH), regardless of height.
7				at breast neight (DDIT), 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				
40				Herb - All herbaceous (non-woody) plants, regardless of
10				size, and woody plants less than 3.28 ft tall.
11				A
12				Woody vines – All woody vines greater than 3.28 ft in
12	<del></del> ;			height.
	1056	<u>′</u> = Total Cov	er/	
Woody Vine Stratum (Plot size: 30)				
woody vine Stratum (Plot size:)				
1				
				Hydrophytic
2				Vegetation
3				Present? Yes No
4				
	ø_	_ = Total Cov	/er	
Remarks: (Include photo numbers here or on a separate	sheet.)			
Tromanor (molado prioto namboro nel o cristiano				
1				

Profile Des	cription: (Describe to	the dep	th needed to docu	ment the i	ndicator	or confirm	the absence	of indicate	ors.)	
Depth	Matrix		Redo	x Feature:	<u>s</u> .					
(inches)	Color (moist)	<u>%</u>	Color (moist)		Type <sup>1</sup>	Loc <sup>2</sup>	<u>Texture</u>		Remarks	<del> </del>
0-2C	)_10VC71	60	5 xr 5/8	40	(.	M				
Athurti			<del>-</del>	<del>-,</del>						
, ASSARATINE								•		
	•									
									· · · · · · · · · · · · · · · · · · ·	
1										
										<del> </del>
¹Type: C=C	oncentration, D=Depleti	on. RM=	Reduced Matrix M	======================================	Sand Gra	aine	<sup>2</sup> i ocation	· PI =Pore	Lining, M=Matr	iv
Hydric Soil	Indicators:	011, 1111	reduced matrix, m	3_141@3NOG	Ourid Ore	aii 13.	Indicators	for Problem	matic Hydric S	ioile <sup>3</sup> .
Histosol			Polyvalue Belov	v Surface i	(S8) (I <b>R</b> E	D D			LRR K, L, MLI	
	pipedon (A2)	•	MLRA 149B		(00) (EIXI	<b>.</b> 14,			ox (A16) (LRR	
	istic (A3)		Thin Dark Surfa		RR R. MI	RA 149R)			or Peat (S3) (L	
	en Sulfide (A4)		Loamy Mucky N						(LRR K, L, M)	
	d Layers (A5)		Loamy Gleyed			, –,			jurface (S8) (LI	
	d Below Dark Surface (A	A11)	Depleted Matrix						(S9) (LRR K, I	
Thick Da	ark Surface (A12)		Redox Dark Su						lasses (F12) (L	
Sandy M	lucky Mineral (S1)		Depleted Dark	Surface (F	7)				in Soils (F19)	
	Bleyed Matrix (S4)		Redox Depress	ions (F8)					6) (MLRA 144A	
	ledox (S5)						Red Pa	arent Materi	al (F21)	·
	Matrix (S6)						Very S	hallow Dark	Surface (TF12	2)
Dark Su	rface (S7) ( <b>LRR R, MLR</b>	RA 149B	)				Other (	Explain in F	Remarks)	
3										
Indicators of	f hydrophytic vegetation	and wet	lland hydrology mus	t be prese	nt, unless	disturbed of	or problematic			
	_ayer (if observed):									
Туре:	N14	·								
Depth (inc	ches): MN						Hydric Soil	Present?	Yes 🗡	No
Remarks:							<u> </u>			
							•			
				•						
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									•	

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII City/County: 12 City/County: Sampling Date: 8/14/19 Applicant/Owner: National Grid Applicant/Owner: National Grid

Investigator(s):

State: NY Sampling Point: DP- (345)

Section, Township, Range: Town of Payalka Landform (hillslope, terrace, etc.): As field Local relief (concave, convex, none): None (%): 3 % Soil Map Unit Name: OdA - Odessa 3: My day logn, 6 to 3 percent shops NWI classification: Not classification Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_ X No \_\_\_\_\_ (If no, explain in Remarks.) Are Vegetation  $\underline{\mathcal{N}}$ , Soil  $\underline{\mathcal{N}}$ , or Hydrology  $\underline{\mathcal{N}}$  significantly disturbed? Are Vegetation  $\underline{\mathcal{N}}$ , Soil  $\underline{\mathcal{N}}$ , or Hydrology  $\underline{\mathcal{N}}$  naturally problematic? Are "Normal Circumstances" present? Yes \_\_\_\_ No\_\_ (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Is the Sampled Area Hydric Soil Present? 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.) beland Dulapoint for hoter with-1015 **HYDROLOGY** Wetland Hydrology Indicators: Secondary Indicators (minimum of two required) Primary Indicators (minimum of one is required; check all that apply) Surface Soil Cracks (B6) \_\_\_ Surface Water (A1) \_\_\_ Water-Stained Leaves (B9) \_\_\_ Drainage Patterns (B10) High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) Saturation (A3) \_\_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) Water Marks (B1) \_\_\_ Hydrogen Sulfide Odor (C1) Crayfish Burrows (C8) Sediment Deposits (B2) \_\_\_ Oxidized Rhizospheres on Living Roots (C3) \_\_\_ Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) Presence of Reduced Iron (C4) \_\_ Stunted or Stressed Plants (D1) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Geomorphic Position (D2) Iron Deposits (B5) \_\_\_ Thin Muck Surface (C7) Shallow Aquitard (D3) \_\_\_ Inundation Visible on Aerial Imagery (B7) \_\_ Other (Explain in Remarks) \_\_\_ Microtopographic Relief (D4) Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes \_\_\_\_ No X Depth (inches): -Yes No Depth (inches): ~ Water Table Present? Saturation Present? Wetland Hydrology Present? Yes \_\_\_\_\_ No \_\_\_\_\_ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

AEGE IMITON - 036 3010111110 114111100 01 branch		
Tree Stratum (Plot size:3c^*)	Absolute Dominant Indicator % Cover Species? Status	Dominance Test worksheet:
<del></del>		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
5		That Are OBL, FACW, or FAC: (A/B)
6.		Prevalence Index worksheet:
7		Total % Cover of: Multiply by:
	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 151 )		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		Hydrophytic Vegetation Indicators:
6		1 - Rapid Test for Hydrophytic Vegetation
7	= Total Cover	2 - Dominance Test is >50%
_	= Total Cover	3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size:	1006 Y FACU	4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
2		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
		<sup>1</sup> Indicators of hydric soil and wetland hydrology must
3		be present, unless disturbed or problematic.
4		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		
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.
	= Total Cover	
Woody Vine Stratum (Plot size: 3/16/		
1.		_
		Hydrophytic Vegetation
		Vegetation Present? Yes No
3		
4	= Total Cover	-
Describe (balled abote symbols have or on a const		
Remarks: (Include photo numbers here or on a separa	ale 311661.)	
	•	
1		

Sampling Point: DP- 0 45

Profile Des	cription: (Describe	to the dep	oth needed to docu	ment the indicator	or confirm	n the absence of indic	ators.)
Depth	Matrix			ox Features			
(inches)	Color (moist)		Color (moist)	% Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks
12-11	10 yr 3/2	100				( 1-	
11-20	1045 3/2	70	10 vc 5/6	30		<u></u>	
1	1041 1C	70	10 hr 10	· <del>20</del> —		<u> </u>	
<u> </u>					· · · · · · · ·		
<del></del>				· ——			
l ———							
<del></del>							
			·		<del></del>		
		· .					
<sup>1</sup> Type: C=Co	ncentration, D=Depl	etion, RM=	Reduced Matrix, M	S=Masked Sand Gr	ains.	²Location: PL=Po	re Lining, M=Matrix.
Hydric Soil I	ndicators:				***	Indicators for Prob	lematic Hydric Solls <sup>3</sup> :
Histosol			Polyvalue Belo	w Surface (S8) (LRF	R,		) (LRR K, L, MLRA 149B)
Histic Ep	ipedon (A2)		MLRA 149B	)	•	Coast Prairie Re	edox (A16) (LRR K, L, R)
Black His			Thin Dark Surfa	ice (S9) ( <b>LRR R, Mi</b>	RA 149B)	5 cm Mucky Pe	at or Peat (S3) (LRR K, L, R)
	n Sulfide (A4)		Loamy Mucky N	Mineral (F1) (LRR K	, L)	Dark Surface (S	57) (LRR K, L, M)
	Layers (A5) Below Dark Surface		Loamy Gleyed			Polyvalue Belov	v Surface (S8) (LRR K, L)
	rk Surface (A12)	(A11)	Depleted Matrix			Thin Dark Surfa	ce (S9) (LRR K, L)
	ucky Mineral (S1)	•	Redox Dark Su Depleted Dark \$			Iron-Manganese	Masses (F12) (LRR K, L, R)
	eyed Matrix (S4)	-	Redox Depress				plain Soils (F19) (MLRA 149B)
Sandy Re		•	redox Bopiess	iona (i o)		Red Parent Mate	A6) (MLRA 144A, 145, 149B)
Stripped	Matrix (S6)						eriai (F21) ark Surface (TF12)
Dark Surf	ace (S7) ( <b>LRR R, M</b> I	RA 149B	)			Other (Explain in	
							, remainey
Indicators of	hydrophytic vegetatio	n and wet	land hydrology mus	t be present, unless	disturbed (	or problematic.	
Restrictive L	ayer (if observed):		-				· · · · · · · · · · · · · · · · · · ·
Туре:	NA					•	
Depth (incl	nes): N/K					Hydric Soil Present?	Yes No
Remarks:							
							T.
				·			

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII City/County: Winson County Sampling Date: Slisting Applicant/Owner: National Grid State: NY Sampling Point: DP-014 Investigator(s): Jimmy Inland Section, Township, Range: Town of Rayalka Landform (hillslope, terrace, etc.): 1) Local relief (concave, convex, none): Concerc Slope (%): 2 % Subregion (LRR or MLRA): <u>LRR-L</u> Lat: <u>43.146.492</u> Long: <u>~78.667.541</u> Datum: NAD '83 Soil Map Unit Name: Le - Lakement 5: /ty clay lean - On 3 percent slipes NWI classification: Net class: Ged 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. Hydrophytic Vegetation Present? is the Sampled Area Yes X No Hydric Soil Present? within a Wetland? Yes \_\_\_\_\_ No Wetland Hydrology Present? Yes \_\_X No If yes, optional Wetland Site ID: WL -off Remarks: (Explain alternative procedures here or in a separate report.) ASS, Dala Point For Webland OK **HYDROLOGY** Wetland Hydrology Indicators: Secondary Indicators (minimum of two required) Primary Indicators (minimum of one is required; check all that apply) \_\_\_ Surface Soil Cracks (B6) Surface Water (A1) \_\_\_ Water-Stained Leaves (B9) \_\_\_ Drainage Patterns (B10) \_\_\_ High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) Saturation (A3) \_\_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) Water Marks (B1) \_\_\_ Hydrogen Sulfide Odor (C1) \_\_ Crayfish Burrows (C8) Sediment Deposits (B2) \_\_\_ Oxidized Rhizospheres on Living Roots (C3) \_\_\_ Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) 🗡 Geomorphic Position (D2) \_\_\_ Iron Deposits (B5) \_\_\_ Thin Muck Surface (C7) Shallow Aquitard (D3) \_\_\_ Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) <u>\*\* Microtopographic Relief (D4)</u> Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes \_\_\_\_ No \* Depth (inches): ~ Water Table Present? Yes \_\_\_\_ No \_> Depth (inches): ~ Saturation Present? Yes \_\_\_\_ No \_ Depth (inches): Wetland Hydrology Present? Yes \_\_\_\_\_ No \_\_ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

Sampling Point: DP- 0 44 **VEGETATION** – Use scientific names of plants. Absolute Dominant Indicator **Dominance Test worksheet:** Tree Stratum (Plot size: \_\_\_\_\_\_) % Cover Species? Status **Number of Dominant Species** That Are OBL, FACW, or FAC: **Total Number of Dominant** Species Across All Strata: (B) Percent of Dominant Species \_ (A/B) That Are OBL, FACW, or FAC: Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species \_\_\_\_\_ x 1 = \_\_\_\_\_ FACW species \_\_\_\_ x 2 = \_\_\_\_ \_\_\_\_\_\_\_ = Total Cover Sapling/Shrub Stratum (Plot size: 15') FAC species \_\_\_\_\_ x 3 = \_\_\_ 1. Comus racemena FACU species \_\_\_\_\_ x 4 = \_\_\_\_ 2. Lonicia morrowii 1500 UPL species \_\_\_\_\_ x 5 = \_\_\_\_\_ Column Totals: \_\_\_\_\_ (A) \_\_\_\_ (B) Prevalence Index = B/A = Hydrophytic Vegetation Indicators: 👱 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 90% = Total Cover \_\_\_ 3 - Prevalence Index is ≤3.01 \_\_\_ 4 - Morphological Adaptations<sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) 1. Lythrum salicaria 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 = Total Cover کی Woody Vine Stratum (Plot size: 3c/) Hydrophytic Vegetation Yes X No \_\_\_\_ Present? = Total Cover Remarks: (Include photo numbers here or on a separate sheet.)

Sampling Point: DP- 046

Profile Description: (Describe to the d	epth needed to document the indicator or confirm	n the absence of indicators.)
DepthMatrix	Redox Features	•
(inches) Color (moist) %	Color (moist) % Type <sup>1</sup> Loc <sup>2</sup>	Texture Remarks
0-4 10vr3/1 90	7.5 yr 3/8 10 C P/	CL
9-2010404/120	5/2	7
1-20-10 yr 11-10	TIS Yras 30 C M	
	<del></del>	
<sup>1</sup> Type: C=Concentration, D=Depletion, R	M=Reduced Matrix, MS=Masked Sand Grains.	<sup>2</sup> Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators:	The state of the s	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)
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	JB)	Other (Explain in Remarks)
3Indicators of hydrophytic vocatation and	well-mad broductors account to a constant of the transfer of the state	
Restrictive Layer (if observed):	vetland hydrology must be present, unless disturbed	or problematic.
· 14		
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-	
Depth (inches):	<u>-</u>	Hydrlc Soil Present? Yes No
Remarks:		
		4
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WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII Applicant/Owner: National Grid State: NY Sampling Point: DP-64 7 Investigator(s): Jimmy Inland Section, Township, Range: Town of Royalles Landform (hillslope, terrace, etc.): \_\_\_\_\_\_\_\_\_\_ Local relief (concave, convex, none): Wine Slope (%): / 1/0 Subregion (LRR or MLRA): <u>LΩΩ-L</u> Lat: <u>43.146.364</u> Long: <u>-78.6656.23</u> Datum: NAD '83 Soil Map Unit Name: Le - Lokement Siling clay lown , G to 3 percent 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 N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes N No 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 X within a Wetland? Hydric Soil Present? Wetland Hydrology Present? No ⊁ Yes If yes, optional Wetland Site ID:\_\_\_ Remarks: (Explain alternative procedures here or in a separate report.) Updand Dam Pone for Vestind Och **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) High Water Table (A2) \_\_\_ Aquatic Fauna (B13): \_\_\_ Moss Trim Lines (B16) \_\_\_ Dry-Season Water Table (C2) Saturation (A3) \_\_\_ Marl Deposits (B15) Water Marks (B1) \_\_\_ Hydrogen Sulfide Odor (C1) \_\_\_ Crayfish Burrows (C8) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) \_\_\_ Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) \_\_ Presence of Reduced Iron (C4) \_\_\_ Stunted or Stressed Plants (D1) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Geomorphic Position (D2) \_\_ Iron Deposits (B5) \_\_ Thin Muck Surface (C7) Shallow Aquitard (D3) \_\_ Inundation Visible on Aerial Imagery (B7) \_\_\_ Other (Explain in Remarks) \_\_\_\_ Microtopographic Relief (D4) Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5) **Field Observations:** Surface Water Present? Yes \_\_\_\_ No \_x Depth (inches): Yes \_\_\_\_ No \_ T Depth (inches): ~ Water Table Present? Yes \_\_\_\_ No > Depth (inches): < Saturation Present? Wetland Hydrology Present? Yes \_\_\_\_\_ No \_\_\_\_\_ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

	A h = = 1 t	De!	t Indianter	
Tree Stratum (Plot size: 3c <sup>t</sup> )	Absolute % Cover	Dominan Species?	nuicator Status	Dominance Test worksheet:
				Number of Dominant Species That Are OBL FACW or FAC
1				That Are OBL, FACW, or FAC:
2				Total Number of Dominant
3				Species Across All Strata: (B)
				Barrant of Daminant Species
4			<del></del>	Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
5			- <del></del>	(ND)
6				Prevalence Index worksheet:
7.				Total % Cover of: Multiply by:
		_ = Total Co	over	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15 <sup>(</sup> )				FACW species x 2 =
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				Hudronhytia Vagatatian Indicators
6				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation
	Ø	= Total Co		2 - Dominance Test is >50%
11 to Obstant (Obst.) <1	<u> </u>		<del></del>	3 - Prevalence Index is ≤3.01
Herb Stratum (Plot size: 5')  1. Tr: folion prakase	1.006	У	_ FACU_	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
1 Ashara				Problematic Hydrophytic Vegetation¹ (Explain)
2. Ambrosia artemisi, Ela			_ <u>FACU</u>	
3. Phleum prontense	<u> 30°10</u>		_ FACV	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4. Daves Caroter			UPL	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				at breast neight (DDT), 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				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 height.
16.	, c>n1			neight.
	130%	_ = Total Co	over	
Woody Vine Stratum (Plot size: 30')				
1.				
				Hydrophytic
2				Vegetation Present? Yes X No
3				Present? Yes X No
4.				
	8	= Total Co	over	
Daniel Violente plate and bear		TOTAL CO	JV61	
Remarks: (Include photo numbers here or on a separate	sneet.)			
·				

Sampling Point: DP-647

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of Indicators.)  Depth Matrix Redox Features	
(inches) Color (moist) % Color (moist) % Type 1 Loc 2 Texture Remarks	
0-20 10yr3/2 90 10yr3/8 10 Cm C	
	··
	······································
	······································
<sup>1</sup> Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. <sup>2</sup> Location: PL=Pore Lining, M=Matrix, MS=Masked Sand Grains.	ıtrix.
Hydric Soil Indicators: Indicators for Problematic Hydric	
Histosol (A1) Polyvalue Below Surface (S8) (LRR R, 2 cm Muck (A10) (LRR K, L, M	
Godst Tallic Nedox (A to) (Ex	
Continuony Feat (35)	LRR K, L, R)
Dank Sundoc (Sr) (Elekt N, E, II	
· oryvalue below duriace (co) (	
Sandy Mucky Mineral (S1)  Depleted Dark Surface (F7)  Piedmont Floodplain Soils (F19)	
Sandy Gleyed Matrix (S4)  Redox Depressions (F8)  Mesic Spodic (TA6) (MLRA 144)	IA, 145, 149B)
Sandy Redox (S5) Red Parent Material (F21)	
Stripped Matrix (S6) Very Shallow Dark Surface (TF	12)
Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks)	•
<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.	
Restrictive Layer (if observed):	
Type:	
Depth (inches): N/A Hydric Soil Present? Ves	
Remarks: Hydric Soil Present? Yes	. No
remarks:	

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII City/County: Wasara Sampling Date: 8/15/19 Applicant/Owner: National Grid State: NY \_\_\_\_ Sampling Point: DP-04 \$ Landform (hillslope, terrace, etc.): Deasser Local relief (concave, convex, none): Censeure

Subregion (LRR or MLRA): LRR-L Lat: 43, 140047 Long: ~75.605651 Datum: NAD '83 Soil Map Unit Name: Le- Lakement 5: by they lown - 0 to 3 percent styres 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 significantly disturbed? Are "Normal Circumstances" present? Yes N No\_ SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Is the Sampled Area within a Wetland? Hydric Soil Present? γ No Wetland Hydrology Present? Yes No If yes, optional Wetland Site ID: Wetland OIC Remarks: (Explain alternative procedures here or in a separate report.) PEA dalapour for Welland Olle **HYDROLOGY** Wetland Hydrology Indicators: Secondary Indicators (minimum of two required) Primary Indicators (minimum of one is required; check all that apply) Surface Soil Cracks (B6) Surface Water (A1) \_\_\_ Water-Stained Leaves (B9) \_\_\_ Drainage Patterns (B10) High Water Table (A2) \_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) Saturation (A3) \_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) Water Marks (B1) \_\_\_ Hydrogen Sulfide Odor (C1) \_\_\_ Crayfish Burrows (C8) Sediment Deposits (B2) \_\_\_ Oxidized Rhizospheres on Living Roots (C3) \_\_\_ Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) 🔀 Geomorphic Position (D2) \_\_ Iron Deposits (B5) \_\_ Thin Muck Surface (C7) Shallow Aquitard (D3) Inundation Visible on Aerial Imagery (B7) \_\_ Other (Explain in Remarks) Microtopographic Relief (D4) Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5) **Field Observations:** Surface Water Present? Yes \_\_\_\_ No \_ L Depth (inches): -Water Table Present? Yes \_\_\_ No \_\_Y Depth (inches): ~ Saturation Present? Yes \_\_\_\_ No \_ <del>y</del> Depth (inches): ~ Wetland Hydrology Present? Yes \_\_\_\_ No \_\_ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

VEGETATION – Use scientific names of plan	TATION - Use scientific names of plant
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VEGETATION - Ose solcitulo hamos of plants	·	
24	Absolute Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30')	% Cover Species? Status	Number of Dominant Species  That Are OBL FACW or FAC:  (A)
1,		That Are OBL, FACW, or FAC: (A)
2.		Total Number of Dominant
		Total Number of Dominant Species Across All Strata:  (B)
3		
4		Percent of Dominant Species That Are OBL, FACW, or FAC:
5		That Are OBL, FACW, OF FAC.
6		Prevalence Index worksheet:
<del>-</del>		Total % Cover of: Multiply by:
7	_	
	= Total Cover	OBL species x 1 =
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		Hydrophytic Vegetation Indicators:
6		
7	, <u> </u>	1 - Rapid Test for Hydrophytic Vegetation
		2 - Dominance Test is >50%
		3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size: 51)	40% Y FACU	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
2. Euthamin gaminifilm	3006 Y FAC	
3. Lytham saliencia	add y OBL	¹Indicators of hydric soil and wetland hydrology must
		be present, unless disturbed or problematic.
		Definitions of Vegetation Strata:
5		- 14 to all the (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.
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.		www. Northern All manadarstimes greater than 3.28 ft in
		Woody vines – All woody vines greater than 3.28 ft in height.
12	and Table	noight.
	90% = Total Cover	
Woody Vine Stratum (Plot size:)		
1.		
		Hydrophytic
2		Vegetation Present? Yes X No
3		1163CHU 163_/ 163
4		.
Remarks: (Include photo numbers here or on a separat		
Remarks. (include prioto numbers nere or on a separat	<del></del>	
1		

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth Matrix (inches) Color (moist) %	Redox F	eatures % Type <sup>1</sup>	_Loc²_	Texture	Remarks			
0-12 10 153/1 80	7.5 Y ( 5/8)	20 C	<i>m</i>	L C	INGINA .			
12-20 lour 4/1 70	7. <1005/6 3	0 C	m					
10 10 10 10 10 10 10 10 10 10 10 10 10 1	10 vc3/1 1	() G	M					
	107.97.	<u> </u>						
	10	<u></u>		<del></del> -	****			
			•					
		<del></del>						
				<del></del>				
			<del></del>					
			<del></del>	<del></del>				
1Type: C=Concentration D=Depletion DB		Applied Sand Co-	<u> </u>	21 anations DI	-Dave Lieben Mahletele			
<sup>1</sup> Type: C=Concentration, D=Depletion, RM Hydric Soil Indicators:	=Reduced Matrix, MS=N	viasked Sand Gra	uns.	Indicators for I	=Pore Lining, M=Matrix.  Problematic Hydric Solls <sup>3</sup> :			
Histosoi (A1)	Polyvalue Below S	urface (S8) (LRR	R,		(A10) (LRR K, L, MLRA 149B)			
Histic Epipedon (A2) Black Histic (A3)	MLRA 149B) Thin Dark Surface	(S9) (LRR R. ML	RA 149B)		ie Redox (A16) ( <b>LRR K, L, R</b> ) y Peat or Peat (S3) ( <b>LRR K, L, R</b> )			
Hydrogen Sulfide (A4)	Loamy Mucky Mine	eral (F1) ( <b>LRR K,</b>		Dark Surfac	ce (S7) (LRR K, L, M)			
Stratified Layers (A5) Depleted Below Dark Surface (A11)	Loamy Gleyed Mat				Selow Surface (S8) (LRR K, L) Surface (S9) (LRR K, L)			
Thick Dark Surface (A12)	X Redox Dark Surfac	ce (F6)		Iron-Manganese Masses (F12) (LRR K, L, R)				
Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4)	Depleted Dark Surface Redox Depressions			Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B)				
Sandy Redox (S5)	Nodox Deprocoloni	J (1 J)		Red Parent Material (F21)				
Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149	D)			Very Shallow Dark Surface (TF12) Other (Explain in Remarks)				
Dark Sulface (S7) (ERK K, MEKA 149	<b>D)</b>		•	Other (Exp	ain in Remarks)			
<sup>3</sup> Indicators of hydrophytic vegetation and w	etland hydrology must be	e present, unless	disturbed	or problematic.				
Restrictive Layer (If observed):  Type:   N()								
Depth (inches): N/\(\hat{\lambda}\)				Hydric Soil Pres	sent? Yes X No			
Remarks:				<u>                                 </u>				
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## WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

	County: 1/2012 Sampling Date: 5/15/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP- C/S /
Investigator(s):	on, Township, Range: Town of Roya/lon
	ief (concave, convex, none): <u>Concoure</u> Slope (%): 3%
Subregion (LRR or MLRA): LRP.L Lat: 43. 140201	
	•
Soil Map Unit Name: OdA - Odessa Sily clay lang, Oro 3 per	•
Are climatic / hydrologic conditions on the site typical for this time of year? Y	
Are Vegetation, Soil, or Hydrology significantly distur	• • • • • • • • • • • • • • • • • • • •
Are Vegetation	atic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing san	apling 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>X</u> No
Wetland Hydrology Present? Yes X No	If yes, optional Wetland Site ID: WC-017
Remarks: (Explain alternative procedures here or in a separate report.)	
PEM, Dala Point for Welland 017	$\Lambda_1$
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	s (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 Od	· · · · · · · · · · · · · · · · · · ·
	es on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduced	• • • • • • • • • • • • • • • • • • • •
Algal Mat or Crust (B4) Recent Iron Reductio	· · · — · · · · · · · · · · · · · · · ·
Iron Deposits (B5) Thin Muck Surface (C	<u></u>
Inundation Visible on Aerial Imagery (B7) Other (Explain in Ren	
Sparsely Vegetated Concave Surface (B8) Field Observations:	★ FAC-Neutral Test (D5)
Surface Water Present? Yes No Y Depth (inches):	
Water Table Present? Yes No Depth (inches):	·
Saturation Present? Yes No _7 Depth (inches):	Wetland Hydrology Present? Yes No
(includes capillary fringe)	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre	vious inspections), if available:
	•
Remarks:	
	·
	,

VEGETATION - Ose scientific flames of plants.			
0.4		Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30' )	% Cover	Species? Status	N 1 10 1 10 11
1			That Are OBL, FACW, or FAC:(A)
			marke obe, rhow, or tho.
2			Total Number of Dominant
3			Species Across All Strata: (B)
		•	1
4		<del></del>	Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
5			That Are OBL, FACW, or FAC: 100% (A/B)
6			Prevalence index worksheet:
7			Total % Cover of: Multiply by:
	Ô	= Total Cover	OBL species x 1 =
.el		- 10101 00101	· ·
Sapling/Shrub Stratum (Plot size: 151 )			FACW species x 2 =
1			FAC species x 3 =
			FACU species x 4 =
2		<del></del>	UPL species x 5 =
3			
			Column Totals: (A) (B)
4			Description of Index on B/A =
5			Prevalence Index = B/A =
6			Hydrophytic Vegetation Indicators:
6			<u>★</u> 1 - Rapid Test for Hydrophytic Vegetation
7			<u> </u>
	Œ	= Total Cover	文 2 - Dominance Test is >50%
A .			3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size:)			4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1. Experien perfoliation	<u>40%</u>	Y FACW	data in Remarks or on a separate sheet)
	30%	y col	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
2. Lythum salitaria	<u> </u>	7 0110	1 Tobiotilatio (Tydrophytio Togotation (Explain)
3. Eithania gramini folia	25%	TAC	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4. Junes effices			be present, unless disturbed or problematic.
· ·			D-St-Man - SV-matellan Strate:
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.
			Size, and woody plants loss than 5.20 it will
11			Woody vines - All woody vines greater than 3.28 ft in
12			height.
	unole	= Total Cover	
Woody Vine Stratum (Plot size: 30')			
Woody Vine Stratum (Plot size:)			
l 1.			
	<del>,,,,, , , , , , , , , , , , , , , , , </del>		Hydrophytic
Z	-		Vegetation
3			Present? Yes X No
4			
	_Ø	= Total Cover	
Remarks: (Include photo numbers here or on a separate	sheet.)		
, ,	•		
·			
			•
1			

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth Matrix		x Features			·			
(inches) Color (moist) %	Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup>	Texture Remarks	·		
0-11 104R3/1 75	7.5 1R 518	25-16	<u> </u>	<u>M</u>	lc			
11-20 107841, 70%	75 YR 518	3006	C	Λ	tC			
1Type: C=Concentration, D=Depletion, RI Hydric Soil Indicators:  Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 148)	M=Reduced Matrix, Machine MLRA 149B Thin Dark Surfa Loamy Mucky N Loamy Gleyed Depleted Matrix Redox Dark Su Depleted Dark Su Redox Depress	S=Masked S w Surface (S) ace (S9) (LF Mineral (F1) Matrix (F2) c (F3) rface (F6) Surface (F7	Sand Gra	R, RA 149B)	<sup>2</sup> Location: PL=Pore Lining, M=Matrix. Indicators for Problematic Hydric Soll.  2 cm Muck (A10) (LRR K, L, MLRA Coast Prairie Redox (A16) (LRR K, L, 5 cm Mucky Peat or Peat (S3) (LRR Dark Surface (S7) (LRR K, L, M) Polyvalue Below Surface (S8) (LRR Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRF Piedmont Floodplain Soils (F19) (ML Mesic Spodic (TA6) (MLRA 144A, 1 Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)	149B) L, R) K, L, R) K, L) R K, L, R) .RA 149B)		
31mdiantam of hudrouk, the constation and								
<sup>3</sup> Indicators of hydrophytic vegetation and v	etland hydrology mus	t be presen	it, unless	disturbed of	or problematic.			
Restrictive Layer (if observed):								
Type: <u>\(\lambda\)</u>	-							
Depth (inches):	-				Hydric Soll Present? Yes X	°		
Remarks:								

WEILAND DEIERMINA	ION DATA FORM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII	City/County: Wingare State: NY Sampling Point: DP-115
Applicant/Owner: National Grid	State: NY Sampling Point: DP- υ ろ み
Investigator(s): James Ireland	Section, Township, Range: Town of Reyolfin
	Local relief (concave, convex, none): Slope (%):_ / ^L
	43.140309 Long: -7δ. S99024 Datum: NAD '83
	NWI classification: Note Cassific 1
•	this time of year? Yes No (If no, explain in Remarks.)
Are Vegetation $N$ , Soil $N$ , or Hydrology $N$	
Are Vegetation $N$ , Soil $N$ , or Hydrology $N$	, · · · <del>-, - · · · · · · · · · · · · · · · ·</del>
	ap showing sampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present?  Yes Yes Yes	No within a Wetland? Yes No X
Remarks: (Explain alternative procedures here or in a	ii yoo, opiionai voolaina olio ib.
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) V	Vater-Stained Leaves (B9) Drainage Patterns (B10)
	quatic Fauna (B13) Moss Trim Lines (B16)
	farl Deposits (B15) Dry-Season Water Table (C2)
· ·	lydrogen Sulfide Odor (C1) Crayfish Burrows (C8)  Dixidized Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
	resence of Reduced Iron (C4)  Stunted or Stressed Plants (D1)
<del></del>	tecent Iron Reduction in Tilled Soils (C6) Geomorphic Position (D2)
-	hin Muck Surface (C7) Shallow Aquitard (D3)
	Other (Explain in Remarks) Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	Double Control
Surface Water Present?  Yes No I  Water Table Present?  Yes No I	Depth (inches):
Saturation Present? Yes No [	
(includes capillary fringe)	
Describe Recorded Data (stream gauge, monitoring we	II, aerial photos, previous inspections), if available:
,	
Remarks:	
	·

VEGETATION - Ose scientific flames of plants.				Camping Forte:
_ 1	Absolute	Dominant		Dominance Test worksheet:
Tree Stratum (Plot size: 30')	% Cover	Species?	<u>Status</u>	Number of Dominant Species
1				That Are OBL, FACW, or FAC:O(A)
2				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:
5				
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
		= Total Cov		OBL species x 1 =
	<del></del>	- Total Cov	Ci	
Sapling/Shrub Stratum (Plot size: /51 )				FACW species x 2 =
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:
7.				1 - Rapid Test for Hydrophytic Vegetation
		= Total Cov		2 - Dominance Test is >50%
	<u> </u>	- Total Cov	CI	3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size:)				4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1. Lolim perence	60%	<u> </u>	<u>FACU</u>	data in Remarks or on a separate sheet)
2. Trifolium regens	40.0%	У	FACE	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
Z. TELFERISM CEREAS	/	-/-		
3. Taraxeous officionles	1590		<u> †Atu</u>	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
4				be present, unless disturbed of 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			<del></del>	at breast fleight (DBH), regardless of fleight.
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		<del></del>		height.
	115%	= Total Cov	er	
Woody Vine Stratum (Plot size: 36')				
1			<del></del>	Hydrophytic
2				Vegetation
3.				Present? Yes No
0				
4				· ·
	<u>Ø</u>	= Total Cov	er er	
Remarks: (Include photo numbers here or on a separate	sheet.)			
, tomano (modeo prote name of the second separate				
				•

	ription: (Describe	to the dept				or confirm	the absence of i	ndicators.)
Depth (inches)	Matrix Color (moist)	<del>~</del> %	Redo Color (moist)	ox Features %	Type <sup>1</sup>	_Loc²	Texture	Remarks
<u> </u>	10-12-312	85%	IOTRSIV	15010	С	M		
			10 110-18	<u> </u>				· · · · · · · · · · · · · · · · · · ·
						<del></del>		
		<del></del> .						
·			····					
•								
		·						
		\	-	<u></u>				
-								
							<del></del>	
	oncentration, D=Depl	letion, RM≃	Reduced Matrix, M	S=Masked	Sand Gra	ins.		_=Pore Lining, M=Matrix.
Hydric Soil I			Dobareko Bolo	u Curfoso i	'CO\ /I DE	. B		Problematic Hydric Soils <sup>3</sup> :
Histosol	(A1) pipedon (A2)	-	Polyvalue Belo MLRA 149B		58) (LKH	к к,		(A10) ( <b>LRR K, L, MLRA 149B)</b> rie Redox (A16) ( <b>LRR K, L, R</b> )
Black His	stic (A3)	-	Thin Dark Surfa	•	RR R, ML	.RA 149B)		sy Peat or Peat (S3) (LRR K, L, R)
	n Sulfide (A4)	-	Loamy Mucky I			L)		ice (S7) (LRR K, L, M)
	l Layers (A5) I Below Dark Surface	- (011)	Loamy Gleyed Depleted Matri:					Below Surface (S8) (LRR K, L)
	irk Surface (A12)	- (^11)	Depleted Math Redox Dark Su					Surface (S9) (LRR K, L) anese Masses (F12) (LRR K, L, R)
	lucky Mineral (S1)	_	Depleted Dark		7)			Floodplain Soils (F19) (MLRA 149B)
	leyed Matrix (S4)	-	Redox Depress	sions (F8)				dic (TA6) (MLRA 144A, 145, 149B)
	edox (S5) Matrix (S6)							it Material (F21) ow Dark Surface (TF12)
	face (S7) (LRR R, M	ILRA 149B	)					plain in Remarks)
	hydrophytic vegetat		iand nydrology mus	st be presei	nt, unless	disturbed	or problematic.	
Type:	A/1/A							
Depth (inc	thes):NIK						Hydric Soil Pre	sent? Yes X No
Remarks:							<u> </u>	
,								

## WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: NG Batavia-Lockport Article VII City/	County: Niagaren Sampling Date: 6/15/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP-057
Investigator(s): James Ireland Section	
Landform (hillslope, terrace, etc.): Terrace Local re	
Subregion (LRR or MLRA): LRQ-L Lat: 43.146.28	
Soil Map Unit Name: Odd- Odessa 5:14 chy lam - O w 3 percent	,
Are climatic / hydrologic conditions on the site typical for this time of year?	YesX No (If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology significantly distu	urbed? Are "Normal Circumstances" present? Yes 🔀 No
Are Vegetation $ \underbrace{\mathcal{N}}_{}$ , Soil $ \underbrace{\mathcal{N}}_{}$ , or Hydrology $ \underbrace{\mathcal{N}}_{}$ naturally problem	natic? (If needed, explain any answers in Remarks.)
	mpling point locations, transects, important features, etc.
Livelendratio Venetation Descrito	Is the Sampled Area
Hydrophytic Vegetation Present? Yes No ½ Hydric Soil Present? Yes No ¾	within a Wetland? Yes No 🗡
Wetland Hydrology Present?	
Remarks: (Explain alternative procedures here or in a separate report.)	If yes, optional Wetland Site ID:
Upland Data Poinc E, Weelend 018	
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)	· ,
Saturation (A3) Marl Deposits (B15) Water Marks (B1) Hydrogen Sulfide Od	
	dor (C1) Crayfish Burrows (C8) res on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduce	• • • • •
Algal Mat or Crust (B4) Recent Iron Reduction	. ,
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 No Y Depth (inches): (includes capillary fringe)	Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre	evious inspections), if available:
Remarks:	
<b>l</b>	

	•			
201	Absolute		Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1				That Are OBL, FACW, or FAC: $\mathcal{O}$ (A)
2				T ( I N ) (Denote out
				Total Number of Dominant Species Across All Strata:  (B)
3				openies / torous / tir otrata.
4				Percent of Dominant Species That Are OBL, FACW, or FAC:  (A/B)
5				That Are OBL, FACW, or FAC: (A/B)
6.				Prevalence Index worksheet:
				1 Totalonoo maak waskanaa
7				
	<u></u>	= Total Co	ver	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				· ·
				Prevalence Index = B/A =
5				Hadronkudia Manatalian Indiantara
6				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation
		= Total Co		2 - Dominance Test is >50%
N. J. Ol. J (Dist. street				3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size:)	,	٠.	~	4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1. Latium percone	<u>80%</u>	<u> </u>	Acv	data in Remarks or on a separate sheet)
2. Titalium repens	40%	<u> </u>	- FACU_	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3				<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
				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.
				Size, and woody plants less than 3.26 it tail.
				Woody vines – All woody vines greater than 3.28 ft in
12				height.
	120%	= Total Co	over	
Woody Vine Stratum (Plot size: 32')				
		1		
1				- Hydrophytic
2				Vegetation
				Present? Yes No _X
3.				1
3	· · · · · · · · · · · · · · · · · · ·			
3		= Total Co		-

Profile Desc	cription: (Describe	to the dep	th needed to docur	ment the i	indicator	or confir	m the absence	of indicators.)
Depth	Matrix			x Feature	<u>s</u> ,	•		
(inches)	Color (moist)	- %	Color (moist)	%	Type'	_Loc <sup>2</sup> _		Remarks
Q-8	10 yr 3/4	100					Si L	
8-20	10 y (4/3	<u>80</u>	7.5 yr 5/8	SO			5; L C	
			<del>-                                    </del>					
				<del></del>				
			<del></del>				·	
							-	
l <del></del>		·					-	
¹Type: C=Co	oncentration, D=Dep	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	(A1) Dipedon (A2)		Polyvalue Belov		(S8) (LRF	R,		luck (A10) (LRR K, L, MLRA 149B)
Black Hi			MLRA 149B) Thin Dark Surfa		RR R. MI	RA 149B		Prairie Redox (A16) (LRR K, L, R) lucky Peat or Peat (S3) (LRR K, L, R)
	n Sulfide (A4)		Loamy Mucky N					urface (S7) (LRR K, L, M)
	Layers (A5)		Loamy Gleyed I			·		ue Below Surface (S8) (LRR K, L)
1	d Below Dark Surface	e (A11)	Depleted Matrix					ark Surface (S9) (LRR K, L)
	ark Surface (A12) lucky Mineral (S1)		Redox Dark Sui		· <b>7</b> \			anganese Masses (F12) (LRR K, L, R)
	Gleyed Matrix (S4)		Depleted Dark S Redox Depress		()			ont Floodplain Soils (F19) ( <b>MLRA 149B</b> ) Spodic (TA6) ( <b>MLRA 144A, 145, 149B</b> )
	edox (S5)		Nodox Depicto	.01.0 (1 0)				rent Material (F21)
	Matrix (S6)							hallow Dark Surface (TF12)
Dark Sur	rface (S7) (LRR R, N	ILRA 149B	3)				Other (I	Explain in Remarks)
3Indicators of	hydrophytic vegetat	ion and we	tland hydrology mus	t he prese	ant unlace	dieturhac	l or problematic	
	ayer (if observed):		tiana nyarology mas	t be prese	in, unicss	distalbed	To problematic.	
Type:	NIK							
Depth (inc	ches):_4/1/						Hydric Soil	Present? Yes No_X
Remarks:							1	
								•
	* «							

## WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII Applicant/Owner: National Grid Applicant/Owner: National Grid State: NY Sampling Date: 5/5/19 Sampling Date: 5/5/19 Sampling Date: 5/5/19 Sampling Date: 5/5/19 Sampling Date: 5/5/19 Sampling Date: 5/5/19 Sampling Date: 5/5/19 Sampling Date: 5/5/19 Sampling Date: 5/5/19 Sampling Date: 5/5/19 Subregion (LRR or MLRA): <u>LRQ-L</u> Lat: <u>Y3, 13,9975</u> Long: <u>-78, 576,199</u> Datum: NAD '83 Soil Map Unit Name: OdA - Odesson silty clay lon , O to 3 percent slopes NWI classification: Not classificat Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_X\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes \_ 1 No is the Sampled Area Yes ✓ No within a Wetland? Hydric Soil Present? Wetland Hydrology Present? Yes X No If yes, optional Wetland Site ID: WL -018 Remarks: (Explain alternative procedures here or in a separate report.) PEM Data Point for Wotland 018 **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) \_\_ Drainage Patterns (B10) \_\_\_ Water-Stained Leaves (B9) High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) Saturation (A3) \_\_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) \_\_\_ Water Marks (B1) \_\_\_ Hydrogen Sulfide Odor (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) Geomorphic Position (D2) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) \_\_\_ 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: Surface Water Present? Yes \_\_\_\_\_ No \_\_X\_ Depth (inches): ~ Yes \_\_\_\_ No \_ K Depth (inches): ~ Water Table Present? Yes \_\_\_\_ No \_> 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:

Dominance Test worksheet   Score   Stealer   State   State   Score   Stealer   State		Absolute	Dominant Indic	eator
That Are OBL, FACW, or FAC.   (A)	Trop Stratum (Plot size: 30'			
2	Tiee Stratum (Flot Size.	70 00101	Openico. Occ	Number of Dominant Species
Species Across All Strate:	1			That Are OBL, FACW, or FAC: (A)
Species Across All Strate:	2			
Percent of Dominant Species   100				(D)
That Are OBL, FACW, or FAC:   100	3			Species Across Ali Strata:
That Are OBL, FACW, or FAC:   100	4			Percent of Dominant Species
Prevalence Index worksheet:   Total 'K Cover of.   Multiply by.	, , , , , , , , , , , , , , , , , , , ,			That Are OBL FACW, or FAC: LOCAL (A/B)
Total % Cover of	5			
Total % Cover of	6			Dravelance Index workshoots
Sapling/Shrub Stratum   (Plot size:				T TO VALORIOO TITA ON THE TITAL OF THE TITAL
FACW species   X 2 =   FACW species   X 3 =   FACW species   X 3 =   FACW species   X 4 =   FACW species   X 4 =   FACW species   X 4 =   FACW species   X 4 =   FACW species   X 5 =	7			Total % Cover of: Multiply by:
FACW species   X 2 =   FACW species   X 3 =   FACW species   X 3 =   FACW species   X 4 =   FACW species   X 4 =   FACW species   X 4 =   FACW species   X 4 =   FACW species   X 5 =		Ø	= Total Cover	OBL species x 1 =
FAC species	- 11 101 1 01 1 101 101			
FACU species X 4 = UPL species X 5 = Colum Totals: (A) (B)  Prevalence Index = B/A = Hydrophytic Vegetation Indicators:  X 1 - Rapid Test for Hydrophytic Vegetation  Herb Stratum (Plot size: )  1	Sapling/Shrub Stratum (Plot size: 15			,
FACU species	1.			
3.				FACU species x 4 =
Column Totals:	2			UPL species x 5 =
Prevalence Index = BIA =    Hydrophytic Vegetation Indicators:   X   1 - Rapid Test for Hydrophytic Vegetation     X   2 - Dominance Test is >60%     X   2 - Dominance Test is >60%     X   2 - Dominance Test is >60%     X   3 - Prevalence Index is \$3.01     1	3.			
Frevalence Index = B/A =  Hydrophytic Vegetation Indicators:  1 - Rapid Test for Hydrophytic Vegetation  2 - Total Cover  Herb Stratum (Plot size:				Column rotals (A) (B)
### By Common Color     Herb Stratum (Plot size:	4			
Hydrophytic Vegetation Indicators:   Y	5,			Prevalence index = b/A =
7				Herbert Manatation Indicators
Herb Stratum (Plot size: 5 )	0,			
Herb Stratum (Plot size:	7			
Stratum (Plot size:		ď	= Total Cover	1 <del></del>
Heth Stratum (Plot size:)  1. Exhance stratum (Plot size:)  1. Exhance stratum (Plot size:)  1. Exhance stratum (Plot size:)  1. Exhance stratum (Plot size:)  1. Exhance stratum (Plot size:)  1. Exhance stratum (Plot size:)  1. Exhance stratum (Plot size:)  1. Exhance stratum (Plot size:)  1. Exhance stratum (Plot size:)  1. Exhance stratum (Plot size:)  1. Exhance stratum (Plot size:)  1. Exhance stratum (Plot size:)  1. Exhance stratum (Plot size:)  1. Exhance stratum (Plot size:			- Total Cover	3 - Prevalence Index is ≤3.01
Lithania grancibles   35% N FAC   data in Remarks or on a separate sheet)	Herb Stratum (Plot size:)			
2. Tunes effects 3. Typha congulticities 4. Phalars attrachances 5. Care vulpinoides 6. Lythan Salicaria 7. 8. 9. 10. 11. 12. 10. 10. 11. 12. 12. 14.  Woody Vine Stratum (Plot size: 30' ) 1. 2. 3. 4.  Problematic Hydrophytic Vegetation (Explain) 1 Age N Age N Call 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 height.  Woody vines – All woody vines greater than 3.28 ft in height.  Hydrophytic Vegetation Present? Yes X No	1 Kalana Arana Cha	25%	N FA	data in Remarks or on a separate sheet)
3. Typha angusticlia 3. Typha angusticlia 4. Phalaus attendenacee 50°b Y FACU 5. Carex vulginoidea 6. Lytham, Salicaria 7. 8. 9. 10. 10. 11. 12. 12. 14. 15°b N oßL 16°b N oßL 1				D. I.I. W. I.I. Loude No. Vanadation 1 (Combin)
Definitions of Vegetation Strata:   S   S   T   EAC	2. Juneus effusis	- Jobb		2_   Problematic Hydrophytic vegetation (Explain)
Definitions of Vegetation Strata:   S   S   T   EAC	3 Tale and blo	and.	Na	61. Indicators of hydric soil and wetland hydrology must
Definitions of Vegetation Strata:   S   S   T   EAC	S. TS/MA dangstrived			he present upless disturbed or problematic
5. Larky Virinibates. 6. Lython, Salicaria. 7. Tree – Woody plants 3 in. (7.6 cm) or more in diameter 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 herbaccous (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')  1. Hydrophytic Vegetation  7. Yes X No	4. Phalais arindinacea	50%	<u> </u>	HU TO THE TOTAL
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.  Woody Vine Stratum (Plot size:	5 Cour viloippides	150%	N O	Bと Definitions of Vegetation Strata:
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.  Woody vines — All woody vines greater than 3.28 ft in height.  Hydrophytic Vegetation Present? Yes X No			,	
Sapling/shrub - Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.	6. Lythum Salicaria	100		
8	7.			at breast neight (DBH), regardless of height.
9				Sanling/shruh Woody plants less than 3 in, DBH
9	8			
Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.   Woody vines - All woody vines greater than 3.28 ft in height.    Woody Vine Stratum (Plot size:	9.			
11				
12	10		<del></del>	size, and woody plants less than 3.28 ft tall.
12	11			
Woody Vine Stratum (Plot size: 30' )				
Woody Vine Stratum         (Plot size:	14			neight.
1		140	= Total Cover	
1	Woody Vino Stratum (Diet size: 30			
2	vvoody vine Stratum (Plot size:)			·
2	1			
3				
4	۷			Vegetation
	3			Present? Yes X No
	4			
	4			
Remarks: (Include photo numbers here or on a separate sheet.)			_ = Total Cover	
	Remarks: (Include photo numbers here or on a separate	sheet.)		
		•		
	,			
	1			

Profile Description: (Describe to the de	pth needed to docum	nent the	indicator	or confir	n the ab	sence of indica	ators.)		
Depth Matrix	Redo	x Feature	s				·		
(inches) Color (moist) %	Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup>	Tex	ture	Remarks		
0-8 10 yr 3/2 100	)				51	<u> </u>			
18-20 10 yr 4, 60	7.5 W 1/6	3 <i>0</i>							
	7 54 6/1	10	C	ΛΛ	1	1			
	<del></del>	10	<u> </u>	17]	<u> </u>	<u> </u>			
			<del></del>				·		
					. ———				
					<del>- · · · · · · · · · · · · · · · · · · ·</del>	<u> </u>			
,									
<sup>1</sup> Type: C=Concentration, D=Depletion, RM	=Reduced Matrix, MS	——— S=Masked	Sand Gra	nins	21 (	ocation: PI =Po	re Lining, M=Matrix.		
Hydric Soil Indicators:							lematic Hydric Soils <sup>3</sup> :		
Histosol (A1)	Polyvalue Below	v Surface	(S8) (LRF	R,			) (LRR K, L, MLRA 149B)		
Histic Epipedon (A2)	MLRA 149B)		·		_		edox (A16) (LRR K, L, R)		
Black Histic (A3)	Thin Dark Surfa						at or Peat (S3) (LRR K, L, R)		
Hydrogen Sulfide (A4) Stratified Layers (A5)	Loamy Mucky M			L)			7) (LRR K, L, M)		
Oriented Layers (A5) Depleted Below Dark Surface (A11)	Loamy Gleyed Matrix		)				v Surface (S8) (LRR K, L)		
Thick Dark Surface (A12)	Redox Dark Sur				Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R)				
Sandy Mucky Mineral (S1)	Depleted Dark S		7)		Piedmont Floodplain Soils (F19) (MLRA 149B)				
Sandy Gleyed Matrix (S4)	Redox Depressi	ons (F8)			Mesic Spodic (TA6) (MLRA 144A, 145, 149B)				
Sandy Redox (S5)						Red Parent Mat			
Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149	B۱					Very Shallow Da Other (Explain i	ark Surface (TF12)		
	5)					Otrier (Explain ii	i Remarks)		
<sup>3</sup> Indicators of hydrophytic vegetation and w	etland hydrology must	t be prese	nt, unless	disturbed	or prob	ematic.			
Restrictive Layer (if observed):									
Type:									
Depth (inches):					Hydri	c Soil Present?	? Yes <u>X</u> No		
Remarks:									
						•			

WETLAND DETERMINATION DATA FOR	RM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII City/	County: Niagara County Sampling Date: 8/19/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP-06/
Investigator(s): James Ireland Sect	ion, Township, Range: Town of Repoles
•	lief (concave, convex, none): eenewe Slope (%): 26
Subregion (LRR or MLRA): <u>LRQ-L</u> Lat: <u>43. (39986</u>	
Soil Map Unit Name: Odd - Odessa s: /ty clay lam , Oro 3 po	NWI classification: Not classified
Are climatic / hydrologic conditions on the site typical for this time of year?	
Are Vegetation, Soil, or Hydrology significantly distu	
Are Vegetation, Soil, or Hydrology naturally problem	natic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing sar	npling point locations, transects, important features, etc.
Hydrophytic Vegetation Present?  Hydric Soil Present?  Wetland Hydrology Present?  Remarks: (Explain alternative procedures here or in a separate report.)	Is the Sampled Area within a Wetland?  If yes, optional Wetland Site ID: WL-0/11
PEN-Wellandolg	
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 Sediment Deposits (B2) Oxidized Rhizospher	- · · · · · · · · · · · · · · · · ·
Oxidized Klizospheri Drift Deposits (B3) Presence of Reduce	
Algal Mat or Crust (B4) Recent Iron Reduction	· · · · · · · · · · · · · · · · · · ·
Iron Deposits (B5) Thin Muck Surface (	
Inundation Visible on Aerial Imagery (B7) Other (Explain in Rei	
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): 1	Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre	vious inspections), if available:
Remarks:	

Absolute % Cover	Dominant In Species?		Dominance Test worksheet:
			Number of Dominant Species
			That Are OBL, FACW, or FAC: (A)
			Total Number of Dominant Species Across All Strata:
		<del></del>	Species Across All Strata: (B)
			Percent of Dominant Species
			That Are OBL, FACW, or FAC: 100% (A/B)
			Prevalence Index worksheet:
			Total % Cover of: Multiply by:
			OBL species x1 =
	- Total Cover		FACW species x 2 =
			FAC species x 3 =
			i e e e e e e e e e e e e e e e e e e e
· <del></del>			FACU species x 4 = UPL species x 5 =
			Column Totals: (A) (B)
			()
			Prevalence Index = B/A =
			Hydrophytic Vegetation Indicators:
			<u>⊀</u> 1 - Rapid Test for Hydrophytic Vegetation
_			2 - Dominance Test is >50%
<u></u>	= Total Cover		3 - Prevalence Index is ≤3.0¹
,		_	4 - Morphological Adaptations (Provide supporting
		OBL	data in Remarks or on a separate sheet)
yolu	_у	OBC	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3001+		FAC	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
150%	N	CBL	be present, unless disturbed or problematic.
15%	N	FACU	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
		<del>_</del>	size, and woody plants less than 3.28 ft tall.
		<del></del>	Woody vines – All woody vines greater than 3.28 ft in
			height.
170	= Total Cover	•	
170	= Total Cover	•	
170	= Total Cover	•	
	= Total Cover		Hydrophytic
	= Total Cover		Vegetation
	= Total Cover		
	= Total Cover	· 	Vegetation
	= Total Cover		Vegetation
			Vegetation
	70°6 40°6 40°6 15°6 15°6	### Total Cover  ### To	300h N FAC 1506 N CBL 1506 N FACW

Profile Desc	cription: (Describe t	o the dept	th needed to docum	ent the ir	ndicator	or confirm	the absence	of indicators.)		
Depth	Matrix			<u>Features</u>		. 2				
(inches)	Color (moist)	%	Color (moist)	%	_Type <sup>1</sup>	Loc*	<u>Texture</u>	Remarks		
<u>C-3</u>	loyrall	106					SiL			
3-20	254854	75°l1	7.5 YRX	30	<u> </u>	1	<u> </u>			
						· <u></u> .				
				:						
	oncentration, D=Depl	etion, RM=	Reduced Matrix, MS	=Masked	Sand Gra	ains.		PL=Pore Lining, M=Matrix.		
Hydric Soil					(00) (1 <b>D</b>			for Problematic Hydric Soils <sup>3</sup> :		
Histosol	l (A1) pipedon (A2)		Polyvalue Belov MLRA 149B)	Surface	(S8) (LRI	κ,		luck (A10) (LRR K, L, MLRA 149B) Prairie Redox (A16) (LRR K, L, R)		
	istic (A3)		Thin Dark Surfa	ce (S9) (L	RR R. MI	RA 149B)		lucky Peat or Peat (S3) (LRR K, L, R)		
	en Sulfide (A4)		Loamy Mucky M					urface (S7) (LRR K, L, M)		
	d Layers (A5)		Loamy Gleyed N		)		_	lue Below Surface (S8) (LRR K, L)		
	d Below Dark Surface	e (A11)	C Depleted Matrix					ark Surface (S9) (LRR K, L)		
	ark Surface (A12) Mucky Mineral (S1)		Redox Dark Sur Depleted Dark S		7\		-	anganese Masses (F12) (LRR K, L, R) ont Floodplain Soils (F19) (MLRA 149B)		
	Gleyed Matrix (S4)		Redox Depressi		''		Mesic Spodic (TA6) (MLRA 144A, 145, 149B)			
	Redox (S5)			,			Red Parent Material (F21)			
Stripped	d Matrix (S6)							hallow Dark Surface (TF12)		
Dark Su	ırface (S7) (LRR R, N	ILRA 149E	3)				Other (	Explain in Remarks)		
<sup>3</sup> Indicators o	of hydrophytic vegetat	ion and we	tiand hydrology mus	t he prese	nt unless	disturbed	or problematic	<b>.</b>		
	Layer (if observed):		tiana nyarology mao	- DC PICOC	in, amou	diotarboa	or problemane			
Type:	MA							16		
Depth (in		-					Hydric Soil	Present? Yes X No		
Remarks:										
!										
\										
•										
,										

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

Applicant/Owner: National Grid

Investigator(s): James Ireland

Section, Township, Range: Town of Royalton

Local relief (concave, convex, none): Convex Slope (%): 1% Soil Map Unit Name: Aph Apple 5: It lean , 0 to 3 percent Slips NWI classification: Net classification: Ne SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Is the Sampled Area \_ No 🥆 within a Wetland? Hydric Soil Present? Yes \_\_\_\_\_ No **>** Wetland Hydrology Present? If yes, optional Wetland Site ID:\_\_\_\_ Remarks: (Explain alternative procedures here or in a separate report.) Upland for Walandoig **HYDROLOGY** Wetland Hydrology Indicators: Secondary Indicators (minimum of two required) Primary Indicators (minimum of one is required; check all that apply) \_\_\_ Surface Soil Cracks (B6) Surface Water (A1) \_\_\_ Water-Stained Leaves (B9) \_\_\_ Drainage Patterns (B10) \_\_\_ High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_ Moss Trim Lines (B16) \_\_\_ Saturation (A3) \_\_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) \_\_\_ Water Marks (B1) \_\_\_ Hydrogen Sulfide Odor (C1) \_\_ Crayfish Burrows (C8) Sediment Deposits (B2) \_\_\_ Oxidized Rhizospheres on Living Roots (C3) \_\_\_ Saturation Visible on Aerial Imagery (C9) \_\_\_ Drift Deposits (B3) Presence of Reduced Iron (C4) \_\_\_ Stunted or Stressed Plants (D1) \_\_\_ Algal Mat or Crust (B4) \_\_\_ Recent Iron Reduction in Tilled Soils (C6) Geomorphic Position (D2) \_\_ Iron Deposits (B5) \_\_\_ Thin Muck Surface (C7) Shallow Aquitard (D3) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) \_\_\_ Microtopographic Relief (D4) Sparsely Vegetated Concave Surface (B8) \_\_\_ FAC-Neutral Test (D5) Field Observations: Yes \_\_\_\_ No \_ Depth (inches): -Surface Water Present? Yes \_\_\_\_ No \_\_\_ Depth (inches): Water Table Present? Yes \_\_\_\_ No \_X Depth (inches): -Saturation Present? Wetland Hydrology Present? Yes \_\_\_\_\_ No \_\_\_\_ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

VEGETATION - Ose scientific flames of plants			
		Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:3c')	% 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)
		**	The stand Oncome
4		· · · · · · · · · · · · · · · · · · ·	Percent of Dominant Species That Are OBL, FACW, or FAC:
5			marare obe, raovi, or rao.
6			Prevalence Index worksheet:
7			Total % Cover of: Multiply by:
	<i>a</i>	= Total Cover	OBL species x1 =
. •	<u> </u>	= Total Cove	FACW species x 2 =
Sapling/Shrub Stratum (Plot size: 15')			
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 =
			Hydrophytic Vegetation Indicators:
6			1 - Rapid Test for Hydrophytic Vegetation
7		<del></del>	2 - Dominance Test is >50%
	Ø	= Total Cover	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size:)	,		4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1 holin second	50.6	Y FAOV	data in Remarks or on a separate sheet)
2. Echimohlom cas-galli	40%	Y FAC	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Ti: folus sepas	10%	N EACU	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
1 · · · · · · · · · · · · · · · · · · ·			be present, unless disturbed or problematic.
4			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.
			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.
		_ = Total Cover	
Woody Vine Stratum (Plot size: 30')			
1.			
2			Hydrophytic
۷			Vegetation Present? Yes No
3			rieseitti 165 170
4			
		_ = Total Cover	
Remarks: (Include photo numbers here or on a separate	sheet.)		
Tronication (morado prioto nambolo noto or on a doparate	,		
·			
1			

Profile Desc	ription: (Describe	to the de	oth needed to d	ocume	ent the i	ndicator	or confirm	the absence	of indicators.)
Depth	Matrix		F						
(inches)	Color (moist)	%	Color (moist		<u>%</u>	Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks
0-20	104× 3/2	_ ୍ରମ୍	7.54R	<u> </u>	<u> </u>	<u> </u>	14	<u>LC</u>	
			<del></del>						
	· · · · · · · · · · · · · · · · · · ·								
								<del></del>	
	<del> </del>								
<del></del>	· · · · · · · · · · · · · · · · · · ·						<del></del>		
	Y								
¹Type: C=Co	ncentration, D=Dep	eletion RM	=Reduced Matrix		Masked	Sand Gra	ine	2l ocation:	PL=Pore Lining, M=Matrix.
Hydric Soil Ir		JICHOII, IXIVI	-Iteaacca Watin	t, 1010-	Masked	Oanu Gra	1113.		for Problematic Hydric Soils <sup>3</sup> :
Histosol (			Polyvalue B	Relow S	Surface (	S8) (I RR	R		uck (A10) (LRR K, L, MLRA 149B)
	pedon (A2)		MLRA 14		Janace (	(CO) (EINI	. 13,		Prairie Redox (A16) (LRR K, L, R)
Black His			Thin Dark S		(S9) (L	RR R, ML	RA 149B)		ucky Peat or Peat (S3) (LRR K, L, R)
Hydrogen	Sulfide (A4)		Loamy Muc						urface (S7) (LRR K, L, M)
	Layers (A5)		Loamy Gley	yed Ma	atrix (F2)				ue Below Surface (S8) (LRR K, L)
	Below Dark Surface	e (A11)	Depleted M						ark Surface (S9) (LRR K, L)
	k Surface (A12)		Redox Dark						inganese Masses (F12) (LRR K, L, R)
	ucky Mineral (S1)		Depleted D			7)			ont Floodplain Soils (F19) (MLRA 149B)
Sandy Gi	eyed Matrix (S4)		Redox Dep	ressior	ns (F8)				Spodic (TA6) (MLRA 144A, 145, 149B)
	Matrix (S6)								rent Material (F21) nallow Dark Surface (TF12)
	ace (S7) (LRR R, I	MI RA 149	3)						Explain in Remarks)
			-,					00101 (1	Explain in Nomano,
3Indicators of	hydrophytic vegeta	tion and we	etland hydrology	must b	e presei	nt, unless	disturbed	or problematic.	
	ayer (if observed):							T	
Type:	NA							*	
Depth (incl	nes):							Hydric Soil I	Present? Yes X
Remarks:								1	

WETLAND DETERMINATION DATA FO	PRM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII City	/County: Nagara County Sampling Date: 5/19/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP- cly
Investigator(s): James Ireland Sec	tion, Township, Range: Town of Roya/wn
Landform (hillslope, terrace, etc.): しいこと しいこと しいこと しいこと しいこと しいこと しいこと しいこと	elief (concave, convex, none): Slope (%):
Subregion (LRR or MLRA): <u>LRR-L</u> Lat: <u>43. /396/08</u>	
Soil Map Unit Name: OdA - Odessa sily day lum, O to 3 pe	
Are climatic / hydrologic conditions on the site typical for this time of year?	Yes No (If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology significantly distr	urbed? Are "Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology naturally probler	natic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing sa	mpling point locations, transects, important features, etc.
Hydrophytic Vege attor Rresent? Yes K No	Is the Sampled Area
Hydric Soil Present? Yes No	within a Wetland? Yes No
Wetland Hydrology Present? Yes No	If yes, optional Wetland Site ID: Wとて みひ
Remarks: (Explain alternative procedures here or in a separate report.)	·
E.A I	
P.EM-WETLINGOO	
HYDROLOGY	· · · · · · · · · · · · · · · · · · ·
Wetland Hydrology Indicators	Secondary Indicators (minimum of two required)
Rrimary Indicators (minimum area is required; check all that apply)	Surface Soil Cracks (B6)
Surface Water & Water-Stained Leav	
High Water Table (A Aquatic Fauna (B13	
Saturation (A3) Marl Deposits (B15) Hydrogen Sulfide O	<u> </u>
	eres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (23) Presence of Reduce	- · · · - · · · · · · · · · · · · · · ·
	ion in Tilled Soils (C6) <u>×</u> Geomorphic Position (D2)
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 X No Depth (inches): 6	
Saturation Present? Yes No Depth (inches): 6 ' (includes capillary fringe)	Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pr	evious inspections), if available:
Remarks:	, , , , , , , , , , , , , , , , , , , ,

VEGETATION - Ose scientific flattles of plattes			
		Dominant Indicato	
Tree Stratum (Plot size:)	<u>% Cover</u>	Species? Status	Number of Dominant Species
1			Number of Dominant Species That Are OBL, FACW, or FAC: (A)
2			
			Total Number of Dominant
3		<del></del>	Species Across All Strata: (B)
4			Percent of Dominant Species
5			That Are OBL, FACW, or FAC: (Co do (A/B)
6			Prevalence Index worksheet:
7			Total % Cover of: Multiply by:
		= Total Cover	OBL species x 1 =
	<del></del> _	70(0) 0010.	FACW species x 2 =
Sapling/Shrub Stratum (Plot size: 15 <sup>f</sup> )			
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 =
			Hydrophytic Vegetation Indicators:
6			Y 1 - Rapid Test for Hydrophytic Vegetation
7			1
	Ø	= Total Cover	2 - Dominance Test is >50%
Herb Stratum (Plot size:)			3 - Prevalence Index is ≤3.0 <sup>1</sup>
		٠	4 - Morphological Adaptations (Provide supporting
1. Typha angustifelia	1000/4	<u> </u>	data in Remarks or on a separate sheet)
2			Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
			_ Indicators of hydric soil and wetland hydrology must
3			be present, unless disturbed or problematic.
4			
5			Definitions of Vegetation Strata:
· · · · · · · · · · · · · · · · · · ·			_ 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.
			and greater than or equal to 5.25 it (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.
	Icarle	= Total Cover	
	100.14	_ Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2			Hydrophytic
4		-	─ Vegetation Present? Yes No
3			Present? Yes X No
4.			
	de	= Total Cover	
Development of the second of t	about \	- Total Cover	
Remarks: (Include photo numbers here or on a separate	sneet.)		
,			
:			

	cription: (Describe	to the de	oth needed to docun	nent the i	ndicator o	or confirm	the absence	of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Color (moist)	x Features	<u>Type</u> 1	Loc <sup>2</sup>	T4			
0-6	10 70 31,		Color (moist)			LOC	Texture S - (C	<u>l</u>	Remarks	
		100				<del></del>	3;(C			
1.30	104R511	100	4						- £:	
									X.	HAM.
									<del> </del>	
l <del></del>										
<del></del>										
									<b>*</b>	all to
									1115	The state of the s
-									70	
		<del></del>						·	- 4	
								<del></del>	- · · · · · · · · · · · · · · · · · · ·	
			<del></del>		-					
<sup>1</sup> Type: C=Co	oncentration. D=Denle	etion. RM:	=Reduced Matrix, MS	=Masked	Sand Grain	ins	<sup>2</sup> l ocation	: PL=Pore Linin	M-Mat-	iv
Hydric Soil (	Indicators:	<u> </u>	Troduced Matrix, Mic	-Waskea	Odrid Oral	1110.		for Problemati		
Histosol			Polyvalue Below	Surface (	(S8) ( <b>LRR</b>	R,		luck (A10) (LRF	-	
	oipedon (A2)		MLRA 149B)					Prairie Redox (A		
Black Hi	stic (A3) in Sulfide (A4)		Thin Dark Surface					lucky Peat or Pe		
	Layers (A5)		Loamy Mucky M Loamy Gleyed M			L)		urface (S7) ( <b>LR</b> lue Below Surfa		
Depleted	d Below Dark Surface	(A11)	Nepleted Matrix					ark Surjake (S9)		
	ark Surface (A12)		Redox Dark Surf				Iron-Ma	anganese Mass	es (F12) (L	RR K, L, R)
	lucky Mineral (S1)	*	Depleted Dark S		7)		Piedmo	ont Flood <b>pl</b> ain S	oils (F19)	(MLRA 149B)
	leyed Matrix (S4) edox (S5)		Redox Depression	ons (F8)				Spodic (TA6) (M		N, 145, 149B)
	Matrix (S6)						Ked Pa	arent Material (6 hallow Day Sur	≰)) face (TF12	 R)
	rface (S7) (LRR R, M	LRA 149E	3)				Other (	Explain in Rema	iks)	*)
Zio.								1		
Indicators of	hydrophytic vegetation (if observed):	on and we	tland hydrology must	be preser	nt, unless	disturbed o	or problematic	•		
	N(A									
Depth (inc	Ι Λ						Usalaia Cali	D====40 V=	s 🟏	NI.
Remarks:	, <u>// // - </u>						Hydric Soil	Present? Ye	s <u>~</u>	No
rtomarto.										
					e .					: ***
										s (i)
										, A
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WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII City/County: Viagra County Sampling Date: 8/14/19 State: NY Sampling Point: DP- 065 Applicant/Owner: National Grid Investigator(s): James Ireland Section, Township, Range: Town of Roya 4/20 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Givek Slope (%): 3-1. Soil Map Unit Name: Lo - Lakement s: lay clay loan, O to 3 percent slopes NWI classification: Mot classificat Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ significantly disturbed?

Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ naturally problematic? Are "Normal Circumstances" present? Yes Y (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 \_\_\_\_\_ No Hydric Soil Present? Wetland Hydrology Present? Yes \_\_\_\_\_ No 入 If yes, optional Wetland Site ID: Remarks: (Explain alternative procedures here or in a separate report.) Upland for Welland 020 **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) \_\_\_ Drainage Patterns (B10) Water-Stained Leaves (B9) High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) Saturation (A3) \_\_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) Water Marks (B1) \_\_\_ Hydrogen Sulfide Odor (C1) Crayfish Burrows (C8) Sediment Deposits (B2) \_\_ Oxidized Rhizospheres on Living Roots (C3) \_\_\_ Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) \_\_\_ Stunted or Stressed Plants (D1) Presence of Reduced Iron (C4) 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 \_ / Depth (inches): -Water Table Present? Yes \_\_\_\_\_ No \_\_\_\_ Depth (inches): \* Saturation Present? Wetland Hydrology Present? Yes \_\_\_\_ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

VEGETATION — Ose scientific flames of plante	·	<del></del>	
		ominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover S	pecies? Status	Number of Dominant Species
1			That Are OBL, FACW, or FAC:(A)
2			
			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:(A/B)
5			
6			Prevalence Index worksheet:
7			Total % Cover of:Multiply by:
<u> </u>			
	=	Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15')			FACW species x 2 =
			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			
7			1 - Rapid Test for Hydrophytic Vegetation
		Total Cover	2 - Dominance Test is >50%
g e		TOTAL GOVER	3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size: 5')			4 - Morphological Adaptations (Provide supporting
1. Salidaco Canadensis	50%	y FACV	data in Remarks or on a separate sheet)
2. Davas carota	40%	y UPL	Problematic Hydrophytic Vegetation¹ (Explain)
			1. II. II. II. II. II. II. II. II. II. I
3. Dipsans lacinialis		N FACU	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
4			be present, unless disturbed of 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.
			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
10			size, and woody plants less than 3.28 ft tall.
11		<del></del>	Woody vines - All woody vines greater than 3.28 ft in
12.			height.
		Total Cover	
	11000 =	Total Cove	
Woody Vine Stratum (Plot size: 3c')			
1			
			Hydrophytic
2			Vegetation 🕊 🤝
3.			Present? Yes No
4	-		
4			
	_ <i>J</i> =	Total Cover	
Remarks: (Include photo numbers here or on a separate	sheet.)		
, -			
1			

	ription: (Describe t	o the dept	h needed to docu	nent the ir	dicator	or confirm	the absence	of indicators.)		
Depth (inches)	Matrix Color (moist)	%	Redo Color (moist)	x Features %	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks		
0-20	104R3/2	Tolo	7.5712	Dolo		/7	CL	Nomana		
			ICUR5/2	1000	c	M	CL			
			1 9							
		*								
			· · · · · · · · · · · · · · · · · · ·			· <del></del>				
		<del></del> .		<del></del>	<del>.</del>	1,192	<del></del>			
<del></del>				<del></del>			<del>-</del>			
·										
			,		N.,			<u> </u>		
							<u> </u>	*		
						¥		•		
<sup>1</sup> Type: C=Co	ncentration, D=Deple	etion, RM=	Reduced Matrix, MS	=Masked	Sand Gra	ins.	<sup>2</sup> Location:	PL=Pore Lining, M=Matrix.		
Hydric Soil I	ndicators:						Indicators	for Problematic Hydric Soils³:		
Histosol (	(A1) ipedon (A2)	-	Polyvalue Belov MLRA 149B)		S8) (LRR	R,		uck (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)		ucky Peat or Peat (S3) (LRR K, L, R)		
	Sulfide (A4)	-	Loamy Mucky N	lineral (F1)				urface (S7) (LRR K, L, M)		
	Layers (A5) Below Dark Surface	(A11):	Loamy Gleyed I Depleted Matrix					ue Below Surface (S8) (LRR K, L) ark Surface (S9) (LRR K, L)		
	rk Surface (A12)	-	Redox Dark Su					inganese Masses (F12) (LRR K, L, R)		
	ucky Mineral (S1)	-	Depleted Dark S	•	")			nt Floodplain Soils (F19) (MLRA 149B)		
Sandy Gr	eyed Matrix (S4) edox (S5)	-	Redox Depress	ions (F8)				Spodic (TA6) ( <b>MLRA 144A, 145, 149B</b> ) rent Material (F21)		
Stripped	Matrix (S6)						Very Shallow Dark Surface (TF12)			
Dark Surf	face (S7) (LRR R, M	LRA 149B)	)				Other (I	Explain in Remarks)		
<sup>3</sup> Indicators of	hydrophytic vegetation	on and wet	land hydrology mus	t be preser	nt, unless	disturbed of	or problematic.			
	ayer (if observed):	· · ·					<u></u>			
Type:										
	hes): <u> </u>						Hydric Soil I	Present? Yes No		
Remarks:			į, C							
	· ·									
		*	No.	,		•				
		12								
			*							
			<b>t</b> (2.5)							
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				£.	0.0					
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WEILAND DETERMINATION DATA FO	DRM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII City	County: Niagara Sampling Date: 8/19/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP- O65
Investigator(s): James Ireland Sec	ction, Township, Range: Town of Royalky
Landform (hillslope, terrace, etc.): Local r	elief (concave, convex, none): <u>Concave</u> Slope (%): <u>34</u>
Subregion (LRR or MLRA): <u>LRQ-L</u> Lat: <u>43, 14/ 884</u>	
Soil Map Unit Name: OdA - Odessa sily loan chy . 6 43 pos	
Are climatic / hydrologic conditions on the site typical for this time of year?	
Are Vegetation, Soil, or Hydrology significantly dist	
Are Vegetation, Soil, or Hydrology naturally probler	
	mpling point locations, transects, important features, etc.
Hydrophytic Vegetation Present?  Hydric Soil Present?  Wetland Hydrology Present?  Remarks: (Explain alternative procedures here or in a separate report.)	Is the Sampled Area within a Wetland?  If yes, optional Wetland Site ID:    Local
PEM Dala Pene for Weeland	071
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	<del></del>
High Water Table (A2)  Aquatic Fauna (B13)  Saturation (A2)	· · · · · · · · · · · · · · · · · · ·
Saturation (A3) Marl Deposits (B15) Water Marks (B1) Hydrogen Sulfide O	, , ,
1	dor (C1) Crayfish Burrows (C8)  eres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduce	• • • •
<u> </u>	on in Tilled Soils (C6)  Geomorphic Position (D2)
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 No _> Depth (inches): <	Wetland Hydrology Present? Yes 🔀 No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pr	evious inspections), if available:
Remarks:	
·	
·	

١	/EGE	ΞTΑ	TION	- Use	scientific	names	of	plants
•						,,,,,,,,,,	٠.	p.a

/EGETATION - Ose scientific flames of plants		Daminant Indicate	1
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Indicate Species? Status	Dollillance rest worksheet.
1			Number of Dominant Species That Are OBL, FACW, or FAC: (A)
2			Total Number of Dominant Species Across All Strata: (B)
3			
4			Percent of Dominant Species That Are OBL, FACW, or FAC: 1000 (A/B)
5			That Are OBL, FACW, or FAC: 1009 (A/B)
6			Prevalence Index worksheet:
7			
		= Total Cover	OBL species x 1 =
		- Total Gover	FACW species x 2 =
Sapling/Shrub Stratum (Plot size: 15 )			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			Hydrophytic Vegetation Indicators:
			1 - Rapid Test for Hydrophytic Vegetation
7	_		2 - Dominance Test is >50%
<b>~</b>	<u> </u>	= Total Cover	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size: 5 )  1. Typh anystifolia	40.6	У сас	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
- Types angustitotia	200/	V 680	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
2. Juneus ethous	_ <u>'gov</u>	7 0150	<del></del>
3. Bidens anstern		Y FAC	he present upless disturbed or problematic
4. Lytham salicarin	<u>solo</u>	N cst	be present, unless disturbed of 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 height.
12	12006	= Total Cover	neight.
Woody Vine Stratum (Plot size: 3¢1 )	100 0	- Total Cover	
Woody Vine Stratum (Plot size:)			
1			Usuka akudia
2			Hydrophytic  Vegetation
3			Present? Yes No
4			
4		= Total Cover	
	<i></i>	_ = Total Cover	
Remarks: (Include photo numbers here or on a separate	te sneet.)		

Sampling Point: DP- 068

Profile Description: (Descri	ibe to the dep	th needed to docun	nent the i	ndicator	or confirm	the absence of indi	cators.)
Depth Matri	x	Redo	x Features	<u> </u>			•
(inches) Color (moist)		Color (moist)	%	_Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks
0-7 10 yr 3	2 90	7.5 YR 5/8	la		_/1_	s:LC	
7-20 104R31	2 60%	7.5425lz	404	<u> </u>	П	<u> </u>	
						<u> </u>	
				•			
_							
					<del></del>		<u> </u>
	<del></del>						
<u> </u>							
1Type: C=Concentration D=D	onletien DM	Deduced Mark 1	<del></del> -				
<sup>1</sup> Type: C=Concentration, D=D <b>Hydric Soil Indicators:</b>	epietion, Rivi=	Reduced Matrix, MS	=Masked	Sand Grai	ins.		ore Lining, M=Matrix.
Histosol (A1)		Polyvalue Below	Surface (	90) /  DD	В		blematic Hydric Soils³:
Histic Epipedon (A2)	•	MLRA 149B)	Odriace (	00) (LKK	Λ,		10) ( <b>LRR K, L, MLRA 149B</b> ) Redox (A16) ( <b>LRR K, L, R</b> )
Black Histic (A3)		Thin Dark Surfac	e (S9) ( <b>Lf</b>	RR R, MLI	RA 149B)		eat or Peat (S3) (LRR K, L, R)
Hydrogen Sulfide (A4)	-	Loamy Mucky Mi	ineral (F1)	(LRR K,	L)	Dark Surface (	(S7) (LRR K, L, M)
<ul><li>Stratified Layers (A5)</li><li>Depleted Below Dark Surf</li></ul>	oon (A14)	Loamy Gleyed M				Polyvalue Belo	ow Surface (S8) (LRR K, L)
Thick Dark Surface (A12)		Depleted Matrix (					ace (S9) (LRR K, L)
Sandy Mucky Mineral (S1)		Depleted Dark S		`			se Masses (F12) (LRR K, L, R) dplain Soils (F19) (MLRA 149B)
Sandy Gleyed Matrix (S4)		Redox Depression		,			(TA6) (MLRA 144A, 145, 149B)
Sandy Redox (S5)		•	` .			Red Parent Ma	
Stripped Matrix (S6)							Dark Surface (TF12)
Dark Surface (S7) (LRR R	, MLRA 149B)					Other (Explain	in Remarks)
<sup>3</sup> Indicators of hydrophytic vege	tation and wet	and hydrology must	ha pracan	t unloss d	diaturbad a		
Restrictive Layer (if observed	d):	and Hydrology must	ne preser	it, unicos t	JISTOLDEG (	or problematic.	
Type: <i>\V/</i> _{\black{\lambda}}	•						
Depth (inches): 1//						Hydric Soil Presen	t? Yes X No
Remarks:			<del>-</del> ·				103_71 110
						•	
							1

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII City/County: Niagar Sampling Date: 8/30/19

Applicant/Owner: National Grid State: NY Sampling Point: DP- Ct 7 Section, Township, Range: Town of Roya /kg Investigator(s): James Ireland Landform (hillslope, terrace, etc.): H: (S) Local relief (concave, convex, none): Covey Slope (%): 2° 6 Subregion (LRR or MLRA): LRR-L Lat: 43.14/851 Long: -78.53/096 Datum: NAD '83

Soil Map Unit Name: OdA - Odessa 5:/fy clay loam, O to 3 percent slopes NWI classification: Net classifier of Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ significantly disturbed?

Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ naturally problematic? Are "Normal Circumstances" present? Yes \_\_\_\_\_ No\_\_ (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Is the Sampled Area Hydrophytic Vegetation Present? within a Wetland? Hydric Soil Present? Wetland Hydrology Present? Yes \_\_\_\_\_ No >
Remarks: (Explain alternative procedures here or in a separate report.) If yes, optional Wetland Site ID:\_\_ Upland Dala - Welland 622 **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) \_\_\_ Drainage Patterns (B10) \_\_\_ Water-Stained Leaves (B9) High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) Saturation (A3) \_\_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) Water Marks (B1) \_\_\_ Hydrogen Sulfide Odor (C1) \_\_\_ Crayfish Burrows (C8) Sediment Deposits (B2) \_\_\_ Oxidized Rhizospheres on Living Roots (C3) \_\_\_ Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) Presence of Reduced Iron (C4) \_\_\_ Stunted or Stressed Plants (D1) Algal Mat or Crust (B4) \_\_ Recent Iron Reduction in Tilled Soils (C6) Geomorphic Position (D2) Iron Deposits (B5) \_\_\_ Thin Muck Surface (C7) Shallow Aquitard (D3) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) \_\_\_ Microtopographic Relief (D4) Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes \_\_\_\_ No \_x Depth (inches): ^ Water Table Present? Saturation Present? Yes \_\_\_\_ No > Depth (inches); < Wetland Hydrology Present? Yes \_\_\_\_ No \_\_\_\_ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

VEGETATION - 650 deletime flames of plants.	A 1	Developed builtings	
Tree Stratum (Plot size: 3c')		Dominant Indicator 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: 2 (B)
J			
4	<del></del>		Percent of Dominant Species That Are OBL. FACW. or FAC:  (A/B)
5			That Are OBL, FACW, or FAC: (A/B)
6			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
7			Total % Cover of: Multiply by:
		= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 151 )			FACW species x 2 =
Saping/Shrub Stratum (Flot size)			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 =
			Hydrophytic Vegetation Indicators:
6			1 - Rapid Test for Hydrophytic Vegetation
7			
	a	= Total Cover	2 - Dominance Test is >50%
Mark Otrations (Blat sing)			3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size: 5')	30-6	Y Dicu	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
1 - 1 -			Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
2. Solidago canadinsis			
3. Esthamis granifilm	200h	N FAC	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4. Phleun prakase	20%	N FACV	be present, unless disturbed or problematic.
		N FAC	Definitions of Vegetation Strata:
5. Come racemese			
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.
			Size, and woody plants less than 5.26 it tall.
11,			Woody vines – All woody vines greater than 3.28 ft in
12			height.
·	عاص ۱۱	= Total Cover	
		•	
Woody Vine Stratum (Plot size:)			
1			. ]
2.			Hydrophytic
			Vegetation Present? Yes X No
3	<del></del>		Presenti res no
4			.
	ď	= Total Cover	
Demortes (Include photo numbers here or on a congrete	choot )		
Remarks: (Include photo numbers here or on a separate	sneet.)		

	cription: (Describe	to the dep	oth needed to docur			or confirm	the absence of ind	icators.)	7111
Depth _(inches)	Matrix Color (moist)	%	Redo Color (moist)	x Feature %	<u>Type<sup>1</sup></u>	Loc <sup>2</sup>	Texture	Remark	e
0 \L	10 10 25	100			<u> </u>		S.lec	Keiiiaik	
6.30	104/2/2		7.5 YRS/G				<u> </u>		
<u> </u>	10/12/2	6006	1,3 4K3/G	<u> </u>			<u> </u>	······	
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		. <del></del>							
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				<del></del>		<del></del>			
<del></del>	·								<del></del>
		_							
¹Type: C=C	oncentration, D=Dep	letion, RM:	=Reduced Matrix, MS	======================================	Sand Gra	ins.	<sup>2</sup> Location: PL=	ore Lining, M=N	Matrix.
Hydric Soil	Indicators:	·					Indicators for Pr		
Histosol			Polyvalue Belov		(S8) (LRR	R,		410) ( <b>LRR K, L, I</b>	
	pipedon (A2) istic (A3)		MLRA 149B) Thin Dark Surfa		RRR MI	PA 149R\		Redox (A16) (LI Peat or Peat (S3)	
	en Sulfide (A4)		Loamy Mucky M					(S7) (LRR K, L,	
	d Layers (A5)		Loamy Gleyed N	Matrix (F2)			Polyvalue Be	low Surface (S8)	(LRR K, L)
	d Below Dark Surface ark Surface (A12)	e (A11)	Depleted Matrix Redox Dark Sur					rface (S9) (LRR	
	Aucky Mineral (S1)		Depleted Dark S		7)			ese Masses (F12 odplain Soils (F1	9) (MLRA 149B)
Sandy G	Sleyed Matrix (S4)		Redox Depressi		•				44A, 145, 149B)
	Redox (S5) I Matrix (S6)						Red Parent N		E40)
	rface (S7) ( <b>LRR R, N</b>	ILRA 149E	3)					Dark Surface (T n in Remarks)	F12)
31	f los seleccións son estat	:	Managhar day					ŕ	
	r nydropnytic vegetat Layer (if observed):		tland hydrology mus	be prese	nt, unless	disturbed	or problematic.		
Type:									
Depth (in	ches):						Hydric Soil Prese	nt? Yes 💃	No
Remarks:						'.	-		
								•	
							ė.		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII City/County: Genesee County Sampling Date: 2 3/1/10
Applicant/Owner: National Grid State: NY Sampling Point: DP-
Investigator(s): James Ireland an Nicola Duzha Section, Township, Range: Town of Alabama
Landform (hillslope, terrace, etc.): Depression Local relief (concave, convex, none): Concave Slope (%): 107.
Subregion (LRR or MLRA):
Soil Map Unit Name: Odd - Odess 5: / la clay lan O to 3 percent stopes NWI classification: Not chassifical
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
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.
Hydrophytic Vegetation Present?  Yes You No Is the Sampled Area
Hydric Soil Present?  Yes Y No  Within a Wetland?  Yes No
Wetland Hydrology Present? Yes <u>k</u> No   If yes, optional Wetland Site ID: <u>W. Hand G22</u>   Remarks: (Explain alternative procedures here or in a separate report.)
PEM data point for Wetland 022. Center of Wetland is a mapped NWI. Located whin John White WMA For water Foul.
Located will have white WMA For Lary Foul.
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) Saturation Visible on Aerial Imagery (C9)
Sediment Deposits (B2)
Algal Mat or Crust (B4)  Algal Mat or Crust (B4)  Algal Mat or Crust (B4)  Algal Mat or Crust (B4)  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 Remarks) Microtopographic Relief (D4)
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
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
Remarks:
Som exidized that some observed at catheir on free
Som exidized three spheres observed at Catheil and fee commy
not, Located in a Slight deposition of trace / h
of account to the second of th
grown note. Located in a Slight deposition of tuffer/humucks

VEGETATION - Ose selectane names of plants				
3-1		Dominant		Dominance Test worksheet:
Tree Stratum (Plot size: 3c')	% Cover	Species?	Status	Number of Dominant Species
1				That Are OBL, FACW, or FAC: (A)
2				
				Total Number of Dominant Species Across All Strata: (B)
3				Species Across Ali Stiata.
4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC: 100°10 (A/B)
<del></del>				
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
		= Total Co	vor	OBL species x 1 =
- 1	<u> </u>	- Total Co	VCI	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.				(-)
				Prevalence Index = B/A =
. 5				
6				Hydrophytic Vegetation Indicators:
				🗶 1 - Rapid Test for Hydrophytic Vegetation
7	_			2 - Dominance Test is >50%
		= Total Co	ver	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size:)				
1. Phalaces arendinacen.	ccl	<b>y</b>	FACW	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
1. Phalacis ac-nainaren	4			Problematic Hydrophytic Vegetation¹ (Explain)
2. Topha angustifolia	40%		OBC	Problematic Hydrophytic Vegetation (Explain)
3. Phragmibs australs	5%	N	FACW	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
				be present, unless disturbed or problematic.
4				D C W
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 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				
12.		•		Woody vines – All woody vines greater than 3.28 ft in height.
14				neight.
	160%	= Total Co	ver	
Woody Vine Stratum (Plot size:)				
1	<del></del>			Hydrophytic
2				Vegetation
3				Present? Yes No
4				
		= Total Co	ver	
Remarks: (Include photo numbers here or on a separate	sheet.)			<u> </u>
(	·			
·				
•				

Profile Desc	ription: (Describe to	the dept	h needed to docum	ent the ir	ndicator	or confirm	the absence	of indicators.)
Depth	Matrix	·		Features				
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup> _	<u>Texture</u>	Remarks
0-14	104R3/2	<u>852</u>	7,54R 5/6	15%	<u> </u>	<u>M</u>	<u>CL</u>	
14-20	104e 4/1	<u>302</u>	104R 4/2	352	<u></u>	_M_	CL_	
			7.54R 5/8	102	_C	M		
			104R 4/8	5	C	M	-	
			-					
							<del> </del>	
•								
	•	<del></del> ·	·					
		<del></del> -						
			-					
			·				-	
17			Dada adda a			<del></del>	21	
'Type: C=Co	oncentration, D=Deple Indicators:	tion, RM=	Reduced Matrix, MS=	Masked	Sand Gra	iins.	*Location: Indicators	: PL=Pore Lining, M=Matrix.  for Problematic Hydric Soils <sup>3</sup> :
Histosol		_	Polyvalue Below	Surface (	(S8) ( <b>LRR</b>	R,		luck (A10) (LRR K, L, MLRA 149B)
	pipedon (A2)		MLRA 149B)	(00) (1)			Coast I	Prairie Redox (A16) ( <b>LRR K, L, R</b> )
Black His	stic (A3) n Sulfide (A4)	-	Thin Dark Surfact Loamy Mucky Mit					lucky Peat or Peat (S3) (LRR K, L, R) urface (S7) (LRR K, L, M)
	Layers (A5)	-	Loamy Gleyed M			-,		lue Below Surface (S8) (LRR K, L)
	Below Dark Surface		Depleted Matrix (				Thin Da	ark Surface (S9) (LRR K, L)
	ark Surface (A12)	-	Redox Dark Surfa		<b>7</b> \			anganese Masses (F12) (LRR K, L, R)
	lucky Mineral (S1) leyed Matrix (S4)	-	Depleted Dark Su Redox Depressio		()			ont Floodplain Soils (F19) (MLRA 149B) Spodic (TA6) (MLRA 144A, 145, 149B)
	edox (S5)	-	Nodox Boprocolo	(1 0)				arent Material (F21)
	Matrix (S6)						Very SI	hallow Dark Surface (TF12)
Dark Sur	face (S7) (LRR R, ML	.RA 149B	)				Other (	Explain in Remarks)
	hydrophytic vegetation	n and wet	land hydrology must	be preser	nt, unless	disturbed o	or problematic	
	ayer (if observed):							
Type: Depth (inc	has):	<del></del>					Hydric Soil	Present? Yes X No
Remarks:	nes)						nyuric Soii	Present? Yes NO
l tomano.								
								•

## 

Applicant/Owner: National Grid	State: NY Sampling Point: DP-072
Investigator(s): James Ireland an Niau Durth Section	on, Township, Range: Town of Alabama
Landform (hillslope, terrace, etc.): Hhll Stope Local rel	
Subregion (LRR or MLRA): LDQ-L Lat: 43.076336	
Soil Map Unit Name: SeB- Schoharie siltlam, 1 & by weent sty	
Are climatic / hydrologic conditions on the site typical for this time of year? Y	
Are Vegetation, Soil, or Hydrology significantly distur	
Are Vegetation, Soil, or Hydrology naturally problems	atic? (If needed, 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 🥆	is the Sampled Area
Hydric Soil Present? Yes X No	within a Wetland? Yes <u>M</u> No X
Wetland Hydrology Present? Yes No ⊀	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	
Upland data point for wetland	022. Located Win John White WMA.
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 Odd	
	es on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3)  Algal Mat or Crust (B4)  Recent Iron Reduction	<del></del>
/ regard wat of Grast (D4) Recent from Reduction 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 X Depth (inches): -	. ]
Saturation Present? Yes No _X Depth (inches): —	Wetland Hydrology Present? Yes No 🔀
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photos, prev	
becombe Necorded Data (stream gauge, monitoring well, aeriai photos, pre-	vious inspections), il available.
Remarks:	
No hydre soils observed,	

VEGETATION - Ose scientific flatfies of plants	•			
3,10		Dominant		Dominance Test worksheet:
Tree Stratum (Plot size: 36 1)	% Cover	Species?	Status	Number of Dominant Species
1				That Are OBL, FACW, or FAC:(A)
2				
۷				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 Co	ver	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: \( \siz \)				FACW species x 2 =
				FAC species x 3 =
1	<del></del>			FACU species x 4 =
2				
3				UPL species x 5 =
J				Column Totals: (A) (B)
4				D a december 500
5				Prevalence Index = B/A =
				Hydrophytic Vegetation Indicators:
6				1 - Rapid Test for Hydrophytic Vegetation
7				
	Ø	= Total Co	ver	2 - Dominance Test is >50%
				3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size: 5'\(\frac{1}{2}\)	mad	٧	_FAQ_	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
1. Soldago canaders.s		ý		Problematic Hydrophytic Vegetation¹ (Explain)
2. Ambrosin artemisi, folia			<u> Facu</u>	Problematic rigurophytic vegetation (Explain)
3. Symphy, trichen never - any line	100%	N	FACW	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4. Symphystrichum ericoides	mol.	N	FACE	be present, unless disturbed or problematic.
4. Symphy ottichem erico: us			•	D. St. Million - S. Vannahatian Chronic
5. Cornus sericen	<u> </u>		FACW	Definitions of Vegetation Strata:
6. Vitis aestivals	Sulo	$^{\prime\prime}$	FACU	Tree – Woody plants 3 in. (7.6 cm) or more in diameter
				at breast height (DBH), regardless of height.
7				a H / L L M/L du plants land then 9 in DDII
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.				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
12				Woody vines – All woody vines greater than 3.28 ft in height.
12	.,			neight.
	100%	= Total Co	over	
Woody Vine Stratum (Plot size:)				
•				
1				Hydrophytic
2				Vegetation
3.				Present? Yes X No
J				
4				
	<u> </u>	_ = Total Co	over	
Remarks: (Include photo numbers here or on a separate	sheet.)			
Tromand. (moddo prioto namboro nore er en a separate	,			
1				

Profile Desc	ription: (Describe t	o the dept	h needed to docum	ent the i	ndicator	or confirm	the absence	of indicators.)
Depth	Matrix	<del></del>		Features	<u> </u>			
(inches)	Color (moist)	<u></u> %	Color (moist)		Type <sup>1</sup>	Loc <sup>2</sup>	<u>Texture</u>	Remarks
0-20	1042 4/2	<u> 707.</u>	104R 5/2	<u>20%</u>		<u>M</u>	<u>LC</u>	
			7.57R5/6	10%	<u> </u>	M		
<del></del>								
8			,		<del></del>		<del>(</del>	
	<del></del>							
1Tuno. C-C			Dadwaad Matrix MO				21	DI Dan Linia Mandala
Hydric Soil I	oncentration, D=Deple indicators:	etion, Rivi=	Reduced Matrix, MS	=iviasked	Sand Gra	iins.		: PL=Pore Lining, M=Matrix.  for Problematic Hydric Soils <sup>3</sup> :
Histosol			Polyvalue Below	Surface	(S8) (LRR	2 R.		Muck (A10) (LRR K, L, MLRA 149B)
	pipedon (A2)	-	MLRA 149B)		(00) (=:	,		Prairie Redox (A16) (LRR K, L, R)
Black Hi		-	Thin Dark Surfac					/lucky 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 M Depleted Matrix		)			lue Below Surface (S8) (LRR K, L) ark Surface (S9) (LRR K, L)
	ark Surface (A12)	(111)	Redox Dark Surf					anganese Masses (F12) (LRR K, L, R)
Sandy M	lucky Mineral (S1)		Depleted Dark S		7)		Piedm	ont Floodplain Soils (F19) (MLRA 149B)
-	lleyed Matrix (S4)	-	Redox Depression	ons (F8)				Spodic (TA6) ( <b>MLRA 144A, 145, 149B</b> )
	edox (S5)							arent Material (F21)
	Matrix (S6) face (S7) (LRR R, M	1 DA 1/0B	١					hallow Dark Surface (TF12) (Explain in Remarks)
Daik Sui	nace (57) (ENN N, M	LINA 148D	,				Outlet	(Explain in Remarks)
	hydrophytic vegetati	on and wet	land hydrology must	be prese	nt, unless	disturbed	or problematio	<b>.</b>
Restrictive L	ayer (if observed):							·
Type:	414							\ \ \ \ \
Depth (inc	ches):	·····					Hydric Soil	Present? Yes X No
Remarks:								
								•

	Time - North central and Northeast Neglon
Project/Site: NG Batavia-Lockport Article VII City	//County: Genesee County Sampling Date: 8/26/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP-073
Investigator(s): James Ireland Sec	ction, Township, Range: Town of Alabama
Landform (hillslope, terrace, etc.): Venturem Local r	elief (concave, convex, none): Concave Slope (%): 14
	Long: <u>-78, 439596</u> Datum: NAD '83
Soil Map Unit Name: ChA- Canandingua mucky silt lunn, G L	2 aread Stones NWI classification: PFG/FA
Are climatic / hydrologic conditions on the site typical for this time of year?	
Are Vegetation $\underline{\mathcal{U}}$ , Soil $\underline{\mathcal{N}}$ , or Hydrology $\underline{\mathcal{N}}$ significantly dist	
Are Vegetation $\underline{v}$ , Soil $\underline{v}$ , or Hydrology $\underline{v}$ naturally problem	
SUMMARY OF FINDINGS – Attach site map showing sa	mpling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No	Is the Sampled Area within a Wetland? Yes No
Hydric Soil Present? Yes No	
Wetland Hydrology Present? YesX No	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	
PEN - Weehold 3 in Tonnunda	Wildlife Management Asser
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	ves (B9) Drainage Patterns (B10)
High Water Table (A2) Aquatic Fauna (B13)	
Saturation (A3) Marl Deposits (B15)	
Water Marks (B1)     Hydrogen Sulfide O       Sediment Deposits (B2)     Oxidized Rhizosphe	odor (C1) Crayfish Burrows (C8) eres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Oxidized Mizospile 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	emarks) <u>*</u> 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 NoX Depth (inches): , (includes capillary fringe)	Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, p	revious inspections), if available:
Remarks:	
iveniarys.	
,	
·	
	ý

	Absolute	Dominant Indicator	Deminance Test weeksheets
Tree Stratum (Plot size:)	% Cover	Species? Status	Dominance Test worksheet:
1			Number of Dominant Species That Are OBL, FACW, or FAC: (A)
2			
			Total Number of Dominant Species Across All Strata: (B)
3			Species Across All Strata(b)
4			Percent of Dominant Species
5			That Are OBL, FACW, or FAC: 100% (A/B)
6			Prevalence Index worksheet:
7			
<u> </u>			Total % Cover of: Multiply by:
ر		= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15')			FACW species x 2 =
1. Cephalanthus occidentals	2006	<u>y</u> <u>obl</u>	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			<u> </u>
,			X 2 - Dominance Test is >50%
	20%	= Total Cover	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size:)	Sul	y obl	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
1. Cana Place	30 %	7 082	
2. Oncolen sensibilis			Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Phraymits australis	1006	N DACV	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4. Lythrum Salicaria	5%	N OBL	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			at broadt height (DBH), regardede 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.
	100%	= Total Cover	
Woody Vine Stratum (Plot size: 301 )			
1			Hydrophytic
2			Vegetation
3			Present? Yes No
4.			
	·	= Total Cover	
Remarks: (Include photo numbers here or on a separate	sheet \	, - rotal Cover	
Tremaine. (include priote numbers here of on a separate	oricci.)		
			·
·			

Profile Desc	ription: (Describe	to the dept	h needed to docum	ent the i	ndicator	or confirm	the absence o	f indicate	ors.)	
Depth	Matrix			Features	<u> </u>	. 2				
(inches)	Color (moist)		Color (moist)	%	Type <sup>1</sup>	_Loc*_	Texture		Remarks	
0-15	LOYR 21,	100f/,					<u>CL</u>			
15.20	16484/1	8090	ROAK-755/6	80	AL		_cc			
							;			
					-	<del></del>				
<u></u>	<del></del>									
	· · · · · · · · · · · · · · · · · · ·								· · · · · · · · · · · · · · · · · · ·	
·			<u> </u>							
	•									
<sup>1</sup> Type: C=Co	ncentration, D=Depl	etion. RM=	Reduced Matrix, MS:	=Masked	Sand Gra	ins	<sup>2</sup> l ocation:	PI =Pore	Lining, M=Ma	atrix
Hydric Soil I	ndicators:	,					Indicators fo			
Histosol	• •	_	_ Polyvalue Below	Surface	(S8) ( <b>LRR</b>	R,			(LRR K, L, M	
	ipedon (A2)		MLRA 149B)	-: (00) (1					ox (A16) ( <b>LR</b>	
Black His	n Sulfide (A4)	-	Thin Dark Surfac Loamy Mucky Mi						or Peat (S3) ( (LRR K, L, I	(LRR K, L, R)
	Layers (A5)	_	Loamy Gleyed M			<b>L</b> )			Surface (S8) (	
	Below Dark Surface	e (A11) _	Depleted Matrix (						(S9) (LRR K	
	rk Surface (A12)	_	Redox Dark Surf							(LRR K, L, R)
	ucky Mineral (S1) leyed Matrix (S4)	-	<ul><li>Depleted Dark Some</li><li>Redox Depression</li></ul>	-	<i>(</i> ).					9) (MLRA 149B) 4A, 145, 149B)
	edox (S5)	_		(. 0)				ent Materi		474, 140, 1405)
	Matrix (S6)						Very Sha	allow Dark	Surface (TF	12)
Dark Sur	face (S7) (LRR R, M	ILRA 149B)					Other (E	xplain in F	Remarks)	
3Indicators of	hydrophytic vegetati	ion and wetl	and hydrology must	be prese	nt, unless	disturbed	or problematic.			
	ayer (if observed):			•			<u> </u>	e.j.		
Type:	NU,									
Depth (inc	hes): <i>V</i> A						Hydric Soil P	resent?	YesX	No
Remarks:									1	
										:
* 1.										
							. 4		. •	
						٠				
	*									

WEILAND DETERMINATION DATA FOR		
Project/Site: NG Batavia-Lockport Article VII City/C	County: Genesee County	Sampling Date: 8/20/19
Applicant/Owner: National Grid	State: NY	_ Sampling Point: DP- 077
Investigator(s): James Ireland + Nicole Dutzhoc Section	on, Township, Range: Town of	
Landform (hillslope, terrace, etc.): 1900 Local rel	•	
Subregion (LRR or MLRA): LRR-L Lat: 43. 109464	Long: -78. 428817	Datum: NAD '83
Soil Map Unit Name: Gn B- Colon very fire sandy learn, 2	the arount stanes NWI classifica	ation: Not Mano Prole
Are climatic / hydrologic conditions on the site typical for this time of year? Y	∕es∕ No (If no, explain in Re	emarks.)
Are Vegetation , Soil , or Hydrology significantly distur		
Are Vegetation, Soil, or Hydrology naturally problems	atic? (If needed, explain any answers	,
SUMMARY OF FINDINGS – Attach site map showing sam		·
Hydrophytic Vegetation Present?  Hydric Soil Present?  Wetland Hydrology Present?  YesX No YesX No Yes No X	Is the Sampled Area within a Wetland?  If yes, optional Wetland Site ID:	_ No X
Remarks: (Explain alternative procedures here or in a separate report.)	ii yes, optional vveitand Site ib.	
In a maintaine Row through wood HYDROLOGY	Located adjacent to No red area.	ox. Grid Structure 16\$
Wetland Hydrology Indicators:	Secondary Indicate	ors (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)	Surface Soil C	
Surface Water (A1) Water-Stained Leave		
High Water Table (A2) Aquatic Fauna (B13)		
Saturation (A3) Marl Deposits (B15)		Vater Table (C2)
Water Marks (B1) Hydrogen Sulfide Odd		
Sediment Deposits (B2)  Drift Deposits (B3)  Oxidized Rhizosphere Presence of Reduced	es on Living Roots (C3) Saturation Visit	ible on Aerial imagery (C9) essed Plants (D1)
Algal Mat or Crust (B4) Recent Iron Reduction		• •
Iron Deposits (B5) Thin Muck Surface (C	• • • • •	
Inundation Visible on Aerial Imagery (B7) Other (Explain in Ren		· ·
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral T	
Field Observations:		
Surface Water Present? Yes No Depth (inches): -		
Water Table Present? Yes No Depth (inches):— Saturation Present? Yes No Depth (inches):—	Mada ad the day to see Borne (	
(includes capillary fringe)	Wetland Hydrology Present	? Yes No <b>X</b>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre-	vious inspections), if available:	
Remarks:		
No wetland hydrology observed	$f_{i}$	

		1
2010	Absolute Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30' R)	% Cover Species? Status	Number of Dominant Species
1	·	That Are OBL, FACW, or FAC:(A)
		111007110 002,171011,011101
2		Total Number of Dominant
2		Species Across All Strata: (B)
3		
4	· ·	Percent of Dominant Species
		That Are OBL, FACW, or FAC: 100% (A/B)
5		
6.		B. L. Ladamandahaati
0		Prevalence Index worksheet:
7		Total % Cover of: Multiply by:
	C = Total Cover	OBL species x 1 =
١٠٠٠ .	= Total Cover	1
Sapling/Shrub Stratum (Plot size: 15'12 )		FACW species x 2 =
Capinigroffido Ciratam (1 lot 6/20:		FAC species x 3 =
1,		The state of the s
		FACU species x 4 =
2		UPL species x 5 =
3		•
		Column Totals: (A) (B)
4		
5		Prevalence Index = B/A =
		Hydrophytic Vegetation Indicators:
6		1 - Rapid Test for Hydrophytic Vegetation
7		∑ 2 - Dominance Test is >50%
-1-	<u></u> ≠ Total Cover	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size: 5/2)	yod y FACW	4 - Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet)
1. Phalace aundinacea		Problematic Hydrophytic Vegetation (Explain)
2. Diyapteris intermedia		
3. Davrus corola	2815% N UPL	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4. Solidano conndensis		be present, unless disturbed or problematic.
21 ()		Definitions of Vegetation Strata:
5. Phragmites australis	Selv N FACW	Definitions of Vegetation Strata.
6		Tree – Woody plants 3 in. (7.6 cm) or more in diameter
1		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		
40		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	. <u> </u>	height.
	Ιωού = Total Cover	
2.10		
Woody Vine Stratum (Plot size: 301R)		
,		
1		. Unidean build
2		Hydrophytic
		Vegetation Present? Yes X No
3		Present? Yes No
		1
4		1.
1	= Total Cover	
Remarks: (Include photo numbers here or on a separate	sheet)	
Remarks. (include prioto numbers here of on a separate	s dilect.)	
•		
†		
		·
1		

Profile Description: (Describe to the de	pth needed to docum	nent the i	indicator	or confirm	the absence of	indicators.)
Depth Matrix Redox Features						
(inches) Color (moist) %	Color (moist)	%	_Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-20 104R 4/2 60	104R 4/3	30	C	M	SL	
				11		
	7.5YR 5/4	10		_/31		
						· · · · · · · · · · · · · · · · · · ·
					<u> </u>	
<sup>1</sup> Type: C=Concentration, D=Depletion, RI	/I=Reduced Matrix, MS	=Masked	Sand Gra	ins.	<sup>2</sup> Location: P	L=Pore Lining, M=Matrix.
Hydric Soil Indicators:						Problematic Hydric Soils³:
Histosol (A1)	Polyvalue Below	/ Surface	(S8) (LRR	R,	2 cm Muc	k (A10) (LRR K, L, MLRA 149B)
Histic Epipedon (A2)	MLRA 149B)					irie Redox (A16) (LRR K, L, R)
Black Histic (A3)	Thin Dark Surface					ky Peat or Peat (S3) (LRR K, L, R)
Hydrogen Sulfide (A4)	Loamy Mucky M			L)		ace (S7) (LRR K, L, M)
Stratified Layers (A5) Depleted Below Dark Surface (A11)	Loamy Gleyed N  Depleted Matrix		)			Below Surface (S8) (LRR K, L)
Thick Dark Surface (A11)	Redox Dark Sur					Surface (S9) (LRR K, L)
Sandy Mucky Mineral (S1)	Depleted Dark S		7)			ganese Masses (F12) (LRR K, L, R) Floodplain Soils (F19) (MLRA 149B)
Sandy Gleyed Matrix (S4)	Redox Depressi		')			odic (TA6) (MLRA 144A, 145, 149B)
Sandy Redox (S5)		01.0 (1 0)				nt Material (F21)
Stripped Matrix (S6)						low Dark Surface (TF12)
Dark Surface (S7) (LRR R, MLRA 149	<b>JB</b> )					plain in Remarks)
						•
<sup>3</sup> Indicators of hydrophytic vegetation and w	etland hydrology must	be prese	nt, unless	disturbed of	or problematic.	
Restrictive Layer (if observed):						
Type: <i>N_//</i> -/	_					<b>\</b>
Depth (inches):	<u>-</u>				Hydric Soil Pre	esent? Yes X No
Remarks:						
					*	

## WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: NG Batavia-Lockport Article VII City/	County: Niagara County Sampling Date: 8/21/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP- 676
	tion, Township, Range: Town of Royalton
000	
Landform (hillslope, terrace, etc.): Deptersion (Local re	Slope (%): 20/
Subregion (LRR or MLRA): LRR L Lat: 43./92.662	Long:78, \$2,9872 Datum: NAD 83
Soil Map Unit Name: OdA - Odessa silty clay loam, 6 to 3	necember 5 byes NWI classification: Net chaseful
Are climatic / hydrologic conditions on the site typical for this time of year?	Yes No (If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology significantly distu	
Are Vegetation, Soil, or Hydrology naturally problem	natic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing san	mpling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X No	Is the Sampled Area
Hydric Soil Present? Yes X No	within a Wetland? Yes <u>x</u> No
Wetland Hydrology Present? Yes k No	If yes, optional Wetland Site ID: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Remarks: (Explain alternative procedures here or in a separate report.)	ii yes, optional welland Site ID. WC-Ca-
PEM Datapoint for Welland 024	
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 Odd	or (C1) Crayfish Burrows (C8)
Sediment Deposits (B2) Oxidized Rhizosphere	
Drift Deposits (B3) Presence of Reduced	
Algal Mat or Crust (B4) Recent Iron Reduction	· · · · · · · · · · · · · · · · · · ·
Iron Deposits (B5) Thin Muck Surface (C Inundation Visible on Aerial Imagery (B7) Other (Explain in Rem	,
Inundation Visible on Aerial Imagery (B7) Other (Explain in Rem Sparsely Vegetated Concave Surface (B8)	
Field Observations:	X FAC-Neutral Test (D5)
Surface Water Present? Yes NoK_ Depth (inches):	
Water Table Present? Yes No No 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, prev	vious inspections), if available:
Remarks:	
	l l

VEGETATION - Ose scientific flames of plants	Absolute Dominant Indicator	
Tree Stratum (Plot size: 30)	% Cover Species? Status	Dollillance real Workshoot,
1/		Number of Dominant Species That Are OBL, FACW, or FAC: (A)
2		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:(A/B)
5		That Ale Obl. 1 AOW, OT AO. 100 0
6		Prevalence Index worksheet:
7		
	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 5')		FACW species x 2 =
1		FAC species x 3 =
2.		FACU species x4 =
3		UPL species x 5 =(B)
-		Column Totals: (A) (B)
<b>4</b>		Prevalence Index = B/A =
6.		Hydrophytic Vegetation Indicators:
7.	i	1 - Rapid Test for Hydrophytic Vegetation
	d = Total Cover	2 - Dominance Test is >50%
Herb Stratum (Plot size: 5')		3 - Prevalence Index is ≤3.0¹
1. Phalans arundinacean	800 Y FACU	4 - Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet)
2. Cythun Salienum	20-6 Y 013C	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		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.
	_ lcಲ್ನಿ = Total Cover	
Woody Vine Stratum (Plot size: 32 )		
1		-   1
2.		Hydrophytic  Vegetation
3.		Present? Yes No
4.		_
-	= Total Cover	
Remarks: (Include photo numbers here or on a separa	te sheet.)	-

Profile Desc	cription: (Describe	to the dep	th needed to docu	ment the i	ndicator	or confirm	the absence of i	ndicators.)	
Depth	Matrix		Redo	x Features	S				
(inches)	Color (moist)	%	Color (moist)	%	_Type <sup>1</sup> _	<u>Loc²</u>	Texture	Remarks	
0-8	ICAROL	90%	7.sypsly	10.6	<u> </u>	1	<u>s.·c</u>		
8-20	164123/2	65%	7.5405/8	35%	_c_	M			
						_			
						<del></del>			
		· ——							
ĺ									
¹Type: C=Co	oncentration, D=Dep	letion. RM=	Reduced Matrix. M	S=Masked	Sand Gra	ins.	<sup>2</sup> Location: PI	_=Pore Lining, M=Ma	ntrix.
Hydric Soil	Indicators:						Indicators for	Problematic Hydric	Soils <sup>3</sup> :
Histosol	(A1)		Polyvalue Belo	w Surface	(S8) ( <b>LR</b> R	R,	2 cm Muck	(A10) (LRR K, L, M	LRA 149B)
	pipedon (A2)		MLRA 149B	•				rie Redox (A16) ( <b>LR</b> I	
	stic (A3)	•	Thin Dark Surfa					y Peat or Peat (S3)	
_	n Sulfide (A4) I Layers (A5)		Loamy Mucky N Loamy Gleyed			L)		ce (S7) ( <b>LRR K, L, N</b> Below Surface (S8) (	
	d Below Dark Surfac	e (A11)	Depleted Matrix		,			Surface (S9) (LRR K	
	rk Surface (A12)		Redox Dark Su					anese Masses (F12)	
-	lucky Mineral (S1)		Depleted Dark		7) .		Piedmont F	Floodplain Soils (F19	) (MLRA 149B)
1	leyed Matrix (S4)		Redox Depress	ions (F8)				dic (TA6) (MLRA 14	1A, 145, 149B)
	edox (S5) Matrix (S6)							t Material (F21)	40)
	face (S7) (LRR R, N	ILRA 149R	1					ow Dark Surface (TF lain in Remarks)	12)
_	(, (,		,				011101 (EXP	iam in Nomarko,	
	hydrophytic vegetat		land hydrology mus	t be prese	nt, unless	disturbed o	or problematic.		
Restrictive L	ayer (if observed):								
Туре:	NIA								
Depth (inc	ches): NA	· · · · · · · · · · · · · · · · · · ·					Hydric Soil Pres	sent?Yes	_ No
Remarks:							, ,		
							*		
									4
									j
									*

## WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region tavia-Lockport Article VII City/County: Niagara County Sampling D

Project/Site: NG Batavia-Lockport Article VII City/	/County: Niagara County Sampling Date: 8 /3//9
Applicant/Owner: National Grid	State: NY Sampling Point: DP- 27
Investigator(s): James Ireland Section	tion, Township, Range: Town of Royalton
and the second s	elief (concave, convex, none): <u>Convex</u> Slope (%): / %
	Long: -78, 5265/3 Datum: NAD '83
Soil Map Unit Name: Le - La Kament Silky clay born, Gw	
Are climatic / hydrologic conditions on the site typical for this time of year?	
Are Vegetation, Soil, or Hydrology significantly distu	
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 No >
Wetland Hydrology Present? Yes No ^	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	
Woland Dalapane for betland 024	
pland Nampor	
·	
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)	
Water Marks (B1) Hydrogen Sulfide Oc	dor (C1) Crayfish Burrows (C8)
	res on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduce	· · · — · · ·
Algal Mat or Crust (B4) Recent Iron Reduction	, , , , ,
Iron Deposits (B5) Thin Muck Surface (	· · · · · · · · · · · · · · · · · · ·
Inundation Visible on Aerial Imagery (B7) Other (Explain in Re	
Sparsely Vegetated Concave Surface (B8) Field Observations:	FAC-Neutral Test (D5)
Surface Water Present? Yes No Depth (inches): ^	
Water Table Present? Yes No Depth (inches):	
Saturation Present? Yes No Depth (inches):	Wetland Hydrology Present? Yes No
(includes capillary fringe)	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre	evious inspections), if available:
Remarks:	

7.1	Absolute		Dominance Test worksheet:
Tree Stratum (Plot size: 3c')	<u>% Cover</u>	Species? Status	Number of Dominant Species
1			That Are OBL, FACW, or FAC:(A)
2			
2			Total Number of Dominant Species Across All Strata:  (B)
3			Species Across All Strata: (B)
4		·	Percent of Dominant Species
			Percent of Dominant Species That Are OBL, FACW, or FAC: 33% (A/B)
5			
6			Prevalence Index worksheet:
7	_		Total % Cover of: Multiply by:
	a	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: /ś' )			FACW species x 2 =
			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 =
V			Liver physic Venetation in directors
6			Hydrophytic Vegetation Indicators:
7			1 - Rapid Test for Hydrophytic Vegetation
		= Total Cover	2 - Dominance Test is >50%
	<u> </u>	= Total Cover	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size:)		V	4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1. Dipsas lecinialis	35%	FAW	data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain)
2. Solidaça ranadersis	Dece	Y FACU	Problematic Hydrophytic Vegetation (Explain)
3. Fulhamis grammaifalia	20%	Y FAC	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4. Phlen pertere	15%	N FACU	be present, unless disturbed or problematic.
4. Meur provise	130		D 0 111 CV
5. Colous lacamesa	1000	_N FAC	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
			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.
1	100%	= Total Cover	
Woody Vine Stratum (Plot size:)			
VVOODY VIIIe Stratum (Flot size)			
1			
2.			Hydrophytic Vegetation
			Present? Yes No
3			11000111
4			
	Q·	= Total Cover	
D		- 10(a) 00701	<u> </u>
Remarks: (Include photo numbers here or on a separate	sneet.)		

Profile Description: (Describe to the	epth needed to docun	nent the indica	tor or confirm	the absence of ind	icators.)
Depth Matrix		x Features	1 . 2		
(inches) Color (moist) %	Color (moist)	<u>%</u> Tyr	be <sup>1</sup> Loc <sup>2</sup>	S:LC	Remarks
0-8 10 y 03 13 100°				<u> </u>	
8-20 10403/2 Cool	7.54R510	400% c	_ 1_		
Type: C=Concentration, D=Depletion, F Hydric Soll Indicators:  Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 1)	M=Reduced Matrix, MS  — Polyvalue Below MLRA 149B)  — Thin Dark Surfa — Loamy Mucky M — Loamy Gleyed M — Depleted Matrix Y Redox Dark Sur — Depleted Dark S — Redox Depressi	=Masked Sand v Surface (S8) ( ce (S9) (LRR Filineral (F1) (LR Matrix (F2) (F3) face (F6) Surface (F7)	LRR R, R, MLRA 149B)	Indicators for Program 2 cm Muck (A Coast Prairie 5 cm Mucky Farm Dark Surface Polyvalue Bel Thin Dark Sur Iron-Mangane Piedmont Flo Mesic Spodic Red Parent M Very Shallow	Pore Lining, M=Matrix.  oblematic Hydric Soils <sup>3</sup> :  10) (LRR K, L, MLRA 149B)  Redox (A16) (LRR K, L, R)  Peat or Peat (S3) (LRR K, L, R)  (S7) (LRR K, L, M)  low Surface (S8) (LRR K, L)  rface (S9) (LRR K, L)  ese Masses (F12) (LRR K, L, R)  odplain Soils (F19) (MLRA 149B)  (TA6) (MLRA 144A, 145, 149B)  flaterial (F21)  Dark Surface (TF12)  in in Remarks)
<sup>3</sup> Indicators of hydrophytic vegetation and Restrictive Layer (if observed):	wetland hydrology musi	t be present, ur	iless disturbed	or problematic.	
Type: $\lambda ! \Lambda$					
Depth (inches): VIA				Hydric Soil Prese	nt? Yes $\succ$ No
Remarks:	<del></del>	······································			

WEILAND DEIERWINATION DATA FO	DRM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII City	County: Nagara County Sampling Date: 8/3/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP-
Investigator(s): James Ireland	ction, Township, Range: Town of Royalken
Landform (hillslope, terrace, etc.): Tours.	elief (concave, convex, none): New Slope (%): 1%
Subregion (LRR or MLRA): <u>LRQ-L</u> Lat: <u>43. 143.547</u>	Slope (%): 7/6 Slope (%): 10/6
Soil Man Unit Name: RIA - QI. J. L. J. J. C. J.	Long: ~78. \$18 \$51 Datum: NAD '83
Soil Map Unit Name: RSA - Rhaebeck Sill loam, O to 2 pare	NWI classification: Not classified
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 distributed and $\underline{\mathcal{N}}$ , Soil $\underline{\mathcal{N}}$ , or Hydrology $\underline{\mathcal{N}}$ naturally problem	urbed? Are "Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology naturally probler	natic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing sa	mpling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No >	Is the Sampled Area
Hydric Soil Present? Yes No >	within a Wetland? Yes No $\lambda$
Wetland Hydrology Present? Yes No>	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	
111111111111111111111111111111111111111	19
Upland Date Pent for 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)
Surface Water (A1) Water-Stained Leave	· · · · · · · · · · · · · · · · · · ·
High Water Table (A2) Aquatic Fauna (B13)	- ( )
Saturation (A3) Marl Deposits (B15)	
Water Marks (B1) Hydrogen Sulfide Od	
	res on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduce	
	on in Tilled Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surface ( Inundation Visible on Aerial Imagery (B7) Other (Explain in Re	
<ul> <li>Inundation Visible on Aerial Imagery (B7)</li> <li>Sparsely Vegetated Concave Surface (B8)</li> </ul>	
Field Observations:	FAC-Neutral Test (D5)
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 _>_
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre	evious inspections), if available:
Remarks:	
	•

<b>VEGETATION</b>	– Use	scientific	names	of	plants
VEGETATION	- 030	20101111110	Harnes	$\sim$	piarico

201	Absolute Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 36')	% Cover Species? Status	Number of Dominant Species That Are OBL FACW, or FAC:  (A)
1		That Are OBL, FACW, or FAC: (A)
2		Total Number of Dominant Species Across All Strata: (B)
3		
4		Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
5		mat Ale Obl., 1 AOV, 011 No.
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 =
2.		FACU species x 4 =
		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		2 - Dominance Test is >50%
	<b>&amp;</b> = Total Cover	3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size: 5')	d. v FA61	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
1. Colin perene		Problematic Hydrophytic Vegetation¹ (Explain)
2		¹Indicators of hydric soil and wetland hydrology must
3		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.
9.		
10		Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
11.		,
12		Woody vines – All woody vines greater than 3.28 ft in height.
	Total Cover	
Woody Vine Stratum (Plot size: 36 3')		
Woody Vine Stratum (Plot size:)		
1		Hydrophytic
2		- Vegetation Present? Yes No
3		- Tresenti
4		-
Developed the barbar pumbers here or on a congret	= Total Cover	
Remarks: (Include photo numbers here or on a separat	e sneet./	
·		

Profile Des	cription: (Describe	to the de	pth needed to docui	ment the	indicator	or confirn	n the absence	of indicate	ors.)		
Depth	Matrix		Redo	x Feature	<u>s</u> ,	2					
(inches)	Color (mgist)		Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	<u>Texture</u>		Remarks		
0-//	104K 412	100					1.Ck				
11-20	1048 4/2	60	104×3/2	10	C	M	C-				
			/ <del> / / /</del>	115		11	<u> </u>		· · · · · · · · · · · · · · · · · · ·		
			104R5/2	10		79			· · · · · · · · · · · · · · · · · · ·		
			75YR 5/8	<u>20</u>	<u> </u>	4_					
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-											
1Tumo: C=C	Consentration D-D	leties DM					2, ,,				
Hydric Soil	oncentration, D=Dep	ietion, Rivi	=Reduced Matrix, MS	S=Masked	Sand Gra	ains.	Location:	PL=Pore	Lining, M=Ma matic Hydric	trix.	
Histoso			Polyvalue Belov	M Surface	/S8\ /I DE	) D			(LRR K, L, M		ים י
	pipedon (A2)		MLRA 149B)		(OO) (EIKI	· 1			ox (A16) ( <b>LRI</b>		
	istic (A3)		Thin Dark Surfa		.RR R, ML	RA 149B)			or Peat (S3) (		
	en Sulfide (A4)		Loamy Mucky N	/lineral (F1	) (LRR K,	L)			(LRR K, L, N		,
	d Layers (A5)		Loamy Gleyed I		)		Polyval	ue Below S	Surface (S8) (	LRR K,	L)
	d Below Dark Surface	e (A11)	Depleted Matrix						(S9) (LRR K		
	ark Surface (A12)		Redox Dark Sur		<b>→</b> \				Masses (F12)		
	Mucky Mineral (S1) Gleyed Matrix (S4)		Depleted Dark S Redox Depress	-	7)				ain Soils (F19		
	Redox (S5)		redox pepiess	10115 (1-0)				rent Materi	6) ( <b>MLRA 14</b> 4 ial (F21)	IA, 140,	1490)
	Matrix (S6)		· •						Surface (TF	12)	
	ırface (S7) (LRR R, N	/ILRA 149	В)					Explain in F		,	
<b>1</b>											
	f hydrophytic vegetat		etland hydrology mus	t be prese	nt, unless	disturbed	or problematic.				
	Layer (if observed):										
Type:								_			× 1
Depth (in	cnes):						Hydric Soil	Present?	Yes	. No_	
Remarks:											
			•								
									<i>J</i> .		
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WEILAND DEIERMI	NATION DATA FORM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article V	/II City/County: Genesee County Sampling Date: &/2/1/9
Applicant/Owner: National Grid	State: NY Sampling Point: DP- CS/
Investigator(s): James Ireland	Section, Township, Range: Town of
	Local relief (concave, convex, none): Concavt Slope (%): 34
Subregion (LRR or MLRA): LRA-L	Lat: 43 /437/3 Long: -78. 5/9099 Datum: NAD '83
	lean , 6 to 2 grant stops NWI classification: Not classification
	cal for this time of year? YesX No (If no, explain in Remarks.)
	No significantly disturbed? Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology	naturally problematic? (If needed, explain any answers in Remarks.)
	e map showing sampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	X No Is the Sampled Area
Hydric Soil Present? Yes	within a Wetland? Yes No
Wetland Hydrology Present? Yes	Y No If yes, optional Wetland Site ID: West 025
Remarks: (Explain alternative procedures here o	
PEM, Datogoons (	5 1 20 5 6 T
(C), Vatyport	1 MC-09(1)
1 A.	
The state of the s	
HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; c	heck all that apply) Surface Soil Cracks (B6)
	Water-Stained Leaves (B9) Drainage Patterns (B10)
	Aquatic Fauna (B13) Moss Trim Lines (B16)
	Marl Deposits (B15) Dry-Season Water Table (C2)
i e e e e e e e e e e e e e e e e e e e	Hydrogen Sulfide Odor (C1) Crayfish Burrows (C8) Oxidized Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
1	Presence of Reduced Iron (C4)  Stunted or Stressed Plants (D1)
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)	<u>⊀</u> FAC-Neutral Test (D5)
Field Observations:	
<b>1</b>	Depth (inches):
	Depth (inches):
Saturation Present? Yes No (includes capillary fringe)	Depth (inches): Wetland Hydrology Present? Yes No
	ng well, aerial photos, previous inspections), if available:
Remarks:	

1	Absolute Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 36')	% Cover Species? Status	Number of Deminent Species
1		Number of Dominant Species That Are OBL FACW or FAC:  (A)
'		That Are OBL, FACW, or FAC: (A)
2		Total Number of Dominant
		Total Number of Dominant
3		Species Across All Strata: (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:
		OBL species x 1 =
	- Fotol Govern	
Sapling/Shrub Stratum (Plot size: 15'	* k*	FACW species x 2 =
		FAC species x 3 =
1	<u> </u>	
2		FACU species x 4 =
		UPL species x 5 =
3	1	
		Column Totals: (A) (B)
4		
<sub>E</sub>		Prevalence Index = B/A =
5		
6		Hydrophytic Vegetation Indicators:
	· ·	1 Panid Test for Hudronhytic Vagatation
7	·	1 - Rapid Test for Hydrophytic Vegetation
		入 2 - Dominance Test is >50%
	= Total Cover	3 - Prevalence Index is ≤3.01
Herb Stratum (Plot size:)		<u> </u>
	- 7	4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1. Toba angustifela	70% Y 03L	data in Remarks or on a separate sheet)
2. Choolen sensibilis	2006 \$ N FACW	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
		Troblematic Hydrophytic Vegetation (Explain)
3. Alexan Mershy niveres	15do N FACW	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
U. THE PORT TO COLOR MY PERSONS		be present, unless disturbed or problematic.
4		be present, unless disturbed of problematic.
		Definitions of Vegetation Strata:
5		Deminations of Vegetation Strata.
[ <del></del>	· ——— ———— ———	
		Tree Monday plants 2 in (7.6 cm) or more in diameter
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.
6		at breast height (DBH), regardless of height.
6		at breast height (DBH), regardless of height.  Sapling/shrub – Woody plants less than 3 in. DBH
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6	IOS = Total Cover	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 Point: DP-631

	scription: (Describe	to the dep				or confirm	n the absence of inc	licators.)	
Depth (inches)	Matrix Color (moist)	%	Redo	x Feature:	<u>s</u> _ 1	. 2			
) - M-			Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup> _	<u>Texture</u>	Remarks	
5	DYR3 1	<u>///</u>					CL_	-	
5-20	1088411	85	75YR5/6	15	$\mathcal{C}$	M	Č		
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<sup>1</sup> Type: C=C	Concentration, D=Dep	letion, RM=	Reduced Matrix, MS	=Masked	Sand Gra	ins.	<sup>2</sup> Location: PL=F	Pore Lining, M=Matrix	
Hydric Soil	Indicators:						Indicators for Pro	oblematic Hydric Sc	oils³:
Histoso			Polyvalue Below	/ Surface (	(S8) ( <b>LRR</b>	R,		(10) (LRR K, L, MLR	
	pipedon (A2)		MLRA 149B)				Coast Prairie	Redox (A16) (LRR K	
	listic (A3)		Thin Dark Surfac	ce (S9) ( <b>L</b> l	RR R, ML	.RA 149B)	5 cm Mucky F	Peat or Peat (S3) ( <b>LR</b>	R K, L, R)
	en Sulfide (A4)		Loamy Mucky M	lineral (F1)	(LRR K,	L)	Dark Surface	(S7) (LRR K, L, M)	
	ed Layers (A5) ed Below Dark Surfac	o (A11)	Loamy Gleyed N				Polyvalue Bel	low Surface (S8) ( <b>LR</b>	R K, L)
	ark Surface (A12)	e (AII)	Depleted Matrix				Thin Dark Sur	face (S9) (LRR K, L)	· ·
	Mucky Mineral (S1)	•	Redox Dark Surf Depleted Dark S		7\		Iron-Mangane	ese Masses (F12) (LF	RR K, L, R)
	Gleyed Matrix (S4)	•	Redox Depression	•	,			odplain Soils (F19) ( <b>f</b> (TA6) ( <b>MLRA 144A,</b>	
	Redox (S5)	•	<u></u>	(. 0)			Red Parent M	(1740) ( <b>MLKA 144A,</b> Isterial (E21)	145, 1496)
	d Matrix (S6)							Dark Surface (TF12)	
Dark Su	ırface (S7) (LRR R, N	/ILRA 149B	)				Other (Explain	n in Remarks)	
3								,	
Indicators of	of hydrophytic vegetat	ion and wet	land hydrology must	be preser	nt, unless	disturbed (	or problematic.		
	Layer (if observed):								
Type:	N/A	<del></del>							
Depth (in	ches):						Hydric Soil Preser	nt? Yes <u> </u>	No
Remarks:									
								\$	
	,								

# WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: NG Batavia-Lockport Article VII City/C	County: Genesee County Sampling Date: 8/0/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP- CS3
	on, Township, Range: Town of Royalton
Landform (hillslope, terrace, etc.): Local rel	and the second second
	ief (concave, convex, none):
Subregion (LRR or MLRA): LRL: 43. /41992	
Soil Map Unit Name: OvA - Ovich sill lam , Oh 2 percent slepes	NWI classification: PSS I /FM IE
Are climatic / hydrologic conditions on the site typical for this time of year? Y	'es No (If no, explain in Remarks.)
Are Vegetation $\underline{\mathcal{N}}$ , Soil $\underline{\mathcal{N}}$ , or Hydrology $\underline{\mathcal{N}}$ significantly distur	bed? Are "Normal Circumstances" present? Yes No
Are Vegetation $N$ , Soil $N$ , or Hydrology $N$ naturally problems	atic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing sam	,
Hydrophytic Vegetation Present? Yes No x	Is the Sampled Area
Hydrophytic Vegetation Present? Yes No x Hydric Soil Present? Yes No >	within a Wetland? Yes No 入
Wetland Hydrology Present?	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	ii yes, optional vveitand Site ID.
, , , , , , , , , , , , , , , , , , , ,	
Upland Dala Point for welland	1 000
Mand Dala Point for welland	C 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) Saturation (A3) Aquatic Fauna (B13) Marl Deposits (B15)	· , , , , , , , , , , , , , , , , ,
Saturation (A3) Marl Deposits (B15) Water Marks (B1) Hydrogen Sulfide Odd	Dry-Season Water Table (C2)
	or (C1) Crayfish Burrows (C8) es on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduced	- · · · · · · · · · · · · · · · · · · ·
Algal Mat or Crust (B4) Recent Iron Reduction	· · · — · · · · · · · · · · · · · · · ·
Iron Deposits (B5) Thin Muck Surface (C	• • • • • • • • • • • • • • • • • • • •
Inundation Visible on Aerial Imagery (B7) Other (Explain in Rem	_ , , ,
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 _太_
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photos, prev	vious inspections) if available:
become recorded bata (officiant gauge, monitoring well, acrial priotos, pre-	nous inspections), if available.
	·
Remarks:	
	·

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

Tree Stratum (Plot size: 30')		Dominant 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:  Q (B)
4	·		· <del></del>	Percent of Dominant Species That Are OBL, FACW, or FAC:
5				That Are OBL, FACW, or FAC: SO
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
		= Total Cov	/er	OBL species x1 =
Sapling/Shrub Stratum (Plot size: 15')				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 =
6				Hydrophytic Vegetation Indicators:
7.				1 - Rapid Test for Hydrophytic Vegetation
		= Total Cov	.er	2 - Dominance Test is >50%
Herb Stratum (Plot size:)		_   Otal 00	rci	3 - Prevalence Index is ≤3.0 <sup>1</sup>
1. Solidano canandensis	50%		FACU	4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
2. Symphystrichum novice - angline	30 do	<u>y</u>	FACW	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Assegias syriaca	15%		UPL	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4. Spiraca also			FACW	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.
9			. ——	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.
	lastu	_= Total Co	ver	
Woody Vine Stratum (Plot size:36')				
1				Hydrophytic
2				Vegetation
3				Present? Yes No
4		= Total Co		
Remarks: (Include photo numbers here or on a separate	e sheet )	_ = 10tal C0		
Tremarks. (Include prote humbers here of on a separate	3 011001.7			

Profile Des	cription: (Describe	to the de	pth needed to docu	ment the	indicator	or confirm	n the absence	of indicators.)
Depth	Matrix	-		x Feature	s			•
(inches)	Color (moist)	%	Color (moist)	%	_Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks
1-10	104R3/2	90	75 YK 5/6	10		M	LC	
10-20	104R4/2	60	754R5/6	30	$\mathcal{C}$	~		
	19		1.40 3/	_		•		
<u> </u>		· — ,	101K 3/2	10	<u>C</u>	<u>M</u> _		
								The second secon
	-					·- <u></u>		
							•	
					·			
								· · · · · · · · · · · · · · · · · · ·
	-		<del></del>					
¹Type: C=Ce	oncentration, D=Den	letion RM	l=Reduced Matrix, M	S=Masked	Sand Gr	aine	21 ocation	PL=Pore Lining, M=Matrix.
Hydric Soil	Indicators:	1011011, 1111	Troudoud Matrix, W	O MIGOROG	ound Or	unio.		for Problematic Hydric Soils <sup>3</sup> :
Histosol	(A1)		Polyvalue Belo	w Surface	(S8) (LRI	R R,		luck (A10) (LRR K, L, MLRA 149B)
	oipedon (A2)		MLRA 149B		. , ,			Prairie Redox (A16) (LRR K, L, R)
Black Hi	, ,		Thin Dark Surfa					lucky Peat or Peat (S3) (LRR K, L, R)
	en Sulfide (A4)		Loamy Mucky I			(, L)		urface (S7) (LRR K, L, M)
	d Layers (A5) d Below Dark Surface	- (Δ11)	Loamy Gleyed Depleted Matrix		)			iue Below Surface (S8) (LRR K, L) ark Surface (S9) (LRR K, L)
	ark Surface (A12)	5 (* 11 1)	★ Redox Dark Su					anganese Masses (F12) (LRR K, L, R)
l	lucky Mineral (S1)		Depleted Dark		7)			ont Floodplain Soils (F19) (MLRA 149B)
	Gleyed Matrix (S4)		Redox Depress	ions (F8)			Mesic S	Spodic (TA6) (MLRA 144A, 145, 149B)
	Redox (S5)							arent Material (F21)
	Matrix (S6) rface (S7) ( <b>LRR R, N</b>	N DA 440	B\					hallow Dark Surface (TF12)
Built Gui	nace (Or) (ERICIC, II	ILIXA 173	۵,				Other (	Explain in Remarks)
<sup>3</sup> Indicators of	f hydrophytic vegetat	ion and w	etland hydrology mus	st be prese	nt, unless	disturbed	or problematic	
Restrictive I	ayer (if observed):							
Type:			•					,
Depth (inc	ches):		•				Hydric Soil	Present? Yes <u>-                                   </u>
Remarks:							<u> </u>	-
:								·
								•
								· •
								İ

	ΓA FORM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII	City/County: Miggar County Sampling Date: 8/2/19  State: NY Sampling Point: DP-083  Section, Township, Range: Town of Roya/km
Applicant/Owner: National Grid	State: NY Sampling Point: DP- V33
Investigator(s): James Ireland	Section Township Range: Town of Rawa/km
Landform (hillslone terrace etc.):	Local relief (concave, convex, none): Slope (%): Vec_lc
Subregion (LRR or MLRA): LR2-L Lat: 43, 1449	267 Long: -76, 509 598 Datum: NAD '83
	On 3 percent NWI classification: PSS 1/ ENIE
Are climatic / hydrologic conditions on the site typical for this time of	'
• -	ntly disturbed? Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology naturally	
SUMMARY OF FINDINGS – Attach site map showi	ng sampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present?  Hydric Soil Present?  Wetland Hydrology Present?  Remarks: (Explain alternative procedures here or in a separate re	
PEM welland Datespoint for W	
HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that appl	
1	ed Leaves (B9) Drainage Patterns (B10)
✓ High Water Table (A2) — Aquatic Fau	
Saturation (A3) Marl Deposi	
Water Marks (B1) Hydrogen Si	1
	izospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
4 ·	Reduced Iron (C4) Stunted or Stressed Plants (D1)
Algai Mat or Crust (B4) Recent Iron	Reduction in Tilled Soils (C6)
Iron Deposits (B5) Thin Muck S	Surface (C7) Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7) Other (Expla	
Sparsely Vegetated Concave Surface (B8)	x FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No Depth (inch	
Water Table Present? Yes X No Depth (inch	nes): 🧆 12
Saturation Present? Yes <u>k</u> No Depth (inch (includes capillary fringe)	wes): 88 Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, monitoring well, aerial ph	otos, previous inspections), if available:
Remarks:	

Tree Stratum (Plot size: 304 )   Absolute   Dominant Indicator   Seciles?   Status   Seciles?   Status   Seciles?   Status   Status   Seciles?   Status   Status   Seciles?   Status   Status   Status   Seciles?   Status   Status   Status   Status   Status   Seciles?   Status   Sta	<u> </u>	41 1 1	5	
1	True Otrations (Districts 20th)	Absolute		L Dominance Test Worksheet:
That Are OBL_FACV_Or FAC:	Tiee Stratum (Plot size:)	% Cover	Species? St	Number of Deminent Species
Total Number of Dominant Species Across All Strata:  Total Species Across All Strata:  Percent of Dominant Species That Are OBL, FACW, or FAC:  Total Scover of: Multiply by: OBL species	1			
Species Across All Stratus				
Percent of Dominant Species That Are OBL, FACW, or FAC:    Cock	2			1
That Are OBL, FACW, or FAC:   Coccle   (A)	3			Species Across All Strata: (B)
That Are OBL, FACW, or FAC:   Coccle   (A)	1			
Prevalence Index worksheet:   Total & Cover of:   Multibly by:		•		That Are ODL EACIAL OF EAC. (COCK (AID)
Total % Cover of:	5			That Are OBL, FACW, OF FAC: (A/B)
Total % Cover of:	6			
Sapling/Shrub Stratum (Plot size:				Prevalence Index worksheet:
Sapiling/Shrub Stratum (Plot size:	7			Total % Cover of: Multiply by:
Sapling/Shrub Stratum (Plot size:		d	= Total Cover	
FACU speciesx 4 =	-dk		- Total Gover	
FACU speciesx 4 =	Sapling/Shrub Stratum (Plot size: 15 %)			
FACU species	1.			FAC species x 3 =
2.				FACU species x 4 =
Column Totals:	2			
Prevalence Index = B/A =  Prevalence Index = B/A =  Herb Stratum (Plot size: 5' )  1. Typhs angust: Gire  Solv Y CGC  2. Phalus: A rend inacce	3.			!
Frevalence Index = B/A =    Hydrophytic Vegetation Indicators:   1 - Rapid Test for Hydrophytic Vegetation				Column Lotals: (A) (B)
Hydrophytic Vegetation Indicators:   Y   1. Rapid Test for Hydrophytic Vegetation	4,			Describeros la descripción de
6	5			Prevalence Index = B/A =
7				Hydrophytic Vegetation Indicators:
## Total Cover    Herb Stratum (Plot size: 51 )   ## Total Cover   ## Stratum (Plot size: 51 )   ## Total Cover   ## Stratum (Plot size: 51 )   ## Total Cover   ## Stratum (Plot size: 51 )   ## Total Cover   ## Stratum (Plot size: 51 )   ## Total Cover   ## Stratum (Plot size: 36	0			<del></del>
Herb Stratum (Plot size: 5! )   1   Typhs   annustician   2   Phalaus Atendrinace   30° b   Y   DACk   2   Phalaus Atendrinace   30° b   Y   DACk   2   Phalaus Atendrinace   30° b   Y   DACk   2   Problematic Hydrophytic Vegetation (Explain)   1   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 diamet 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 vines greater than 3.28 ft in height.   Woody vines g	7			<u></u>
Stratum (Plot size:		<b>*</b>	- Total Cover	│ <u>└</u> 2 - Dominance Test is >50%
Herb Stratum (Plot size:)   1. Typh	1	Y	- Total Cover	3 - Prevalence Index is ≤3.01
data in Remarks or on a separate sheet)  2. Problematic Hydrophytic Vegetation¹ (Explain)  3.	Herb Stratum (Plot size:)			
2. Mair.s Arendinaces Solo Y Extr.  3	1 Trake and A file	8001	Ус	data in Remarks or on a separate sheet)
3	21	- <del>- 00 -</del>		<del></del>
be present, unless disturbed or problematic.  5	2. Malais arundinacen	300		Problematic Hydrophytic Vegetation (Explain)
be present, unless disturbed or problematic.  5	3.			Indicators of hydric soil and wetland hydrology must
Definitions of Vegetation Strata:  Tree – Woody plants 3 in. (7.6 cm) or more in diamet 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 in height.  Woody Vine Stratum (Plot size:				
6	4			
Tree – Woody plants 3 in. (7.6 cm) or more in diamet 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.  Woody vines – All woody vines greater than 3.28 ft in height.  Hydrophytic Vegetation Present?  Yes No	5.			Definitions of Vegetation Strata:
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.  Woody vines — All woody vines greater than 3.28 ft in height.  Hydrophytic Vegetation Present? Yes				
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.  Woody Vine Stratum (Plot size:	0			Tree – Woody plants 3 in. (7.6 cm) or more in diameter
8	7			at bleast height (DBH), regardless of height.
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.  Woody Vine Stratum (Plot size: 36)  Hydrophytic Vegetation Present? Yes V No				Sanling/shrub Woody plants less than 3 in DBH
9	0	·		
10	9			
11				
12				size, and woody plants less than 3.28 ft tall.
12	11			XX/1 All h
130% = Total Cover	12.			
Woody Vine Stratum (Plot size:	·			neight.
1		1300	= Total Cover	
1	Woody Vine Stratum (Plot size: 36)			
2	,			
2	1,			
3	2.			
4				Vegetation Vegetation
	3			Plesent? Tes No
	4			•
		<u>A</u>		
Remarks: (Include photo numbers here or on a separate sheet.)			= Total Cover	
	Remarks: (Include photo numbers here or on a separate	sheet.)		

Profile Desc	ription: (Describe t	o the dep	th needed to docume	ent the ir	ndicator	or confirm	the absence	of indicators.)
Depth	Matrix			Features		. 2		
(inches)	Color (moist)		Color (moist)		Type <sup>1</sup>	_Loc²	Texture	Remarks
<u>0-12</u>	ICYROLI		#7.5 Yns/8				<u> </u>	
12-20	10 y R 4 (1	8000	7.5 YR 5/6	20%			<u> </u>	
			<del></del>					
<del></del>								
				<del></del>				
¹Type: C=Co	oncentration, D=Depl	etion, RM=	=Reduced Matrix, MS=	Masked	Sand Gra	ins.	<sup>2</sup> Location	: PL=Pore Lining, M=Matrix.
Hydric Soil I								for Problematic Hydric Soils <sup>3</sup> :
Histosol			Polyvalue Below S	Surface (	S8) ( <b>LRR</b>	R,		luck (A10) (LRR K, L, MLRA 149B)
Histic Ep	oipedon (A2) stic (A3)		MLRA 149B) Thin Dark Surface	e (S9) (LI	RR R. ML	RA 149B)		Prairie Redox (A16) (LRR K, L, R) lucky Peat or Peat (S3) (LRR K, L, R)
	n Sulfide (A4)		Loamy Mucky Mir					urface (S7) (LRR K, L, M)
	Layers (A5)		Loamy Gleyed Ma					lue Below Surface (S8) (LRR K, L)
	l Below Dark Surface irk Surface (A12)		Depleted Matrix (Fix Redox Dark Surfa					ark Surface (S9) (LRR K, L)
	ucky Mineral (S1)		Depleted Dark Suna		7)			anganese Masses (F12) (LRR K, L, R) ont Floodplain Soils (F19) (MLRA 149B)
	leyed Matrix (S4)		Redox Depression		,			Spodic (TA6) (MLRA 144A, 145, 149B)
	edox (S5)						Red Pa	arent Material (F21)
	Matrix (S6)	L D A 4405						hallow Dark Surface (TF12)
Dark Sur	face (S7) (LRR R, M	LRA 149E	3)				Otner (	Explain in Remarks)
		on and we	tland hydrology must b	e presei	nt, unless	disturbed o	or problematic	
	ayer (if observed):							
Type:	NA							
Depth (inc	thes): V/A						Hydric Soil	Present? Yes <u>X</u> No
Remarks:								
								·
								•

WEILAND DETERMINATION DATA FO	ORM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII City	y/County: Genesee County Sampling Date: 8/03/19
Applicant/Owner: National Grid	State: NY Sampling Point: DP- 085
Investigator(s): James Ireland Sec	ction, Township, Range: Town of
	relief (concave, convex, none): Concave Slope (%): 2 to
Subregion (LRR or MLRA): LRR-L Lat: 43.118635	Long: - 78, 45) 999 Datum: NAD '83
Soil Map Unit Name: Wy - Way and Soils complex, O to 3 percent	slows from the Phone No (passification: 0) (1)
Are climatic / hydrologic conditions on the site typical for this time of year?	Yes Y No (If no explain in Remarks )
Are Vegetation $N$ , Soil $N$ , or Hydrology $N$ significantly dist	Urbed? Are "Normal Circumstances" present? Vos V' No
Are Vegetation, Soil, or Hydrology naturally problem	matic? (If needed, explain any answers in Remarks.)
	impling point locations, transects, important features, etc.
	Is the Sampled Area
Hydrophytic Vegetation Present?  Yes   No  Hydric Soil Present?  Yes   No	within a Wetland? Yes <u>\( \lambda \) No</u>
Wetland Hydrology Present? Yes Yes No	If yes, optional Wetland Site ID: WL-O 3第3
Remarks: (Explain alternative procedures here or in a separate report.)	in you, ophonial vveniand one ib.
PSS-Dulypen for Varland 027	
HYDROLOGY	
Wetland Hydrology Indicators:	Consider to the first of the fi
Primary Indicators (minimum of one is required; check all that apply)	Secondary Indicators (minimum of two required)
Surface Water (A1) Water-Stained Leav	Surface Soil Cracks (B6) /es (B9)
High Water Table (A2) Aquatic Fauna (B13	
Saturation (A3) Marl Deposits (B15)	
Water Marks (B1) Hydrogen Sulfide O	
Sediment Deposits (B2) Oxidized Rhizosphe	eres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduce	
Algal Mat or Crust (B4) Recent Iron Reducti	ion in Tilled Soils (C6) $\underline{\hspace{0.1cm} \succeq}\hspace{0.1cm}$ Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surface (	· · · · · · · · · · · · · · · · · · ·
Inundation Visible on Aerial Imagery (B7) Other (Explain in Re	
Sparsely Vegetated Concave Surface (B8) Field Observations:	FAC-Neutral Test (D5)
Surface Water Present? Yes No 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, pro-	evious inspections), if available:
Remarks:	
	er en en en en en en en en en en en en en

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

VEGETATION - Ose scientific flattics of plant		<u></u>
	Absolute Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:30 <sup>1</sup> )	% Cover Species? Status	Number of Dominant Species
1		Number of Dominant Species That Are OBL, FACW, or FAC:  (A)
as 1		
2		Total Number of Dominant Species Across All Strata:  (B)
3		Species Across All Strata: (B)
4		Percent of Dominant Species
		Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
5		
6	·	Prevalence Index worksheet:
		1
7		Total % Cover of: Multiply by:
	= Total Cover	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 151)		FACW species x 2 =
Sapling/Shrub Stratum (Plot size:)		
1. Jalix nigra	<u>60%</u>	
2. Apocynum cannabinum	30% Y FAC	FACU species x +
2. Apocynum cannabinum		UPL species x 5 =
3		Column Totals: (A) (B)
4		
		Prevalence Index = B/A =
5		
6		Hydrophytic Vegetation Indicators:
<del></del>		1 - Rapid Test for Hydrophytic Vegetation
7		2 - Dominance Test is >50%
	<u> 96%</u> = Total Cover	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size:)		
Herb Stratum (Plot size)	and V .21	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
1. Salix nigra	_ 30°6	data in Remarks of off a separate sheety
2		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
		<sup>1</sup> Indicators of hydric soil and wetland hydrology must
3		be present, unless disturbed or problematic.
4		be present, unless distarbed of problematic.
		Definitions of Vegetation Strata:
5		•
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	•	and greater than or equal to energy the
		Herb - All herbaceous (non-woody) plants, regardless of
10		size, and woody plants less than 3.28 ft tall.
11		
111		Woody vines – All woody vines greater than 3.28 ft in
12		height.
	<u> 30%</u> = Total Cover	
Woody Vine Stratum (Plot size:	<del></del>	
1. Kars Vils signain	20010 Y TAC	
·	•	Hydrophytic
2	<del> </del>	- Vegetation
3.		Present? Yes X No
4		-
	<u> Əcelo</u> = Total Cover	
Remarks: (Include photo numbers here or on a separa	ate sheet.)	
, and the same of	-	
i		
1		

Profile Desc	ription: (Describe	to the dep	oth needed to docur	ment the i	ndicator	or confirm	the absence of in	dicators.)		
Depth	Matrix		Redo	x Features	<u>s</u>					
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		Remarks	<u> </u>	
0-8	10yR 3/1	100-4					<u> </u>			
8-20	loyRs11	Wio	7.5 YR 5/6	30cl			<u> </u>			
			104R St.	10%	C	1				
						<del></del>			<del></del>	
	·									
				-						
¹Type: C=Co	ncentration, D=Depl	etion, RM=	=Reduced Matrix, MS	S=Masked	Sand Gra	ins.	<sup>2</sup> Location: PL=	Pore Lining, M=Ma	atrix.	
Hydric Soil I	ndicators:							roblematic Hydric		
Histosol			Polyvalue Belov		(S8) ( <b>LRR</b>	R,		A10) (LRR K, L, M		
Histic Ep Black His	ipedon (A2) stic (A3)		MLRA 149B) Thin Dark Surfa		DD D MI	DA 140D\	Coast Prairie	Redox (A16) (LR		
	n Sulfide (A4)		Loamy Mucky M	lineral (F1)	) (LRR K.	L)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L, M)			
	Layers (A5)		Loamy Gleyed N	Matrix (F2)		•	Polyvalue Below Surface (S8) (LRR K, L)			
	Below Dark Surface	(A11)	∠ Depleted Matrix				Thin Dark Surface (S9) (LRR K, L)			
	rk Surface (A12) ucky Mineral (S1)		Redox Dark Sur Depleted Dark S		7)		Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B)			
	eyed Matrix (S4)		Redox Depressi		' '		Pleamont Floodplain Solls (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B)			
	edox (S5)							Material (F21)	,,,	
	Matrix (S6)							v Dark Surface (TF	12)	
Dark Sun	face (S7) (LRR R, M	LRA 149E	3)				Other (Expla	in in Remarks)		
<sup>3</sup> Indicators of	hydrophytic vegetati	on and we	tland hydrology musi	t be preser	nt, unless	disturbed	or problematic.			
Restrictive L	ayer (if observed):			· ·						
Type:	NA									
Depth (incl	hes): <i>N</i> /4						Hydric Soil Prese	ent? Yes 🗶	No	
Remarks:				-	-					

WETLAND DETERMINATION DATA FORM -	- Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII City/County	v: Genesee County Sampling Date: 8/23/19
	State: NY Sampling Point: DP-086
Investigator(s): James Ireland + Nicou Outcher Section, To	
Landform (hillslope, terrace, etc.): Hillslope Local relief (co	
Subregion (LRR or MLRA): LQQ-L Lat: 43, 12468	
Soil Map Unit Name: On C - Ontario loam - & to 16 percent slopes	
Are climatic / hydrologic conditions on the site typical for this time of year? Yes	
Are Vegetation N, Soil N, or Hydrology N significantly disturbed?	
Are Vegetation, Soil, or Hydrology naturally problematic?	(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map showing sampling	ng point locations, transects, important features, etc.
Hydric Soil Present? Yes No	he Sampled Area hin a Wetland?  Yes No X es, optional Wetland Site ID:
	A Comment
Upland data point for wetland 623. wmA. hocated along edge of inactive	On apposite side of loneworder
wma. hocated also at Character	f. G.
and edge of macine	- Jam Ireld.
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)
<ul> <li>Water Marks (B1)</li> <li>Sediment Deposits (B2)</li> <li>Hydrogen Sulfide Odor (C1</li> <li>Oxidized Rhizospheres on</li> </ul>	
Oxidized Rrizospheres on Oxidized Rrizospheres on Presence of Reduced Iron	Living Roots (C3) Saturation Visible on Aerial Imagery (C9) (C4) Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4)  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 Remarks)	
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No Depth (inches): -	
Water Table Present? Yes NoX Depth (inches):	V
Saturation Present? Yes NoX Depth (inches):	Wetland Hydrology Present? Yes No X
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous	inspections), if available:
Remarks:	
No wetter hydrology observed,	
, , ,	
·	

7.1	Absolute			Dominance Test worksheet:
Tree Stratum (Plot size: 3c' )		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 That Are OBL, FACW, or FAC: 25% (A/B)
5				That Ale OBL, FACW, of FAC (Alb)
6				Prevalence Index worksheet:
7				
				Total % Cover of: Multiply by:
,	<u> 4</u>	= Total Co	/er	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: '5')				FACW species x 2 =
1. Coniceron laborica	35%	γ	FAN	FAC species x 3 =
				FACU species x 4 =
2				UPL species x 5 =
3				Column Totals: (A) (B)
4				
				Prevalence Index = B/A =
5				Hadronbutic Venetation Indicators:
6				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation
	35%	= Total Co	ver	2 - Dominance Test is >50%
Herb Stratum (Plot size:5')				3 - Prevalence Index is ≤3.0 <sup>1</sup>
1. La Solidaza Canandos	250/0	ÿ	FACU	4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
				Problematic Hydrophytic Vegetation¹ (Explain)
2. Cirsium aivense	30-6		FAOL	i robicinatio i iyaropriyato vegetation (Explanty
3. Conject talurion	1500	<i>N</i>	FACU	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4. Lolum perenne		N	FACU	be present, unless disturbed or problematic.
5. Ginus Sericea			FACW	Definitions of Vegetation Strata:
6. Taxaxam officiale			FACU	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
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.
	2006	= Total Co	vor	117.5
- /	100-10	_ = 10(a) 00	VCI	
Woody Vine Stratum (Plot size:)				
1. Vitis riparia	10%		FAC	
2			•	Hydrophytic
<u> </u>				Vegetation Present?  Yes No
				Presenti res no
3				
3				
3	10%	= Total Co	 ver	

Profile Desc	ription: (Describe to	the dept	h needed to docur	nent the i	ndicator o	or confirm	the absence o	of indicators.)
Depth	Matrix			x Features	<u>s</u> ,	. 2		
(inches)	Color (moist)		Color (moist)	%	_Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-20	7.54R4/3	100					_SiL	
							<del></del>	
<u> </u>								
								· · · · · · · · · · · · · · · · · · ·
								·
¹Type: C=Co	oncentration, D=Deple	tion RM=	Peduced Matrix MS	=	Sand Gra	ine	2l postion:	PL=Pore Lining, M=Matrix.
Hydric Soil	ndicators:	tion, reivi-i	teddced Matrix, Mc	o-iviaskeu	Gario Gra			or Problematic Hydric Soils <sup>3</sup> :
Histosol			Polyvalue Belov	v Surface	(S8) (LRR	R.		uck (A10) (LRR K, L, MLRA 149B)
	ipedon (A2)	-	MLRA 149B)		(/ (	• • •		rairie Redox (A16) (LRR K, L, R)
Black His	stic (A3)	_	Thin Dark Surfa					ucky Peat or Peat (S3) (LRR K, L, R)
	n Sulfide (A4)	-	Loamy Mucky M			L)		ırface (S7) (LRR K, L, M)
	l Layers (A5) l Below Dark Surface (	- - -	Loamy Gleyed I		)			ue Below Surface (S8) (LRR K, L)
1	irk Surface (A12)	(A11) _	Depleted Matrix Redox Dark Sur					rk Surface (S9) (LRR K, L) nganese Masses (F12) (LRR K, L, R)
	ucky Mineral (S1)	-	Depleted Dark S		7)			nt Floodplain Soils (F19) (MLRA 149B)
	leyed Matrix (S4)	_	Redox Depressi		•,			podic (TA6) (MLRA 144A, 145, 149B)
	edox (S5)			` ,				rent Material (F21)
	Matrix (S6)							allow Dark Surface (TF12)
Dark Sur	face (S7) (LRR R, ML	.RA 149B)					Other (E	Explain in Remarks)
<sup>3</sup> Indicators of	hydrophytic vegetatio	n and wet	and hydrology mus	t he nrese	nt unless	disturbed (	or problematic	
	.ayer (if observed):		and mydrology mas	- Do prodo	nt, amou	diotarbea	problematic.	
Type:	NA							
Depth (inc	hes):						Hydric Soil P	Present? Yes No
Remarks:	-/							
h	16 h. 1.	0 1.	, ,					
•	llo hydric.	20112	obsence	1				
	•					Á		

#### WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII City/County: Genesee County Sampling Date: S/20/19 Applicant/Owner: National Grid State: NY \_\_\_\_ Sampling Point: DP-657 Investigator(s): James Ireland Section, Township, Range: Town of Landform (hillslope, terrace, etc.): Below Local relief (concave, convex, none): Subregion (LRR or MLRA): LQQ-L Lat: \_\_\_\_\_\_ Lat: \_\_\_\_\_ \_\_\_\_\_ <sub>Datum:</sub> NAD '83 Soil Map Unit Name: ColA - Odussa silty day lan, Oh3 poort sleves 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 X 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. Hydrophytic Vegetation Present? is the Sampled Area Yes No 🗶 Yes X 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.) Upland Dila Pent for Welland 027 **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) \_\_\_ Drainage Patterns (B10) \_\_\_ Water-Stained Leaves (B9) \_\_\_ High Water Table (A2) \_\_\_ Aquatic Fauna (B13) \_\_\_ Moss Trim Lines (B16) Saturation (A3) \_\_\_ Marl Deposits (B15) \_\_\_ Dry-Season Water Table (C2) Water Marks (B1) \_\_\_ Hydrogen Sulfide Odor (C1) 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) Algal Mat or Crust (B4) \_\_\_ Recent Iron Reduction in Tilled Soils (C6) Geomorphic Position (D2) \_\_\_ Shallow Aquitard (D3) Iron Deposits (B5) \_\_\_ Thin Muck Surface (C7) 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? \_\_ No \_ 〉 Depth (inches): -Saturation Present? Wetland Hydrology Present? Yes \_\_\_\_ No 🔀 (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

VEGETATION Coc coloniale names of plants.				
		Dominant		Dominance Test worksheet:
Tree Stratum (Plot size:3o')	% 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:  (A/B)
5				That Are OBL, FACW, or FAC:
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
	d	= Total Cov	ıρτ	OBL species x 1 =
<u> </u>	<u> </u>	- Total Ool		· ·
Sapling/Shrub Stratum (Plot size: (5')				FACW species x 2 =
1. Coins Seicea	150%		FACW	FAC species x 3 =
· ·				FACU species x 4 =
2				UPL species x 5 =
3.				
				Column Totals: (A) (B)
4				
5				Prevalence Index = B/A =
				Hydrophytic Vegetation Indicators:
6				, , , ,
7				1 - Rapid Test for Hydrophytic Vegetation
		= Total Cov		2 - Dominance Test is >50%
		= Total Cov	/er	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size: 5')				
I	1.00	V	FACV	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
1. Lolium perenne	000		FACU	· · · · · · · · · · · · · · · · · · ·
2. Cirsum arvense	1506	<i>N</i>	FACU	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
		Non	UPL	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
3. Asclepias syriaca	2000			be present, unless disturbed or problematic.
4. Rubus idaeus	1500	_ <i>N</i>	FACV	be present, unless distarbed of presentatio.
1				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.
				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 0.20 it (1 iii) tail.
Į.				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.
	1100/00	= Total Co	ver	
Woody Vine Stratum (Plot size:)				
1,				
				Hydrophytic
2				Vegetation
3.				Present? Yes No
4				
	q'	= Total Co	ver	
Remarks: (Include photo numbers here or on a separate	sheet )			
Tremarks. (moldae priote manifects here of on a separate	011001.7			
· ·				

Profile Desc	cription: (Describe	to the de	oth needed to docu	ment the i	ndicator	or confirm	the absence	of indicators.)			
Depth	Matrix			x Features		. 2					
(inches)	Color (moist)  10 yn 3/2	<u>%</u>	Color (moist)		Type <sup>1</sup>	Loc <sup>2</sup>	<u>Texture</u>	Remarks Remarks			
0-5		80%	7.5 YR 5/4	20.6		M	<u> </u>				
500	ioyR3/2	<u>10%</u>	7.5 YR5/G				EC				
		<del></del>	754R 5/8	10010	<u> </u>		<u> </u>				
		<del></del>			<del></del>						
		<del></del>									
		letion, RM	=Reduced Matrix, MS	S=Masked	Sand Gra	ins.		PL=Pore Lining, M=Matrix.			
Hydric Soil I			Pohraluo Polo	u Surface	(CO) /I DE	. В		for Problematic Hydric Soils <sup>3</sup> :			
	oipedon (A2)		Polyvalue Belov MLRA 149B)		(30) ( <b>LR</b> F	к,		luck (A10) (LRR K, L, MLRA 149B) Prairie Redox (A16) (LRR K, L, R)			
Black His			Thin Dark Surfa	ice (S9) ( <b>L</b>			5 cm M	lucky Peat or Peat (S3) (LRR K, L, R)			
	n Sulfide (A4) I Layers (A5)		Loamy Mucky M			L)	Dark Surface (S7) (LRR K, L, M)				
	l Below Dark Surface	e (A11)	Depleted Matrix		l		Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L)				
	ark Surface (A12)		A Redox Dark Sur	rface (F6)			Iron-Manganese Masses (F12) (LRR K, L, R)				
	lucky Mineral (S1) ileyed Matrix (S4)		Depleted Dark S Redox Depress		7)		Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B)				
	edox (S5)		Nedox Depress	10113 (1 0)				rent Material (F21)			
Stripped	Matrix (S6)						Very SI	Very Shallow Dark Surface (TF12)			
Dark Sur	face (S7) (LRR R, N	ILRA 1491	3)				Other (	Explain in Remarks)			
<sup>3</sup> Indicators of	hydrophytic vegetat	ion and we	etland hydrology mus	t be prese	nt, unless	disturbed	or problematic				
Restrictive L	ayer (if observed):										
Type:	NIA										
	thes): <i>N//</i>						Hydric Soil	Present? Yes No No No			
Remarks:											
								į			

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region Project/Site: NG Batavia-Lockport Article VII City/County: Genesee County Sampling Date: 800/19 Applicant/Owner: National Grid \_\_\_ Sampling Point: DP- & Investigator(s): James Ireland Section, Township, Range: Town of Alabama Landform (hillslope, terrace, etc.): Dynssen Local relief (concave, convex, none): Convey Slope (%): 10/c Lat: <u>43.13o*5b*1</u> Long: <u>-78.471479</u> Datum: NAD '83 Subregion (LRR or MLRA): \_ CRO-L Soil Map Unit Name: Odf - Odessa s:/ by clay loam, G to 3 pernet slopes NWI classification: PFOIE 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? within a Wetland? Hydric Soil Present? Yes Wetland Hydrology Present? W1-007 If yes, optional Wetland Site ID: Remarks: (Explain alternative procedures here or in a separate report.) PFO Domport for Worland 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) X 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) Geomorphic Position (D2) \_\_\_ 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 X No Depth (inches): 32" Yes X No \_\_\_\_ Depth (inches): C Water Table Present? Saturation Present? Wetland Hydrology Present? Yes Y (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

<b>VEGETATION</b> – Use scientific names of plan	/EGETATION ·	– Use	scientific names	ot	plant
--	--------------	-------	------------------	----	-------

201	Absolute Dominant Indica	
Tree Stratum (Plot size:36')	% Cover Species? Star	
1. Acer Saccharinam	60% Y 174	That Are OBL, FACW, or FAC:
2	. <del> </del>	Total Number of Dominant
3		Species Across All Strata:
J		<del></del>   '
4		Percent of Dominant Species
<del>-</del>		I That Δre ORI FACW or FAC: 1/1096 (A/B) I
5		
6		Prevalence Index worksheet:
7		
	60% = Total Cover	OBL species x 1 =
اح.		FACW species x 2 =
Sapling/Shrub Stratum (Plot size: 15"		· 1
1		FAC species x 3 =
l		FACU species x 4 =
2.		UPL species x 5 =
<del></del>		
3		Column Totals: (A) (B)
4		
-		Prevalence Index = B/A =
5		
6		Hydrophytic Vegetation Indicators:
		1 - Rapid Test for Hydrophytic Vegetation
7		2 - Dominance Test is >50%
•	<pre> = Total Cover</pre>	
· 71		3 - Prevalence Index is ≤3.01
Herb Stratum (Plot size: 51		4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1. Typha angusticilus	ond y or	data in Remarks or on a separate sheet)
· · · · · · · · · · · · · · · · · · ·		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
2		Toblematic rivaropriyae regetation (2-pistory
9		<sup>1</sup> Indicators of hydric soil and wetland hydrology must
3		be present, unless disturbed or problematic.
4.		
		Definitions of Vegetation Strata:
5		
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.
10		size, and woody plants less than 3.26 it tail.
11		Woody vines - All woody vines greater than 3.28 ft in
		height.
12		noight.
	= Total Cover	
Maria Maria Obstanta (Distriction Only)		
Woody Vine Stratum (Plot size:)		
1		
11		Hydrophytic
2		── Vegetation ✓
3		Present? Yes No
٥,		
4		
	= Total Cover	
	to cheet \	
Remarks: (Include photo numbers here or on a separa	to shoot.)	
Remarks: (Include photo numbers here or on a separa	ic sheet.)	
Remarks: (Include photo numbers here or on a separa	ic shock)	
Remarks: (Include photo numbers here or on a separa	ic shocky	
Remarks: (Include photo numbers here or on a separa	ic shocky	
Remarks: (Include photo numbers here or on a separa	ac sheet.)	
Remarks: (Include photo numbers here or on a separa	ac sheet.)	
Remarks: (Include photo numbers here or on a separa	ac sheet.)	
Remarks: (Include photo numbers here or on a separa	ac sheet.)	
Remarks: (Include photo numbers here or on a separa	ic sheet.)	

	cription: (Describe t	o the dept				r confirm	the absence	of indicators.)
Depth (inches)	Matrix Color (moist)	<del>%</del>	Color (moist)	x Features %	Tvpe <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
								,
				***************************************			······································	
	<del></del>				<del></del>			
			-					***
	oncentration, D=Deple	etion, RM=I	Reduced Matrix, MS	S=Masked	Sand Gra	ins.		: PL=Pore Lining, M=Matrix.
lydric Soil			D-1 - 1 - D-1	0.6	(00) (1 <b>55</b>	_		for Problematic Hydric Soils <sup>3</sup> :
Histosol	(A1) Dipedon (A2)	-	Polyvalue Belov MLRA 149B)		(S8) (LRR	R,		luck (A10) ( <b>LRR K, L, MLRA 149B</b> ) Prairie Redox (A16) ( <b>LRR K, L, R</b> )
Histic Li Black Hi			Thin Dark Surfa		RR R. ML	RA 149B)		flucky Peat or Peat (S3) (LRR K, L, R)
	n Sulfide (A4)	_	Loamy Mucky N					urface (S7) (LRR K, L, M)
Stratified	Layers (A5)	_	Loamy Gleyed !			,		lue Below Surface (S8) (LRR K, L)
	d Below Dark Surface	(A11) _	Depleted Matrix					ark Surface (S9) (LRR K, L)
	ark Surface (A12)	-	Redox Dark Sur	, ,	<del>7</del> \			anganese Masses (F12) (LRR K, L, R)
	lucky Mineral (S1) Bleyed Matrix (S4)	-	Depleted Dark S Redox Depress	•	()			ont Floodplain Soils (F19) (MLRA 149B Spodic (TA6) (MLRA 144A, 145, 149B)
	Redox (S5)	-	Redex Depress	10113 (1 0)				arent Material (F21)
	Matrix (S6)							hallow Dark Surface (TF12)
Dark Su	rface (S7) ( <b>LRR R, M</b> I	_RA 149B)					Other (	Explain in Remarks)
Indicators of	f hydrophytic vegetation	on and wet	land hydrology mus	t ha nrasai	nt unlace	disturbed (	or problematic	
	_ayer (if observed):	on and wet	and nydrology mus	t be preser	it, unicss	disturbed (	or problematic	
Type:	Vale							
Depth (inc	ches): <i>O</i> **						Hydric Soil	Present? Yes 🗡 No
emarks:						,	- I y u i i o o o i i	1000111 100 100
omano.								
						. 1	1 5	
	Cald mut do	, .	100	hu te	high i	viler ler	rch Dyo	buc so 15
	(ald not to	be in re	of Double .		0		,	
						<u></u>		e time
	or predictes	1 to ohi	e li other b	ryetrolog	y tr	ezelin	in will	
	<i>F</i>				0	•		

WEILAND DETERMINATION DA	A FORM – Northcentral and Northeast Region
Project/Site: NG Batavia-Lockport Article VII	_ City/County: Genesee County Sampling Date: 8/21/9
Applicant/Owner: National Grid	State: NY Sampling Point: DP-059
Investigator(s): James Ireland	Section, Township, Range: Town of Alabama
	Local relief (concave, convex, none): Slope (%):
Subregion (LRR or MLRA): LPQ-L Lat: 43, 129	7843 Long: -78.470714 Datum: NAD '83
	Q to 3 parant NWI classification: PFOIE
Are climatic / hydrologic conditions on the site typical for this time of	
Are Vegetation $V$ , Soil $V$ , or Hydrology $V$ significan	tty disturbed? Are "Normal Circumstances" procent? Voc. \
Are Vegetation N. Soil N. or Hydrology N. naturally	rtly disturbed? Are "Normal Circumstances" present? Yes \( \sum_{\text{No}} \) No  problematic? (If needed, explain any answers in Remarks.)
	ng sampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes x No	Is the Sampled Area
Hydric Soil Present?  Yes   No	within a Wetland? Yes X No
Wetland Hydrology Present? Yes No	If yes, optional Wetland Site ID: Wとのフ
Remarks: (Explain alternative procedures here or in a separate re	port.)
PEM, Welland 627	
HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply	
	d Leaves (B9) Drainage Patterns (B10)
High Water Table (A2)  Aquatic Faun	a (B13) Moss Trim Lines (B16)
∑ Saturation (A3) Marl Deposits	·
	Ifide Odor (C1) Crayfish Burrows (C8)
	zospheres on Living Roots (C3) <u>*</u> Saturation Visible on Aerial Imagery (C9)  Reduced Iron (C4) Stunted or Stressed Plants (D1)
	Reduced Iron (C4) Stunted or Stressed Plants (D1)  Reduction in Tilled Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Su	• • • • • • • • • • • • • • • • • • • •
Inundation Visible on Aerial Imagery (B7) Other (Explai	<del></del>
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No Depth (inche Water Table Present? Yes No Depth (inche	,
Water Table Present?  Yes No Depth (inche Saturation Present?  Yes No Depth (inche No No Depth (inche No No No No No No	
(includes capillary fringe)	
Describe Recorded Data (stream gauge, monitoring well, aerial pho	tos, previous inspections), if available:
Remarks:	
	·

·			
Absolute			Dominance Test worksheet:
% Cover	Species?	<u>otatus</u>	Number of Dominant Species That Are OBL FACW, or FAC: (A)
			That Are OBL, FACW, or FAC: (A)
			Total Number of Dominant
			Species Across All Strata: (B)
			Bassaut of Deminant Species
			Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
			Prevalence Index worksheet:
			Total % Cover of: Multiply by:
			OBL species x 1 =
	10(0, 00)	<b>.</b>	FACW species x 2 =
			FAC species x 3 =
			FACU species x 4 =
			1
			UPL species x 5 =
			Column Totals: (A) (B)
			Prevalence Index = B/A =
			Hydrophytic Vegetation Indicators:
			∠ 1 - Rapid Test for Hydrophytic Vegetation
			2 - Dominance Test is >50%
	_ 10tai Co	Ci	3 - Prevalence Index is ≤3.0¹
wool	У	0131	4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
300/6	·		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
. <u> </u>			•
1000		OBL	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
<u> </u>			be present, unless disturbed of problematio.
			Definitions of Vegetation Strata:
			Tree – Woody plants 3 in. (7.6 cm) or more in diameter
			at breast height (DBH), regardless of height.
			Cauthorite Meady plants loss than 3 in DBH
			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.
1001	_ = Total Co	ver	
			Hydrophytic
			Hyurophyuc
			Veretation
			Veretation
	= Total Co		Veretation
	% Cover	% Cover Species?	% Cover Species? Status  ### Status  ### Total Cover  ### Total Cover  ### Cover  ### Total Cover  ### Accord     ### Total Cover  ### Accord     ### Accord

Profile Description: (Describe to	the depth				or confirm	the absence of indica	tors.)
Depth Matrix (inches) Color (moist)	<u> </u>	Redox Color (moist)	Features %	Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks
		COICH (MICHOL)		1,100		Toxtaio	rtomanto
		<del></del>					
		<del></del>	<del></del>				
						· · · · · · · · · · · · · · · · · · ·	
		·					
			······································				
<sup>1</sup> Type: C=Concentration, D=Deplet	ion, RM=Re	duced Matrix, MS	=Masked	Sand Gra	ains.	<sup>2</sup> Location: PL=Pore	e Lining, M=Matrix.
Hydric Soil Indicators:	4						ematic Hydric Soils³:
Histosol (A1)		Polyvalue Below	Surface (	S8) (LRF	R,	2 cm Muck (A10	) (LRR K, L, MLRA 149B)
Histic Epipedon (A2)		MLRA 149B)	•	•			dox (A16) (LRR K, L, R)
Black Histic (A3)		Thin Dark Surfac	e (S9) (Ll	RR R, ML	RA 149B)	5 cm Mucky Pea	t or Peat (S3) (LRR K, L, R)
Hydrogen Sulfide (A4)		Loamy Mucky Mi			, L)	Dark Surface (S	
Stratified Layers (A5)		Loamy Gleyed M					Surface (S8) (LRR K, L)
Depleted Below Dark Surface (	A11)	Depleted Matrix					ce (S9) (LRR K, L)
Thick Dark Surface (A12) Sandy Mucky Mineral (S1)	•	Redox Dark Surf		7\			Masses (F12) (LRR K, L, R)
Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4)		Depleted Dark S Redox Depression	•	')			olain Soils (F19) (MLRA 149B) A6) (MLRA 144A, 145, 149B)
Sandy Redox (S5)		redux Depressie	) i i i i i i i i i i i i i i i i i i i			Red Parent Mate	
Stripped Matrix (S6)							rk Surface (TF12)
Dark Surface (S7) (LRR R, MLI	RA 149B)					> Other (Explain in	
	,					· ·	•
<sup>3</sup> Indicators of hydrophytic vegetation	n and wetlar	nd hydrology must	be preser	nt, unless	disturbed of	or problematic.	
Restrictive Layer (if observed):							
Type: Vater							
Depth (inches):						Hydric Soil Present?	Yes No
Remarks:							
O 1	, ,	. ,	1		1 .	,	
Soil cont	1 mont	be aling	due	Lu	deeper	raly.	
50000		" , 0			·	1/	
Wetland noi	1	. 1 1 1	. H A	AL	10.10	AM.	
Wetlens ser	es we	uen or	NUM	v vv	nee -	<i>V  </i>	
hydrology d	- Neger	esten end	went	on			
V of	0						
V							
							,

	RM - Northcentral and Northeast Region
Project/Site: NG Batavia - Luckgar Article VII City/C	County: Genesee Canly Sampling Date: 9/30/14
Applicant/Owner: Nahenal Grad	State: NY Sampling Point: DP- ບຈາວ
Investigator(s): 5.mm Frlmd 11.4 Baskedo Secti	on, Township, Range: Town of Alabama
Landform (hillslope, terrace, etc.): Depression Local rel	lief (concave, convex, none): Conceve Slope (%): 0 - 3
Subregion (LRR or MLRA): <u>CRR-L</u> Lat: <u>43,697415</u>	
Soil Map Unit Name: CaA. Canadaigun S: 14 loam, O to 2 per	
Are climatic / hydrologic conditions on the site typical for this time of year?	
Are Vegetation $N$ , Soil $N$ , or Hydrology $N$ , significantly distur	
Are Vegetation N, Soil N, or Hydrology naturally problems	· · · · · · · · · · · · · · · · · · ·
SUMMARY OF FINDINGS – Attach site map showing san	npling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X No	Is the Sampled Area
Hydric Soil Present? Yes X No	within a Wetland? Yes No
Wetland Hydrology Present? Yes No	If yes, optional Wetland Site ID: Uetland - DZS
Remarks: (Explain alternative procedures here or in a separate report.)	
Dec 11 1 1	
1 PSS data point for well	lend 278
	•
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)	Moss Trim Lines (B16)
Saturation (A3) Marl Deposits (B15)	Dry-Season Water Table (C2)
Water Marks (B1) Hydrogen Sulfide Od	or (C1) Crayfish Burrows (C8)
1 5	es on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduced	d Iron (C4) Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4) Recent Iron Reductio	on in Tilled Soils (C6) 🔀 Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surface (C	C7) Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7) Other (Explain in Rer	- · · · · · · · · · · · · · · · · · · ·
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 X No
(includes capillary fringe)	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre	vious inspections), if available:
Remarks:	
	,
	•

				· · · · · · · · · · · · · · · · · · ·
3-1	Absolute			Dominance Test worksheet:
Tree Stratum (Plot size: 30 1 )	% 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:  Toology (A/B)
5				That Are OBL, FACW, or FAC: /Cc% (A/B)
6		<del></del>		Prevalence Index worksheet:
7				Total % Cover of:Multiply by:
		•		
	<u> </u>	= Total Cov	er	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: /5')				FACW species x 2 =
	206/		<b>~</b>	FAC species x 3 =
1. Carnus racemusa	350		FAC	FACU species x 4 =
2. Fraxino penasylvania	2006	У	FACW	
				UPL species x 5 =
3. Salx cineren	1000	<u></u>	FACU/	Column Totals: (A) (B)
4				( )
				Prevalence Index = B/A =
5				
6				Hydrophytic Vegetation Indicators:
				Y 1 - Rapid Test for Hydrophytic Vegetation
7				
	10ch	= Total Cov	er	<u>★</u> 2 - Dominance Test is >50%
		10101	•	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size: 5' )	•			4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1. Phalasis asundinacea	inale	У	FACU	data in Remarks or on a separate sheet)
				1
2. Fraxinis pennsylvanica	5-6	_ <i>N</i>	FACW	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3				<sup>1</sup> Indicators of hydric soil and wetland hydrology must
				be present, unless disturbed or problematic.
4				Bo processing arrives distance of processing arrives
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.
				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 5.20 ft (1 m) tail.
				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.
	1056	= Total Cov	er	
	100 00	TOTAL COV	GI	
Woody Vine Stratum (Plot size:)				
<sub>4</sub>				· · ·
'·				Hydrophytic
2				Vegetation
2				Present? Yes X No
3	<del></del>			
4.				
	Ø	= Total Cov	or	
		_ TOTAL COV	<u>e</u> 1	
Remarks: (Include photo numbers here or on a separate	e sheet.)			

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)									
Depth	Matrix			x Feature				•	
(inches)	Color (moist)	%	Color (moist)	_ %	Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks	
0.7	10/1271	85	7.5 YR 5/6	15	<u>C</u>	M	CL_		
8-20	10 4/	70	10482/1	15	<u>C</u>	M			
			7.5 YR 45	15	C	M			,
			7	•					
					-				· · · ·
									<del></del> ·
l ———									
<sup>1</sup> Type: C=C	oncentration, D=Depl	etion, RM=	Reduced Matrix, MS	S=Masked	Sand Gra	ins.	<sup>2</sup> Location: PL=F	ore Lining, M=Mat	rix.
Hydric Soil Histosol			Polyvalue Below	. Curfoso	/CO\ /I DD			oblematic Hydric	
	oipedon (A2)		MLRA 149B)		(30) (LKK	K,		.10) ( <b>LRR K, L, ML</b> Redox (A16) ( <b>LRR</b>	
1 —	stic (A3)		Thin Dark Surfa				5 cm Mucky F	Peat or Peat (S3) (L	.RR K, L, R)
	en Sulfide (A4) d Layers (A5)		Loamy Mucky M Loamy Gleyed N			L)		(S7) (LRR K, L, M ow Surface (S8) (L	
	d Below Dark Surface	(A11)	Depleted Matrix		,			face (S9) (LRR K,	
	ark Surface (A12)		_★Redox Dark Sur				Iron-Mangane	ese Masses (F12) (	LRR K, L, R)
	lucky Mineral (S1) Bleyed Matrix (S4)		Depleted Dark S Redox Depressi		7)			odplain Soils (F19)	
	ledox (S5)	•	Redox Depressi	ons (Fo)			Red Parent M	(TA6) ( <b>MLRA 144</b> laterial (F21)	A, 145, 149B)
	Matrix (S6)							Dark Surface (TF1	2)
Dark Su	rface (S7) (LRR R, M	LRA 149B	)				Other (Explain	n in Remarks)	
<sup>3</sup> Indicators of	f hydrophytic vegetation	on and wet	tland hydrology must	t be prese	ent, unless	disturbed	or problematic.		
Restrictive I	ayer (if observed):	-							
Type:	Clas								
Depth (inc	ches):/		V-3-7				Hydric Soil Preser	nt? Yes	No
Remarks:									
								*	

	KM – Northcentral and Northeast Region
Project/Site: NG Batavia - Lockport Acticle VII City/	County: Concret Conty Sampling Date: 9/30/19
Applicant/Owner: National Gue	State: NY Sampling Point: DP- 07.)
Investigator(s): Jimmy Iroland Section	ion, Township, Range: Town of Alabama
Landform (hillslope, terrace, etc.): Terrace Local re	elief (concave, convex, none):( a nex Slope (%):3
Subregion (LRR or MLRA): <u>LRR-L</u> Lat: <u>43.097660</u>	Long: <u>- 78. 417273</u> Datum: NAD '83
Soil Map Unit Name: Can A. Canandaigen Silt loam, Oto 2	secrets leges NWI classification: Not mapped
Are climatic / hydrologic conditions on the site typical for this time of year?	
Are Vegetation $N$ , Soil $N$ , or Hydrology $N$ significantly distu	ırbed? Are "Normal Circumstances" present? Yes <u> </u>
Are Vegetation _/V_, Soil _K_, or Hydrology _K_ naturally problem	
SUMMARY OF FINDINGS – Attach site map showing sar	mpling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No 🏋 Hydric Soil Present? Yes No 🏲 Wetland Hydrology Present? Yes No 🏲	Is the Sampled Area within a Wetland? Yes No  If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	
Upland data point for wetland.	- OZ <b>G</b>
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)	
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)
Drift Deposits (B3) Oxidized Kitizospite	
	on in Tilled Soils (C6) Geomorphic Position (D2)
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 No Depth (inches): -	Wetland Hydrology Present? Yes No _X
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pro	evious inspections), if available:
Remarks:	
No wetler by by was	observed at the datapoint

ı	/FGFT	TION -	Use	scientific	names	of	nlants
	EGLIF	4 I IOI4	. 026	3016HILIII0	Hallies	u	piai ilo.

Sampling Point: DP-

Tree Stratum (Plot size: 3c')	Absolute	Dominant II		Dominance Test worksheet:
		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			<del></del>	Percent of Dominant Species
5				That Are OBL, FACW, or FAC:(A/B)
6				Daniel and Indonesia de la description de la des
7				Prevalence Index worksheet:
		= Total Cove		
		- Total Cove	•	FACW species x 2 =
Sapling/Shrub Stratum (Plot size: 15')				
1				
2		<u> </u>		FACU species x 4 =
3				UPL species x5 =
4				Column Totals: (A) (B)
5				Prevalence Index = B/A =
6				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation
	_	= Total Cove		2 - Dominance Test is >50%
		= Total Cove	r	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size: 5')	8006	V	FACU	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
2. Taraxacom afficient			FACU	Problematic Hydrophytic Vegetation¹ (Explain)
3. I anicon capillace			FAC	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
4. Equisahm arrense	1000	/	AC	
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
9				and greater than or equal to 3.28 ft (1 m) tall.
				Herb - All herbaceous (non-woody) plants, regardless of
10			<del></del>	size, and woody plants less than 3.28 ft tall.
11			<del></del>	Woody vines – All woody vines greater than 3.28 ft in
12				height.
_	_\$\tau	= Total Cove	r	
Woody Vine Stratum (Plot size: 30')				
1				
2				Hydrophytic
3				Vegetation   Present?   Yes No
4	<del></del>			
Remarks: (Include photo numbers here or on a separate		= Total Cove	<u></u>	
Remarks: (include photo numbers here or on a separate	sneet.)			

Profile Desc	cription: (Describe	to the de	oth needed to docu	ment the i	ndicator	or confirm	1 the absence	of indicators.)				
Depth <u>Matrix</u>			Redox Features Color (moist) % Type <sup>1</sup> Loc <sup>2</sup>			2	<b>-</b> .	5 .				
(inches) 0-12	Color (moist)	<u> </u>	Color (moist)	%	_ type _	_Loc_	Texture	Remarks				
	10 YR3/3	100	12425/	<u> </u>			SICL					
12.50	10425/4	60	10 XR5/4	40		M	SICL					
		·			-							
			•					<del></del>				
<sup>1</sup> Type: C=Co	oncentration, D=Dep	letion, RM	=Reduced Matrix, MS	S=Masked	Sand Gra	ains.	<sup>2</sup> Location	: PL=Pore Lining, M=Matrix.				
Hydric Soil							Indicators for Problematic Hydric Soils <sup>3</sup> :					
Histosol	(A1) pipedon (A2)		Polyvalue Belov MLRA 149B		(S8) ( <b>LRR</b>	R,		Muck (A10) ( <b>LRR K, L, MLRA 149B</b> ) Prairie Redox (A16) ( <b>LRR K, L, R</b> )				
	stic (A3)		Thin Dark Surfa	•	RR R, ML	.RA 149B)						
1	n Sulfide (A4)		Loamy Mucky N	dineral (F1	) (LRR K,		Dark Surface (S7) (LRR K, L, M)					
	l Layers (A5) d Below Dark Surfac	o (A11)	Loamy Gleyed		)			Polyvalue Below Surface (S8) (LRR K, L)				
	ark Surface (A12)	e (ATT)	Depleted Matrix Redox Dark Su				Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R)					
Sandy M	lucky Mineral (S1)		Depleted Dark	Surface (F	7)		Piedmont Floodplain Soils (F19) (MLRA 149B)					
	Bleyed Matrix (S4)		Redox Depress	ions (F8)			Mesic Spodic (TA6) (MLRA 144A, 145, 149B)					
	ledox (S5) Matrix (S6)						Red Parent Material (F21) Very Shallow Dark Surface (TF12)					
	rface (S7) (LRR R, N	/ILRA 149	3)					Other (Explain in Remarks)				
3, 1,												
	r nydrophytic vegetal Layer (if observed):		etland hydrology mus	t be prese	nt, unless	disturbed	or problemation	o				
Type:	W/A							_				
Depth (inches):			•				Hydric Soil Present? Yes No					
Remarks:							J					

### WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site:	Lockport-Batavi	ia		City/Coun	nty: Genese	е		Sampling Date:	Jun 16, 20	020	
Applicant/Owner:	National Grid						State: PA	Sampling Point:	DP-95		
Investigator(s):	Nicole Dutcher			Section, To	ownship, Range:	 : To	wn of Alabama	_	<del>_</del>		
Landform (hillslope,		Terrace			f (concave, conv				Slope (%):	2	
	•	LRR R		Lat: 43.071017	•	•			Datum: N		
Subregion (LRR or I		-		Lat. 43.07 1017	'N L	.ong. <u>70.</u>		'C# Not Mon		VADOC	
Soil Map Unit Name		I silt loam, 0 to 2 per					NWI class		<u>sea</u>		
Are climatic / hydrol	-	• •	-			· ——	(If no, explain in	Remarks.)			
		x, or Hydrology	· · · · · · · · · · · · · · · · · · ·			e "Norma	al Circumstances"	present? Yes	<u>x</u> No	0	
Are Vegetation	, Soil	, or Hydrology	natu	rally problematic?	? (If	needed, e	explain any answe	ers in Remarks.)			
SUMMA	ARY OF FIND	INGS – Attach	site map s	showing sam	pling point	locatio	ns, transects	, important feat	tures, etc		
Hydrophytic Vege	etation Present?	Yes	No	х	Is the Sample	d Area	_		_	_	
Hydric Soil Preser		Yes _	No	Х	within a Wetla		Yes _	No	x		
Wetland Hydrolog		Yes	No	Х	If yes, optional	Wetland	Site ID:				
	d planted for ro	otating row crops.									
HYDROLOGY											
Wetland Hydrolo	gy Indicators:	_	_	_	_	_	Secondary	Indicators (minimum	of two requir	red)	
Primary Indicators	s (minimum of one	e is required; check	all that apply)			Surface Soil Cracks (B6)					
Surface Wate	.er (A1)		Water-	Stained Leaves (E	B9)	Drainage Patterns (B10)					
High Water T				c Fauna (B13)		Moss Trim Lines (B16)					
Saturation (A	•			eposits (B15)		Dry-Season Water Table (C2)					
Water Marks	•			gen Sulfide Odor (		Crayfish Burrows (C8)					
Sediment De				ed Rhizospheres o	•						
Drift Deposits (B3) Presence of Reduced Iron (C4)						Stunted or Stressed Plants (D1)  (C6)  Scomerphic Position (D2)					
Algal Mat or					Reduction in Tilled Soils (C6) Geomorphic Position (D2)  Inface (C7) Shallow Aquitard (D3)						
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Other (Explain in Remarks)						Microtopographic Relief (D4)					
	getated Concave			<u> </u>	Ko,	FAC-Neutral Test (D5)					
Field Observation								. ,			
Surface Water Pre		Yes No	x Depth	(inches):							
Water Table Pres	Water Table Present? Yes No x			Depth (inches):			Wetland Hydrology Present? Yes NoX				
Saturation Presen		Yes No		Depth (inches):							
(includes capillary	· · · ·										
Describe Recorde	d Data (stream g	gauge, monitoring w	ell, aerial photo	s, previous inspe	ections), if avaıla	ble:					
Remarks:											
No wetland hydrolo	gy observed.										

Tree Stratum (Plot size: 30 ft. )	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1	70 00001	Орескоз:	Otatus	Number of Dominant Species That Are OBL, FACW, or FAC:	0 (4)
2				That Are OBL, FACW, or FAC:	0(A)
3.				Total Number of Dominant Species Across All Strata:	1 (B)
					(3)
4				Percent of Dominant Species That Are OBL, FACW, or FAC:	0 (A/B)
5					
7				Prevalence Index worksheet: Total % Cover of:	Multiply by
7		= Total Cover			Multiply by: x 1 = 0
Sapling/Shrub Stratum (Plot size: 15 ft.)		10101 00101			x = 0
				•	x 3 = 0
1				FACU species 0	x 4 = 0
2				UPL species 50	x 5 = <u>250</u>
3				Column Totals: 50	(A) <u>250</u> (B)
4				Prevalence Index = B/A = 5	5
5					
6				Hydrophytic Vegetation Indicat  1 - Rapid Test for Hydrophy	
				2 - Dominance Test is >50%	=
	0	= Total Cover		3 - Prevalence Index is ≤3.0	
Herb Stratum (Plot size: 5 ft.)				4 - Morphological Adaptation data in Remarks or on a	
1. Zea mays	50	Yes	UPL		
2				Problematic Hydrophytic Ve	
3				<sup>1</sup> Indicators of hydric soil and wetl	
4				be present, unless disturbed or p	roblematic.
5				Definitions of Vegetation Strata	a:
6				Tree – Woody plants 3 in. (7.6 cm	·
7				at breast height (DBH), regardles	s of height.
8				Sapling/shrub – Woody plants le and greater than or equal to 3.28	
9.					
10				<b>Herb</b> – All herbaceous (non-wood size, and woody plants less than	
11.				Woody vines – All woody vines of	
12.				height.	greater than 3.20 ft in
	50	= Total Cover			
Woody Vine Stratum (Plot size: 30 ft.)					
1					
2				Hydrophytic	
3.				Vegetation Present? Yes _	No X
4.					
·	0	= Total Cove	r		
Pomarke: (Include phote numbers here or on a congrete sheet )	0	- Total Cove		<u> </u>	
Remarks: (Include photo numbers here or on a separate sheet.) Vegetation is disturbed because it is an active corn field.					

Sampling Point: DP-095

SOIL Sampling Point: DP-095 Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Color (moist) Color (moist) (inches) % Texture Remarks 0-20 10YR 3/3 100 Silt Loam Tilled soils <sup>1</sup>Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. <sup>2</sup>Location: PL=Pore Lining, M=Matrix. Indicators for Problematic Hydric Soils<sup>3</sup>: **Hydric Soil Indicators:** 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histosol (A1) Polyvalue Below Surface (S8) (LRR R, Histic Epipedon (A2) MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Loamy Mucky Mineral (F1) (LRR K, L) Dark Surface (S7) (LRR K, L, M) Hydrogen Sulfide (A4) Polyvalue Below Surface (S8) (LRR K, L) Stratified Layers (A5) Loamy Gleyed Matrix (F2) 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) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5) Red Parent Material (F21) Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) <sup>3</sup>Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: N/A No X Depth (inches): Hydric Soil Present? Yes Remarks: Soils are disturbed because it is an active corn field with soils tilled each year.

Project/Site:	Lockport-Batavia	a #112 Rebuild Project		City/Coun	nty: Genese	эе		Sampling Date:	Jun 16, 20	)20
Applicant/Owner:	National Grid						State: NY	Sampling Point:	DP-100	
Investigator(s):	Nicole Dutcher			Section, To	ownship, Range	: 1	Town of Alabama	_		
Landform (hillslope,		Toeslope			f (concave, con	_			Slope (%):	5
	•	LRR R							Datum: N	
Subregion (LRR or	·	-		_ Lat: <u>43.070763</u>	IN L	.011y. <u>/</u>	<u>-</u>	20 C NICH MANN		ADOU
Soil Map Unit Name		silt loam, 2 to 6 percent					NWI class		ped	
-	-	n the site typical for this	-			· —	(If no, explain in	Remarks.)		
		, or Hydrology				re "Norn	mal Circumstances"	present? Yes	X No	
Are Vegetation	, Soil	, or Hydrology	natur	rally problematic?	? (If	needed	d, explain any answe	ers in Remarks.)		
SUMMA	ARY OF FIND	INGS – Attach sit	te map s	showing sam	pling point	locati	ions, transects	, important feat	tures, etc.	
Hydrophytic Vege	etation Present?	Yes	No	x	Is the Sample	- ed Area	 I			_
Hydric Soil Prese		Yes	No	Х	within a Wetla			No	x	
Wetland Hydrolog		Yes	No		If yes, optional	l Wetlar	nd Site ID:			
LIVEROLOGY										
HYDROLOGY										
Wetland Hydrolo								Indicators (minimum	of two require	ed)
-		e is required; check all the						Soil Cracks (B6)		
Surface Wat		_	_	Stained Leaves (F	В9)			Patterns (B10)		
High Water		_		c Fauna (B13)				m Lines (B16)	-	
Saturation (A	•	_		eposits (B15)	(04)			son Water Table (C2)	,	
Water Marks		_	_	gen Sulfide Odor (		(02)		Burrows (C8)	(CO)	
Sediment De Drift Deposit		_	_	ed Rhizospheres once of Reduced Iro	•	(Cs)		n Visible on Aerial Im or Stressed Plants (D		
Algal Mat or	, ,	_	_	t Iron Reduction in	` '	6)		ohic Position (D2)	'1)	
Iron Deposits	` '	_		luck Surface (C7)	•	,		Aquitard (D3)		
<del></del>	/isible on Aerial Im	nagery (B7)		(Explain in Remar				ographic Relief (D4)		
	egetated Concave S	_			•			itral Test (D5)		
Field Observatio						-				
Surface Water Pre		Yes No _x		(inches):						
Water Table Pres		Yes No _x		(inches):		Wetl	land Hydrology Pre	sent? Yes	No _	X
Saturation Preser		Yes Nox	C Depth	(inches):						
(includes capillary		29 - 25 - 20 - 20 - 20			\					
Describe Recorde	ed Data (stream ga	auge, monitoring well, a	aerial photo	os, previous inspe	ections), it availa	ıble:				
Remarks:										
No wetland hydrolo	gy observed.									

ree Stratum (Plot size: 30 ft. )	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. Rhus typhina	80	Yes	UPL	Number of Dominant Species That Are OBL, FACW, or FAC:  1 (A
<u> </u>				
3.				Total Number of Dominant Species Across All Strata: 7 (E
!				Percent of Dominant Species That Are OBL, FACW, or FAC: 14.2 (A
5				
S	<del></del>			Prevalence Index worksheet:
· <u> </u>		<del></del>		Total % Cover of: Multiply by:
	80	= Total Cover		OBL species 0 x 1 = 0
apling/Shrub Stratum (Plot size: 15 ft.)				FACW species $0$ $x = 0$ FAC species $25$ $x = 75$
. Lonicera morrowii	50	Yes	FACU	FACU species 120 x 4 = 480
. Rhus typhina	20	Yes	UPL	UPL species 100 x 5 = 500
				Column Totals: 245 (A) 1055
·				
				Prevalence Index = B/A = 4.30
				Hydrophytic Vegetation Indicators:
				1 - Rapid Test for Hydrophytic Vegetation
				2 - Dominance Test is >50%
Chartery (Dist size 5.54)	70	= Total Cover		3 - Prevalence Index is ≤3.0 <sup>1</sup> 4 - Morphological Adaptations <sup>1</sup> (Provide supporting
rb Stratum (Plot size: 5 ft.)				data in Remarks or on a separate sheet)
Solidago canadensis	35	Yes	FACU	
Lolium perenne	20	Yes	FACU	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
. Tussilago farfara	15	Yes	FACU	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
•				be present, unless disturbed or problematic.
i				Definitions of Vegetation Strata:
3				Tree – Woody plants 3 in. (7.6 cm) or more in diameter
				at breast height (DBH), regardless of height.
3.				Sapling/shrub – Woody plants less than 3 in. DBH
				and greater than or equal to 3.28 ft (1 m) tall.
	<del></del>			Herb – All herbaceous (non-woody) plants, regardless of
0.				size, and woody plants less than 3.28 ft tall.
1	<del></del>			Woody vines – All woody vines greater than 3.28 ft in
2				height.
	70	= Total Cover		
oody Vine Stratum (Plot size: 30 ft.)				
Vitis X novae-angliae	25	Yes	FAC	
·				Hydrophytic Vegetation
				Present? Yes NoX
				_
	25	= Total Cove	<u> </u>	
	25	- Total Cove	1	1

SOIL Sampling Point: DP-100 Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Redox Features Color (moist) Color (moist) Remarks (inches) % Texture 0-20 10YR 3/3 100 Silt Loam <sup>1</sup>Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. <sup>2</sup>Location: PL=Pore Lining, M=Matrix. Indicators for Problematic Hydric Soils<sup>3</sup>: **Hydric Soil Indicators:** Polyvalue Below Surface (S8) (LRR R, 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histosol (A1) Histic Epipedon (A2) MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) 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) Polyvalue Below Surface (S8) (LRR K, L) Stratified Layers (A5) Loamy Gleyed Matrix (F2) 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) Piedmont Floodplain Soils (F19) (MLRA 149B) Depleted Dark Surface (F7) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5) Red Parent Material (F21) Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) <sup>3</sup>Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: N/A No X Depth (inches): Hydric Soil Present? Yes Remarks: No hydrocarbon soils present.

Project/Site:	Lockport-Batavia	#112 Rebuild Project		City/Coun	nty: Genese	e		Sampling Date:	November 13, 2020
Applicant/Owner:	National Grid			<u> </u>			State: NY	Sampling Point:	DP-098
Investigator(s):	James Ireland			Section, To	ownship, Range	 : То	own of Alabama	-	
Landform (hillslope,	-	Terrace			f (concave, con				Slope (%): 2
Subregion (LRR or I	•	LRR L	Lat	t: 43.101239°	•		3.422835°W		Datum: NAD83
Soil Map Unit Name	•	a silt loam; 0 to 3 percer				.og. <u></u>	•	cation: Not Mapp	<del>_</del> ned
•		the site typical for this ti		Vac	x No		(If no, explain in F		cu
•	-		-				_	•	w Na
		, or Hydrology					al Circumstances" pr		x No
Are Vegetation	, Soil	, or Hydrology	naturally	problematic?	? (If	needed,	explain any answers	in Remarks.)	
SUMMA	ARY OF FINDI	NGS – Attach site	map sho	wing sam	pling point	locatio	ons, transects,	important feat	ures, etc.
Hydrophytic Vege	tation Present?	Yes	No	x	Is the Sample	d Area			
Hydric Soil Preser		Yes	No	Х	within a Wetla	and?	Yes	No	<u>(                                     </u>
Wetland Hydrolog	y Present?	Yes	No	х	If yes, optiona	l Wetland	I Site ID:		
HYDROLOGY									
	and Indicators						Casandaniila	diastara (minimum	of two vocavirod)
Wetland Hydrolo								ndicators (minimum	of two required)
-		is required; check all the		/	DO)			il Cracks (B6)	
Surface Water T		_	_ vvater-Stair Aquatic Fau	ned Leaves (E una (B13)	59)			atterns (B10) Lines (B16)	
Saturation (A			Marl Depos					n Water Table (C2)	
Water Marks	-		-	Sulfide Odor (	(C1)			urrows (C8)	
Sediment De	,		-	•	on Living Roots	(C3)		Visible on Aerial Im	agery (C9)
Drift Deposits		_	_	of Reduced Iro	_	( ,		Stressed Plants (D	. , ,
Algal Mat or	Crust (B4)	_	Recent Iron	n Reduction ir	n Tilled Soils (Ce	3)	Geomorphi	c Position (D2)	
Iron Deposits	s (B5)	_	Thin Muck	Surface (C7)			Shallow Aq	uitard (D3)	
	isible on Aerial Ima		Other (Expl	lain in Remarl	ks)		Microtopog	raphic Relief (D4)	
Sparsely Veç	getated Concave S	urface (B8)					FAC-Neutr	al Test (D5)	
Field Observation			"						
Surface Water Pre		Yes No x							<b>Y</b>
Water Table Prese		Yes Nox				Wetiai	nd Hydrology Prese	ent? Yes	No <u>X</u>
Saturation Presen (includes capillary		Yes Nox	Deptn (Inc	hes):					
		uge, monitoring well, ae	erial photos, p	revious inspe	ections), if availa	ble:			
No wetland hydrolo	gy observed								

Tree Stratum (Plot size: 30 ft. )	Absolute % Cover	Dominant I Species?	ndicator Status	Dominance Test	t worksheet:	
1.				Number of Domir That Are OBL, FA		1 (A)
2						(, ,
3.				Total Number of Species Across A		3 (B)
4				Percent of Domir	ant Species	
5				That Are OBL, F		(A/B)
6.						
7				Prevalence Inde		Multiply by:
<u>.</u>	0	= Total Cover		OBL species	0	x 1 = 0
Sapling/Shrub Stratum (Plot size: 15 ft.)				FACW species	0	x 2 = 0
1. Viburnum acerifolium	20	Yes	UPL	FAC species	10	
2. Cornus racemosa	10	Yes	FAC	FACU species UPL species	125 30	x 4 = 500 x 5 = 150
3. Lonicera morrowii	20	Yes	FACU	Column Totals:	165	(A) <u>680</u> (B)
4						(7)
5				Prevalence	e Index = B/A = 4	1.12
6				Hydrophytic Ve	getation Indicat	ors:
7					est for Hydrophyt	
	50	= Total Cover			nce Test is >50% nce Index is ≤3.0	
Herb Stratum (Plot size: 5 ft.)				4 - Morpholo	ogical Adaptatior	ns <sup>1</sup> (Provide supporting
1. Phleum pratense	30	No	FACU	data in F	Remarks or on a	separate sheet)
2. Lolium perenne	20	No	FACU	Problematic	: Hydrophytic Ve	getation <sup>1</sup> (Explain)
3. Daucus carota	30	No	UPL	<sup>1</sup> Indicators of hyd	dric soil and wetla	and hydrology must
4. Solidago canadensis	20	No	FACU	be present, unles	ss disturbed or pr	oblematic.
5. Trifolium repens	5	No	FACU	Definitions of Ve	egetation Strata	:
6. Symphyotrichum ericoides	30	No	FACU	Tree – Woody pla	ants 3 in. (7.6 cm	n) or more in diameter
7				at breast height (	DBH), regardles	s of height.
8						ess than 3 in. DBH
9				and greater than	·	,
10				Herb – All herbad size, and woody	-	dy) plants, regardless of 3 28 ft tall
11						reater than 3.28 ft in
12				height.	tii woody viiico g	reater than 5.25 it in
	165	= Total Cover				
Woody Vine Stratum (Plot size: 30 ft.)						
1						
2				Hydrophytic Vegetation		
3				Present?	Yes _	No <u>X</u>
4						
	0	= Total Cover	-			
Remarks: (Include photo numbers here or on a separate sheet.)						
						l

SOIL Sampling Point: DP-098 Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Type<sup>1</sup> Color (moist) Color (moist) % Texture Remarks (inches) 10YR 3/4 100 Clay Loam 0-7 7.5YR 4/6 10YR 3/4 7-20 80 Clay Loam <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>: 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histosol (A1) Polyvalue Below Surface (S8) (LRR R, 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) Depleted Dark Surface (F7) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Mucky Mineral (S1) 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 149B) Other (Explain in Remarks) <sup>3</sup>Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: No X Hydric Soil Present? Yes Depth (inches): Remarks: No hydric soils observed

Project/Site:	Lockport-Batavi	ia #112 Rebuild Pro	ject		City/Coun	nty: Genese	ee			Sampling Date:	2020	12,
Applicant/Owner:	National Grid					<u></u>		State:	NY	Sampling Point:	DP-099	
Investigator(s):	James Ireland				Section, To	ownship, Range	· 1	Town of A	Jahama	_		
		Depression					_				Clana (%):	
Landform (hillslope,		Depression				f (concave, conv		•	Concave		Slope (%):	3
Subregion (LRR or	•	LRR L			Lat: 43.118165	<u>°N</u> L	Long: <u>/</u>	78.44469 <u>/</u>	•		Datum: N	ADOS
Soil Map Unit Name	e: <u>ArB - Arkpor</u>	rt fine sandy loam; 3	to 8 per	rcent s	lopes				NWI classif	ication: <u>PEM1Eh</u>		
Are climatic / hydro	ologic conditions o	on the site typical for	this time	e of yea	ar? Yes	<u>x</u> No	o	(If no	o, explain in F	Remarks.)		
Are Vegetation	, Soil	, or Hydrology		_signi	ficantly disturbed	? A	re "Norn	nal Circur	mstances" pı	resent? Yes	No	
Are Vegetation _	, Soil	, or Hydrology		natur	rally problematic?	) (If	f needed	d, explain	any answers	s in Remarks.)		
SUMMA	ARY OF FIND	DINGS – Attach	site n	nap s	howing sam	pling point	locati	ions, tra	ansects,	important fea	tures, etc.	
Hydrophytic Vege	etation Present?	Yes _	х	No		Is the Sample	ed Area					
Hydric Soil Prese	ent?	Yes	Х	No		within a Wetla	and?		Yes	X No		
Wetland Hydrolog	gy Present?	Yes	Х	No		If yes, optional	al Wetlan	nd Site ID:	: 023			
Associated with	NYSDEC wetia	nd AK-3.										
HYDROLOGY												
Wetland Hydrolo	ogy Indicators:								Secondary I	ndicators (minimum	of two require	ed)
Primary Indicators	s (minimum of one	e is required; check	all that a	apply)					Surface Sc	oil Cracks (B6)		
Surface Wat	ter (A1)		<u>x</u> \	Nater-€	Stained Leaves (E	39)		X	Drainage F	Patterns (B10)		
High Water			^	Aquatic	Fauna (B13)			_	Moss Trim	Lines (B16)		
Saturation (A	A3)		^	Marl De	eposits (B15)			_	Dry-Seaso	n Water Table (C2)	)	
Water Marks					en Sulfide Odor (				-	urrows (C8)		
l <del></del>	eposits (B2)		_		ed Rhizospheres	_	(C3)	_		Visible on Aerial Im		
Drift Deposit					ce of Reduced Iro	` '		_	٠ .	Stressed Plants (D	11)	
Algal Mat or					Iron Reduction in	1 Tilled Solls (Co	6)	X		ic Position (D2)		
Iron Deposit		(DZ)	_		uck Surface (C7)			_		quitard (D3)		
	Visible on Aerial In		— '	Other (i	Explain in Remar	ks)		<u>X</u>		graphic Relief (D4)		
	egetated Concave	Surface (B8)						<u>X</u>	FAC-Neutr	al lest (D5)		
Field Observatio		Vac No		Conth	(:-abaa).							
Surface Water Pro		Yes No					141-41	- I I Israela	I Dree	ent? Yes	V No.	
Water Table Pres		Yes No					Wetia	and Hyor	rology Pres	ent? Yes	<u> </u>	
Saturation Preser (includes capillary		Yes No	<u> </u>	Deptn	(inches):							
	· · · · ·	gauge, monitoring w	ell, aeria	al photo	os, previous inspe	ctions), if availa	able:					
	, ,	,5	,			,,						
Remarks:												

Tree Stratum (Plot size: 30 ft. )	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test v	worksheet:			
1. Salix alba	30	Yes	FACW	Number of Domina That Are OBL, FAC			4	(A)
2. Salix nigra	20	Yes	OBL					_` ′
3. Populus deltoides	50	Yes	FAC	Total Number of Description Species Across All			4	(B)
4				Percent of Domina	nt Species			
5				That Are OBL, FAC			100	(A/B)
6								
7				Prevalence Index Total % Cove		Mu	ıltiply by:	
	100	= Total Cover		OBL species	20	x 1 = 3	20	
Sapling/Shrub Stratum (Plot size: 15 ft.)				FACW species	130	x 2 =	260	
1					50			_
2				•	0			
3.					0	-		
4.				Column Totals:	200	(A)	430	(B)
				Prevalence	Index = B/A = 2	2.15		
5				Hydrophytic Vege	etation Indicat	ors.		
7					t for Hydrophy		ation	
·				X 2 - Dominano				
-	0	= Total Cover		X 3 - Prevalenc				
Herb Stratum (Plot size: 5 ft.)					gical Adaptatior emarks or on a			ng
Phalaris arundinacea	100	Yes	FACW				,	
2				Problematic H	Hydrophytic Ve	getation <sup>1</sup>	(Explain)	
3.				<sup>1</sup> Indicators of hydr	ic soil and wetl	and hydro	ology must	
4				be present, unless	disturbed or pr	roblemati	C.	
5				Definitions of Veg	getation Strata	ı:		
6				Tree – Woody plar	nts 3 in. (7.6 cn	n) or more	e in diamete	r
7				at breast height (D	BH), regardles	s of heigh	nt.	
8.				Sapling/shrub – V	Voody plants le	ess than 3	3 in. DBH	
9.				and greater than o	r equal to 3.28	ft (1 m) ta	all.	
10.				Herb – All herbace	eous (non-wood	dy) plants	, regardless	of
11.				size, and woody pl	ants less than	3.28 ft tal	II.	
				Woody vines – All	l woody vines g	reater tha	an 3.28 ft in	
12		<del></del>		height.				
-	100	= Total Cover						
Woody Vine Stratum (Plot size: 30 ft.)								
1				Usadrombia				
2				Hydrophytic Vegetation				
3				Present?	Yes _	<u>X</u> No	·	
4								
	0	= Total Cove	r					
Remarks: (Include photo numbers here or on a separate sheet.)								

SOIL Sampling Point: DP-099 Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Type<sup>1</sup> Color (moist) Color (moist) % Texture Remarks (inches) 10YR 3/2 100 Silt Loam 0-6 10YR 5/2 60 10YR 4/6 Loamy Sand 7.5YR 4/4 Loamy Sand <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>: 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histosol (A1) Polyvalue Below Surface (S8) (LRR R, 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) Depleted Dark Surface (F7) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Mucky Mineral (S1) 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 149B) Other (Explain in Remarks) <sup>3</sup>Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Χ Depth (inches): Hydric Soil Present? Yes No Remarks:

Project/Site:	Lockport-Batavia	ı #112 Rebuild Project		City/Coun	nty: Genesee	e		_ Sampling Date:	November 12, 2020
Applicant/Owner:	National Grid					Sta	te: NY	Sampling Point:	DP-100
Investigator(s):	James Ireland			Section, To	ownship, Range:	Town o	of Alabama	<u> </u>	
Landform (hillslope,	•	Depression			f (concave, conve		Concave		Slope (%):1
Subregion (LRR or I	,	LRR L	L	<del></del> .at: 43.116449°	·	ong: 78.439	•		Datum: NAD83
Soil Map Unit Name	•	nucky silt loam					•	ication: PUBHx	<del>_</del>
·		the site typical for this	time of year	7 Ves	x No	(If	no, explain in F		
•	-		-				•	·	v No
		, or Hydrology					cumstances" pr		x No
Are Vegetation	, Soii	, or Hydrology	naturai	ly problematic?	' (пг	needea, expi	ain any answers	s in Remarks.)	
SUMMA	ARY OF FINDI	NGS – Attach sit	te map sh	owing sam	pling point l	ocations,	transects,	important feat	tures, etc.
Hydrophytic Vege	tation Present?	Yes <u>x</u>	No _		Is the Sampled				
Hydric Soil Preser	nt?	Yes x	( No		within a Wetlar	nd?	Yes	<u>x</u> No	
Wetland Hydrolog	y Present?	Yes <u>x</u>	<u>(</u> No _		If yes, optional \	Wetland Site	ID: WL	-023	
HYDROLOGY								_	
Wetland Hydrolo	av Indicators:						Secondary II	ndicators (minimum	of two required)
_		is required; check all t	that annly)			=		oil Cracks (B6)	of two required,
Surface Water		is required, or our and		ained Leaves (E	39)			Patterns (B10)	
X High Water T		_		auna (B13)	50)	=		Lines (B16)	
x Saturation (A		_	-	osits (B15)		<u>-</u>		n Water Table (C2)	
Water Marks	•	_		n Sulfide Odor (	C1)	-		urrows (C8)	
Sediment De	posits (B2)	_	Oxidized	Rhizospheres o	on Living Roots (	C3) _	x Saturation	Visible on Aerial Im	nagery (C9)
Drift Deposits		_		of Reduced Iro		-		Stressed Plants (D	1)
Algal Mat or		_			n Tilled Soils (C6)	_		ic Position (D2)	
Iron Deposits	• •			k Surface (C7)		=		quitard (D3)	
	/isible on Aerial Image getated Concave S		_ Other (Ex	plain in Remarl	KS)	_	<ul><li>X Microtopog</li><li>X FAC-Neutr</li></ul>	graphic Relief (D4)	
		Juliace (Do)					X I AO-NOGG	al Test (Do)	
Field Observation Surface Water Pre		Yes No x	Depth (ir	nches):					
Water Table Prese		Yes x No				Wetland H	ydrology Prese	ent? Yes	KNo
Saturation Presen	nt?	Yes x No						_	<del>_</del>
(includes capillary  Describe Recorde		nuge, monitoring well, a	aerial photos,	nrevious inspe	ections), if availab	ıle:			
		~g-, 5		,	,				
Remarks:									
Nomane.									

Tree Stratum (Plot size: 30 ft. )	Absolute % Cover	Dominant   Species?	ndicator Status	Dominance Test worksheet:	
1.		оросиос.	<u> </u>	Number of Dominant Species	(4)
				That Are OBL, FACW, or FAC:	(A)
2				Total Number of Dominant	(5)
3				Species Across All Strata: 1	(B)
4				Percent of Dominant Species	(A /D)
5				That Are OBL, FACW, or FAC: 100	(A/B)
6.				Prevalence Index worksheet:	
7				Total % Cover of: Multiply by:	-
		= Total Cover		OBL species <u>100</u> x 1 = <u>100</u>	_
Sapling/Shrub Stratum (Plot size: 15 ft.)				FACW species $0 \times 2 = 0$	_
1				FAC species <u>0</u> x 3 = <u>0</u>	
2.				FACU species <u>0</u> x 4 = <u>0</u>	_
3.				UPL species <u>0</u> x 5 = <u>0</u>	_
				Column Totals: <u>100</u> (A) <u>100</u>	_ (B)
4				Prevalence Index = B/A = 1	
5					
6				Hydrophytic Vegetation Indicators:	
7				X 1 - Rapid Test for Hydrophytic Vegetation     X 2 - Dominance Test is >50%	
	0	= Total Cover		X 3 - Prevalence Index is ≤3.0 <sup>1</sup>	
Herb Stratum (Plot size: 5 ft.)				4 - Morphological Adaptations <sup>1</sup> (Provide supporting	
1Typha angustifolia	100	Yes	OBL	data in Remarks or on a separate sheet)	
2.				Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
				<sup>1</sup> Indicators of hydric soil and wetland hydrology must	
3				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	
9				and greater than or equal to 3.28 ft (1 m) tall.	
10				<ul> <li>Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.</li> </ul>	f
11.					
12.				Woody vines – All woody vines greater than 3.28 ft in height.	
	100	= Total Cover			
Woody Vine Stratum (Plot size: 30 ft.)	100	- Total Cover			
· · · · · · · · · · · · · · · · · · ·	<del></del>				
1				- Hydrophytic	
2				- Vegetation	
3				Present? Yes X No	
4				_	
	0	= Total Cover			
Remarks: (Include photo numbers here or on a separate s	heet.)				

SOIL Sampling Point: DP-100 Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Type<sup>1</sup> Color (moist) Color (moist) % Texture Remarks (inches) 0-13 10YR 2/1 100 Clay Loam 10YR 4/1 60 10YR 4/6 13-20 7.5YR 5/4 Clay Loam <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>: 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histosol (A1) Polyvalue Below Surface (S8) (LRR R, 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) Depleted Dark Surface (F7) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Mucky Mineral (S1) 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 149B) Other (Explain in Remarks) <sup>3</sup>Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Χ Depth (inches): Hydric Soil Present? Yes No Remarks:

ProjectSite: Lockport-Batavia #112 Rebuild Project City/County: Genesee Sampling Date: 2020 Applicant/Owner: National Grid  Nevestigator(s): James Ireland Section, Township, Range: Town of Alabama Landform (Initialoge, terrace, etc.): Depression Local relief (concave, convex, none): Concave Slope (%): 1 Subregion (LRR or MLRA): LRR L Lat: 43.118144*N Long: 78.444884*W Datum: NAD83 Soll Map Unit Name: CbA - Colton very gravelly loamy sand; 0 to 3 percent slopes; very bouldery NWI classification: PEM1Eh  Are clematic / hydrologic conditions on the site typical for this time of year? Yes X No (If needed, explain in Remarks.)  Are Vegetation Soil or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X 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.  Hydrophytic Vegetation Present? Yes X No If yes, optional Wetland? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Soil Treasent? t) No Soil Trease (Bit) No Soil Trease (Bit) No Soil Trease (Bit) No Soil Trease (Bit) No Soil Trease (Bit) No Soil Trease (Bit) No Soil Trease (Bit) No Soil Trease (Bit) No Soil Trease (Bit) No Soil Trease (Bit) No Soil Trease (Bit) No Soil Trease (Bit) No Soil Trease (Bit) No Soil Trease (Bit) No Soil Trease (Bit) No Soil Trease (Bit) No Soil Trease (Bit) No
Landform (hillslope, lerrace, etc.): Depression
Landform (hillslope, lerrace, etc.): Depression
Subregion (LRR or MLRA): LRR L Lat: 43.118144*N Long: 78.444884*W Datum: NAD83  Soil Map Unit Name: CbA - Cotton very gravelly loarny sand; 0 to 3 percent slopes; very bouldery NWI classification: PEM1Eh  Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)  Are Vegetation Soil or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No (If needed, explain any answers in Remarks.)  SUMMARY OF FINDINGS — Attach site map showing sampling point locations, transects, important features, etc.  Hydrophytic Vegetation Present? Yes X No Substitution of the side of berm and adjacent to PFO section of Wetland Site ID: WL-023  Remarks: (Explain alternative procedures here or in a separate report.)  PEM datapoint for Wetland 023. In depression off the side of berm and adjacent to PFO section of Wetland. Associated with NYSDEC wetland AK-3.  HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply) Surface Soil Cracks (B6)  Surface Water (A1) X Water-Stained Leaves (B3) Drainage Patterns (B10)  High Water Table (A2) Aquatic Fauna (B13) Moss Trint Lines (B16)  Saturation (A3) Mari Deposits (B15) Dry-Season Water Table (C2)  Water Marks (B1) Hydrology Sudicators (C3) X Saturation Visible on Aerial Imagery (C9)  Drift Deposits (B3) Presence of Reduced fron (C4) Stunded or Stressed Plants (D1)  Agal Mat or Crust (B4) Recent from Reduction in Tilled Soils (C6) X Geomorphic Position (D2)  Tinn Muck Surface (C7) Shallow Aquitard (D3)
Soil Map Unit Name: CbA - Colton very gravelly loamy sand; 0 to 3 percent slopes; very bouldery NWI classification: PEMIEh  Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)  Are Vegetation Soil or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No Are Vegetation or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)  SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.  Hydrophytic Vegetation Present? Yes X No Is the Sampled Area within a Wetland? Yes X No Wetland Hydrology Present? Yes X No If yes, optional Wetland Site ID: WIL-023  Remarks: (Explain alternative procedures here or in a separate report.)  PEM datapoint for Wetland 023. In depression off the side of berm and adjacent to PFO section of Wetland. Associated with NYSDEC wetland AK-3.  HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply) Surface Soil Cracks (B6)  Surface Water (A1) X Water-Stained Leaves (B9) X Drainage Patterns (B10)  High Water Table (A2) Aquatic Fauna (B13) Moss Trim Lines (B16)  Saturation (A3) Mari 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) X Saturation Visible on Aerial Imagery (C9)  Drift Deposits (B1) Presence of Reducted Iron (C4) Stunted or Stressed Plants (D1)  Agal Mat or Crust (B4) Reduction in Tilled Soils (C6) Salation Aquitard (D3)
Are climatic / hydrologic conditions on the site typical for this time of year? Yes
Are Vegetation, Soil, or Hydrology
Are Vegetation, Soil or Hydrologynaturally problematic? (If needed, explain any answers in Remarks.)  SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.  Hydrophytic Vegetation Present?
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.  Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? Wetland Hydrology Present? Yes X No
Hydrophytic Vegetation Present?  Hydric Soil Present?  Wetland Hydrology Present?  Wetland Hydrology Present?  Wetland Hydrology Present?  Wetland Hydrology Present?  Wetland Hydrology Present?  Wetland Hydrology Indicators in a separate report.)  PEM datapoint for Wetland 023. In depression off the side of berm and adjacent to PFO section of Wetland. Associated with NYSDEC wetland AK-3.  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Soil Cracks (B6)  Surface Water (A1)  High Water Table (A2)  Aquatic Fauna (B13)  Moss Trim Lines (B16)  Saturation (A3)  Marl Deposits (B15)  Wetland Leaves (B9)  Surface Water Water (B1)  Agail Mat or Crust (B4)  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C6)  Shallow Aquatired (D2)  Shallow Aquatired (D2)  Shallow Aquatired (D3)
Hydric Soil Present?  Wetland Hydrology Present?  Yes X No
Wetland Hydrology Present?  Wetland Hydrology Present?  Wetland Hydrology Present?  Wetland Hydrology Present?  Wetland Hydrology Indicators:  PEM datapoint for Wetland 023. In depression off the side of berm and adjacent to PFO section of Wetland. Associated with NYSDEC wetland AK-3.  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Aquatic Fauna (B13)  Marl Deposits (B15)  Water Marks (B1)  Water Marks (B1)  Sediment Deposits (B2)  Oxidized Rhizospheres on Living Roots (C3)  Algal Mat or Crust (B4)  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C6)  Thin Muck Surface (C7)  Shallow Aquatiar (D3)
Remarks: (Explain alternative procedures here or in a separate report.)  PEM datapoint for Wetland 023. In depression off the side of berm and adjacent to PFO section of Wetland. Associated with NYSDEC wetland AK-3.  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Soil Cracks (B6)  Surface Water (A1)  High Water Table (A2)  Aquatic Fauna (B13)  Saturation (A3)  Water Marks (B1)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Presence of Reduced Iron (C4)  Algal Mat or Crust (B4)  Recent Iron Reduction in Tilled Soils (C6)  Thin Muck Surface (C7)  Thin Muck Surface (C7)  Shallow Aquitard (D3)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Indicators (minimum of two required)  Secondary Indicators (minimum of two required)  Secondary Indicators (minimum of two required)  Surface Soil Cracks (B6)  X Drainage Patterns (B10)  Moss Trim Lines (B16)  Dry-Season Water Table (C2)  Crayfish Burrows (C8)  X Saturation Visible on Aerial Imagery (C9)  Stunted or Stressed Plants (D1)  Recent Iron Reduction in Tilled Soils (C6)  X Geomorphic Position (D2)  Shallow Aquitard (D3)
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)xWater-Stained Leaves (B9)xDrainage Patterns (B10)High Water Table (A2)Aquatic Fauna (B13)Moss Trim Lines (B16)Saturation (A3)Marl Deposits (B15)Dry-Season Water Table (C2)Water Marks (B1)Hydrogen Sulfide Odor (C1)Crayfish Burrows (C8)Sediment Deposits (B2)Oxidized Rhizospheres on Living Roots (C3)xSaturation 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)xGeomorphic Position (D2)Iron Deposits (B5)Thin Muck Surface (C7)Shallow Aquitard (D3)
Primary Indicators (minimum of one is required; check all that apply)       Surface Soil Cracks (B6)
Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  X Drainage Patterns (B10)  Aquatic Fauna (B13)  Moss Trim Lines (B16)  Dry-Season Water Table (C2)  Crayfish Burrows (C8)  Saturation Visible on Aerial Imagery (C9)  Stunted or Stressed Plants (D1)  Recent Iron Reduction in Tilled Soils (C6)  Thin Muck Surface (C7)  Shallow Aquitard (D3)
High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Aquatic Fauna (B13)  Moss Trim Lines (B16)  Dry-Season Water Table (C2)  Crayfish Burrows (C8)  Saturation Visible on Aerial Imagery (C9)  Stunted or Stressed Plants (D1)  Recent Iron Reduction in Tilled Soils (C6)  Thin Muck Surface (C7)  Shallow Aquitard (D3)
Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Dry-Season Water Table (C2)  Crayfish Burrows (C8)  Oxidized Rhizospheres on Living Roots (C3)  Drift Deposits (B3)  Presence of Reduced Iron (C4)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Marl Deposits (B15)  Dry-Season Water Table (C2)  X Saturation Visible on Aerial Imagery (C9)  Stunted or Stressed Plants (D1)  Recent Iron Reduction in Tilled Soils (C6)  X Geomorphic Position (D2)  Shallow Aquitard (D3)
Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)  Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7)  Crayfish Burrows (C8)  X Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) X Geomorphic Position (D2) Shallow Aquitard (D3)
Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) X Geomorphic Position (D2) Shallow Aquitard (D3)
Drift Deposits (B3) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Algal Mat or Crust (B4) Iron Deposits (B5) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Shallow Aquitard (D3)
Iron Deposits (B5) Thin Muck Surface (C7) Shallow Aquitard (D3)
Instruction Visible on Assistance on (D7) Other (Duntain in Demander)
Inundation Visible on Aerial Imagery (B7)  Other (Explain in Remarks)  X  Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8) x FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes No x Depth (inches):
Surface Water Present? Yes Nox _ Depth (inches):  Water Table Present? Yes Nox _ Depth (inches):  Wetland Hydrology Present? Yes No
Saturation Present? Yes No x Depth (inches): Wetland Hydrology Present? Yes No x Depth (inches):
(includes capillary fringe)
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
Remarks:
Remarks.

Tree Stratum (Plot size: 30 ft.)	Absolute % Cover	Dominant   Species?	Indicator Status	Dominance Test w	orksheet:			
Populus deltoides	40	Yes	FAC	Number of Dominar That Are OBL, FAC			3	<b>(A)</b>
		100	17.0	That Are OBL, FAC	W, OI FAC.		<u> </u>	(A)
2				Total Number of Do			0	(D)
3				Species Across All S	Silaia.		3	(B)
4.				Percent of Dominan			100	(A/D)
5				That Are OBL, FAC	W, or FAC:		100	(A/B)
6				Prevalence Index v	worksheet:			
7				Total % Cover		Mu	ıltiply by:	_
	40	= Total Cover		OBL species	80	x 1 =	80	
Sapling/Shrub Stratum (Plot size: 15 ft.)				FACW species 2	20	x 2 = 3	40	
1				FAC species	40	x 3 =	120	
				FACU species (	0	x 4 =	0	
2.				UPL species (	0	x 5 =	0	
3				Column Totals: 1	140	(A)	240	(B)
4				_				
5				Prevalence Ir	ndex = B/A = 1.	.71		
6.				Hydrophytic Veget	tation Indicato	ors:		
7				1 - Rapid Test		c Vegeta	ation	
		T 0		X 2 - Dominance X 3 - Prevalence				
Herb Stratum (Plot size: 5 ft.)	0	= Total Cover		4 - Morphologi			ide supportir	na
					marks or on a s			19
Typha angustifolia			OBL			1		
Phalaris arundinacea	20	Yes	FACW	Problematic Hy	ydrophytic Veg	etation '	(Explain)	
3				<sup>1</sup> Indicators of hydric				
4				be present, unless of	disturbed or pro	oblemati	C.	
5				Definitions of Vege	etation Strata:	:		
6				Tree – Woody plant	ts 3 in. (7.6 cm	) or more	e in diamete	r
				at breast height (DB				
0				Sapling/shrub – W	loody plants les	se than ?	Rin DBH	
				and greater than or				
9				<b>Herb</b> – All herbaced	ous (non-wood	v) nlante	regardless	of
10				size, and woody pla				OI .
11				Woody vines – All v	woody vines ar	eater the	an 3 28 ft in	
12.				height.	woody villes gi	cater tire	an 5.20 it in	
	100	= Total Cover						
Woody Vine Stratum (Plot size: 30 ft.)								
1.								
				Hydrophytic				
2				Vegetation		v		
3				Present?	Yes	<u>X</u> No		
4								
	0	= Total Cover						
Remarks: (Include photo numbers here or on a separate	sheet.)							
,	,							

SOIL Sampling Point: DP-101 Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Type<sup>1</sup> Color (moist) Color (moist) % Texture Remarks (inches) 10YR 3/2 100 Clay Loam 0-7 10YR 4/6 10YR 5/2 60 7-20 Loamy Sand 7.5YR 5/4 Loamy Sand <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>: 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histosol (A1) Polyvalue Below Surface (S8) (LRR R, 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) Depleted Dark Surface (F7) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Mucky Mineral (S1) 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 149B) Other (Explain in Remarks) <sup>3</sup>Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Χ Depth (inches): Hydric Soil Present? Yes No Remarks:

Project/Site:	Lockport-Batavi	a #112 Rebuild Proj	ect	City/Coun	ty: Genesee		Sampling Date:	November 12, 2020
Applicant/Owner:	National Grid				<u>-</u>	State: NY	Sampling Point:	DP-102
Investigator(s):	James Ireland			Section To	wnship, Range:	Town of Alabama		
		Lillalana						Clana (0/ ): 3
Landform (hillslope,	•	Hillslope			(concave, convex			Slope (%): 3
Subregion (LRR or	MLRA):	LRR L		Lat: 43.121396°	<u>'N</u> Lor	ng: <u>78.451349°W</u>		Datum: NAD83
Soil Map Unit Name	e: <u>EIB - Elmrido</u>	ge fine sandy loam;	2 to 8 percent	slopes		NWI cla	ssification: Not Map	ped
Are climatic / hydrol	logic conditions or	n the site typical for	this time of yea	ar? Yes	x No	(If no, explain	in Remarks.)	
Are Vegetation	, Soil	, or Hydrology	signi	ficantly disturbed	? Are	"Normal Circumstances	s" present? Yes	x No
Are Vegetation	, Soil	, or Hydrology	natur	rally problematic?	(If ne	eeded, explain any ans	wers in Remarks.)	
SUMMA	ARY OF FIND	INGS – Attach	site map s	howing sam	pling point lo	ocations, transect	ts, important fea	tures, etc.
Hydrophytic Vege	etation Present?	Yes _	No	x	Is the Sampled	Area		
Hydric Soil Prese	nt?	Yes	No	х	within a Wetlan	d? Yes	No	<u>x</u>
Wetland Hydrolog	gy Present?	Yes _	No	x	If yes, optional W	Vetland Site ID:		
HYDROLOGY								
Wetland Hydrolo	gy Indicators:					Seconda	ry Indicators (minimum	of two required)
Primary Indicators	s (minimum of one	e is required; check	all that apply)			Surface	e Soil Cracks (B6)	
Surface Wat	ter (A1)		Water-9	Stained Leaves (E	39)	Drainag	ge Patterns (B10)	
High Water	Table (A2)		Aquatic	Fauna (B13)		Moss T	rim Lines (B16)	
Saturation (A	•		_	eposits (B15)		<del></del>	ason Water Table (C2)	
Water Marks				en Sulfide Odor (	•		h Burrows (C8)	
Sediment De				· ·	on Living Roots (C		ion Visible on Aerial Im	
Drift Deposit	` ′			ce of Reduced Iro	` ,	·	d or Stressed Plants (D	71)
Algal Mat or	* *		_	Iron Reduction in	Tilled Solls (Cb)		orphic Position (D2) v Aquitard (D3)	
Iron Deposit	/isible on Aerial Im	nagery (B7)		uck Surface (C7) Explain in Remarl	(e)		ppographic Relief (D4)	
	getated Concave			Explain in Remain	(3)		eutral Test (D5)	
		Odriace (B0)			<del></del>	1 AO-N	edital Test (D0)	
Field Observation Surface Water Pro		Yes No	v Depth	(inches):				
Water Table Pres		Yes No				Wetland Hydrology P	resent? Yes	No X
Saturation Preser		Yes No				rrolland rryal ology r		
(includes capillary				(				
Describe Recorde	ed Data (stream g	auge, monitoring we	ell, aerial photo	s, previous inspe	ctions), if available	e:		
Remarks: No wetland hydrolo	ogy observed							
,								

Tree Stratum (Plot size: 30 ft. )	Absolute % Cover	Dominant I Species?	ndicator Status	Dominance Test worksheet: Number of Dominant Species
1				That Are OBL, FACW, or FAC: 0 (A)
3.				Total Number of Dominant Species Across All Strata: 2 (B)
4				Percent of Dominant Species That Are OBL, FACW, or FAC:  0 (A/B)
6.				
7				Prevalence Index worksheet:  Total % Cover of: Multiply by:
		Total Cover		OBL species 0 x 1 = 0
Sapling/Shrub Stratum (Plot size: 15 ft.)				FACW species <u>0</u> x 2 = <u>0</u>
1				FAC species <u>0</u> x 3 = <u>0</u>
2.				FACU species 100 x 4 = 400
3.				UPL species <u>0</u> x 5 = <u>0</u>
4.				Column Totals: 100 (A) 400 (B)
5				Prevalence Index = B/A = 4
6.				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50%
	0	= Total Cover		3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size: 5 ft.)				4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1. Lolium perenne	50	Yes	FACU	data in Remarks or on a separate sheet)
2. Phleum pratense	40	Yes	FACU	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
Dipsacus laciniatus	10	No	FACU	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
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
7.				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.
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.
	100	= Total Cover		
Woody Vine Stratum (Plot size: 30 ft.)				
1.				
2.				Hydrophytic Vegetation
3				Present? Yes NoX
4.				
	0	= Total Cover		
Remarks: (Include photo numbers here or on a separate sh				

SOIL Sampling Point: DP-102 Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Color (moist) Color (moist) Type<sup>1</sup> % Texture Remarks (inches) 0-20 10YR 3/3 100 Sandy Loam <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>: 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histosol (A1) Polyvalue Below Surface (S8) (LRR R, 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) Depleted Dark Surface (F7) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Mucky Mineral (S1) 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 149B) Other (Explain in Remarks) <sup>3</sup>Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: No X Hydric Soil Present? Yes Depth (inches): Remarks: No hydric soils observed

Project/Site: Lockpoi	rt-Batavia #112 Rebuild P	roject	City/County: Gen	nesee	Sampling Date:	November 12, 2020			
Applicant/Owner: Nationa				State: NY	Sampling Point:	DP-103			
Investigator(s): James I			Section, Township, Rar	nge: Town of Alabama	_				
			Local relief (concave, c	-		Slone (%): 1			
Landform (hillslope, terrace,			•		`	Slope (%):1 			
Subregion (LRR or MLRA):	LRR L	Lá	at: 43.122761°N						
Soil Map Unit Name: <u>Ld -</u>	Loxley mucky peat			NWI class	sification: Not Mapp	ed			
Are climatic / hydrologic cond	ditions on the site typical f	or this time of year?	Yes <u>x</u>	No (If no, explain in	ı Remarks.)				
Are Vegetation, S	oil, or Hydrology	ysignifica	antly disturbed?	Are "Normal Circumstances"	present? Yes	x No			
Are Vegetation, S	oil, or Hydrology	/naturall	ly problematic?	(If needed, explain any answe	ers in Remarks.)				
SUMMARY OF	FINDINGS – Attac	h site map sh	owing sampling poi	int locations, transects	, important feat	ures, etc.			
Hydrophytic Vegetation Pre	esent? Yes	x No	Is the Sam	pled Area					
Hydric Soil Present?	Yes	x No	within a W	/etland? Yes _	<u>x</u> No				
Wetland Hydrology Presen	nt? Yes	x No	If yes, option	onal Wetland Site ID: 02	23				
HYDROLOGY									
				Canandani	1 !!t (mainimama	(			
Wetland Hydrology Indica				<del></del>	Indicators (minimum	of two requirea)			
Primary Indicators (minimu	m of one is required; chec		(D0)		Soil Cracks (B6)				
X Surface Water (A1)	· · ·		ained Leaves (B9)		Patterns (B10)				
X High Water Table (A2)	.)		auna (B13)		m Lines (B16)				
X Saturation (A3)			osits (B15)		son Water Table (C2)				
Water Marks (B1) Sediment Deposits (B	201		ı Sulfide Odor (C1) Rhizospheres on Living Ro	- (00)	Burrows (C8)	2227/(CQ)			
Drift Deposits (B3)	12)		of Reduced Iron (C4)		· · · · —				
Algal Mat or Crust (B4	4)		on Reduction in Tilled Soils	(20)	Stunted or Stressed Plants (D1)  x Geomorphic Position (D2)				
Iron Deposits (B5)	+)		k Surface (C7)	Shallow Aquitard (D3)					
Inundation Visible on	Aerial Imagery (B7)		plain in Remarks)		x Microtopographic Relief (D4)				
Sparsely Vegetated C			piani in resinance,	× FAC-Neu					
Field Observations:	701104.75 54 (= 1)			<u>~</u> ····					
Surface Water Present?	Yes x N	o Depth (in	nches): 1						
Water Table Present?		o Depth (in		Wetland Hydrology Pre	esent? Yes X	(			
Saturation Present?		o Depth (in							
(includes capillary fringe)			·						
Describe Recorded Data (s	stream gauge, monitoring	well, aerial photos,	previous inspections), if av	ailable:					
D									
Remarks:									

Tree Stratum (Plot size: 30 ft. )	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1.	70 00101	ороског.	Ciatao	Number of Dominant Species
				That Are OBL, FACW, or FAC: 1 (A)
2				Total Number of Dominant
3				Species Across All Strata: 1 (B)
4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC: 100 (A/B)
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
		= Total Cover		OBL species <u>5</u> x 1 = <u>5</u>
Sapling/Shrub Stratum (Plot size: 15 ft.)				FACW species 95 x 2 = 190
1				FAC species <u>0</u> x 3 = <u>0</u>
2.				FACU species <u>0</u> x 4 = <u>0</u>
				UPL species <u>0</u> x 5 = <u>0</u>
3				Column Totals: <u>100</u> (A) <u>195</u> (B)
4				Describer of lades = D/A = 4.05
5				Prevalence Index = B/A = 1.95
6				Hydrophytic Vegetation Indicators:
7				X 1 - Rapid Test for Hydrophytic Vegetation
	0	= Total Cover		X 2 - Dominance Test is >50% X 3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size: 5 ft.)		- Total Gover		4 - Morphological Adaptations <sup>1</sup> (Provide supporting
4 50 11 11	95	Yes	EACW.	data in Remarks or on a separate sheet)
				Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
2. Typha angustifolia			OBL	
3				<sup>1</sup> Indicators of hydric soil and wetland hydrology must
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
7				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.
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.
	100	= Total Cover		
Woody Vine Stratum (Plot size: 30 ft.)				
1				
2.				Hydrophytic
3.				Vegetation Present? Yes X No
				resent: res No
4				
	0	= Total Cove	-	
Remarks: (Include photo numbers here or on a separate sheet.)				

SOIL Sampling Point: DP-103 Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Type<sup>1</sup> Color (moist) Color (moist) % Texture Remarks (inches) 0-16 10YR 2/1 100 Clay Loam 7.5YR 4/4 10YR 4/1 70 16-20 <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>: 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histosol (A1) Polyvalue Below Surface (S8) (LRR R, 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) Depleted Dark Surface (F7) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Mucky Mineral (S1) 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 149B) Other (Explain in Remarks) <sup>3</sup>Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Depth (inches): Χ Hydric Soil Present? Yes No 16 Remarks:

Project/Site:	Lockport-Batavi	a #112 Rebuild Pro	oject		City/Cour	nty: Genes	see		Sampling Date:	November 12, 2020
-	National Grid				•			State: NY	Sampling Point:	DP-104
	James Ireland				Section, T	ownship, Range	e	Town of Alabama	<del>_</del>	
Landform (hillslope, t		Lillalana				_	-			Slope (%): 3
		Hillslope				ef (concave, con				Slope (%): 3  Datum: NAD83
Subregion (LRR or M	·	LRR L			Lat: 43.124679	,	Long: <u>I</u>	•		<del></del>
Soil Map Unit Name:	Caa - Colton	and Constable gr	avelly loar	ny san	ds; 0 to 3 perce	nt slopes		NWI clas	ssification: Not Mapp	ped
Are climatic / hydrolo	gic conditions or	n the site typical fo	r this time	of year	r? Yes	<u>x</u> N	lo	(If no, explain	in Remarks.)	
Are Vegetation	, Soil	, or Hydrology		_signifi	icantly disturbed	d? A	۹re "Norr	mal Circumstances	" present? Yes	No
Are Vegetation	, Soil	, or Hydrology		_natura	ally problematic	? (!	If needed	d, explain any answ	vers in Remarks.)	
SUMMA	RY OF FIND	INGS – Attac	h site m	ap sl	howing san	npling point	t locati	ions, transect	s, important feat	tures, etc.
Hydrophytic Vegeta	ation Present?	Yes		No	x	Is the Sampl	ed Area	 I		
Hydric Soil Present		Yes	Х	-		within a Wet			No	<u>x</u>
Wetland Hydrology	/ Present?	Yes				If yes, optiona	al Wetlar	nd Site ID:		
HYDROLOGY										
Wetland Hydrolog	<del></del>								ry Indicators (minimum	of two required)
Primary Indicators		is required; chec							Soil Cracks (B6)	
Surface Water					Stained Leaves (	(B9)			pe Patterns (B10)	
High Water Ta				•	Fauna (B13)		Moss Trim Lines (B16)			
Saturation (A3	•				posits (B15)	(04)	Dry-Season Water Table (C2)			
Water Marks (					en Sulfide Odor (		- (02)		n Burrows (C8)	(00)
Sediment Dep Drift Deposits	, , ,				d Rhizospheres be of Reduced In	•	3 (U3)		ion Visible on Aerial Im I or Stressed Plants (D	• • • •
Algal Mat or C					Iron Reduction in		<u>`6)</u>		rphic Position (D2)	'1)
Iron Deposits	, ,				ick Surface (C7)	•	,,		Aquitard (D3)	
· ·	sible on Aerial Im	nagery (B7)	_		Explain in Remar				pographic Relief (D4)	
<del></del>	etated Concave		_	- ,		,			eutral Test (D5)	
Field Observation		• •							`	
Surface Water Pres		Yes No	<u>x</u> [	Depth (	(inches):					
Water Table Preser	nt?	Yes No					Wetl	land Hydrology Pr	esent? Yes	No X
Saturation Present'		Yes No								<del></del>
Describe Recorded		auge monitoring (	well aerial	nhotos	e previous insp	ections) if avail	aple.			
D0301100 11000.4.	T Data (offering	augo, momento	Voii, ac.i	prioto	s, providueer	5000110 <sub>j</sub> , 11 a.c	abic.			
Remarks: No wetland hydrolog	ny oboonyod									
No welland hydrolog	ly observed									

Tree Stratum (Plot size: 30 ft. )	Absolute % Cover	Dominant I Species?	ndicator Status	Dominance Test				
1				That Are OBL, FA			1	(A)
2				Total Number of I	Dominant			
3				Species Across A			3	(B)
				Descent of Demin	ant Chasins			<u> </u>
5				Percent of Domin			33.3	(A/B)
5								_
6				Prevalence Inde				
7				Total % Cov			Itiply by:	_
	0	= Total Cover		OBL species	0			
Sapling/Shrub Stratum (Plot size: 15 ft.)				FACW species	50			
1				FAC species	0			
2.				FACU species	30			_
3				UPL species	20	-		
				Column Totals:	100	(A) <u>:</u>	320	(B)
4				Prevalence	e Index = B/A = 3	3.2		
5								
6				Hydrophytic Veg	=		ation.	
7				1 - Rapid Te			ation	
	0	= Total Cover		3 - Prevalen				
Herb Stratum (Plot size: 5 ft.)					ogical Adaptatio		ide supportin	ıg
Phalaris arundinacea	50	Yes	FACW	data in F	Remarks or on a	separate	sheet)	
Lolium perenne			FACU	Problematic	Hydronhytic Ve	netation <sup>1</sup>	(Evnlain)	
				<sup>1</sup> Indicators of hyd				
3. Daucus carota	20	Yes	UPL	be present, unles		•	••	
4				be present, unles	s disturbed or p	TODIETTIALIC	·	
5				Definitions of Ve	egetation Strata	a:		
6				Tree – Woody pla	ants 3 in. (7.6 cr	n) or more	e in diameter	
7				at breast height (	DBH), regardles	s of heigh	nt.	
8				Sapling/shrub –	Woody plants le	ess than 3	in. DBH	
				and greater than	or equal to 3.28	ft (1 m) ta	all.	
9				Herb – All herbad	ceous (non-wood	dy) plants	, regardless	of
10.				size, and woody	plants less than	3.28 ft tall	l.	
11				Woody vines – A	All woody vines g	greater tha	an 3.28 ft in	
12				height.				
	100	= Total Cover						
Woody Vine Stratum (Plot size: 30 ft.)								
1.								
2.				Hydrophytic				
				Vegetation			Y	
3				Present?	Yes _	No	, <u>X</u>	
4								
	0	= Total Cover						
Remarks: (Include photo numbers here or on a separate sheet.)	1							

SOIL Sampling Point: DP-104 Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Color (moist) Color (moist) Type<sup>1</sup> Remarks (inches) % Texture 10YR 3/2 100 Clay Loam <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>: 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histosol (A1) Polyvalue Below Surface (S8) (LRR R, 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) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) <sup>3</sup>Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Rock Depth (inches): Χ Hydric Soil Present? Yes No 6 Remarks: Couldn't dig past 6" due to rock layer.

Project/Site:	Lockport-Batavi	ia #112 Rebuild Pr	oject	City/Cou	unty: Genesee		Sampling Date:	November 13, 2020	
	National Grid				<u> </u>	State: NY	Sampling Point:	DP-105	
	James Ireland			Section, 7	Township, Range:	Town of Alabama	_		
		Torrago			· -			Slope (%): 1	
Landform (hillslope, t	•	Terrace			ef (concave, convex			Datum: NAD83	
Subregion (LRR or M		LRR L		Lat: 43.07058	2°N Lor	- ·			
Soil Map Unit Name:	OvB - Ovid s	silt loam; 2 to 6 pe	rcent slopes			NWI class	sification: Not Mapp	ped	
Are climatic / hydrolo	ogic conditions or	n the site typical fo	or this time of ye	ear? Yes	<u>x</u> No	(If no, explain in	Remarks.)		
Are Vegetation	, Soil	, or Hydrology	sign	nificantly disturbe	d? Are	"Normal Circumstances"	present? Yes	No	
Are Vegetation	, Soil	, or Hydrology	natu	urally problematio	o? (If ne	eeded, explain any answe	ers in Remarks.)		
SUMMA	RY OF FIND	INGS – Attac	h site map	showing sar	npling point lo	ocations, transects	, important feat	tures, etc.	
Hydrophytic Veget	tation Present?	Yes	No	Х	Is the Sampled	Area			
Hydric Soil Presen	ıt?	Yes	No	Х	within a Wetlan	d? Yes _	No	<u>x</u>	
Wetland Hydrology	y Present?	Yes	No	Х	If yes, optional W	Vetland Site ID:			
HYDROLOGY									
	- Ilicetoro					Cocondary	1 dis-tare (minimum	(to and)	
Wetland Hydrolog							Indicators (minimum	of two requirea)	
Primary Indicators		e is required; chec			~.	<del></del>	Soil Cracks (B6)		
Surface Wate				-Stained Leaves	(B9)	Drainage Patterns (B10)			
High Water Ta				ic Fauna (B13)		Moss Trim Lines (B16)			
Saturation (A:	•			Deposits (B15)	(24)		son Water Table (C2)	1	
Water Marks Sediment Der	-			gen Sulfide Odor zed Rhizospheres		Crayfish Burrows (C8) ots (C3) Saturation Visible on Aerial Imagery (C9)			
Sediment Deposits				rea Knizospneres nce of Reduced I	s on Living Roots (C Iron (C4)		n visible on Aerial Im or Stressed Plants (D		
Algal Mat or 0	-				in Tilled Soils (C6)		on Stressed Plants (D ohic Position (D2)	1)	
Iron Deposits	` '			Muck Surface (C7			Aquitard (D3)		
l —	isible on Aerial In	nagery (B7)		(Explain in Rema			ographic Relief (D4)		
	getated Concave			(LApiani	arke,		utral Test (D5)		
Field Observation					1				
Surface Water Pre		Yes No	x Depth	h (inches):					
Water Table Prese		Yes No				Wetland Hydrology Pre	sent? Yes	No X	
Saturation Present	t?	Yes No				, ,			
(includes capillary	<u> </u>		all porial phot	too provious inst	acations) if available	<u> </u>			
Describe Recorded	J Data (Siream 9	auge, monitoring t	Nell, aeriai priot	.08, previous irisp	pections), if available	₽:			
Remarks:									
No wetland hydrolog	gy observed								

Tree Stratum (Plot size: 30 ft. )	Absolute Dominant Indicator % Cover Species? Status	Dominance Test worksheet:
, ,		Number of Dominant Species
1		That Are OBL, FACW, or FAC: 0 (A)
2		Total Number of Dominant
3		Species Across All Strata: 0 (B)
4.		Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
5	<del></del>	- Mat Ale Obl., PACW, OI PAC. (A/B)
6		Prevalence Index worksheet:
7		Total % Cover of: Multiply by:
	= Total Cover	OBL species <u>0</u> x 1 = <u>0</u>
Sapling/Shrub Stratum (Plot size: 15 ft.)	<u></u>	FACW species $0   x 2 = 0$
1		FAC species 0 x 3 = 0
2		FACU species 0 x 4 = 0  UPL species 0 x 5 = 0
3.		Column Totals: 0 (A) 0 (B)
4		Column Totals. <u>0</u> (A) <u>0</u> (B)
5		Prevalence Index = B/A =
6.		Hydrophytic Vegetation Indicators:
7		1 - Rapid Test for Hydrophytic Vegetation
-	<del></del>	2 - Dominance Test is >50%
	= Total Cover	3 - Prevalence Index is ≤3.0 <sup>1</sup>
Herb Stratum (Plot size: 5 ft.)	<u></u>	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
1		-
2	<del></del>	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		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
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.
12.	2 - Total Cayer	_ Norght.
M	= Total Cover	
Woody Vine Stratum (Plot size: 30 ft.)	<del></del>	
1		- Hydrophytic
2	<del></del>	- Vegetation
3		Present? Yes NoX
4		_
	0 = Total Cover	
Remarks: (Include photo numbers here or on a separate s	heet.)	
Dead soybean, after harvest		

SOIL Sampling Point: DP-105 Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Color (moist) Color (moist) Type<sup>1</sup> % Texture Remarks (inches) 0-20 10YR 3/3 100 Silty Clay Loam <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>: 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histosol (A1) Polyvalue Below Surface (S8) (LRR R, 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) Depleted Dark Surface (F7) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Mucky Mineral (S1) 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 149B) Other (Explain in Remarks) <sup>3</sup>Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: No X Hydric Soil Present? Yes Depth (inches): Remarks: No hydric soils observed

### APPENDIX B WATERCOURSE DATA FORMS - STREAMS



Stream Field ID: Stream 601
Data Point ID: DP-005 Date: 68/06/19 Project #: 190176
Project Name: NO - Balavia - Lockgott Article VII
Evaluator(s): Jimmy Treland
County: State: State:
Stream Name: Erie Canal - NYS Barge Canal
State Classified: Yes No Not Applicable
Lat: 43. 147/784 Long: -78. 7/6 194
Hydrologic Characteristics
Flow Regime: Perennial  Intermittent  Ephemeral
Surface Water: Present x Absent
Perceptible Flow: Present X Absent
Water Depth at Thalweg:
Wetted Perimeter Width: 89
Flow/Gradient Direction:
Geomorphologic Characteristics
Primary Substrate Class: Unknown
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: <u>65° - 1143°6</u>
Bank Stability Summary
Left Stable Manmade Banks
Right: Same as above



Data Point ID: DP- OCS

Habitat Characteristics
Aquatic Vegetation Present: Yes No X
Aquatic Organisms Observed: Yes No No
Terrestrial Organisms Observed: Yes No X
Riparian Characteristics
Riparian Vegetation Description (0' to 150' from TOB):
Left: What O'-150'- Upland short, Rose + Herry sockle
Right: Some as above
Associated Wetland Present: Yes Noy
Associated Artificial Drain Present: Yes No X
Jurisdictional Connectivity/Supplemental Comments:
This is a section of the time Conal



Stream Field ID:	Stream 002	<u> </u>				
Data Point ID:	DP-018 D	ate: 8/2	1/19 PI	roject #: 190176		
Project Name:	NG Batavia-Lockport Article VII					
Evaluator(s):	James Ireland	t				
County: Niasaro	<b>1</b>			New York		
Stream Name:	Minor to where	· Tonswands	Cruk			
State Classified: If Yes, Clas	Yes [☀] No sification:	No ⑤	t Applica	able		
Lat: <u>43.192682</u>	· · · · · · · · · · · · · · · · · · ·	Long:	- 78.67	78408		
	Hydrologic C	haracter	istics			
Flow Regime:	Perennial 📉	Intermitt	ent	Ephemeral		
Surface Water:	Present	X	Absent			
Perceptible Flow:	Present	X	Absent			
Water Depth at Th	alweg:	34"	inches			
Wetted Perimeter	Width:	26'	feet			
Flow/Gradient Dire	ection:	Solly				
Ge		e Charac	teristics			
Primary Substrate	e Class:	5-6				
		Nidth (ft.)				
	at DP	Min	Max			
	-tWM <u>20′</u>	'3'	୭୬			
Top of I	Bank #300	41	25'			
Bank Slope [Repor	ted as % or Ho	orizontal:∖	/ertical(ŀ	H:V)]:		
	500 -12006					
Right:	400 - 84%	,	•			
	Bank Stabil	ity Sumn	nary			
Left: Smbl	- Vereleted Banks					
D: 14: 0						
Right: Some on	alore					



Data Point ID: DP- 018

Habitat Characteristics
Aquatic Vegetation Present: Yes No X
Aquatic Organisms Observed: Yes No No No No No No No No No No No No No
Terrestrial Organisms Observed: Yes No Y
Riparian Characteristics
Riparian Vegetation Description (0' to 150' from TOB):  Left: O'-150- Row - Start - Gray degreed river grage.  Quen Ann's C. Coldward, P. Louzsteile.
Right: Some on above
Associated Wetland Present: Yes No X  If Yes, ID:
Associated Artificial Drain Present: Yes No X
Jurisdictional Connectivity/Supplemental Comments:
Flows South off PSL ink NNT



Stream Fi	eld ID: <u>Stre</u>	am <i>003</i>						
Data Point	ID: DP-	oaa Da	te: &/,	12/19 PI	oject #: 190176			
Project Na	me: NG	NG Batavia-Lockport Article VII						
Evaluator(	s): Jam	James Ireland / Bages Byran Anro						
County:	Ningorm				New York			
Stream Na		amed Tribul	uy la Muo	1 Cruk				
State Clas	sified: Yes es, Classifica		X No	t Applica	able			
Lat: <u>93</u>	141896		Long:	-78.60	15761			
	Hyd	rologic Ch	naracter	istics				
Flow Regir	me: Peren	nial	Intermitte	ent 🔀	Ephemeral			
Surface W	ater:	Present _		Absent	<u>'</u> X			
Perceptible	∍ Flow:	Present [		Absent	У			
Water Dep	oth at Thalweg	<b>j</b> :	0"	inches				
Wetted Pe	rimeter Width	: <u>_</u>	Ø'	feet				
Flow/Grad	ient Direction:	: <u> </u>	165L / So	45				
	Geomo	rphologic	Charact	eristics				
Primary S	Substrate Clas	3s:	<u>s:L</u>					
		W	idth (ft.)					
		at DP	Min	Max				
	OHWM	4	2	4				
	Top of Bank	4	23	le .				
Bank Slope	e [Reported a	s % or Hor	izontal:V	ertical(l	H:V)]:			
		60 - 8406	<u> </u>					
	Right: 35	50 - 70.16		. •.				
	i Mala Ba	nk Stabilit	y Summ	nary				
Left:	Shille-Vag	ptaled Bank	٤	·····	**			
- -					<del>/</del>			
Right: <sub>-</sub>	Some or alor	le						
-	****	· · · · · ·						
-								



Data Point ID: DP- *O*ລລ

Habitat Characteristics
Aquatic Vegetation Present: Yes No No No No No No No No No No No No No
Aquatic Organisms Observed: Yes No X  If Yes, Describe:
Terrestrial Organisms Observed: Yes No Y
Riparian Characteristics
Riparian Vegetation Description (0' to 150' from TOB):  Left: O'-156' - Resident of Yord.
Right: 0'-150' - Upland / Olecideus forest
Associated Wetland Present: Yes No X If Yes, ID:
Associated Artificial Drain Present: Yes \( \chi \) No \( \chi \) If Yes, ID: \( \lambda \) δοι \( \chi \)
Jurisdictional Connectivity/Supplemental Comments:
Flow South off of PSC into rendented area



Stream Fi	eld ID: Stre	eam Ooy
Data Point	ID: DP-	-035 Date: 8/0/19 Project #: 190176
Project Na	ıme: NG	Batavia-Lockport Article VII
Evaluator(	s): Jam	nes Ireland
County:	\ \( \lambda_i \)	asara Comby State: New York
Stream Na		Innamed Tribulars to Med Creek
State Clas	sified: Yes es, Classifica	
Lat: <u>43</u>	141015	Long: -76.649941
	Hyc	drologic Characteristics
Flow Regi	me: Perer	nnial 💢 Intermittent 📗 Ephemeral
Surface W	'ater:	Present P Absent
Perceptible	e Flow:	Present Absent
Water Dep	oth at Thalwe	g: <u>a'*#</u> inches
Wetted Pe	rimeter Width	n: <u><b>໒ʻ</b> ≰</u> feet
Flow/Grad	ient Direction	1: South
	Geomo	orphologic Characteristics
Primary S	Substrate Cla	ss: <u>S:L</u>
		Width (ft.)
		at DP Min Max
	OHWM	l (' l' 9'
	Top of Bank	11' 16' 15'
Bank Slop	e [Reported a	as % or Horizontal:Vertical(H:V)]:
	Left:	500 - 120%
	Right:	55" - 143%
	Ba	ank Stability Summary
Left:	Stall - Verclake	ed Banks
Right:	Samasabove	
	W- W - 1	



Habitat Cha	racteri	stics.
Aquatic Vegetation Present:  If Yes, Describe:	Yes	No ≻
Aquatic Organisms Observed:  If Yes, Describe:	Yes	□ No x
Terrestrial Organisms Observed:  If Yes, Describe:	Yes	□ No 🔀
Riparian Cha	aracter	istics
Riparian Vegetation Description (0	)' to 150	)' from TOB):
Left: ROW- 0'-150'- Mena	low Sveet	G. Goldwood, Bod Canary,
Queen Ann's	•	
		·
Right: Some a Sure		
Associated Wetland Present:  If Yes, ID:	Yes	s No ×
Associated Artificial Drain Present If Yes, ID:	:: Ye	s × No
Jurisdictional Connectivity	/Suppl	emental Comments:
Dianage way for nearby as held		
. N		



Stream Fi	eld ID: Stre	eam $\omega_5$				
Data Point	t ID: DP-	- C28 Date: 8/13/19 Project #: 190176				
Project Na	ıme: NG					
Evaluator(	s): Jam	nes Ireland				
County:	General Contract of the Contra	- Viacoren State: New York				
Stream Na	ame:	Unnamed Tribulary to Mud Creek				
State Clas	sified: Yes es, Classifica					
Lat: <u>43.</u>	140264	Long: <u>-78.635389</u>				
	Hyd	drologic Characteristics				
Flow Regi	me: Peren	nnial Intermittent 🗵 Ephemeral				
Surface W	ater:	Present Absent 🔀				
Perceptible	e Flow:	Present Absent X				
Water Dep	oth at Thalweg	g: <i>0'</i> inches				
Wetted Pe	rimeter Width	h:c'feet				
Flow/Grad	ient Direction:	1: North/VIX				
	Geomo	orphologic Characteristics				
Primary S	Substrate Clas	ass: S:L				
		Width (ft.)				
	d	at DP Min Max				
	OHWM					
	Top of Bank	( 10' 8' 12'				
Bank Slope	e [Reported a	as % or Horizontal:Vertical(H:V)]:				
Left: 35° - 70 %						
	Right:	10° - 84%				
	Ba	ank Stability Summary				
Left:	Sufe - Vegela	ated Banks				
	<del></del> -					
Right:	Some as above					
•						



Habitat Char	acteri	stics
Aquatic Vegetation Present:  If Yes, Describe:	Yes	No y
Aquatic Organisms Observed:  If Yes, Describe:	Yes	No <del> </del> ×
Terrestrial Organisms Observed:  If Yes, Describe:	Yes	No 😾
Riparian Cha	racter	istics
Riparian Vegetation Description (0' Left: 6'-15'- Upland Row S		
Right: Smean above		
Associated Wetland Present:  If Yes, ID:	Yes	s No 🗴
Associated Artificial Drain Present:  If Yes, ID:	Ye	s No X
Jurisdictional Connectivity/	Suppl	emental Comments:
Num west orling the PSL, sun	- North	hout of PSL



Stream Fi	eld ID: Stre	eam Ocl				
Data Point	ID: DP-	036 D	ate: 8//	3/19 P	roject#	190174
Project Na	me: NG	Batavia -L				
Evaluator(	s): <u>Jim</u> ı	my Ireland				
County:	Ningara Comb	<del>1</del>		State:	NY	
Stream Na	ime:	Unnamed Fil				
State Clas	sified: Yes es, Classifica	L	X No	t Applica	able	]
Lat:	3.146476		Long:	-78.68	2519	
	Нус	Irologic C	haracter	istics		
Flow Regi	me: Peren	ınial	Intermitt	ent 🗶	Ephe	meral
Surface W	ater:	Present	x	Absent		
Perceptible	e Flow:	Present		Absent	×	
Water Dep	oth at Thalwe	g:	<u> </u>	inches		
Wetted Pe	rimeter Width	n:	4' 3	feet		
Flow/Grad	ient Direction	: <u>/</u>	Vollh			
	Geomo	rphologic	Charac	teristics		
Primary S	Substrate Cla	ss:	SiL		<del></del>	_
		1	Vidth (ft.)			
		at DP	Min	Max		
	OHWM	4'	4'	6'		
	Top of Bank	8'	'7'	8'		
Bank Slope	e [Reported a			/ertical(l	H:V)]:	garage (* 1803)
		400 -879		•		
		10° - 84°18		·		sekaranga sinar alikuwanat wakanat denebihan si
		nk Stabil	ity Sumn	nary		editoral articles
Left:	Stallo-Vegetal	ed banks				
•						
Right:	0 4			· <u></u>		
i vigiti.	Smanabore	,				
•	,					<del></del>



Habitat Characteristics
Aquatic Vegetation Present: Yes No χ No χ
Aquatic Organisms Observed: Yes No No If Yes, Describe:
Terrestrial Organisms Observed: Yes No V
Riparian Characteristics
Riparian Vegetation Description (0' to 150' from TOB):  Left: O'-150' Row-Valued, Quien Applished flot kg GR, P.  Louse, Chlent Hensel
Right: Sure an orderive
Associated Wetland Present: Yes X No If Yes, ID: Wt-oi2
Associated Artificial Drain Present: Yes No 😕 If Yes, ID:
Jurisdictional Connectivity/Supplemental Comments:
Dianage chancel that flows from neighborhood to do north.



Stream Field	ID: Stream	am 007				
Data Point ID:	DP-	056 D	ate: <u>8/14</u>	lia Pi	roject #: 190176	
Project Name:	NG E	NG Batavia-Lockport Article VII				
Evaluator(s):	Jame	es Ireland				
County: Nie				State:	New York	
Stream Name	M.d	Creek + Trit	obaries			
State Classifie If Yes,	ed: Yes Classificat		No <b>&amp;</b>	t Applica	able	
Lat: <u>43.139999</u>	1		Long:	-78.58	8556	
And the second s	Hydr	ologic C	haracter	istics		
Flow Regime:	Perenr	nial	Intermitt	ent 🗡	Ephemeral	
Surface Water		Present		Absent	χ	
Perceptible Flo	ow:	Present		Absent	X	
Water Depth a	it Thalweg	•	C''	inches		
Wetted Perime	eter Width:			feet		
Flow/Gradient	Direction:		North			
	Geomor	phologic	Charac	teristics		
Primary Subs	strate Clas	s:	S:LC			
		V	Vidth (ft.)			
		at DP	Min	Max		
	OHWM	s'	Ì	5''		
Top	o of Bank	15	కి'	15'		
Bank Slope [R	eported as	% or Ho	rizontal:∖	/ertical(l	H:V)]:	
	Left:			-		
Ri	ght: SS®	-143%		•	Annual Control	
	Bar	ık Stabil	ity Sumn	nary		
یرک Left: <i></i>	4 Vesetonka	1 Barks				
Dialete 0						
Right: <u>&amp;</u>	ma above	<u>r.</u>				
		_ <del></del>				



Data Point ID: DP- OSG

Habitat Characteristics
Aquatic Vegetation Present: Yes No X
Aquatic Organisms Observed: Yes No X
Terrestrial Organisms Observed: Yes No No If Yes, Describe:
Riparian Characteristics
Riparian Vegetation Description (0' to 150' from TOB):  Left: 6'-150' - Weller O14 · P. Leased, ife, Brossel, Caller! Joques of Swal mendow, Flatlep
Right: Sime as about.
Associated Wetland Present: Yes No No If Yes, ID:
Associated Artificial Drain Present: Yes No >
Jurisdictional Connectivity/Supplemental Comments:
Claus North into DEC webland GA-21
· · · · · · · · · · · · · · · · · · ·



Stream Field ID: Stream 068
Data Point ID: DP- 063 Date: 8/19/19 Project #: 190176
Project Name: NG Batavia-Lockport Article VII
Evaluator(s): James Ireland
County: New York State: New York
Stream Name: And Creek + Techniques
State Classified: Yes  No  Not Applicable  If Yes, Classification:
Lat: 43.139879 Long:78.554396
Hydrologic Characteristics
Flow Regime: Perennial Intermittent Ephemeral
Surface Water: Present Absent
Perceptible Flow: Present Absent
Water Depth at Thalweg:inches
Wetted Perimeter Width:feet
Flow/Gradient Direction:
Geomorphologic Characteristics
Primary Substrate Class:
Width (ft.)
at DP Min Max
OHWM 3' 2' 3'
Top of Bank 10' 7' 11'
Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:
Left: 55' 143%
Right: _301 ~ \$616
Bank Stability Summary
Left: Stoph Uzchled Vanles
Right: Some above



Habitat Characteristics
Aquatic Vegetation Present: Yes No 🔀
Aquatic Organisms Observed: Yes No K
Terrestrial Organisms Observed: Yes No 🗴  If Yes, Describe:
Riparian Characteristics
Riparian Vegetation Description (0' to 150' from TOB):  Left:
Right: 0:150' Welland 020
Associated Method Descent: Yes No No
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 If Yes, ID:
Jurisdictional Connectivity/Supplemental Comments:
Flows from DEC without GA-le to the north off PSL



Stream Fi	eld ID: 📑	Stre	am ova				
Data Point	iD:	DP- ه	084 D	ate: 8/ಾ;	7/19 PI	roject #: <u>190176</u>	
Project Na	ıme:	NG E	Batavia-L	ockport A	rticle VI		
Evaluator(	s):	Jame	es Ireland	d			
County:	Genesee	)			_State:	New York	
Stream Na	ame:	_ 100	, of Cruk &	- Tribularies			
State Clas	sified: es, Class	Yes ificat	استخيرا	☐ No	t Applica	able	
Lat: <u> </u>	18732			Long:	-78.4	52947	
		Hydr	ologic C	haracter	istics		
Flow Regi	me: Pe	erenr	nial 😕	Intermitt	ent	Ephemeral	
Surface W	ater:		Present	×	Absent		
Perceptible	e Flow:		Present	发	Absent	$\times$	
Water Dep	oth at Tha	lweg	:	3"	inches		
Wetted Pe	rimeter W	/idth:		101	feet		
Flow/Grad	ient Direc	tion:		EASL			
is a second of the second	Geo	omor	**************************************	Charac	teristics		
Primary S	Substrate	Clas	s: <u>S</u>	:			
			1	Nidth (ft.)			
			at DP	Min	Max		
	OH/	ΛM	16'	151	16'		
	Top of B	ank	30,	201	20'		
Bank Slop	Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:						
·	Left:	90°	-84%		_	,	
			- 70%		_		
		Bar	nk Stabil	ity Sumn	nary		
Left:	D 2,56 -	and the second second second second	m a starte police and advantage to the formatter than	The second secon	a a language et al. 🚅 et a provincia et al. a land e		
	0			·			
Right:	Some or a	box					
			,		<del></del>		



Habitat Characteristics	
Aquatic Vegetation Present: Yes No κ	
Aquatic Organisms Observed: Yes No Selection	
Terrestrial Organisms Observed: Yes No Served: No Serve	
Riparian Characteristics	
Riparian Vegetation Description (0' to 150' from TOB):  Left: 6'-150'-Been / Webland	
Right: Smen about	
Associated Wetland Present: Yes No No No Service Associated Artificial Drain Present: Yes No No No No No No No No No No No No No	
If Yes, ID:	
Jurisdictional Connectivity/Supplemental Comm	ents:
Rum through wetland 023 which He TWMA.	



Stream Fi	eld ID: Stre	am Olo
Data Point	ID: DP-	<u>099</u> Date: <u>ლისა/ი</u> Project #: <u>ლისის</u>
Project Na	me: NG	Batavia -Lockport Article VII
Evaluator(	, <u> </u>	ny Ireland
County:	Consec Co.	State: NY
Stream Na		Greek & Triblures
State Clas		No Not Applicable
_	es, Classifica	
Lat: <u>43.</u> /	36007	Long: <u>-78 486358</u>
	Hyd	rologic Characteristics
Flow Regir	me: Peren	nial 🗡 Intermittent 🔲 Ephemeral
Surface W	ater:	Present Absent
Perceptible	e Flow:	Present   Absent
Water Dep	th at Thalweg	inches
Wetted Pe	rimeter Width	: <u>Əç ′</u> feet
Flow/Grad	ient Direction	tast
		rphologic Characteristics
Primary S	Substrate Clas	ss: <u>S:</u>
		Width (ft.)
	·	at DP Min Max
	OHWM	20' 21' 20'
	Top of Bank	25' 25' 25"
Bank Slope	e [Reported a	s % or Horizontal:Vertical(H:V)]:
	Left:	1 -8406
	Right: 40	-84%
	Ba	nk Stability Summary
Left:	Vishli. E.	add underest banks
Right:	Somemakere	·
•		
-		



Habitat Characteristics
Aquatic Vegetation Present: Yes No Yes No Yes
Aquatic Organisms Observed: Yes No No No No No No No No No No No No No
Terrestrial Organisms Observed: Yes No X
Riparian Characteristics
Riparian Vegetation Description (0' to 150' from TOB):  Left: 0! 150'- Ac field Hay
Right: Some on whove
Associated Wetland Present: Yes No No
Associated Artificial Drain Present: Yes V No If Yes, ID:
Jurisdictional Connectivity/Supplemental Comments:
Drainage through Agfield, Plans Weast in DEC welland
<u> </u>

#### APPENDIX C WATERCOURSE DATA FORMS - DITCHES



Ditch Fie	ld ID:	Ditch Ooi						
Data Poir	nt ID:	DP- 015			_ Date:	8/8/19		
Project N		NG Batavia-Lock	port Article V	11	_ Project #:			
Evaluator	r(s):	James Ireland						
County:		Ninsara County		·····	_ State:	New York		
Jurisdiction	onal:	Yes	No	$\nearrow$				
Lat:	43.148	057		Long:	78.683470			
		Jurisdiction	nal Determi					
Yes	No		Jurisd	lictional A	Attribute			
		1) Meets the US						
		"a water that co						
X.		(including an im						
		presence of the high water mark		ators of a b	ed and bank,	and an ordinary		
		2) Supplementin		Must Satis	efy At Least 1	of 5 Below)		
	×	a) Has Perenn	·	iviusi Galic	Bry At Least 1	of 3 Delow)		
	*	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						
-	1	(including wetlands);						
	\.	e) Has Ephemeral Flow and is Excavated in or Relocated within a						
	X	Tributary.						
		Hydr	ologic Chara	cteristics				
Flow Reg	ime:	Pe	rennial	Intermitt	ent 🔀	Ephemeral		
Surface V	Vater:	F	Present	Abs	ent 🔀			
Perceptib	le Flow:	F	Present	Abs	ent 😾			
Water De	pth at Tha	lwea:	0	" inches				
Wetted Pe		· ·	0	feet	-			
Flow/Grad	dient Direc	ction:		East				
Geomorphologic Characteristics								
Primary Substrate Class: S; L								
			Wi	dth (feet)				
at DP Min Max								
OHWM Q" 2' 2'								
Top of Bank 🥒 🧳 🦼 🧘								
Bank Slop	e [Report	ed as % or Horizo	ntal:Vertical(	H:V)]:				
			58%					
		Diabte	<b>~</b> .,					



Data Point ID: DP- 0 (5

	Bar	nk Stability Summary
Left Bank:	8mShi - Vegelish	led Banks.
Right Bank:		
g		
	' A CALLES Ha	bitat Characteristics
Aquatic Vegetation If Yes, De		Yes No Υ
Aquatic Organisms If Yes, De		Yes No 🖈
Terrestrial Organism		Yes No L
The state of the s	Rip	arian Characteristics
Riparian Vegetation Left:	n Description (0' to	0 150' from TOB): W- C. Golden cod P. Louiski, a Trasal,
Right:	0'-150 - Res-du	ntial Yard
Associated \\ If Yes, ID	Wetland Present:	Yes 🔀 No 🔙
Associated If Yes, ID	Artificial Drain(s) : <u>A Î)</u>	Present: Yes V No Oct
	Supplem	nental Notes & Comments:
Non jusselickung	1 dush that fle	us through PSL, Rus under ween road an PSC



Ditch Fie	ld ID:	Ditch (	200							
Data Poir	nt ID:	DP- OI	DP- 010					Da	ate:	5/8/19
Project N			avia-Lock	port Arti	cle V	]]		Projec		190176
Evaluator	r(s):	James I								···
County:		Ningara	County		•			Sta	ate:	New York
Jurisdiction	onal:		Yes		No	X				
Lat:	Lat: <u>43.141986</u> Long: <u>-78.679761</u>									
		Ju	risdictio	nal Det	ermi	nation (	Crite	eria		
Yes	No !			ال	urisc	lictiona	ıl At	tribute	and a	
			s the US							_
										another water
		l '	-		-					zed by the nd an ordinary
	į		/ater mark		indica	ators or 6	a DC	u anu bai	iin, a	ilu ali olullary
					ites (	Must Sa	atisfy	y At Lea	st 1	of 5 Below)
	<sup>ツ</sup>	a) Has	s Perenni	al Flow;			•			
	<b>×</b>	b) Has Intermittent Flow and is a Relocated Tributary;						ry;		
	У	c) Has Intermittent Flow and is Excavated in a Tributary;						ıtary;		
	\ <u></u>	d) Has Intermittent Flow and Drains Natural Water Bodies								
	<u> </u>		cluding w	<u> </u>						
	×		-	eral Flov	v and	is Exca	avat	ed in or	Relo	ocated within a
		l ri	butary.	••						
			Hydro	ologic C	hara	cterist	ics			
Flow Reg	ime:		Pei	rennial [		Intern	nitte	nt		Ephemeral 🔀
Surface V	Vater:		Р	resent [		Α	bse	nt 🗴		
Perceptib	le Flow:		Р	resent		А	bse	nt 😾		
Water De	pth at Tha	lweg:		_		o″ incl	hes		1	
Wetted Pe	erimeter V	Vidth:		_	0	″ fee	t			
Flow/Grad				-		South				
Geomorphologic Characteristics										
Primary Substrate Class: S. (										
					Wi	dth (fe	et)			<del></del>
			ı	at D	Р	Min		Max		
	$OHWM \qquad \qquad 2' \qquad 3' \qquad 3'$									
	Top of Bank 3' 3' 3'									
Bank Slop	e [Report	ed as %	or Horizo	ntal:Ver	tical(	H:V)]:				
	-	Left: _		-58%	`					
		Right:	3.0	er cal						



Bank	Stability Summary
Left Bank: Subli - Var	
Right Bank: Some on enbowe	
RIGHT BAHK and an answer	
Habi	tat Characteristics
Aquatic Vegetation Present:	Yes No y
If Yes, Describe:	
Aquatic Organisms Observed:	Yes No 📡
If Yes, Describe:	
Terrestrial Organisms Observed:	Yes No y
If Yes, Describe:	rian Characteristics
· 医多种性性 计多数元素的 计记录 电线电影 电影响 医克尔特氏管 医克尔特氏管 医克尔特氏 医克尔特氏 医克尔特氏 医克尔特氏 医克尔特氏管 医克尔特氏管 医克尔特氏管 医克尔特氏 医克尔氏管 医克克尔氏管 医克克氏管 医克克氏管 医克克氏管 医克克氏管 医克克氏管 医克克氏管 医克克氏管 医克克氏管 医克克氏管 医克克氏管 医克克氏管 医克克氏管 医克克氏管 医克克氏管 医克克氏管 医克克氏管 医克克克氏管 医克克氏管  医克克氏管	CS LEAD OVER SECURITY SECTION AND ADMINISTRATION OF THE ADMINISTRATION AND ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRA
Riparian Vegetation Description (0' to Left:	and
50'-150' R	OW, GR Galdenical, thiste, S. Knowned
Right: <u>0'-150' - Row</u>	_ ''
<del></del>	
Associated Wetland Present:	Yes No x
If Yes, ID:	1es 140 [X
Associated Artificial Drain(s) P	resent: Yes X No
Au.	DOC, AD-007, AD-005
Suppleme	ental Notes & Comments:
Nen jurisdictional detach on roo	A



<b>Ditch Fie</b>	ld ID:	Ditch 003						
Data Poir	nt ID:	DP-017			Da	ite:	8/8/19 190176	
Project N	ame:	NG Batavia-Lock	oort Article VII		Project	#: _	190176	
Evaluator	r(s):	James Ireland						
County:		Minsora County		•	Sta	te: <u>N</u>	lew York	
Jurisdiction	nal:	Yes	No [	Y				
Lat:	43.142	263	L	.ong:	78.6795	28		
	i ding dan	Jurisdictio	nal Determin	ation Cri	teria			
Yes	No -		Jurisdi	ctional A	ttribute			
		1) Meets the USA			•			
J		"a water that cor			-	~	· · · · · · · · · · · · · · · · · · ·	
\ \\ \		(including an imp	•				•	
	•	presence of the		tors of a be	ed and bar	nk, an	d an ordinary	
· · · · · · · · · · · · · · · · · · ·		high water mark'		4 - 1 0 - 1		1.4	(5.5.1.)	
	\_	2) Supplementing		lust Satis	y At Leas	st 1 0	f 5 Below)	
	$\frac{\times}{y}$	a) Has Perenni		·				
		b) Has Intermitt					•	
	_ χ	c) Has Intermitt						
	Y	d) Has Intermitt		Drains Na	atural Wa	iter B	odies	
		(including w						
	Α	e) Has Epheme	eral Flow and	is Excava	ted in or	Relo	cated within a	
	, /	Tributary.						
		Hydro	ologic Charac	teristics				
Flow Reg	ime:	Per	ennial	Intermitte	ent		Ephemeral X	
Surface V	Vater:	Р	resent	Abse	ent 🔀		·	
Perceptib	le Flow:	Р	resent	Abse	ent X			
Water De	pth at Tha	lweg:		inches	;			
Wetted Pe	erimeter V	vidth:	0	feet				
Flow/Grad	dient Direc	otion:		6.24				
Geomorphologic Characteristics								
	Primary	Substrate Class:	5;1					
Width (feet)								
			at DP	Min	Max			
	$OHWM \qquad 2' \qquad 2' \qquad 2'$							
Top of Bank 2' 2' 2'								
Bank Slop	e [Report	ed as % or Horizoi	ntal:Vertical(F	I:V)]:				
•	- •	Left: <u>50°</u> -	•					
		Right: 30" - 3						



	Bank	Stability Summary
Left Bank:	State - Vegelated	Burk
	·	
— Diaht Donk	0	
Right Bank	Some or Just	
	-	
	Habi	itat Characteristics
Aquatic Vegetation P		Yes No 🔀
If Yes, Desc		
Aquatic Organisms O	bserved:	Yes No No
If Yes, Desc		
Terrestrial Organisms	Observed:	Yes No 🔽
If Yes, Desc	cribe:	
	Ripar	rian Characteristics
Riparian Vegetation [		·
Left:	ROW- 0'-150'.	. S. Graguezed Honeysuckle, C. Golder rock.
_		
Dialet.	C/ 50 /	
Right:	0'-50'-Rowd 50'-150'-ROW-	- C /
<u>.</u>	SO TSO KOW	- Sime and G Bout
— Associated W	etland Present:	Yes No 🗡
If Yes, ID:		
Associated A	rtificial Drain(s) P	resent: Yes 🔀 No
If Yes, ID:		-009,010,011
	Suppleme	ental Notes & Comments:
Non justisdithered re		
		The state of the s



Ditch Fie	ld ID:	Ditch 004			_			
Data Poir	nt ID:	DP- 019		Da	te:	8/ <u>k</u> 1/9 190176		
Project N	ame:	NG Batavia-Lock	ort Article	Project	:#:	190176		
Evaluator	r(s):	James Ireland	James Ireland					
County:		Nasora County			_ Sta	te: _	New York	
Jurisdictio	onal:	Yes	□ N	lo 🗴				
Lat:	<u> 43. 141</u>	193		Long:	78.6535	75	·	
	and seek	Jurisdictio	Markin rinkalanga Arma	mination Cr	ARMADA PARA PERSONAL PROPERTY OF THE PARAMETER			
Yes	No		SEPT. TOTAL SEPTEMBER OF SHEET	isdictional A	KANDII MANIMEREESI ISLASTAISEESI SEE			
		1) Meets the USA			•			
ベ		"a water that cor (including an imp						
		presence of the		-			-	
		high water mark		alcators or a c	eu anu bai	ik, ai	id all oldinary	
		2) Supplementing		s (Must Satis	sfy At Leas	st 1	of 5 Below)	
	X	a) Has Perenni		•			į.	
	X	b) Has Intermit	ent Flow	and is a Relo	cated Trik	outai	ry;	
	×	c) Has Intermitt						
	入	d) Has Intermitt		and Drains N	latural Wa	ter E	3odies	
		(including w						
	X	e) Has Ephemeral Flow and is Excavated in or Relocated within a						
		Tributary.						
		Hydro	logic Ch	aracteristics				
Flow Regi	ime:	Per	ennial 🗌	Intermit	tent 🗶		Ephemeral	
Surface V	Vater:	Р	resent 🔀	Abs	ent			
Perceptibl	le Flow:	Р	resent	Abs	ent 🗴			
Water De	pth at Tha	alweg:		了" inche	s			
Wetted Pe	erimeter V	Vidth:		了' feet				
Flow/Grad	dient Dire	ction:		Soul				
Geomorphologic Characteristics								
Primary Substrate Class: S-(								
Width (feet)								
			at DP	Min	Max			
OHWM 5' 5' 5'								
	Top of Bank 12' 12'							
Bank Slop	e [Repor	ted as % or Horizo	ntal:Vertic	al(H:V)]:				
		Left: <u> </u>	~ 100°lo					
	Right: 45 100%							



	k Stability Summary
Left Bank: Smylo- Veselille	New grass
Dight Books Q	
Right Bank: Some in almoe	
Hat	oitat 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:	
Ripa	arian Characteristics
Riparian Vegetation Description (0' to	
Left: O'SC' - Road	
Soi-150'- RUN	1 - RC grass, S. Knywed, herdoch, Q. Amislace
Right: 0-180 - 8 ame.	m 1600 whove
Associated Wetland Present:	Yes No 🛪
If Yes, ID:	
Associated Artificial Drain(s) F	Present: Yes 🕆 No
If Yes, ID:	013 117-017
Supplem	ental Notes & Comments:
Nen jurisdictional Roaderche Ditch	4. Sharren da ad Nebral Sharpon Michael and Alberta Charles and Angeles and An
	Apple 100 miles and 100 miles



Ditch Fie	ld ID:	Ditch (	)05						/ (
Data Poir	nt ID:	DP- 024					Da	ıte:	8/12/19
Project N		NG Bata	port Arti	cle VI	]	Project	t#:	190176	
Evaluator	r(s):	James II	reland						
County:			_	Ninga	ra la	unk	. Sta	ıte: ˌ	New York
Jurisdiction	onal:		Yes	X	No [				
Lat:	43.14	1289			L	ong:	18.653.	3 <i>84</i>	· · · · · · · · · · · · · · · · · · ·
		Ju	risdictic	Barbandalin Galden Gazaren eta	o/Man-Well-Hallandersond	ation Cri			
Yes	No.			re-off telephone constitution and telephone first	AN HOUSE, PRINCIPAL PROPERTY OF	ictional <u>A</u>	PROPERTY OF STREET	V. 100	
						n of a Trib	•		
\ \x	,								nother water
						a water that			nd an ordinary
			ater mark		IIIulca	1015 01 a bi	eu anu bai	ik, a	nd an ordinary
					tes (N	/lust Satis	fy At Lea	st 1	of 5 Below)
			s Perenn	_			· · · · · · · · · · · · · · · · · · ·		
		b) Has	s Intermit	tent Flov	w and	is a Relo	cated Trib	outa	ry;
		c) Has	s Intermit	tent Flov	v and	is Excava	ated in a	Tribu	ıtary;
X						Drains N	atural Wa	ter l	Bodies
		<u> </u>	cluding w						
		e) Has Ephemeral Flow and is Excavated in or Relocated within a							
		Tri	butary.				····		
			Hydr	ologic C	hara	cteristics	ilia in na 19		
Flow Reg	ime:		Pe	rennial [		Intermitte	ent 🔝		Ephemeral 🔀
Surface V	Vater:		F	resent [		Abs	ent 🔀		,. **
Perceptib	le Flow:		F	resent		Abs	ent 🔀		•
Water De	pth at Tha	ılweg:		_	· ()	, ~ inches	, <u>——</u>		
Wetted Pe	erimeter V	Vidth:		_	0	feet			
Flow/Grad				_	No	14			
Geomorphologic Characteristics									
	Primary	Substrat	e Class:						
					Wic	dth (feet)			
				at D		Min	Max		
			OHWM	1		1'	/'		
		Тор	of Bank	4'		41	4'		
Bank Slop	e [Report	ed as %	or Horizo	ntal:Ver	tical(F	H:V)]:			
		Left:		8406	<del></del>				
		Diaht.	1110	21101					



Bank	Stability Summary
Left Bank: Shylo-Veschtel	Bunks, compact soil
Right Bank: Some maker	- 1
-	
Habi	tat Characteristics
Aquatic Vegetation Present:  If Yes, Describe:	Yes No 🔽
Aquatic Organisms Observed:  If Yes, Describe:	Yes No y
Terrestrial Organisms Observed:  If Yes, Describe:	Yes No 🗸
Ripar	ian Characteristics
Riparian Vegetation Description (0' to 1	150' from TOB):
Left: 0' 50' - Read	
_ 561-150-ROW - 6	and Canany, Sp. knaproced
Right: 0'-150- Spokdkrag	1010
Night. O 1730 Spoke Kong	over wear giss
Associated Wetland Present:  If Yes, ID:	Yes No X
Associated Artificial Drain(s) Pr	resent: Yes X No
	ntal Notes & Comments:
Connects to ST-ACY subside oil	PSC
the Junsdictional randside delah	



Ditch Fie	ld ID:	Ditch 👓			_				
Data Poir	nt ID:	DP- 025			_ _ Da	te:	8/13/19		
Project N		NG Batavia-Lockport Article VII			Project	#:	190176		
Evaluator	r(s):	James Ireland							
County:			Ningara		<sub>-</sub> Sta	te: <u>N</u>	ew York		
Jurisdiction	onal:	Yes	No	$\succ$					
Lat:	43.140	481		Long:	78.6291	75			
		Jurisdictio	onal Determi	nation Cri	teria	en engelsk			
Yes	No .		Juriso	dictional A	ttribute				
		1) Meets the US			•				
		"a water that co			•	_			
X		(including an in presence of the	-				•		
,		high water mar		alois oi a bi	cu anu bar	ik, aiiu	an ordinary		
		2) Supplementir		Must Satis	fy At Leas	st 1 of	5 Below)		
	×	a) Has Perenr	nial Flow;				<u> </u>		
	×	b) Has Intermi	ttent Flow an	d is a Relo	cated Trib	outary	,		
7.	×	c) Has Intermi	ttent Flow an	d is Excava	ated in a 1	ributa	ary;		
	>	d) Has Intermi		d Drains N	atural Wa	ter Bo	odies		
	,	(including v							
	>	e) Has Ephem	eral Flow and	d is Excava	ated in or	Reloc	ated within a		
		Tributary.							
		Hydi	ologic Char	acteristics					
Flow Reg	ime <u>:</u>	Pe	erennial	] Intermitt	ent	. !	Ephemeral 🔀		
Surface V	Vater:	Present Absent 🔀							
Perceptib	le Flow:	Ī	Present	Abs	ent 🗡				
Water De	pth at Tha	lweg:	0	inches	 3				
Wetted Pe	erimeter V	Vidth:		<sup>2′</sup> _feet					
Flow/Grad	dient Direc	ction:		Soul			_		
		Geomor	phologic Ch	aracterist	ics				
	Primary Substrate Class: SL								
			W	idth (feet)					
			at DP	Min	Max				
		OHWM		1'	2'				
		Top of Bank	: 'ブ'	6'	101				
Bank Slop	e [Report	ed as % or Horizo	ontal:Vertical	(H:V)]:					
			-46 ola	<del></del>					
		Dight: a.o	- 1-01						



	Stability Summary
Left Bank: Stayle - vegelated	Banks
·	
Right Bank: Sane an above	
Sane ac gure	
Habi	tat Characteristics
Aquatic Vegetation Present:  If Yes, Describe:	Yes No x
Aquatic Organisms Observed:  If Yes, Describe:	Yes No 🔀
Terrestrial Organisms Observed:  If Yes, Describe:	Yes No 🔀
Ripa	ian Characteristics
Riparian Vegetation Description (0' to	150' from TOB):
Left: 6'-So'- Road	
50'-150'- ROW- (	Callail, P. Locsetik
Di II	
Right: O'-150' - ROW - Tex	of C. geldenced, placetile
·	
Associated Wetland Present:  If Yes, ID:	Yes No 🗴
Associated Artificial Drain(s) P	resent: Yes X No
If Yes, ID: AD-	820, AD-coi
Suppleme	ntal Notes & Comments:
Nen - Insdictional radiate ditals	



Ditch Fie	ld ID:	Ditch (	)07						
Data Poir	nt ID:	DP- 033				_ Da	ate: _	8 /13/19 190176	
Project N			NG Batavia-Lockport Article VII				Projec	t #: 💆	190176
Evaluator	(s):	James I	-	·=·					
County:		Ningara	County				_ Sta	ate: <u>1</u>	New York
Jurisdiction	onal:		Yes	40	No	×			
Lat:	43.14	1057L		·		Long:	-78.629	017	
J. Syries	Mrs. Names Co.	Ji	ırisdictic	nal Det	ermi	nation Cı	iteria		
Yes	No			J. J. J	urisc	lictional	Attribute		
						n of a Tri			
<b>X</b>							•	_	nother water
X			_	-	-		nat is chara		7
	-		vater mark		muica	alors or a r	bed and ba	rik, ari	d an ordinary
					ites (	Must Sati	sfy At Lea	st 1 o	of 5 Below)
	χ		s Perenn		<del></del>			-	,
	×	b) Ha	s Intermit	tent Flov	w and	is a Rel	ocated Tri	butar	у;
	〉						/ated in a		
	×					Drains I	Natural Wa	ater B	odies
			cluding w		•				
	×			eral Flov	v and	l is Excav	ated in or	Relo	cated within a
		<u> </u>	butary.	<del></del>					
			Hydr	ologic C	hara	cteristic	S		
Flow Regi	ime:		Pe	rennial [		Intermit	tent		Ephemeral 🔀
Surface V	Vater:		F	resent [		Abs	sent 🔀		
Perceptibl	le Flow:		F	resent [		Abs	sent 🗡		
Water De	pth at Tha	lweg:		_	(	ີ້ inche	es	ı	
Wetted Pe	erimeter V	Vidth:		-	G'	feet			
Flow/Grad				•		<u> </u>			
			Geomor	- ohologi		aracteris	tics		
Primary Substrate Class: S: L									
					Wi	dth (feet			<u> </u>
				at D		Min	Max		
			OHWM	2'		گر	2'		
		Тор	of Bank	5 '	′	31	5'		
Bank Slop	ntal:Ver	tical(	H:V)]:						
		Left: _	25"	- 4706	·			•	
		Diabte	A	710					



	Bank Stability Summary
Left Bank: <u>Ջե</u> Մ - Ն	sctale/Banks
	· · · · · · · · · · · · · · · · · · ·
Disabt Develop 0	
Right Bank: <u>Line an af</u>	not.
	Habitat Characteristics
Aquatic Vegetation Present:	Yes No 🔀
If Yes, Describe:	
Aquatic Organisms Observed:	Yes No 🛴
If Yes, Describe:	
Terrestrial Organisms Observe	d: Yes No 😾
If Yes, Describe:	
	Riparian Characteristics
Riparian Vegetation Description	
	- WL-OM - People Loosestife, Flat up GR, Culler Kase 1
All-Cathai	<u>'</u>
Right: <u>Same on au</u>	hore
Associated Wetland Pre	esent: Yes 🔀 No
If Yes, ID:	WL-012
Associated Artificial Dra	ain(s) Present: Yes 🔀 No
	1) - 624 AO-25
Sun	oplemental Notes & Comments:
Non justiketional Roadsole A.	



Ditch Fie	ld ID:	Ditch ⊘vγ								
Data Poir	nt ID:	DP- 037			Date:	<u>δ/14/14</u> 190176				
Project Na	ame:	NG Batavia-Lockport Article VII			Project #:	190176				
Evaluator	(s):	James Ireland								
County:		Niagara County			State:	New York				
Jurisdiction		Yes	No No	<del>\text{\ti}\text{\texi{\text{\texi{\text{\texi}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}}}\\ \tittt{\titt{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\text{\texi}\text{\text{\texi}}\tittt{\text{\texit{\text{\ti}\tinttitt{\texi}}}\tinttitex{\text{\texi}}}\text{\t</del>						
Lat:	43, 140	114		Long:	78.614746	**************************************				
		Jurisdiction	nal Determi	nation Cri	teria 🗼 🗀					
Yes	No.		Juriso	lictional A	ttribute					
		1) Meets the USA			•					
		"a water that cor			•					
Υ		(including an imp	•			*				
		presence of the presence of th		ators of a be	ed and bank,	and an ordinary				
		Supplementing		Must Satis	fy At Least 1	of 5 Below)				
	Х	a) Has Perenni	al Flow;							
	X	b) Has Intermitt	b) Has Intermittent Flow and is a Relocated Tributary;							
	≻	c) Has Intermitt	ent Flow and	d is Excava	ated in a Trib	outary;				
		d) Has Intermitt	d) Has Intermittent Flow and Drains Natural Water Bodies							
	>	`	(including wetlands);							
	>	e) Has Ephemeral Flow and is Excavated in or Relocated within a								
		Tributary.								
		Hydro	ologic Chara	acteristics						
Flow Reg	ime:	Per	rennial	Intermitte	ent	Ephemeral 🔀				
Surface V	Vater:	Р	resent 🔀	Abs	ent					
Perceptib	le Flow:	. Р	resent	Abs	ent 🔀					
Water De	pth at Tha	ılweg:		inches	3					
Wetted Pe	erimeter V	Vidth:	J	feet						
Flow/Grad	dient Direc	ction:	S	4		<u>.                                    </u>				
Geomorphologic Characteristics										
	Primary Substrate Class: らんc									
			Wi	dth (feet)						
			at DP	Min	Max					
OHWM 2' 3' 3'										
		Top of Bank	\$5°	s'	4.					
Bank Slor	e [Report	ed as % or Horizo	ntal·Vertical/	H-V)1-						

Left: 35° -70% Right: 36° -58%



Ban	k Stability Summary
Left Bank: Suble - Wescholen	1 Banks
	· :
Right Bank: Same as a lave	
Hat	oitat Characteristics
Aquatic Vegetation Present:  If Yes, Describe:	Yes No 🗡
Aquatic Organisms Observed:  If Yes, Describe:	Yes No 🛌
Terrestrial Organisms Observed:  If Yes, Describe:	Yes No 🗵
Ripa	irian Characteristics
Riparian Vegetation Description (0' to Left:	
	Mut has been enoused
Right: 6'-150'- ROW-	May, at lent unsal, M. Ikval
Associated Wetland Present: If Yes, ID:	Yes No 🗡
Associated Artificial Drain(s) F	
Suppleme	ental Notes & Comments:
Non jurisductional romalist of	
	·



Ditch Fie	ld ID:	Ditch OGA							
Data Point ID: DP- 042						_ Da	te:	8/14/19	
Project Name: NG Batavia-Lockport Article				le VII		Project		190176	
Evaluator	r(s):	James Ireland							
County:		Niagara ! County				Sta	te:	New York	
Jurisdiction	onal:	Yes		No 🗶					
Lat:	<u>43.14</u>	<u>0383</u>		Long	: <u> </u>	78.61408	55		
		Jurisdictio	nal Dete	rminatio	n Cri	iteria 🔻 🗆			
Yes	No.		With the Children Children Children	risdictio	Priparity in the Colorest Sea	EN LUNCHMENTS DE RELETAGE PORTERER C			
		1) Meets the US/				•			
		"a water that cor				-	_		
X	N.	(including an impresence of the		•				9	
,		high water mark		ilaloatois	oi a p	cu anu ban	ik, a	ind an ordinary	
		2) Supplementing		es (Must	Satis	sfy At Leas	st 1	of 5 Below)	
	×	a) Has Perenni	al Flow;						
	×	b) Has Intermit							
	>	c) Has Intermit	ent Flow	and is E	xcav	ated in a T	ribı	utary;	
	>	d) Has Intermit			ins N	latural Wa	ter	Bodies	
		<del></del>	(including wetlands);						
	۶	e) Has Epheme Tributary.	eral Flow	and is E	xcava	ated in or f	Relo	ocated within a	
	Anger Sansy Marie (1984)	<del>-</del>				A SOME A SECURE AND A SECURE AN	9839 km		
1. 14 n i 140 i 15 n i 14				haracter			2 4 4		
Flow Reg	ime:	Per	ennial [	l Inte	ermitt	ent		Ephemeral 🔀	
Surface V	Vater:	Р	resent _		Abs	ent $\chi$			
Perceptib	le Flow:	Р	resent [		Abs	ent 📐			
Water De	pth at Tha	ılweg:	_	<i></i>	nche	S			
Wetted Pe	erimeter V	Vidth:		<i>C'</i> f	eet				
Flow/Grad	dient Dire	ction:		Nort 5					
Geomorphologic Characteristics									
Primary Substrate Class: S: (C									
				Width (	feet)				
			at DF	N	lin	Max			
		OHWM	ನ.	2	>′	2'			
		Top of Bank	5'	- 1	٢,	۷'			
Bank Slop	e [Report	ed as % or Horizo	ntal:Verti	ical(H:V)]	]:				
		Left:	8406						
		Right: %" -	c 401.						



	Ban	k Stability	Summa <b>r</b> y		4
Left Bank:	Stands - Vegetaled				
				,	
- Right Bank	Same on above.	<u>, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,</u>			
Night Bank	Soul on above.	· · · - · · · · ·			
- · · · · · · · · · · · · · · · · · · ·					
	i Hal	bitat Chara	cteristics "		e raif
Aquatic Vegetation F			Yes No	χ	
Aquatic Organisms (			Yes No	<u></u>	
Terrestrial Organism If Yes, De			Yes No	Ţ.	
	Ripa	arian Chara	cteristics		
Riparian Vegetation	Description (0' to	150' from T	OB):		
Left: _	0'-50'- Road		,		
-	50'-150 - ROW	- Milkreed, Q.	en Anis, Hay		
- Dight:	City Sell Da	- (1: (-1)	716-1		<u>·</u>
Mgnt. <u>I</u>	O'-isci. ROW,	Cullent, lang	//- TRWEEN		
- -					
Associated V If Yes, ID:	Vetland Present:		Yes No	<u> </u>	
Associated A	Artificial Drain(s)	Present: -2′7	Yes 🗶 No		
	Supplem	ental Notes	& Comments:		
Non just detunal					
	W W.	· · · · · · · · · · · · · · · · · · ·			
		· · · · · · · · · · · · · · · · · · ·			



Ditch Fie	eld ID:	Ditch 610				
Data Poir	nt ID:	DP- 0493			Date:	8/14/19
Project N	ame:	NG Batavia-Lockport Article VII			Project #:	190176
Evaluator	r(s):	James Ireland				
County:		Ninger County	<u> </u>		State:	New York
Jurisdiction	onal:	Yes	No [		•	
Lat:	43.140	505	L	_ong: _ <i>-</i> _	8.609401	
Acres (All Section )		Jurisdictio	nal Determir	nation Cri	teria.	
Yes	No:		Jurisd	ictional A	ttribute	
		1) Meets the US/				
		"a water that cor				
Х		(including an imp				-
<b>'</b>		presence of the high water mark		itors of a be	ea ana bank, a	and an ordinary
		2) Supplementing		Must Satis	fv At Least 1	of 5 Below)
	<i>&gt;</i>	a) Has Perenni	<u> </u>		., / 11	
	>	b) Has Intermit	· · · · · · · · · · · · · · · · · · ·	l is a Relo	cated Tributa	ary;
	>	c) Has Intermit	tent Flow and	is Excava	ated in a Trib	utary;
X		d) Has Intermit	tent Flow and	Drains N	atural Water	Bodies
/ -		(including w	etlands);			
	×		eral Flow and	is Excava	ited in or Rel	ocated within a
	<u> </u>	Tributary.				
		Hydro	ologic Chara	cteristics		
Flow Reg	ime:	Per	rennial	Intermitte	ent 🔀	Ephemeral
Surface V	Vater:	Р	resent	Abs	ent 🔀	
Perceptib	le Flow:	Р	resent	Abs	ent 🔀	
Water De	pth at Tha	ilweg:	C <sup>1</sup>	inches	3	
Wetted Pe	erimeter V	Vidth:	0	feet		
Flow/Grad	dient Direc	ction:	Sol	4		<u></u>
		Geomorp	phologic Cha	ıracteristi	CS	
	Primary	Substrate Class:	S:1C			
			Wid	dth (feet)		
			at DP	Min	Max	
		OHWM	4'	3′	S'	
		Top of Bank	6'	5 '	8'	
Bank Slop	e [Report	ed as % or Horizo		H:V)]:		
		Left: 35°-	70°l	<u>.                                    </u>		
		Right. 300 -	-001			



	Bar	nk Stability Su	mmary		
Left Bank:	Shith- Vegether	Banki			
-					
Diaht Dank	9 1 -	· · · · · · · · · · · · · · · · · · ·	* -	4	
Right Bank:	Some or above.			·	
-					
	Walley Ha	bitat Characte	ristics		
Aquatic Vegetation	CHILDRESSON CONT. COMMON THE 2017 CONT. CO	新用作的 建甲基丙基甲基乙基甲基 (1995年) (1996年) (1996年) (1996年) (1996年) (1996年) (1996年) (1996年) (1996年) (1996年) (1996年) (1996年)	Yes	No 🔍	energe years
If Yes, De				لـــــــــــــــــــــــــــــــــــــ	
Aquatic Organisms	Observed:		Yes 🗌	No 📐	
If Yes, De					
Terrestrial Organism			Yes	No 🔀	
If Yes, De		District of the second of the		es commence a service i processo accesso de la compansa de compansa de la compansa del compansa de la compansa de la compansa del compansa de la compansa del la compansa del la compansa del la compansa de la compansa	ideaceNew New
	Rip	arian Charact	eristics 💮		
Riparian Vegetation	•		•		
Left: _	0'-150' - Upi	land Rav- Cu	but Tonsal, a	Iron Amistacy C.GR	
-		· · · · · · · · · · · · · · · · · · ·	<del></del>	<u> </u>	
- Dight:	al and we	ci All ins	. 0 1		
Right:	69 61.50	y land la	· II I	Spp. P. Lousestile	
·	20 -120.	vering. Jump	M. HARRY, LACK	1999	
Associated \	Wetland Present:		Yes	No λ	
If Yes, ID:				<u></u>	
Associated A	Artificial Drain(s)	Present:	Yes	No 🔀	
If Yes, ID:					
	Supplem	nental Notes &	Comments:		
Fun dramage ditu					
		· · · · · · · · · · · · · · · · · · ·			
	***				
*****	·		,		
				14.47	



Ditch Fie	ld ID:	Ditch Old							
Data Poir	nt ID:			Da	ite: _	8/15/19			
Project Name: NG Batavia-Lockport Article VII						t #: _	190176		
Evaluator(s): James Ireland									
County:		Nincorn County			_ Sta	ıte: <u>1</u>	lew York		
Jurisdiction	onal:	Yes	<i>₩</i> No	X			,		
Lat:	43.140	224		Long:	78.5962	165			
	Alexander (	Jurisdiction	nal Determi	nation Cri	teria	r e l'			
Yes	No.		Jurisc	lictional A	ttribute				
		1) Meets the USA	ACE Definition	n of a Trib	outary				
		"a water that cor			-	_			
×	Ø.	(including an imp					•		
		presence of the		ators of a b	ed and bar	nk, an	d an ordinary		
	,	high water mark		Must Catia	£. At L	-11-	f F Delevi)		
	\c	2) Supplementing		wusi Salis	iy At Lea	SLIO	of 5 Below)		
_	×	a) Has Perenni		lio a Dolo	ootod Trib	outon.			
	ν	b) Has Intermitt							
	<u>×</u>	c) Has Intermitt							
	<b>&gt;</b>	d) Has Intermitt		Drains IV	aturai vva	iter B	oales		
		· · · · · · · · · · · · · · · · · · ·	(including wetlands); e) Has Ephemeral Flow and is Excavated in or Relocated within a						
	×	e) ⊓as ⊑prieme Tributary.	erai Flow and	is Excava	ated in or	Relo	cated within a		
		Tributary.							
		Hydro	logic Chara	cteristics					
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	ılweg:	C	· inches	3				
Wetted Pe	erimeter V	Vidth:	C	feet					
Flow/Grad	dient Direc	ction:		6124					
		Geomorp	hologic Ch	aracterist	ics				
	Primary	Substrate Class:	S:(C	,	•				
	Width (feet)								
			at DP	Min	Max		•		
		OHWM	1'	1.	<i>ව'</i>				
		Top of Bank	37'	<i>y'</i>	5'				
Bank Slor	e (Report	ted as % or Horizon		H:V)1:					
	rp-5		17%	/1,					
	Right: 20° - 36%								



Bank St	ability Summary
Left Bank: Shill - Uge Leked Bask	5
	·
Digital Deadle 0	
Right Bank: <u>Son as where</u>	
Habitat	Characteristics
Aquatic Vegetation Present:	Yes No K
If Yes, Describe:	
Aquatic Organisms Observed:	Yes No N
If Yes, Describe:	
Terrestrial Organisms Observed:	Yes Mo λ
If Yes, Describe:	
Ripariar	n Characteristics
Riparian Vegetation Description (0' to 150	
Left: <u>O'150'- Welland 1</u>	7 - D. Lossestik, Bonnet Flattep.
Diable of the 1	
Right: 6'-50'- Red	Mikwed, at's lace Combo Coldna
So So Upland Share	/ likester, with vace commy orangest
Associated Wetland Present:	Yes 🗸 No
If Yes, ID:	
Associated Artificial Drain(s) Pres	ent: Yes Y No
If Yes, ID: <u>AD -008</u>	
Supplementa	al Notes & Comments:
New juisdatural conducte ditch	official ELECTION CONTROL OF STATE OF THE CONTROL O



Ditch Fie	ld ID:	Ditch G/2			,	
Data Poir	nt ID:	DP- <i>0</i> 53 Da				
Project Na		NG Batavia-Lock	Project #	<b>4</b> : <u>190176</u>		
Evaluator	(s):	James Ireland				
County:		Niagara County		State	e: New York	
Jurisdiction	onai:	Yes	No 🔀			
Lat:	43.1399	24	Long:	<u>-78.57394</u>	<u> </u>	
		<b>Jurisdiction</b>	nal Determination	n Criteria		
Yes	No		Jurisdiction	nal Attribute		
			ACE Definition of a	•		
			tributes flow, either			
χ			ooundment) to a wat		-	
^		high water mark	physical indicators o	r a bed and bank	k, and an ordinary	
			Attributes (Must	Satisfy At Least	1 of 5 Below)	
	<b>×</b>	a) Has Perenni				
	入	b) Has Intermitt	ent Flow and is a	Relocated Tribu	ıtary;	
	×	c) Has Intermittent Flow and is Excavated in a Tributary;				
	\( \( \)	d) Has Intermittent Flow and Drains Natural Water Bodies				
	X	(including wetlands);				
	X	e) Has Ephemeral Flow and is Excavated in or Relocated within a				
	, /	Tributary.				
-						
		Hydro	ologic Characteris	stics		
Flow Reg	ime:	XXXX	ATTOWN DOS. AND SOLUTION OF STREET CONTROL OF STREET	stics	Ephemeral 🔀	
Flow Reg		Per	ATTOWN DOS. AND SOLUTION OF STREET CONTROL OF STREET	**************************************	Ephemeral 🟏	
_	Vater:	Per P	ennial Inte	rmittent	Ephemeral 🔀	
Surface V	Vater: le Flow:	Per P	rennial Interesent	rmittent	Ephemeral 🔀	
Surface V	Vater: le Flow: pth at Tha	Per P P Ilweg:	rennial Interesent resent	rmittent Absent Absent	Ephemeral 🔀	
Surface V Perceptible Water De	Vater: le Flow: pth at Tha erimeter V	Per P P Ilweg: Vidth:	rennial Interesent resent	rmittent Absent Absent Absent Ches	Ephemeral 🔀	
Surface V Perceptibl Water De Wetted Pe	Vater: le Flow: pth at Tha erimeter V	Per P Ilweg: Vidth: etion:	resent Interesent	rmittent	Ephemeral 🔀	
Surface V Perceptibl Water De Wetted Pe	Vater: le Flow: pth at Tha erimeter V dient Direc	Per P Ilweg: Vidth: etion:	resent Interesent 6" ir ir 500000000000000000000000000000000	rmittent	Ephemeral 💉	
Surface V Perceptibl Water De Wetted Pe	Vater: le Flow: pth at Tha erimeter V dient Direc	Per P Ilweg: Vidth: ction: <b>Geomo</b> rp	resent Interesent G'' in for for for	rmittent Absent	Ephemeral 🔀	
Surface V Perceptibl Water De Wetted Pe	Vater: le Flow: pth at Tha erimeter V dient Direc	Per P Ilweg: Vidth: ction: <b>Geomo</b> rp	resent Interesent Inte	Absent \( \sum_{\begin{subarray}{c} \begin{subarray}{c} sub	Ephemeral	
Surface V Perceptibl Water De Wetted Pe	Vater: le Flow: pth at Tha erimeter V dient Direc	Per P Ilweg: Vidth: ction: <b>Geomo</b> rp	resent Interesent O' in G' fe South	Absent   Abs	Ephemeral 🔀	
Surface V Perceptibl Water De Wetted Pe	Vater: le Flow: pth at Tha erimeter V dient Direc	Per P alweg: Vidth: etion: Geomorp Substrate Class:	resent Interesent resent	Absent   Abs	Ephemeral 🔀	
Surface V Perceptible Water De Wetted Per Flow/Grade	Vater: le Flow: pth at Tha erimeter V dient Direct	Per Palweg: Vidth: Otion: Substrate Class: OHWM Top of Bank red as % or Horizon	resent	Absent   Abs	Ephemeral 🔀	
Surface V Perceptible Water De Wetted Per Flow/Grade	Vater: le Flow: pth at Tha erimeter V dient Direct	Per P alweg: Vidth: etion: Geomorp Substrate Class: OHWM Top of Bank	resent	Absent   Abs	Ephemeral 🔀	



	Bank Stabi	ity Summary	
Left Bank: _	Sulle - Vegelated Banks		
_			
- Right Bank	Some on above		
rtight Bank	Down on WHOU		
	Habitat Ch	aracteristics	
Aquatic Vegetation F		Yes	] No 🔀
Aquatic Organisms (		Yes	No 📐
Terrestrial Organism If Yes, Des		Yes	No 📡
	Riparian Ch	aracteristics	
Riparian Vegetation	Description (0' to 150' fro	om TOB):	
Left: _	61.50' - ROAT)	/	
	50'-40'- Mened Field		
– Right:	0'-150' - Open grass field		
ragac_	O Do - pun grass traid		
Associated V If Yes, ID:	Vetland Present:	Yes	No 🔀
Associated A If Yes, ID:	Artificial Drain(s) Present: <u> </u>	Yes 🗡	] No
	Supplemental N	otes & Comments	
Non justidichenal 1	Conds. de d. 44	real Biologic matter in the Carlo and System	



<b>Ditch Fie</b>	ld ID:	Ditch OIS				
Data Poir	nt ID:	DP- 057		Date:	8/16/19	
Project N	ame:	NG Batavia-Lock	ort Article	Project #:	190176	
Evaluator	(s):	James Ireland				
County:		Niagara County			_ State:	New York
Jurisdiction	onal:	Yes	No.	X		
Lat:	43.14001			Long:7		
Transfer in the	All Page 1881 Market Billion 1881	Jurisdictio	interes and discount to a service of the control of	California and California and California and California	Manufactor Announced group of the Control of the Co	
· Yes 🗥	No :		Challe and a series of the ser	dictional <i>A</i>	AMERICAN SERVICE SERVI	
		1) Meets the USA				
\_		"a water that cor (including an im			-	
χ.		presence of the	-			-
		high water mark			ou una bank, t	and an oraniary
		2) Supplementing	Attributes	(Must Satis	sfy At Least 1	of 5 Below)
	<b>×</b>	a) Has Perenni	al Flow;			
	<b>&gt;</b>	b) Has Intermit	tent Flow a	nd is a Relo	cated Tributa	ary;
	Y	c) Has Intermitt	ent Flow a	nd is Excav	ated in a Trib	utary;
	<b>\</b>	d) Has Intermit		nd Drains N	latural Water	Bodies
	7	(including wetlands);				
	×	e) Has Epheme Tributary.	eral Flow ar	nd is Excava	ated in or Rel	located within a
	J. C. W.L.	Hydro	ologic Cha	racteristics		
Flow Reg	ime:	Per	ennial	Intermitt	ent	Ephemeral 📐
Surface V	Vater:	Р	resent	Abs	ent 🔀	
Perceptib	le Flow:	Р	resent	Abs	ent 🕥	
Water De	pth at Tha	alweg:		ਰਾ inche	S	
Wetted Po	erimeter V	Vidth:	<u> </u>	<i>M</i> feet		
Flow/Grad	dient Dire	ction:		œ.dη	· · · · · · · · · · · · · · · · · · ·	
Geomorphologic Characteristics						
	Primary	y Substrate Class:	S:LC	<u> </u>		
			V	Vidth (feet)		
			at DP	Min	Max	
		OHWM	2'	J'	3'	
		Top of Bank	6	<u> </u>	7'	
Bank Slop	oe [Repor	ted as % or Horizo		l(H:V)]:		
		Left: 35° -	70%			
		Right: 3<2 3	1%			



Data Point ID: DP- 643 057

		tability Summar	y	
Left Bank:	Stable - Vegetalet Bonks			
			the second second second second second second second second second second second second second second second se	
		17 (V. 17 - V. 17 - V. 17 - V. 17 - V. 17 - V. 17 - V. 17 - V. 17 - V. 17 - V. 17 - V. 17 - V. 17 - V. 17 - V.		
Right Bank:	Same ar above			· ·
				<u> </u>
			NATIONAL CONTRACTOR OF THE STATE OF THE STAT	TO STATE OF THE ST
	Habitat	t Characteristics		
Aquatic Vegetation		Ye	s No 🕆	
If Yes, De	escribe:			
Aquatic Organisms		Ye	s No 🗶	
If Yes, De	escribe:			
Terrestrial Organism	ns Observed:	Ye	s No 🖳	
If Yes, De	escribe:			
	Riparia Riparia	n Characteristic		
Riparian Vegetation	Description (0' to 150	O' from TOB):		
Left:	0:150'- WL-018, 1	O. Lastile RCa	1950 Phine begge	1.ch
		/ 0	, 3, 00	
				·
Right:	0'-50'- Rond			
	50-150 - Wellow 1 01-	7. Same vegas 61.	-CIF	<del></del>
		· · · · · · · · · · · · · · · · · · ·		
	Wetland Present:		es 🗶 No 🔙	
If Yes, ID	: <u>hl-o</u>	18		<del>_</del>
	Artificial Drain(s) Pres	sent: Yes	No	
If Yes, ID	: <u>AD-036</u>			_
	Supplementa	al Notes & Comr	nents:	
Ven Typesdickeral	Ronds. de D. Yoh			
<del></del>		- ++ <del></del>		



Ditch Fie	ld ID:	Ditch OM						
Data Poir	nt ID:	DP- 058				Date	e:	Strulig
Project N	ame:	NG Batavia-Lockport Article VII			Project		190176	
Evaluator	r(s):	James Ireland			<u>.</u>			
County:		Ningara County				Stat	e:	New York
Jurisdiction		Yes		No [	Y			
Lat:	43. 13982	13		l	_ong: _ <u>- 7</u>	8.573729		
	anguage and Total Inch	Jurisdictio	nal Det	ermir	nation Cri	teria 💮		
Yes	No		J	urisd	ictional A	ttribute		
		1) Meets the US				•		
		"a water that con				-	-	
74		(including an im	-	-				-
		presence of the	-	indica	itors of a b	ed and bank	к, а	ind an ordinary
		high water mark		.taa (N	Augt Catio	f. At L	1 1	of 5 Dolow)
•		Supplementing     a) Has Perenni			viusi Salis	iy At Leas	L I	of a pelow)
	×	b) Has Intermit		<u> </u>	l is a Rolo	cated Trib	uta	rv:
· · · · · · · · · · · · · · · · · · ·	<u> </u>	<del> </del>						<u> </u>
<u>.</u>	У	· · · · · · · · · · · · · · · · · · ·	c) Has Intermittent Flow and is Excavated in a Tributary; d) Has Intermittent Flow and Drains Natural Water Bodies					
	Y	(including w			i Diallis IN	alulai vvai	CI I	bodies
	<b>&gt;</b>	e) Has Epheme			is Excava	ated in or F	Relo	ocated within a
		Źributary.						
		Hydro	ologic (	Chara	cteristics			
Flow Reg	ime:	Per	rennial		Intermitt	ent		Ephemeral $\searrow$
Surface V	Vater:	Р	resent		Abs	ent 🔀		
Perceptib	le Flow:	Р	resent		Abs	ent 🗡		
Water De	pth at Tha	alweg:		0	"inches	5		
Wetted Pe	erimeter V	Vidth:		04	feet			
Flow/Grad	dient Dire	ction:		Se	44			
		Geomor	ohologi	c Cha	ıracterist	ics		
Primary Substrate Class: <i>S;Lc</i>								
				Wie	dth (feet)			
			at D	)P	Min	Max		
		OHWM	<u>ව</u>	<i>'</i>	2'	<i>∂</i> .		
		Top of Bank	51		5 ′	5'		
Bank Slor	e [Report	ted as % or Horizo	ntal:Ve	rtical(I	 <del> </del> :V)]:			
	F = 1- 3.	Left: 35°		(1	- /1-			
		Right: 350	- 7.0/.		<del></del>			



Data Point ID: DP-0.5g

	Baı	nk Stability Su	mmary :	
Left Bank:	Sonthe Voychiled 13	Sents		
Right Bank:	Some as abure			
		A STORY CONSISSION OF THE PROPERTY OF THE PROP	Recognise from a facility of the many many services and a service of the services of the servi	
	Ha	bitat Characte	ristics	
Aquatic Vegetation			Yes No _>	c
If Yes, De			—	
Aquatic Organisms If Yes, De			Yes No _\&	·
Terrestrial Organisr	ns Observed:		Yes No 🔻	
If Yes, De				
	Rip	oarian Characte	eristics 💮 🐪	
Riparian Vegetation	Description (0' t	o 150' from TO	3):	
	0'-150'- Maxed		,	
Right:	0'-52'- Road			
	SC'-150'- Mou	ed A field		
Associated \	Wetland Present:	:	Yes No _>	<u>r</u>
If Yes, ID	·			
	Artificial Drain(s)		Yes x No	
If Yes, ID	: <u>AD-0</u>	וצי		
	Supplen	nental Notes &	Comments:	richten der Steine Germannen (b. 1986). Britail ist der Steine Germannen (b. 1986).
Nea juis dichard				
		· · · · · · · · · · · · · · · · · · ·		
			· · · · · · · · · · · · · · · · · · ·	



Ditch Fie	ld ID:	Ditch 015						
Data Poir	nt ID:	DP- 059				Da	ate:	8/16/19
Project N	ame:	NG Batavia-Lockport Article VII			Projec	t #:	190176	
Evaluator	r(s):	James Ireland						
County:		Mingara County				Sta	ite:	New York
Jurisdiction	onal:	Yes		No [	X			
Lat:				L	ong:			
		Jurisdiction	nal Det	ermin	ation Cri	teria		
Yes	No :		J	urisdi	ctional A	ttribute		
		1) Meets the USA				•		
V	An	"a water that cor				-	_	
X	MX	(including an imp						-
		presence of the	-	indicat	ors of a be	ed and bar	nk, a	nd an ordinary
		high water mark'						
		2) Supplementing			lust Satis	fy At Lea	<u>st 1</u>	of 5 Below)
	Ϋ́	a) Has Perenni	al Flow;	l				
	۴	b) Has Intermitt	ent Flor	w and	is a Relo	cated Tri	buta	ry;
	>		c) Has Intermittent Flow and is Excavated in a Tributary;					
	<b>×</b>	d) Has Intermitt			Drains N	atural Wa	ater I	Bodies
	,	·	(including wetlands);					
	<b>&gt;</b>	e) Has Ephemeral Flow and is Excavated in or Relocated within a						
		Tributary.						
		Hydro	logic C	harac	teristics			
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	 3		
Wetted Pe	erimeter V	Vidth:	-	0'	feet			
Flow/Grad	dient Dire	ction:		No	ц			
		Geomorp	hologi	c Cha	racterist	cs.		
	Primary	Substrate Class:	S	:LC				
	•	1		Wid	th (feet)			
			at D		Min	Max		
		OHWM	9,		2	2'		
		Top of Bank	<i>d</i>		5'	51		
Bank Slor	ne [Renor	ted as % or Horizon	ntal·\/er	—— tical/⊢		L		
- u 010p	i topon	Left: <u>300 - 3</u>		godi(i	4 /1.			
		Right: 35" - 70						
		<u> </u>						



Bank	Stability Summary
Left Bank: Stulib - Vezetche	
Right Bank: Long or above.	
Might Balli. San a Marc.	
Habi	tat Characteristics
Aquatic Vegetation Present:  If Yes, Describe:	Yes No 🔀
Aquatic Organisms Observed:  If Yes, Describe:	Yes No 🗶
Terrestrial Organisms Observed:  If Yes, Describe:	Yes No 🗷
Ripar	ian Characteristics
Riparian Vegetation Description (0' to 1	~ <i>1</i>
Left: 0'-15c'-Moved	grass fill
Right: O'FSO' Roal	
50'-150' -Com	A CONTRACTOR OF THE CONTRACTOR
-	
Associated Wetland Present:  If Yes, ID:	Yes No 🗷
Associated Artificial Drain(s) Pr	
Suppleme	ntal Notes & Comments:
Non-jursdictional Roads de ditch	
	ALCO AND AND AND AND AND AND AND AND AND AND



Ditch Fie	ld ID:	Ditch Oil						
Data Poir	nt ID:	DP- CGO				Date	e: _	<i>8/14/19</i> 190176
Project N		NG Batavia-Lockport Article VII			Project :	#: _	190176	
Evaluator	(s):	James Ireland	<del></del>					-director
County:		Ningera County				State	э: _l	New York
Jurisdiction		Yes		No 7				
Lat:	43.1399					8.561464		
		Jurisdictio	nal Dete	ermina	tion Cri	teria	. (C)	
Yes	No		Martin And And State of the Committee of	darker bases at a selective side at the construction	POSESSI SESSI SEGUENTAS	ttribute		
		1) Meets the US				•		
٠,٠		"a water that co		-		-		
X		(including an im presence of the	-					•
		high water mark		mulcato	13 01 a 5	eu anu bank	ı, aı	id an ordinary
		2) Supplementin		tes (Μι	ıst Satis	fy At Least	1 (	of 5 Below)
	X	a) Has Perenn	ial Flow;					
	У	b) Has Intermit						
	>	c) Has Intermit	tent Flov	v and is	Excava	ated in a Ti	ibu	tary;
,		d) Has Intermit			rains N	atural Wate	er E	Bodies
	X	(including w		<u> </u>	<u> </u>	<del> </del>		
	\ <u>/</u>	e) Has Ephem	eral Flow	<i>i</i> and is	Excava	ited in or R	elo	cated within a
		Tributary.						
		Hydr	ologic C	haract	eristics			
Flow Reg	ime:	Pe	rennial [		ntermitt	ent 🔨		Ephemeral
Surface V	Vater:	F	Present [	×	Abs	ent		
Perceptib	le Flow:	F	resent		Abs	ent 🗡		
Water De	pth at Tha	lweg:	_		inches	<del></del>		
	erimeter V		_	3'	_ feet			
	dient Direc		_	N.,,				
		Geomor	- phologic			CS.		
	Primary	Substrate Class:	(	C:/C		minima bio e againment de la ser en an	38.00-70	
	•			Widt	h (feet)	1		
			at D		Min	Max		
		OHWM	3'		21	45		
		Top of Bank	5		5'	5		•
Bank Slop	e [Report	ed as % or Horizo	ntal:Ver	tical(H:	 ∨)]:			
•	٠ '		- 100-/4	<b>\</b>	/4			
		Pight: 150	2-2/		_			



060 Data Point ID: DP-Bank Stability Summary Left Bank: Stall - Woohle Bunks Right Bank: Som a above . Habitat Characteristics No | X | Aquatic Vegetation Present: Yes I If Yes, Describe: No 7 Yes | 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'- Ray of 30-1501 - A. Caldedge Playstite 3 Hug Right: 0'-150'- Comfiel Yes No 🗶 **Associated Wetland Present:** If Yes, ID: Yes X No Associated Artificial Drain(s) Present: If Yes, ID: AD-033 Supplemental Notes & Comments: Non Sousdictional roadsuk ditch



Ditch Fie	ld ID:	Ditch Or				
Data Poir	nt ID:	DP- OUL			Date	e: <u>8/19/19</u>
Project N		NG Batavia-Lockport Article VII Project #				
Evaluator	r(s):	James Ireland				
County:		Niagara + County			State	e: New York
Jurisdiction	onal:	Yes	No No	یا		
Lat:	43.140	810	l	_ong:	78. <u>5</u> 39.	273
		Jurisdiction	nal Determir	nation Cri	teria	
Yes	⊭ °-No ⊨		Jurisd	ictional A	ttribute	
		1) Meets the USA				
\ <u></u>						gh another water
X		(including an imp	•			terized by the k, and an ordinary
	. e . e . 6	high water mark'			eu anu bani	k, and an ordinary
		2) Supplementing	•	Must Satis	fy At Least	t 1 of 5 Below)
	×	a) Has Perenni	<del></del>			
	7	b) Has Intermitt	tent Flow and	l is a Relo	cated Tribi	utary;
	У	c) Has Intermitt	ent Flow and	l is Excava	ated in a T	ributary;
	<b>\</b>	d) Has Intermitt		Drains N	atural Wat	er Bodies
	/	(including w				•
3	>	e) Has Ephemeral Flow and is Excavated in or Relocated within a				
i	10 E. F	Tributary.				
		Hydro	ologic Chara	cteristics		
Flow Reg	ime:	Per	ennial	Intermitte	ent	Ephemeral 💢
Surface V	Vater:	Р	resent	Abse	ent 🔀	•
Perceptib	le Flow:	Р	resent	Abse	ent 🔽	
Water De	pth at Tha	alweg:		(, inches	, —— ;	
Wetted P	erimeter V	Vidth:	0	 feet		
Flow/Grad			1	10,64		
Geomorphologic Characteristics						
	Primary	Substrate Class:	S:lc			
	•		-	dth (feet)		<del></del>
			at DP	Min	Max	
		OHWM	٦,	2/	9'	
		Top of Bank	6'	5'	C'	
Bank Slop	oe [Report	ted as % or Horizo	ntal:Vertical(I	H:V)]:		•
		_	-58% <u>`</u>			
		Right: 35°	~70°l»	<del></del>		



Bank S	tability Summary
Left Bank: Sthe Vegetohel Ba	nts
***************************************	
Right Bank: Some a dove	
Danie a diete	
Habita	t Characteristics
Aquatic Vegetation Present:  If Yes, Describe:	Yes No X
Aquatic Organisms Observed:  If Yes, Describe:	Yes No >
Terrestrial Organisms Observed:  If Yes, Describe:	Yes No V
Riparia	n Characteristics
Riparian Vegetation Description (0' to 15	0' from TOB):
Left: 0-150- Upland	Mary
	<u> </u>
Right: 0'-50'- Rond	
sci- use' - Upland sha	5. P. Constile, C. Colden D. 1
Associated Wetland Present:  If Yes, ID:	Yes No 🔀
Associated Artificial Drain(s) Pres	sent: Yes No No
Supplement	al Notes & Comments:
Ver juis dictural Rondside ditch	



Ditch Fie	ld ID:	Ditch (	718						
Data Poir	it ID:	D: DP- α67					- Dat	te:	<u>8/19/19</u> 190176
Project N	ame:							#:	190176
Evaluator	(s):	James Ir							
County:		Niagara	Count	У			Stat	te:	New York
Jurisdiction	nal:	•	Yes		No [	X			
Lat:	43.140.	662		<del></del>	L	ـong:	78.5390	349	7
	440 m	Ju	risdicti	onal D	etermin	ation Cri	teria	iti, il Terr	
Yes	No	in Park Si			ZTHEOREGISCHER SPECIAL	ictional A	VISASSANDESKA JOSEPA VICTORIANIA A CESA		
						n of a Trib	•		
١.,	***						tly or through at is charac	_	another water
$\sim$	*		-	-	-				and an ordinary
			ater ma		ai ii iaica	1010 01 0 0	ou unu bun	ιις, υ	ind an oramary
		· · · · · · ·			butes (N	/lust Satis	fy At Leas	st 1	of 5 Below)
	×			nial Flo					· · · · · · · · · · · · · · · · · · ·
	Ý	b) Has	Interm	ittent F	low and	is a Relo	cated Trib	uta	ıry;
	>	c) Has Intermittent Flow and is Excavated in a Tributary;						utary;	
		d) Has Intermittent Flow and Drains Natural Water Bodies							
•				wetland					
	$\succ$	e) Has Ephemeral Flow and is Excavated in or Relocated within a							
		Trik	outary.						
	Status in a second		Hyd	rologic	Chara	cteristics			
Flow Reg	ime:		Р	erennia	1	Intermitte	ent 🗶		Ephemeral
Surface V	Vater:			Presen	t 🔀	Abs	ent 🜫		
Perceptib	le Flow:			Presen	t	Abs	ent 🔀		
Water De	pth at Tha	ılweg:			<u> " #</u>	inches	3		
Wetted Pe	erimeter V	Vidth:			2	feet			
Flow/Grad	Flow/Gradient Direction:								
	Geomorphologic Characteristics								
	Primary	Substrate	e Class	s: <u>S</u>	T.L				·
					Wic	th (feet)			
				at	DP	Min	Max		
			OHWN	1	2 '	2	3		
		Тор	of Ban	k	<i>ډ'</i>	رک	61		
Bank Slop	e [Report		or Horiz	ontal:V	ertical(l	H:V)]:			
		Left: _		-70%					
		Right: _	400	- 840%	r U				



	Bank Stability Summary
Left Bank: Shile Ve	schold Bashs
	,
Dialet Danie	
Right Bank: <u>Bone or Jov</u>	•
	The second secon
	Habitat Characteristics
Aquatic Vegetation Present:	Yes No 🗡
If Yes, Describe:	res [ivo [Z_]
Aquatic Organisms Observed:	Yes No 7
If Yes, Describe:	1 90 110
Terrestrial Organisms Observed:	Yes No 🗸
If Yes, Describe:	-
	Riparian Characteristics
Riparian Vegetation Description (	(0' to 150' from TOB):
Left: 0'-5c' - n	
50'-150' - by	Hard, hay
Right: O'-45C-Upt	and - Shi . S - C. G. Rod , p. lossestile
A sector divides di Bress	
Associated Wetland Presented If Yes, ID:	ent: Yes No 🔀
Associated Artificial Drair	n(s) Present: Yes 🔀 No
If Yes, ID:	$A = \frac{A - c3c}{A}$
	The state of the s
Market and the state of the sta	elemental Notes & Comments:
Nonjuisdatural roadside	ditch



Ditch Fie	ld ID:	Ditch OIA						
Data Poir	nt ID:	DP- 070		Date:	\$ 20119			
Project N	ame:	NG Batavia-Lock	port Artic	le VII		Project #:		
Evaluator	r(s):	James Ireland						
County:		Genesse County				_ State:	New York	
Jurisdiction		Yes		No 🔀				
Lat:	43.08176	3		Lo	ng: <u>-<i>7</i></u>	<u>8.391305</u>		
		Jurisdictio	nal Dete	rmina	tion Cri	teria		
Yes	No		յ և Սա	ırisdic	tional A	kttribute 🕟		
		1) Meets the US/				•		
<b>\</b>		"a water that cor						
<b>X</b>		(including an imp		•			-	
		presence of the high water mark		indicato	rs or a b	ed and bank,	and an ordinary	
		2) Supplementing		tes (Mu	ıst Satis	fy At Least	1 of 5 Below)	
	*	a) Has Perenni						
	+	b) Has Intermittent Flow and is a Relocated Tributary;						
	٢	c) Has Intermittent Flow and is Excavated in a Tributary;						
	×	d) Has Intermit			Prains N	atural Water	r Bodies	
		(including w						
	\ \		eral Flow	and is	Excava	ated in or Re	located within a	
	1	Tributary.						
		Hydro	ologic C	haract	eristics			
Flow Reg	ime:	Per	ennial [	!	ntermitt	ent 📐	Ephemeral	
Surface V	Vater:	Р	resent [	$\sim$	Abs	ent		
Perceptib	le Flow:	Р	resent [		Abs	ent		
Water De	pth at Tha	lweg:	_	1"	inches	3		
Wetted Pe	erimeter V	Vidth:		2'	feet			
Flow/Gradient Direction: South								
	Geomorphologic Characteristics							
	Primary	Substrate Class:	S;C	_				
				Widt	h (feet)			
			at Df	_	Min	Max		
		OHWM	ر ک		2′	91		
		Top of Bank	<i>ن</i> ک		6	4-		
Bank Slop	e [Report	ed as % or Horizo	ntal:Vert	ical(H:	V)]:			
		Left: 20°	c 8%					

Right: 55° - 143°h



	ank Stability Summary
Left Bank: Smy - Vyelek 1	13en6
Dight Donly	
Right Bank: <u>Some as assue</u>	
	<del></del>
	labitat Characteristics
是是大学的人的人,就是多数的工作。在1900年的一种,1900年的中央中央中央中央中央中央中央中央中央中央中央中央中央中央中央中央中央中央中央	Yes No 🔽
Aquatic Vegetation Present:  If Yes, Describe:	Tes [ ] NO [Y]
Aquatic Organisms Observed:	Yes No x
If Yes, Describe:	
Terrestrial Organisms Observed:	Yes No 🗡
If Yes, Describe:	
R	iparian Characteristics
Riparian Vegetation Description (0'	to 150' from TOB):
Left: <u>0'- ነናር፦                                   </u>	In while WINA coss fells
Right: O'sol Rend	
50'-100' - Cas	s for th
	Yea Diversity
Associated Wetland Preser If Yes, ID:	nt: Yes No 🔀
	No No No
Associated Artificial Drain(s If Yes, ID:	s) Present: Yes No AD -037 AD-035 AD-35
	emental Notes & Comments:
Manjuradichinal poodside dibh a	ling JUMA



Ditch Field ID: Ditch O 20						_		3
Data Point ID: DP- C75						Da	ıte:	S/21/19
Project N	ame:	NG Batavia-Lock	port Arti	icle V		Project	t #:	190176
Evaluator(s): James Ireland								
County:		Ningara County		•		. Sta	ıte:	New York
Jurisdiction	onal:	Yes		No	Y			
Lat:					Long:			
		Jurisdictio	nal Det	ermii	nation Cri	teria		
Yes	⊥ No ⊹		<b>. . .</b>	urisd	lictional A	ttribute		
		1) Meets the US				•		
		"a water that co				•	_	ı
Y		(including an im	-	-				-
		presence of the high water mark		indica	ators of a b	ed and bar	<b>1К</b> , ε	ing an orginary
		2) Supplementin		itos (	Must Satis	fy At Loo	ct 1	of 5 Rolow)
	<b>&gt;</b> /	7			viusi Galis	IIY AL LEA	<u> </u>	Ol 3 Delow)
	× ×	a) Has Perennial Flow;     b) Has Intermittent Flow and is a Relocated Tributary;						
	<u> </u>	c) Has Intermittent Flow and is Excavated in a Tributary;						
		d) Has Intermittent Flow and Drains Natural Water Bodies						
	×	(including w						
	\ <u></u>	e) Has Ephemeral Flow and is Excavated in or Relocated within a						
		Tributary.						
		Hydr	ologic (	Chara	cteristics			
Flow Reg	ime:	Pe	rennial		Intermitt	ent 🔀		Ephemeral 👺
Surface V	Vater:	F	resent	У	Abs	ent 🔙		
Perceptib	le Flow:	F	resent		Abs	ent 🔽		
Water De	pth at Tha	alweg:		2	<u> </u>	3		
Wetted Pe	erimeter V	Vidth:		11	feet			
Flow/Gradient Direction:  North								
		Geomor	phologi	c Ch	aracterist	ics		
	Primary	Substrate Class:	<u> </u>	ic				·
				Wi	dth (feet)			
			at D	P	Min	Max		
		OHWM	2		a '	2'		
		Top of Bank	4		<b>5</b> °	s′		
Bank Slop	e [Repor	ted as % or Horizo	ntal:Vei	rtical(	H:V)]:			
		Left: <u> </u>	-58.6					
		Diaht:	2.1					



	Bank Stabilit	y Summary
Left Bank:	Sma to Shill - vy	elected Basts
Dialet Deada	7	
Right Bank: <u>&amp;</u>	are on about	
<u> </u>	M	
	Habitat Char	racteristics
Aquatic Vegetation Pre	Destriction of the Section of the Section of the Section Section Section Section Section (Section Section es No 🕥	
If Yes, Descr		1 es 140 <u>[</u> *
Aquatic Organisms Ob		Yes No 🖈
If Yes, Descr		
Terrestrial Organisms	Observed:	Yes No 🗸
If Yes, Descr	ibe:	
	Riparian Cha	racteristics
Riparian Vegetation De	escription (0' to 150' from	n TOB):
Left: <u>0</u>	1-1501 - Vellandody -F	P. Leosestik, Phone
	1. SCI- Rond	
	01-150" Naved grass RCW	
Associated Wet	land Dresent	Yes 🛌 No 🔙
If Yes, ID:	₩ <i>L-e</i> 34	7 es [X] 140 []
	ficial Drain(s) Present:	Yes > No
If Yes, ID:	AD-041	
	Supplemental Not	es & Comments:
Ven juradictural Roads	MAIN DESCRIPTION OF THE PROPERTY SECTION OF THE PROPERTY OF TH	



Ditch Fie	ld ID:	Ditch	021						
Data Poir	Pata Point ID: DP- 076						Da	ite:	8/21/19 190176
Project Name: NG Batavia-Lockport Article VII							Project	t#: _	190176
Evaluator(s): James Ireland						ı	-		
County:	4	Niagara	County	<u> </u>	*		Sta	ıte: <u>1</u>	New York
Jurisdiction	onal:	V	Yes		No [	X			
Lat:	43.1426	<u>5)</u>	·		L	_ong:	-78.5243	72	·
			Jurisdiction	onal Det	ermir	nation Cri	teria		
Yes	· No ·	r'i	1900 (130)	ل	urisd	ictional A	ttribute		
			1) Meets the USACE Definition of a Tributary						
							•	_	nother water
χ			uding an in	-					ed by the Id an ordinary
			water mar		muica	ilois oi a bi	eu anu bai	ik, ali	d an ordinary
					ıtes (N	Must Satis	fy At Leas	st 1 c	of 5 Below)
	γ	a) H	as Perenr	ial Flow	•				
	У	b) H	as Intermi	ttent Flo	w and	l is a Relo	cated Trik	outar	y;
	>	c) Has Intermittent Flow and is Excavated in a Tributary;							
	>:	d) Has Intermittent Flow and Drains Natural Water Bodies							
	· · · · · · · · · · · · · · · · · · ·		ncluding v						
	>	e) Has Ephemeral Flow and is Excavated in or Relocated within a							
		<b>I</b>	ributary.			***			
			Hydi	ologic (	Chara	cteristics			
Flow Reg	ime:		Pe	erennial		Intermitt	ent		Ephemeral 🔀
Surface V	Vater:		ſ	Present		Abs	ent 🔀		
Perceptib	le Flow:		F	Present		Abs	ent 😾		
Water De	pth at Tha	ılweg:			<i>℃</i> ^	inches	3		
Wetted Po	erimeter V	Vidth:			o'	feet			
Flow/Grad	dient Direc	ction:			N-,4	<u></u>			
			Geomor	phologi	c Cha	ıracterist	ics .	50 Aed	
	Primary	Substr	ate Class:	S	:10				
					Wie	dth (feet)			
				at D	Р	Min	Max		
			OHWM			y c	2'		
		To	p of Bank	91		54'	5'		
Bank Slop	e [Report			ontal:Ver	tical(l	H:V)]:			
		Left		-70%		······································			
		Right:	750	mal.					



Bank Sta	bility Summary
Left Bank: Sulle Vyolided Bo	nks .
-	
Right Bank: Some on whove	
Manual and and and and and and and and and and	
Habitat	Characteristics
Aquatic Vegetation Present:  If Yes, Describe:	Yes No 🔀
Aquatic Organisms Observed:  If Yes, Describe:	Yes No 入
Terrestrial Organisms Observed:  If Yes, Describe:	Yes No 🖌
Riparian	Characteristics
Riparian Vegetation Description (0' to 150'	from TOB):
Left: O'-50'- Roads	
50'-150' - Wellend 62	9
Right: 01.150' - Novel ROW	
right. Ur 30 / hour RUW	
Associated Wetland Present:  If Yes, ID:	Yes No 🗷
Associated Artificial Drain(s) Prese	
Supplemental	Notes & Comments:
New Insertational Rombade Alah	
	<u> </u>



Ditch Fie	ia iD:	Ditch りつ	<u> </u>	, ,				
Data Poin	nt ID:	DP- 079	D	ate: 8/21/19				
Project Na	ame:	NG Batavia-Lockport Article VII	Projec	ot #: 190176				
Evaluator	r(s):	James Ireland						
County:		Ningara County	St	ate: New York				
Jurisdiction	onal:	Yes No S	<u>C</u>					
Lat:	43, 144.	212 L	ong: <u>-78. S/45</u>	587				
	i i i	Jurisdictional Determina	ation Criteria					
Yes :	No	Jurisdi	ctional Attribute					
		1) Meets the USACE Definition						
X		"a water that contributes flow, e		- 1				
^		(including an impoundment) to a		•				
		presence of the physical indicat high water mark"	ors of a bed and ba	ank, and an ordinary				
1		2) Supplementing Attributes (M	ust Satisfy At Lea	ast 1 of 5 Below)				
	ኦ	a) Has Perennial Flow;		,				
	<u> </u>	b) Has Intermittent Flow and	is a Relocated Tr	ibutary;				
	<b>&gt;</b>	c) Has Intermittent Flow and	is Excavated in a	Tributary;				
		d) Has Intermittent Flow and Drains Natural Water Bodies						
	<b>&gt;</b>	(including wetlands);						
	>	e) Has Ephemeral Flow and is Excavated in or Relocated within a						
	,							
		Tributary.						
		Tributary.  Hydrologic Charac	teristics					
Flow Reg			teristics Intermittent					
Flow Regi	ime:	Hydrologic Charac		Ephemeral				
•	ime: Vater:	Hydrologic Charac	Intermittent X	Ephemeral				
Surface V	ime: Vater: le Flow:	Hydrologic Character  Perennial Present Presen	Intermittent X Absent	Ephemeral				
Surface V	ime: Vater: le Flow: pth at Tha	Perennial Present Present Present  Present  Present  Present  Present  S"	Intermittent X Absent Absent X	Ephemeral				
Surface W Perceptible Water De	ime: Vater: le Flow: pth at Tha	Perennial Present Present Present  Number  Num	Intermittent X Absent Absent X inches	Ephemeral				
Surface V Perceptibl Water De Wetted Pe	ime: Vater: le Flow: pth at Tha	Perennial Present Present Present  Number  Num	Absent Absent Absent Feet	Ephemeral				
Surface V Perceptibl Water De Wetted Pe	ime: Vater: le Flow: pth at Tha erimeter V	Hydrologic Character  Perennial Present Presen	Absent Absent Absent Feet	Ephemeral				
Surface V Perceptibl Water De Wetted Pe	ime: Vater: le Flow: pth at Tha erimeter V	Hydrologic Character  Perennial Present Present Present Stion:  Geomorphologic Character  Geomorphologic Character  Substrate Class: S; & C	Absent Absent Absent Feet	Ephemeral				
Surface V Perceptibl Water De Wetted Pe	ime: Vater: le Flow: pth at Tha erimeter V	Hydrologic Character  Perennial Present Present Present Stion:  Geomorphologic Character  Geomorphologic Character  Substrate Class: S; & C	Absent Absent Absent Feet	Ephemeral				
Surface V Perceptibl Water De Wetted Pe	ime: Vater: le Flow: pth at Tha erimeter V	Hydrologic Character  Perennial Present Present Present State  Present State Class: S; & C Width	Absent Absent Absent Feet  Absent Feet  Acteristics	Ephemeral				
Surface V Perceptibl Water De Wetted Pe	ime: Vater: le Flow: pth at Tha erimeter V	Hydrologic Character  Perennial Present Present Present Stion:  Geomorphologic Character  Substrate Class: S; & C  Wide at DP	Absent Ab	Ephemeral				
Surface V Perceptibl Water De Wetted Pe Flow/Grace	ime: Vater: le Flow: pth at Tha erimeter V dient Direct	Hydrologic Character  Perennial Present Present Present State Class: S; CC  Width: Width: State Class: S; CC  Width: Width: State Class: S; CC  Width: State	Absent Ab	Ephemeral				
Surface V Perceptibl Water De Wetted Pe Flow/Grace	ime: Vater: le Flow: pth at Tha erimeter V dient Direct	Perennial Present Present Silveg: 3"  Width: 9/  Cation: Substrate Class: Silce  OHWM Top of Bank 9/  Present Middle Character	Absent Ab	Ephemeral				



	Bank Stabilit	ty Summary	
Left Bank:	Lychold Bank - Stat G		
Right Bank:	Bowe an above		
	Habitat Char	racteristics	
Aquatic Vegetation Press, Description		Yes No 🔨	
Aquatic Organisms Ob If Yes, Desc		Yes No 🔀	
Terrestrial Organisms If Yes, Desc		Yes No 📐	
The Milkon	Riparian Cha	aracteristics	
•	escription (0' to 150' from O'-15'C' - Upland, R CL/	n TOB):  P. Canostille, C. Coldeniod, Tease 1	
Right: 0	1'-50'- Ron	·	
	TO'-KO'- Upland ROW, Rom	e nahre	
_			
Associated We If Yes, ID:	tland Present:	Yes No _×_	
Associated Art If Yes, ID:	ificial Drain(s) Present: <u>A</u> l) -642	Yes 🔀 No 🗌	
Men juradichinal	Supplemental Not	tes & Comments:	



Ditch Field ID:  Data Point ID:  Project Name:  Evaluator(s):  County:  Ditch Cog 3  DP- 092  NG Batavia-Log  James Ireland  Genesse Cour			رِ via-Lock reland	D.ockport Article VII Project					9/3, /, 9 190176 lew York
Jurisdiction	nal:		Yes		No	<b>7</b>		-	A
Lat:	43.07		. 00			<del></del>	18.3796	341	
			risdictio	onal Det		nation Cri			
Yes	No			· J	urisd	ictional A	ttribute :		
X		"a wat (includ preser	er that co ling an im	entributes npoundme physical	flow, e	a water the	tly or throu at is charac	terize	oother water ed by the d an ordinary
		2) Supp	lementir	g Attribu	ıtes (N	∕lust Satis	fy At Leas	st 1 o	f 5 Below)
	×			ial Flow;					
	<u> </u>	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);							
	X	e) Has Ephemeral Flow and is Excavated in or Relocated within a Tributary.							
			Hydr	ologic C	hara	cteristics		4	
Flow Regi	ime:		Pe	erennial [		Intermitt	ent		Ephemeral 🔀
Surface V	Vater:		F	Present [	$\overline{\chi}$	Abs	ent		
Perceptible	le Flow:		F	Present		Abs	ent 🗡		
Water De	oth at Tha	lweg:		-	ີ ວ′				•
Wetted Pe	erimeter V	Vidth:		-	3′	— feet			
Flow/Grad				-	hos				
			Geomor	phologi	c Cha	racterist	ics		
	Primary	Substrat	e Class:	<u> </u>	:L				
					Wie	dth (feet)			
				at D		Min	Max		
		_	OHWM			18	型1.		
		•	of Bank			573'	号5'		
Bank Slop	e [Report				tical(l	H:V)]:			
		Left: _	350	<del></del>					



Bank S	Stability Summary
Left Bank: Susle Vegelated	Barte
Pight Pank:	
Right Bank: Some an above	
Habita	t Characteristics
Aquatic Vegetation Present:  If Yes, Describe:	Yes No 🛌
Aquatic Organisms Observed:  If Yes, Describe:	Yes No 📐
Terrestrial Organisms Observed:  If Yes, Describe:	Yes No 🗡
	ın Characteristics
Riparian Vegetation Description (0' to 15	60' from TOB):
Left: 61-1501 - Nomed	folds residently and
·	· · · · · · · · · · · · · · · · · · ·
Dight: Giver 1	
Right: 0'-50' - Loa 1	MA CUI'S
	7(11 , Ca-160
Associated Wetland Present: If Yes, ID:	Yes No 🔀
Associated Artificial Drain(s) Pre	sent: Yes No X
Supplement	al Notes & Comments:
New Sucadestand Rendsel detal	
· · · · · · · · · · · · · · · · · · ·	



Ditch Fie	eld ID:	Ditch Oa	17				•					
Data Poir	nt ID:	DP- 097	}			Date:	10/2/19					
Project N	ame:	NG Batavia		t Article \	/II	Project #:	190176					
Evaluator	r(s):	James Irela										
County:		Genesse Co	unty			_ State:	New York					
Jurisdiction	onal:	Yes		] No	$\Box$							
Lat:	43.14	10670		<del></del>	Long:	78.488019	•					
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 water										
X	(including an impoundment) to a water that is characterized by the											
	presence of the physical indicators of a bed and bank, and an ordinary high water mark"											
		2) Supplementing Attributes (Must Satisfy At Least 1 of 5 Below)										
	X	a) Has Pe	rennial	Flow;	•							
	×	b) Has Int	ermitten	it Flow an	d is a Relo	cated Tributa	ary;					
	X	c) Has Intermittent Flow and is Excavated in a Tributary;										
	\ <u></u>	1 '			d Drains N	latural Water	Bodies					
	/	<del>                                     </del>	(including wetlands);									
	Y	1 '	e) Has Ephemeral Flow and is Excavated in or Relocated within a Tributary.									
			Hydrolo	gic Char	acteristics							
Flow Reg	ime:		Peren	nial	ent	Ephemeral 🔀						
Surface V	Vater:	Present										
Perceptib	le Flow:	Present Absent X										
Water De	pth at Th	alweg:		s								
Wetted Po	erimeter \	Vidth:		1	'feet							
Flow/Grad	dient Dire	ction:			South							
		Geo	morpho	ologic Ch	aracterist	ics						
	Primar	y Substrate C	lass:	`,2	L							
				W	idth (feet)							
				at DP	Min	Max						
			IWM	1'	1'	/ '						
		Top of I	3ank <u>L</u>	<u> </u>	9	1 7						
Bank Slop	oe [Repor	ted as % or F			(H:V)]:							
		Left:	10-	16%								
		RIADI.	100 -	1001								



		Bank Sta	ability S	ımmary			1
Left Bank: _	Starte.	Vegetiled	Banks				
_							
– Right Bank: _	Lame as	alove	<del>''</del>			a part y state of the state of	
_							
		Habitat	Charact	eristics 📗		_	
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	Charac	teristics			
Riparian Vegetation	Description	(0' to 150'	from TC	)B):	,		
Left: _	01-150	1 - //am	A As	Call. H.	my	ALCCC	
_					· · · · · · · · · · · · · · · · · · ·		
Right:	Som n	Most.					
_						:	
Associated W If Yes, ID:	ent:		Yes [	No [ <u>&gt;</u> _			
Associated A If Yes, ID:	Artificial Drai	n(s) Prese	ent:	Yes [	□ No ∑	<u> </u>	
	Supp	olementa	Notes &	& Comme	nts!		
An field dinc	ruge Ollh,	flors:	south a	4 1756			
						**********	
						*- ****	