Project/Site: GM Lordstown	- Parcel 4	Ci	ity/County: War	ren / Trumbull	Sampling Date: 10/17/2019
Applicant/Owner: GM				State: OH	Sampling Date: 10/17/2019 Sampling Point: DP17
Investigator(s): GK, MH		Se			
	c.). Depression	Loca	I relief (concave.	convex. none); Concave	Slope (%): <u>0-2</u>
Subregion (LRR or MLRA): LR	R-R; MLRA-139	_{Lat} . 41.156730	, ,	Long80.866369	Datum: WGS84
Soil Map Unit Name: Rittman	silt loam (RsB)	_ Lat		NWI classif	fication. Not Mapped
Are climatic / hydrologic conditi					
Are Vegetation, Soil					/
Are Vegetation, Soil				(If needed, explain any answ	
					·
SUMMARY OF FINDING	iS – Attach Si	te map snowing s			ts, important features, etc.
Hydrophytic Vegetation Prese		✓ No	Is the Sam	pled Area etland? Yes	/
Hydric Soil Present?		✓ No			
Wetland Hydrology Present?		No		onal Wetland Site ID:	
Remarks: (Explain alternative	procedures here	or in a separate report.))		
117/2001 007				_	
HYDROLOGY Wetland Hydrology Indicato				Secondary India	cators (minimum of two required)
Wetland Hydrology Indicator Primary Indicators (minimum		abook all that apply)		· · · · · · · · · · · · · · · · · · ·	
	Of Otte is required,			Surface So	
Surface Water (A1)		Water-Stained Le			Patterns (B10)
High Water Table (A2)		Aquatic Fauna (B			Lines (B16)
Saturation (A3)		Marl Deposits (B1			n Water Table (C2)
Water Marks (B1)		Hydrogen Sulfide			urrows (C8)
Sediment Deposits (B2)		Oxidized Rhizosp	_		Visible on Aerial Imagery (C9)
Drift Deposits (B3)		Presence of Redu			Stressed Plants (D1)
Algal Mat or Crust (B4)		Recent Iron Redu		· · · — ·	ic Position (D2)
Iron Deposits (B5)	- ()	Thin Muck Surfac		Shallow Aq	
Inundation Visible on Aer		Other (Explain in	Remarks)		graphic Relief (D4)
Sparsely Vegetated Cond	cave Surface (B8)			<u>√</u> FAC-Neutra	al Test (D5)
Field Observations:	V Na	(Death (in the se)			
Surface Water Present?	<u> </u>	✓ Depth (inches): _			
Water Table Present? Saturation Present?		Depth (inches): Depth (inches): _		Watland Hydrology Pres	ent? Yes <u></u> No
(includes capillary fringe)					311L! 169 NO
Describe Recorded Data (stre	am gauge, monito	ring well, aerial photos,	previous inspec	tions), if available:	
Damada					
Remarks:					

Tree Stratum (Plot size: 30')	Absolute		t Indicator Status	Dominance Test worksheet:
Acer rubrum (Red Maple)	20	YES	FAC	Number of Dominant Species
				That Are OBL, FACW, or FAC:5 (A)
2				Total Number of Dominant
3				Species Across All Strata: (B)
4			<u>-</u>	Percent of Dominant Species That Are OBL FACW or FAC: 83.3% (A/B)
5				That Are OBL, FACW, or FAC: (A/B)
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
50% = 20% =	20	= Total Co	over	OBL species x 1 =0
Sapling/Shrub Stratum (Plot size: 15')				FACW species x 2 =0
1. Lindera benzoin (Northern Spicebush)	30	YES	FACW	FAC species x 3 =0
Rosa multiflora (Rambler Rose)	15	YES	FACU	FACU species x 4 =0
		_		UPL species x 5 =0
3				Column Totals: (A) (B)
4				Prevalence Index = B/A =
5				
6				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation
50% = 20% =	45	= Total Co	over	✓ 2 - Dominance Test is >50%
Herb Stratum (Plot size: 5'				3 - Prevalence Index is ≤3.0¹
Phalaris arundinacea (Reed Canary Grass)	65	YES	FACW	4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
2 Doellingeria umbellata (Parasol White-Top)	35	YES	FACW	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Mentha arvensis (American Wild Mint)	35	YES	FACW	
Symphyotrichum racemosum (Fragile-Stem American-Aster)	25	NO	FACW	¹ Indicators of hydric soil and wetland hydrology must
T. (T. II.O. I.I. II.)	25	NO	FACU	be present, unless disturbed or problematic.
	20			Definitions of Vegetation Strata:
6. Solidago rugosa (Wrinkle-Leaf Goldenrod)		NO	FAC	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
11		-	-	of size, and woody plants less than 3.28 ft tall.
12.		_		Woody vines – All woody vines greater than 3.28 ft in
50% = 20% =	205	= Total Co		height.
		- Total GC) VEI	
Woody Vine Stratum (Plot size: 15')				
1				
2				
3				Hydrophytic
4				Vegetation Present? Yes ✓ No
50% = 20% =	0	= Total Co	over	
Remarks: (Include photo numbers here or on a separate s OBL/FACW: 4 UPL/FACU: 1 Passes FAC-Neutral Test (Secondary Hydrology Ind]).		

Profile Desc	cription: (Describe	to the de	pth needed to docur	ment the	indicator	or confirm	m the absence of indicators.)		
Depth (inches)	Matrix	%		x Feature		Loc ²	Touture		
(inches) 0 - 1	Color (moist) 10YR 2/2	100	Color (moist)	%	Type ¹	LOC	Remarks SiL		
1 - 9	10YR 4/2	95	10YR 4/6	5	C	M	SiL		
9 - 18	10YR 6/1	90	10YR 4/6	10	С	PL	SiL		
¹ Type: C=Ce		oletion, RM	I=Reduced Matrix, M	S=Maske	d Sand Gr	ains.	² Location: PL=Pore Lining, M=Matrix. Indicators for Problematic Hydric Soils ³ :		
Black Hi Hydroge Stratified Depleted Thick Da Sandy M Sandy F Stripped Dark Su	pipedon (A2) istic (A3) en Sulfide (A4) d Layers (A5) d Below Dark Surface ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) I Matrix (S6) rface (S7) (LRR R, I	VILRA 149 tion and w	— Polyvalue Below Surface (S8) (LRR R, MLRA 149B) Thin Dark Surface (S9) (LRR R, MLRA 149B) Loamy Mucky Mineral (F1) (LRR K, L) Loamy Gleyed Matrix (F2) Depleted Matrix (F3) Redox Dark Surface (F6) Depleted Dark Surface (F7) Redox Depressions (F8)			LRA 149B	Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)		
Type: No	Layer (if observed) one	:							
	ches):						Hydric Soil Present? Yes No		
Remarks:									

Project/Site: GM Lordstown	- Parcel 4	City	/County: Warr	en / Trumbull	Sampling Date: 10/17/2019
Applicant/Owner: GM			· · · · · · · · · · · · · · · · · · ·	State: OH	Sampling Date: 10/17/2019 Sampling Point: DP18
				, Range:	
	_{c.)} . Flat	l ocal r	elief (concave	convex none). Flat	Slope (%): <u>0-2</u>
Subragion (LRR or MLRA). LF	RR-R; MLRA-139	Lat. 41.156419	01101 (001.0012,	Long80.867210	Datum: WGS84
Soil Map Unit Name: Wadsw	orth silt loam (WI	bA)		NWI class	ification. Not Mapped
Are climatic / hydrologic condit					
					/
Are Vegetation, Soil					
Are Vegetation, Soil				If needed, explain any ansv	·
SUMMARY OF FINDING	SS – Attach si	te map showing sa	mpling poi	nt locations, transec	ts, important features, etc.
Hydrophytic Vegetation Pres	ent? Yes	✓ No	Is the Sam	pled Area	/
Hydric Soil Present?		✓ No	within a Wo	etland? Yes Y	No
Wetland Hydrology Present?		✓ No	If yes, optio	nal Wetland Site ID:	
Remarks: (Explain alternativ	e procedures here	or in a separate report.)	•		
Point taken near ditch.					
HYDROLOGY					
Wetland Hydrology Indicate	ors:			Secondary Ind	icators (minimum of two required)
Primary Indicators (minimum	of one is required;			Surface So	
Surface Water (A1)		Water-Stained Leav			Patterns (B10)
High Water Table (A2)		Aquatic Fauna (B10			Lines (B16)
Saturation (A3)		Marl Deposits (B15			on Water Table (C2)
Water Marks (B1)		Hydrogen Sulfide C			furrows (C8)
Sediment Deposits (B2)		Oxidized Rhizospho	_		Visible on Aerial Imagery (C9)
Drift Deposits (B3) Algal Mat or Crust (B4)		Presence of Reduct			Stressed Plants (D1)
Iron Deposits (B5)		Recent Iron Reduct Thin Muck Surface			nic Position (D2) quitard (D3)
Inundation Visible on Ae	rial Imagery (B7)	Other (Explain in R			graphic Relief (D4)
Sparsely Vegetated Con		Outer (Explain	emano,	Microtopo	
Field Observations:	0470 0411455 (= -,				Tall 1001 (20)
Surface Water Present?	Yes No _	Depth (inches):			
Water Table Present?	· · · · · · · · · · · · · · · · · · ·	Depth (inches):			
Saturation Present?		✓ Depth (inches):	I	Wetland Hydrology Pres	sent? Yes No
(includes capillary fringe) Describe Recorded Data (stre	eam dauge monito	ring well aerial photos p	revious inspect	ions) if available:	
Describe recorded Bata (5	sam gaago, monis	illig woll, dollar priotoc, p	ilevious inspess	ionoj, ii avaliabio.	
Remarks:					

30'	Absolute		nt Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30' Acer rubrum (Red Maple)	% Cover 25			Number of Dominant Species
	15	YES	<u>FAC</u>	That Are OBL, FACW, or FAC:8 (A)
2. Quercus palustris (Pin Oak)		YES	_ FACW	Total Number of Dominant
3				Species Across All Strata:9 (B)
4				Percent of Dominant Species That Are ORL FACW or FAC: 88.9% (A/B)
5				That Are OBL, FACW, or FAC: 88.9% (A/B)
6				Prevalence Index worksheet:
7		-		Total % Cover of: Multiply by:
50% = 20% =	40	= Total C	over	OBL species x 1 =0
Sapling/Shrub Stratum (Plot size: 15')				FACW species x 2 =0
1. Acer rubrum (Red Maple)	20	YES	FAC	FAC species x 3 =0
2. Cornus amomum (Silky Dogwood)	10	YES	FACW	FACU species x 4 =0
Frangula alnus (Glossy False Buckthorn)	8	YES	FAC	UPL species x 5 =0
4.		_		Column Totals:0 (A)(B)
5				Prevalence Index = B/A =
				Hydrophytic Vegetation Indicators:
6		_		1 - Rapid Test for Hydrophytic Vegetation
7 50% = 20% =	38			✓ 2 - Dominance Test is >50%
		= Total C	over	3 - Prevalence Index is ≤3.0 ¹
Herb Stratum (Plot size: 5' Doellingeria umbellata (Parasol White-Top)	45	YES	FACW	4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
Carex vulpinoidea (Common Fox Sedge)	35	YES	OBL	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Symphyotrichum racemosum (Fragile-Stem American-Aster)	30	YES	FACW	
Rosa multiflora (Rambler Rose)	30	YES	FACU	¹Indicators of hydric soil and wetland hydrology must
5. Frangula alnus (Glossy False Buckthorn)	25	NO	FAC	be present, unless disturbed or problematic.
6. Quercus rubra (Northern Red Oak)	10	NO	FACU	Definitions of Vegetation Strata:
		_		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
11				of size, and woody plants less than 3.28 ft tall.
12				Woody vines – All woody vines greater than 3.28 ft in height.
50% = 20% =	175	= Total C	over	neight.
Woody Vine Stratum (Plot size: 15')				
1		-	-	
2.		-	-	
3		_	-	Hydrophytic
1		_		Vegetation
50% = 20% =	0	= Total C		Present? Yes ✓ No
Remarks: (Include photo numbers here or on a separate s OBL/FACW: 5 UPL/FACU: 1 Passes FAC-Neutral Test (Secondary Hydrology Ind]).		

SOIL

Sampling Point: Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features Loc² Color (moist) Color (moist) Type¹ Texture (inches) 0 - 2 10YR 4/4 100 SiL 2 - 1010YR 5/1 92 10YR 4/6 8 C SiL M 97 3 C 10 - 12 **GLEY 1 4/10Y** 10YR 4/6 M SiL С 12 - 18 10YR 5/1 92 10YR 4/6 8 Μ SiL ¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. ²Location: PL=Pore Lining, M=Matrix. **Hydric Soil Indicators:** Indicators for Problematic Hydric Soils³: ___ Histosol (A1) Polyvalue Below Surface (S8) (LRR R, ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**) ___ Histic Epipedon (A2) MLRA 149B) ___ Coast Prairie Redox (A16) (LRR K, L, R) ___ Black Histic (A3) Thin Dark Surface (S9) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) _ Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (LRR K, L) ___ Dark Surface (S7) (LRR K, L) Stratified Layers (A5) ✓ Loamy Gleyed Matrix (F2) Polyvalue Below Surface (S8) (LRR K, L) Depleted Below Dark Surface (A11) ✓ Depleted Matrix (F3) _ Thin Dark Surface (S9) (LRR K, L) ___ Redox Dark Surface (F6) Iron-Manganese Masses (F12) (LRR K, L, R) 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) ___ Other (Explain in Remarks) ³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if observed): Type: None Hydric Soil Present? Yes _____ Depth (inches): _ Remarks:

Project/Site: GM Lordstown	- Parcel 4	City/	/County: Warr	en / Trumbull	Sampling Date: 10/17/2019
Applicant/Owner: GM			, <u>—</u>	State: OH	Sampling Date: 10/17/2019 Sampling Point: DP19
				, Range:	
Landform (hillslope terrace etc	_{c.)} . Flat	Local re	elief (concave	_{convex none)} . Flat	Slope (%). 0-2
Subregion (LRR or MLRA): LF	R-R; MLRA-139	Lat. 41.155817	Silon (C2	Long80.867180	Datum: WGS84
Soil Map Unit Name: Wadswo	orth silt loam (Wb	bA)		NWI classi	fication. Not Mapped
Are climatic / hydrologic conditi					
Are Vegetation, Soil					/
Are Vegetation, Soil				If needed, explain any ansv	·
SUMMARY OF FINDING	S – Attach si	te map showing sa	mpling poir	nt locations, transect	ts, important features, etc.
Hydrophytic Vegetation Prese	ent? Yes	✓ No	Is the Samp	oled Area	
Hydric Soil Present?		✓ No	within a We	etland? Yes	No
Wetland Hydrology Present?		✓ No	If yes, option	nal Wetland Site ID:	
Remarks: (Explain alternative	procedures here	or in a separate report.)	_1		
Point taken near ditch.					
HYDROLOGY					
Wetland Hydrology Indicate	ors:			Secondary Indi	cators (minimum of two required)
Primary Indicators (minimum	of one is required;	check all that apply)		Surface Sc	oil Cracks (B6)
Surface Water (A1)		Water-Stained Leav	/es (B9)	Drainage F	Patterns (B10)
High Water Table (A2)		Aquatic Fauna (B13			Lines (B16)
Saturation (A3)		Marl Deposits (B15))	Dry-Seaso	n Water Table (C2)
Water Marks (B1)		Hydrogen Sulfide O	dor (C1)	Crayfish B	urrows (C8)
Sediment Deposits (B2)		Oxidized Rhizosphe	eres on Living F	Roots (C3) Saturation	Visible on Aerial Imagery (C9)
Drift Deposits (B3)		Presence of Reduce	ed Iron (C4)	Stunted or	Stressed Plants (D1)
Algal Mat or Crust (B4)		Recent Iron Reducti	ion in Tilled Soi	ils (C6) <u> </u>	ic Position (D2)
Iron Deposits (B5)		Thin Muck Surface	(C7)	Shallow Ad	quitard (D3)
Inundation Visible on Aer	ial Imagery (B7)	Other (Explain in Re	emarks)		graphic Relief (D4)
Sparsely Vegetated Cond	cave Surface (B8)			_✓ FAC-Neutr	al Test (D5)
Field Observations:					
Surface Water Present?	· · · · · · · · · · · · · · · · · · ·	Depth (inches):			
Water Table Present?		Depth (inches):		<u>.</u>	
Saturation Present? (includes capillary fringe)	Yes No _	Depth (inches):		Wetland Hydrology Pres	ent? Yes <u>√</u> No
Describe Recorded Data (stre	eam gauge, monitor	ring well, aerial photos, pr	revious inspect	ions), if available:	
Remarks:					
Remarks.					

ampling	Doint	DP19
ambiina	POINT.	D

0.01	Absolute	Dominant	Indicator	Deminance Test weeksheets
Tree Stratum (Plot size: 30')	% Cover	Species?	Status	Dominance Test worksheet: Number of Dominant Species
1. Acer rubrum (Red Maple)	<u>25</u>	YES	FAC	That Are OBL, FACW, or FAC:7 (A)
2. Quercus palustris (Pin Oak)	15	YES	FACW	Total Number of Dominant
3				Species Across All Strata: 8 (B)
4			-	Percent of Dominant Species
5			_	That Are OBL, FACW, or FAC: 87.5% (A/B)
6			_	
				Prevalence Index worksheet:
7 50% = 20% =	40			
		= Total Cov	ver	OBL species x 1 =0
Sapling/Shrub Stratum (Plot size: 15')	05	VEO	540	racvi species x z =
1. Frangula alnus (Glossy False Buckthorn)	25	YES	FAC	X 3 =
2. Quercus palustris (Pin Oak)	15	YES	FACW	FACU species x 4 = 0 UPL species x 5 = 0
3. Lindera benzoin (Northern Spicebush)	15	YES	FACW	Column Totals: 0 (A) 0 (B)
4. Rosa multiflora (Rambler Rose)	5	NO	FACU	Column rotals (A) (B)
5		-	-	Prevalence Index = B/A =
6		_	_	Hydrophytic Vegetation Indicators:
			_	1 - Rapid Test for Hydrophytic Vegetation
7	60			✓ 2 - Dominance Test is >50%
		= Total Cov	ver	3 - Prevalence Index is ≤3.0 ¹
Herb Stratum (Plot size: 5') Symphyotrichum racemosum (Fragile-Stem American-Aster)	35	YES	FACW	4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
2. Solidago rugosa (Wrinkle-Leaf Goldenrod)	30	YES	FAC	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Rosa multiflora (Rambler Rose)	25	YES	FACU	
4. Carex vulpinoidea (Common Fox Sedge)	20	NO	OBL	¹ Indicators of hydric soil and wetland hydrology must
				be present, unless disturbed or problematic.
5. Doellingeria umbellata (Parasol White-Top)	<u>15</u>	NO	FACW	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
11		-	-	of size, and woody plants less than 3.28 ft tall.
12.		_	_	Woody vines – All woody vines greater than 3.28 ft in
50% = 20% =	125	= Total Cov		height.
		- Total Co	vei	
Woody Vine Stratum (Plot size: 15')				
1				
2				
3				Hydrophytic
4				Vegetation Present? Yes ✓ No
50% = 20% =	0	= Total Cov	ver	
Remarks: (Include photo numbers here or on a separate s OBL/FACW: 4 UPL/FACU: 1 Passes FAC-Neutral Test (Secondary Hydrology Indi	ŕ]).		

SOIL

Sampling Point: DP19

Depth	Matrix Color (moist)	 	Redo: Color (moist)	x Feature %		Loc ²	Texture	Remarks	
(inches) 0 - 2	10YR 2/1	98	10YR 4/6	2	C	M	SiL	Organic	
2 - 4	10YR 4/1	96	10YR 4/6	4	C	M	SiL		
4 - 16	10YR 5/2	99	10YR 5/6	1	C	M	SiL		
16 - 18	10YR 5/1	60	10YR 6/6	40	C	M	SiL		
	1011(0)1	- —	10111070						
¹Type: C=Co	oncentration, D=Dep	letion, RM	=Reduced Matrix, MS	=Masked	d Sand G	rains.	2Location	n: PL=Pore Lining, M=Matrix.	
Hydric Soil I								for Problematic Hydric Soils ³ :	
Histosol	(A1) pipedon (A2)		Polyvalue Below MLRA 149B)		(S8) (LR	RR,		Muck (A10) (LRR K, L, MLRA 149B) Prairie Redox (A16) (LRR K, L, R)	
Black His			Thin Dark Surfa		_RR R, M	ILRA 149B		Mucky Peat or Peat (S3) (LRR K, L, R)	
	n Sulfide (A4)		Loamy Mucky M			< , L)		Surface (S7) (LRR K, L)	
	l Layers (A5) l Below Dark Surfac	e (A11)	Loamy Gleyed IDepleted Matrix		!)			alue Below Surface (S8) (LRR K, L) Dark Surface (S9) (LRR K, L)	
	ark Surface (A12)	· · · · · · · · · · · · · · · · · · ·	Redox Dark Sur					langanese Masses (F12) (LRR K, L, R)	
	lucky Mineral (S1)		Depleted Dark S		7)			nont Floodplain Soils (F19) (MLRA 149B)	
	leyed Matrix (S4) ledox (S5)		Redox Depress	ions (F8)			Mesic Spodic (TA6) (MLRA 144A, 145, 149B)Red Parent Material (F21)		
-	Matrix (S6)							Shallow Dark Surface (TF12)	
Dark Sur	rface (S7) (LRR R, I	VILRA 149	3)				Other	(Explain in Remarks)	
³ Indicators of	hydrophytic vegeta	tion and w	etland hydrology mus	t be prese	ent, unles	s disturbed	or problemation	c.	
	_ayer (if observed)		, 3,				<u> </u>		
Type: No	ne								
Depth (inc	ches):						Hydric Soil	Present?	
Remarks:									

Project/Site: GM Lordstown - Parcel 4 C	ity/County: Warren / Trumbull	Sampling Date: 10/17/2019
Applicant/Owner: GM	State	Sampling Date: 10/17/2019 e: OH Sampling Point: DP20
	ection, Township, Range:	
Landform (hillslope, terrace, etc.): Depression	ıl relief (concave, convex, none): C	oncave Slope (%): 0-2
Subregion (LRR or MLRA): LRR-R; MLRA-139 Lat: 41.151985	Long: -80.86466	50 Datum: WGS84
Soil Map Unit Name: Wadsworth silt Ioam (WbB)	N	IWI classification: Not Mapped
Are climatic / hydrologic conditions on the site typical for this time of year		
Are Vegetation		
Are Vegetation, Soil, or Hydrology significantly dispersion, Soil, or Hydrology naturally problem.		any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing s	sampling point locations, to	ransects, important features, etc.
Hydrophytic Vegetation Present? Yes ✓ No	Is the Sampled Area	./
Hydric Soil Present? Yes ✓ No	within a Wetland?	Yes _ Y No
Wetland Hydrology Present? Yes No	If yes, optional Wetland Site II	D:
Remarks: (Explain alternative procedures here or in a separate report.)	
HYDROLOGY		
Wetland Hydrology Indicators:	Secor	ndary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		curface Soil Cracks (B6)
✓ Surface Water (A1) Water-Stained Le		Prainage Patterns (B10)
High Water Table (A2) High Water Table (A2) Aquatic Fauna (B		Moss Trim Lines (B16)
Saturation (A3) Marl Deposits (B1		Pry-Season Water Table (C2)
Vater Marks (B1) Hydrogen Sulfide		Crayfish Burrows (C8)
		raturation Visible on Aerial Imagery (C9)
Oxidized Mil23sp Drift Deposits (B3) Presence of Redu		tunted or Stressed Plants (D1)
		Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surface	` ' —	hallow Aquitard (D3)
Inch Deposits (B5) Thirr Mask Carries Thirr Mask Carries Other (Explain in Other (Explain in Other (Explain in Other (Explain in Other)		ficrotopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)		AC-Neutral Test (D5)
Field Observations:		NO NOUMAN TOST (DO)
Surface Water Present? Yes _ / No Depth (inches):	1 _	
Water Table Present? Yes No _ ✓ Depth (inches):	I	
Saturation Present? Yes No _ ✓ Depth (inches):		ogy Present? Yes <u></u> √ No
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos,	if available:	
Describe Recorded Data (stream gauge, monitoring well, aerial priotos,	previous inspections), ii available.	
Remarks:		
Rained last night.		

30'	Absolute		Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30')		Species?	<u>Status</u>	Number of Dominant Species
1				That Are OBL, FACW, or FAC:3 (A)
2				Total Number of Dominant
3				Species Across All Strata: 3 (B)
4		_		Percent of Dominant Species
5		_	-	That Are OBL, FACW, or FAC: 100.0% (A/B)
6			-	Duarrata mana tandara urrantus banatu
7.			_	Prevalence Index worksheet:
50% = 20% =	^	= Total Co	vor	OBL species x 1 =0
Sapling/Shrub Stratum (Plot size: 15')		- 10tai 00	VCI	FACW species x 2 =0
1 Frangula alnus (Glossy False Buckthorn)	15	YES	FAC	FAC species x 3 =0
				FACU species x 4 =0
2			<u>-</u>	UPL species x 5 =0
3				Column Totals: 0 (A) 0 (B)
4				
5		_		Prevalence Index = B/A =
6		_		Hydrophytic Vegetation Indicators:
7.		-	-	1 - Rapid Test for Hydrophytic Vegetation
50% = 20% =	15	= Total Co	ver	✓ 2 - Dominance Test is >50%
Herb Stratum (Plot size: 5')		rotal Go	•01	3 - Prevalence Index is ≤3.0¹
Scirpus cyperinus (Cottongrass Bulrush)	60	YES	OBL	4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
Juncus effusus (Lamp Rush)	45	YES	OBL	Problematic Hydrophytic Vegetation¹ (Explain)
3. Symphyotrichum racemosum (Fragile-Stem American-Aster)	35	NO	FACW	
Solidago rugosa (Wrinkle-Leaf Goldenrod)	30	NO	FAC	¹ Indicators of hydric soil and wetland hydrology must
	15		FACU	be present, unless disturbed or problematic.
5. Rosa multiflora (Rambler Rose)		NO		Definitions of Vegetation Strata:
6. Ludwigia alternifolia (Seedbox)	8	NO	OBL	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
11.		-	-	of size, and woody plants less than 3.28 ft tall.
12.		_	-	Woody vines – All woody vines greater than 3.28 ft in
50% = 20% =	193	= Total Co	· · · · · · · · · · · · · · · · · · ·	height.
		- Total Co	vei	
Woody Vine Stratum (Plot size: 15')				
1				
2			<u>-</u>	
3				Hydrophytic
4				Vegetation Present? Yes ✓ No
50% = 20% =	0	= Total Co	ver	
Remarks: (Include photo numbers here or on a separate s OBL/FACW: 2 UPL/FACU: 0 Passes FAC-Neutral Test (Secondary Hydrology Ind	·]).		

	cription: (Describe	to the de				or confirm	n the absence of indicators.)		
Depth	Matrix	0/	Redo	x Feature	S T 1	Loc ²	Toylura		
(inches) 0 - 1	Color (moist) 10YR 2/2	% 100	Color (moist)	%	Type ¹	Loc-	<u>Texture</u> <u>Remarks</u> SiL		
1 - 10	10YR 4/1	93	10YR 4/6	7		PL	SiL		
10 - 18	10YR 4/1	80	10YR 4/4	20	C	PL	SiL		
Hydric Soil Histoso	Indicators: (A1)	 letion, RM	l=Reduced Matrix, M	w Surface			² Location: PL=Pore Lining, M=Matrix. Indicators for Problematic Hydric Soils ³ : 2 cm Muck (A10) (LRR K, L, MLRA 149B)		
Black H Hydroge Stratifie Deplete Thick D Sandy N Sandy F Stripped	pipedon (A2) istic (A3) en Sulfide (A4) d Layers (A5) d Below Dark Surfac ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, M		MLRA 149B) Thin Dark Surface (S9) (LRR R, MLRA 149B) Loamy Mucky Mineral (F1) (LRR K, L) Loamy Gleyed Matrix (F2) Depleted Matrix (F3) Redox Dark Surface (F6) Depleted Dark Surface (F7) Redox Depressions (F8)				Coast Prairie Redox (A16) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)		
	f hydrophytic vegeta Layer (if observed):		etland hydrology mus	st be pres	ent, unles	s disturbed	d or problematic.		
Type: No									
Depth (in	ches):						Hydric Soil Present? Yes No		
Remarks:									

Project/Site: GM Lordstown - Parcel 4	City/County: War	ren / Trumbull Sa	ampling Date: 10/17/2019
Applicant/Owner: GM	, , <u></u>	ren / Trumbull Sa State: OH	Sampling Point: DP21
014 1 111		, Range:	
	Local relief (concave	convex none). Convex	Slone (%). 1-3
Landform (hillslope, terrace, etc.): Mound Subregion (LRR or MLRA): LRR-R; MLRA-139 Lat: 41.151	Local relief (coricave, 823	-80 866701	Slope (%)
Subregion (LRR or MLRA): Lat: Lat: Lat: Wadsworth silt loam (WhB)		Long:	Not Manned
Soil Map Unit Name: Wadsworth silt loam (WbB)		NWI classification	
Are climatic / hydrologic conditions on the site typical for this time			
Are Vegetation $\underline{\hspace{1cm}\checkmark\hspace{1cm}}$, Soil $\underline{\hspace{1cm}\checkmark\hspace{1cm}}$, or Hydrology $\underline{\hspace{1cm}\checkmark\hspace{1cm}}$ signifi	cantly disturbed?	Are "Normal Circumstances" pres	ent? Yes <u>Y</u> No
Are Vegetation, Soil, or Hydrology natura		(If needed, explain any answers i	
SUMMARY OF FINDINGS - Attach site map sho	wing sampling poi	nt locations, transects, ir	nportant features, etc.
Hydrophytic Vegetation Present? Yes No	√ Is the Sam	pled Area	
Hydric Soil Present? Yes No	√ within a W	etland? Yes	No
Wetland Hydrology Present? Yes No		nal Wetland Site ID:	
Remarks: (Explain alternative procedures here or in a separate			
HYDROLOGY			
Wetland Hydrology Indicators:			s (minimum of two required)
Primary Indicators (minimum of one is required; check all that a		Surface Soil Cra	
	ained Leaves (B9)	Drainage Patter	1
High Water Table (A2) Aquatic F And Rep		Moss Trim Lines	
Saturation (A3) Marl Dep		Dry-Season Wa	
	n Sulfide Odor (C1) Rhizospheres on Living I	Crayfish Burrow Soots (C3) Saturation Visible	e on Aerial Imagery (C9)
	e of Reduced Iron (C4)	Stunted or Stres	
	on Reduction in Tilled Sc		
	k Surface (C7)	Shallow Aquitare	
	rplain in Remarks)	Microtopographi	
Sparsely Vegetated Concave Surface (B8)		FAC-Neutral Te	st (D5)
Field Observations:			
Surface Water Present? Yes No✓ Depth (i			
Water Table Present? Yes No✓ Depth (i			
Saturation Present? Yes No _ ✓ Depth (i (includes capillary fringe)	nches):	Wetland Hydrology Present?	Yes No✓
Describe Recorded Data (stream gauge, monitoring well, aeria	photos, previous inspec	tions), if available:	
Remarks:			
Rained last night.			
Trained last riight.			

- 30'	Absolute		Indicator	Dominance Test worksheet:
<u>Tree Stratum</u> (Plot size: 30' 1. Carya ovata (Shag-Bark Hickory)	<u>% Cover</u> 45	Species?		Number of Dominant Species
···		YES	FACU	That Are OBL, FACW, or FAC: 2 (A)
2				Total Number of Dominant
3				Species Across All Strata: (B)
4				Percent of Dominant Species That Are ORL FACW or FAC: 40.0% (A/R)
5				That Are OBL, FACW, or FAC: 40.0% (A/B)
6				Prevalence Index worksheet:
7		-		Total % Cover of: Multiply by:
50% = 20% =	<u>45</u>	= Total Co	ver	OBL species <u>0</u> x 1 = <u>0</u>
Sapling/Shrub Stratum (Plot size: 15')				FACW species 40 x 2 = 80
1. Frangula alnus (Glossy False Buckthorn)	30	YES	FAC	FAC species 30 $\times 3 = 90$
2. Quercus alba (Northern White Oak)	10	YES	FACU	FACU species 155 x 4 = 620
3. Fraxinus pennsylvanica (Green Ash)	5	NO	FACW	UPL species 0 $x = 0$ 790 (B)
4		_	-	Column Totals:(A)(B)
5			_	Prevalence Index = B/A =3.51
6			_	Hydrophytic Vegetation Indicators:
		_		1 - Rapid Test for Hydrophytic Vegetation
7	45			2 - Dominance Test is >50%
		= Total Co	ver	3 - Prevalence Index is ≤3.0 ¹
Herb Stratum (Plot size: 5' 1. Rosa multiflora (Rambler Rose)	65	YES	FACU	4 - Morphological Adaptations ¹ (Provide supporting
				data in Remarks or on a separate sheet)
2. Symphyotrichum racemosum (Fragile-Stem American-Aster)	35	YES	FACW	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Quercus alba (Northern White Oak)	25	NO	FACU	¹ Indicators of hydric soil and wetland hydrology must
4. Sassafras albidum (Sassafras)	10	NO	FACU	be present, unless disturbed or problematic.
5				Definitions of Vegetation Strata:
6				Tree – Woody plants 3 in. (7.6 cm) or more in diameter
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
11		-	-	of size, and woody plants less than 3.28 ft tall.
12.		_	-	Woody vines – All woody vines greater than 3.28 ft in
50% = 20% =	135	= Total Co	. ———	height.
Woody Vine Stratum (Plot size: 15')		- Total Co	VCI	
		_	_	
1		_		
2				
3			· -	Hydrophytic Vegetation
4				Present? Yes No✓
50% = 20% =		= Total Co	ver	
Remarks: (Include photo numbers here or on a separate s OBL/FACW: 1 UPL/FACU: 3	heet.)			
Does not pass FAC-Neutral Test (Secondary Hydrological Control of the Control of	ogy Indica	tor [D5]).		

cription: (Describe	to the dep	oth needed to docun	nent the i	ndicator	or confirm	n the absence of indicators.)	
Matrix	0/	Redox		. — 1	1 2	Testos	
		Color (moist)	%	_ rype	LOC_		
						· · 	_
						· 	_
10YR 5/3	100					SiL	
							_
							_
Indicators: I (A1) pipedon (A2) istic (A3) en Sulfide (A4) d Layers (A5) d Below Dark Surface ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R, I	ee (A11) MLRA 149I	Polyvalue Belov MLRA 149B) Thin Dark Surfa Loamy Mucky M Loamy Gleyed M Depleted Matrix Redox Dark Sur Depleted Dark S Redox Depressi	v Surface ce (S9) (L fineral (F1) Matrix (F2) (F3) face (F6) Surface (F ons (F8)	(S8) (LRF RR R, ML) (LRR K,)	RR, .RA 149B) L)	 Dark Surface (S7) (LRR K, L) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, I Piedmont Floodplain Soils (F19) (MLRA 144 Mesic Spodic (TA6) (MLRA 144A, 145, 149 Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) 	R) 9B)
	:						
						Hydric Soil Present? Yes No/	_
	Matrix Color (moist) 10YR 2/2 10YR 4/3 10YR 5/3 10YR 5/3 10YR 5/3 Concentration, D=Deplet of the concentration of the color of	Matrix Color (moist) % 10YR 2/2 100 10YR 4/3 100 10YR 5/3 100 10YR 5/3 100 Oncentration, D=Depletion, RM Indicators: I (A1) pipedon (A2) istic (A3) en Sulfide (A4) d Layers (A5) d Below Dark Surface (A11) ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) Irface (S7) (LRR R, MLRA 149) Information of hydrophytic vegetation and we Layer (if observed):	Matrix Redox Color (moist) % Color (moist) % Color (moist) 10YR 2/2 100 10YR 4/3 100 10YR 5/3 100 Concentration, D=Depletion, RM=Reduced Matrix, MS Indicators: (A1) Polyvalue Below pipedon (A2) MLRA 149B) Sen Sulfide (A4) Loamy Mucky M d Layers (A5) Loamy Gleyed M d Layers (A5) Loamy Gleyed M d Layers (A11) Depleted Matrix ark Surface (A12) Redox Dark Surface (A12) Redox Dark Surface (A12) Redox Dark Surface (A13) Redox (S5) d Matrix (S6) Unface (S7) (LRR R, MLRA 149B) of hydrophytic vegetation and wetland hydrology mus Layer (if observed): Done	Matrix Color (moist) % Color (moist) % 10YR 2/2 100 10YR 4/3 100 10YR 5/3 100 Oncentration, D=Depletion, RM=Reduced Matrix, MS=Masked Indicators: I (A1) Polyvalue Below Surface MLRA 149B) Sistic (A3) Thin Dark Surface (S9) (L Loamy Mucky Mineral (F1) d Loamy Mucky Mineral (F1) d Loamy Gleyed Matrix (F2) d Below Dark Surface (A11) Depleted Matrix (F3) ark Surface (A12) Redox Dark Surface (F6) Depleted Dark Surface (F6) Mucky Mineral (S1) Depleted Dark Surface (F6) Depleted Dark Surface (F6) Matrix (S6) Redox (S5) d Matrix (S6) Inface (S7) (LRR R, MLRA 149B) In hydrophytic vegetation and wetland hydrology must be presellayer (if observed): one	Matrix Color (moist) % Type¹ 10YR 2/2 100 10YR 4/3 100 10YR 5/3 100 Doncentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Graindicators: I(A1) Polyvalue Below Surface (S8) (LRR MLRA 149B) Matrix (F2) Depleted Matrix (F3) ark Surface (A11) Depleted Matrix (F3) ark Surface (A12) Depleted Dark Surface (F7) Sieyed Matrix (S6) Urface (S7) (LRR R, MLRA 149B) If hydrophytic vegetation and wetland hydrology must be present, unless Layer (if observed): one	Matrix Redox Features Color (moist) % Type¹ Loc² 10YR 2/2 100 10YR 4/3 100 10YR 5/3 100 10YR 5/3 100 Doncentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. Indicators: (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) istic (A3) MLRA 149B) istic (A3) Loamy Mucky Mineral (F1) (LRR K, L) depleted Matrix (F3) ark Surface (A11) Depleted Matrix (F3) ark Surface (A12) Redox Dark Surface (F6) Mucky Mineral (S1) Depleted Dark Surface (F7) Cleyed Matrix (S6) Irface (S7) (LRR R, MLRA 149B) of hydrophytic vegetation and wetland hydrology must be present, unless disturbed Layer (if observed): Done	Color (moist) % Color (moist) % Type¹ Loc² Texture Remarks 10YR 2/2 100 SiL 10YR 4/3 100 SiL 10YR 5/3 100 SiL 10YR 5/3 100 SiL SiL

Project/Site: GM Lordstown -	Parcel 4	City	v/County: War	ren / Trumbull	Sampling Date: 10/17/2019
Applicant/Owner: GM			,, , <u></u>	State: OH	Sampling Date: 10/17/2019 Sampling Point: DP22
Investigator(s): GK, MH		Se			
Landform (hillslope, terrace, etc	_{:.):} Flat	Local	relief (concave,	convex, none): Flat	Slope (%): 0-2
Subregion (LRR or MLRA): LR	R-R; MLRA-139	Lat. 41.153540	101101 (00.1122.1.)	Long80.866977	Datum: WGS84
Soil Map Unit Name: Wadswo	 orth silt loam (Wb	, Lat bA)		NWI classif	Not Mapped
Are climatic / hydrologic condition					
Are Vegetation, Soil					
Are Vegetation, Soil				(If needed, explain any answ	•
SUMMARY OF FINDING	S – Attach sit	te map showing sa	ampling poi	nt locations, transect	s, important features, etc.
Hydrophytic Vegetation Prese	nt? Yes	✓ No	Is the Sam	pled Area	1
Hydric Soil Present?		No		etland? Yes	No
Wetland Hydrology Present?		No <u> </u>	If yes, optic	onal Wetland Site ID:	
Remarks: (Explain alternative			" J = = .	mai violana ene i .	
,		, ,			
HYDROLOGY					
Wetland Hydrology Indicato	rs:			Secondary Indic	cators (minimum of two required)
Primary Indicators (minimum o		check all that apply)		Surface Soi	
Surface Water (A1)		Water-Stained Lea	aves (B9)		atterns (B10)
High Water Table (A2)		Aquatic Fauna (B1		Moss Trim	
Saturation (A3)		Marl Deposits (B15			n Water Table (C2)
Water Marks (B1)		Hydrogen Sulfide (Crayfish Bu	
Sediment Deposits (B2)		Oxidized Rhizosph			Visible on Aerial Imagery (C9)
Drift Deposits (B3)		Presence of Reduc	_		Stressed Plants (D1)
Algal Mat or Crust (B4)		Recent Iron Reduc			c Position (D2)
Iron Deposits (B5)		Thin Muck Surface		Shallow Aq	i i
Inundation Visible on Aeri	ial Imagery (B7)	Other (Explain in F			raphic Relief (D4)
Sparsely Vegetated Conc		Other (Explain in 1	(emains)	Microtopogi	
Field Observations:	ave surface (Do)			<u>*</u> 1 AO-Neutr	al Test (D3)
Surface Water Present?	Yes No	✓ Depth (inches):			
Water Table Present?	·	✓ Depth (inches):			
Saturation Present?		Depth (inches):		Wetland Hydrology Prese	ent? Yes No✓_
(includes capillary fringe)					
Describe Recorded Data (stre	am gauge, monitor	ring well, aerial photos, p	previous inspec	tions), if available:	
Remarks:					
Rained last night.					
Ivallied last hight.					

San	npling P	oint: DP22	<u> </u>
Test workshee	t:		
ominant Species _, FACW, or FA			(A)
r of Dominant ss All Strata:			(B)
ominant Species _, FACW, or FA		0.0%	(A/B)
ndex workshee	et:		
Cover of:	M	ultiply by:	_
	x 1 =		_
es	x 2 =		_
	x 3 =		_
s	x 4 =		_
	x 5 =		_
s: 0	(A)	0	_ (B)
nce Index = B/	A =		_
Vegetation Inc	licators	:	
Test for Hydro	phytic V	egetation	
nance Test is >	50%		
lence Index is ≤	≤3.0¹		
nological Adapta			
n Remarks or o			
atic Hydrophytic	Vegeta	tion' (Expla	in)
hydric soil and nless disturbed	wetland or probl	hydrology i ematic.	must
of Vegetation S	trata:		
y plants 3 in. (7.	.6 cm) o	r more in di	ameter

Tree Stratum (Plot size: 30')	Absolute % Cover		t Indicator	Dominance Test worksheet:	
				Number of Dominant Species	• >
1				That Are OBL, FACW, or FAC: (/	A)
2				Total Number of Dominant Species Across All Strata: (6	D/
3			·	Species Across All Strata: (t	В)
4			<u> </u>	Percent of Dominant Species That Are OBL, FACW, or FAC: 0.0%	A/B)
5				That Ale CBE, FACOV, OF FAC.	
6				Prevalence Index worksheet:	
7				Total % Cover of: Multiply by:	
50% = 20% =		= Total Co	ver	OBL species x 1 =0	
Sapling/Shrub Stratum (Plot size: 15')				FACW species x 2 =0	
1. Lindera benzoin (Northern Spicebush)	15	YES	FACW	FACUL species	
2				FACO species	
3		_	-	UPL species $x 5 = 0$ Column Totals: 0 (A) 0	(B)
4			-	Column Totals (A)	(D)
5			-	Prevalence Index = B/A =	
6.			-	Hydrophytic Vegetation Indicators:	
7.		_	_	✓ 1 - Rapid Test for Hydrophytic Vegetation	
50% = 20% =	15	= Total Co		2 - Dominance Test is >50%	
Herb Stratum (Plot size: 5')		- Total GC	IVEI	3 - Prevalence Index is ≤3.0 ¹	
1. Rubus hispidus (Bristly Dewberry)	45	YES	FACW	4 - Morphological Adaptations ¹ (Provide suppo	rting
Symphyotrichum racemosum (Fragile-Stem American-Aster)	40	YES	FACW	data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain)	
3. Doellingeria umbellata (Parasol White-Top)	15	NO	FACW	Problematic Hydrophytic Vegetation (Explain)	
				¹ Indicators of hydric soil and wetland hydrology mus	st
4. Acer rubrum (Red Maple)	15	NO	FAC	be present, unless disturbed or problematic.	
5. Juncus effusus (Lamp Rush)	10	NO	OBL	Definitions of Vegetation Strata:	
6				Tree – Woody plants 3 in. (7.6 cm) or more in diam	eter
7				at breast height (DBH), regardless of height.	iotoi
8			-	Sapling/shrub – Woody plants less than 3 in. DBH	1
9		_		and greater than or equal to 3.28 ft (1 m) tall.	
10			-	Herb – All herbaceous (non-woody) plants, regardle	ess
11		-	=	of size, and woody plants less than 3.28 ft tall.	
12.		_	-	Woody vines – All woody vines greater than 3.28 f	ft in
50% = 20% =	125	= Total Co	over	height.	
Woody Vine Stratum (Plot size: 15')		10141 00			
1.		_	_		
2.		_			
3				Hydrophytic Vegetation	
4	0		·	Present? Yes No	
50% = 20% =		= Total Co	ver		
Remarks: (Include photo numbers here or on a separate s	neet.)				

OBL/FACW: 3 UPL/FACU: 0

Passes FAC-Neutral Test (Secondary Hydrology Indicator [D5]).

st)	Color (moist)		S S S	Texture Remarks SiL SiL SiL
100 100 100			S	SiL SiL
100			S	SiL
100				
			5 	
=Depletion, R				
=Depletion, R	_			
=Depletion, R				
	 M=Reduced Matrix.	— ——— ——— – MS=Masked Sand Grair		² Location: PL=Pore Lining, M=Matrix.
	······································			Indicators for Problematic Hydric Soils ³ :
		low Surface (S8) (LRR I	R,	 2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R)
	MLRA 149 Thin Dark Su	rface (S9) (LRR R, MLF	RA 149B)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
	Loamy Muck	y Mineral (F1) (LRR K, I		Dark Surface (S7) (LRR K, L)
urface (A11)	Loamy Gleye Depleted Ma			Polyvalue Below Surface (S8) (LRR K, L)Thin Dark Surface (S9) (LRR K, L)
2)	Redox Dark			Iron-Manganese Masses (F12) (LRR K, L,
S1)		k Surface (F7)		Piedmont Floodplain Soils (F19) (MLRA 14
64)	Redox Depre	ssions (F8)		Mesic Spodic (TA6) (MLRA 144A, 145, 149Red Parent Material (F21)
				Very Shallow Dark Surface (TF12)
R R, MLRA 14	19B)			Other (Explain in Remarks)
egetation and	wetland hydrology m	iust be present, unless (disturbed or	problematic.
ved):	, 0,			
			F	Hydric Soil Present? Yes No _✓
_	and	and wetland hydrology m	and wetland hydrology must be present, unless o	and wetland hydrology must be present, unless disturbed or

Project/Site: GM Lordstown - Parcel 4	City/County: Warren / Trum	bull	Sampling Date: 10/17/2019
Applicant/Owner: GM		State: OH	Sampling Date: 10/17/2019 _ Sampling Point: DP23
	Section, Township, Range:		
Landform (hillslope, terrace, etc.): Depression Loc	cal relief (concave, convex, nor	ne): Concave	Slope (%): 0-2
Subregion (LRR or MLRA): LRR-R; MLRA-139 Lat: 41.153902	Long80,	866727	Datum: WGS84
Soil Map Unit Name: Wadsworth silt loam (WbA)	Long	NM/I classific	ation: Not Mapped
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		explain any answe	
SUMMARY OF FINDINGS – Attach site map showing	sampling point location	ons, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes ✓ No	Is the Sampled Area	./	
Hydric Soil Present? Yes No	within a Wetland?	Yes <u>▼</u>	No
Wetland Hydrology Present? Yes No	If yes, optional Wetland	I Site ID:	
Remarks: (Explain alternative procedures here or in a separate report	t.)		
Taken in and near ruts.			
HYDROLOGY			
Wetland Hydrology Indicators:		Secondary Indica	tors (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		Surface Soil	
✓ Surface Water (A1) Water-Stained		Drainage Pat	
High Water Table (A2) Aquatic Fauna		Moss Trim Li	
Saturation (A3) Marl Deposits (Water Table (C2)
Water Marks (B1) Hydrogen Sulfic		Crayfish Burr	
Sediment Deposits (B2) Oxidized Rhizo Drift Deposits (B3) Presence of Re	spheres on Living Roots (C3)		sible on Aerial Imagery (C9) tressed Plants (D1)
	duction in Tilled Soils (C6)	✓ Geomorphic	
Iron Deposits (B5) Thin Muck Surf		Shallow Aqui	
Inundation Visible on Aerial Imagery (B7) Other (Explain)		✓ Microtopogra	
Sparsely Vegetated Concave Surface (B8)	,	✓ FAC-Neutral	
Field Observations:			
Surface Water Present? Yes ✓ No Depth (inches)	:		
Water Table Present? Yes No _ ✓ Depth (inches)	<i>i</i> :		
Saturation Present? Yes No ✓ Depth (inches)	: Wetland F	lydrology Presen	t? Yes No
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photo	s, previous inspections), if ava	ilable:	
, , , , , , , , , , , , , , , , , , , ,	, ,		
Remarks:			
Rained last night.			

30'	Absolute		Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30')		Species?	<u>Status</u>	Number of Dominant Species
1				That Are OBL, FACW, or FAC:2 (A)
2	_			Total Number of Dominant
3				Species Across All Strata: 3 (B)
4				Percent of Dominant Species
5		_	-	That Are OBL, FACW, or FAC: 66.7% (A/B)
6		-		Prevalence Index worksheet:
7			-	Total % Cover of: Multiply by:
50% = 20% =	^	= Total Co	ver	OBL species x 1 =0
Sapling/Shrub Stratum (Plot size: 15')		rotal 00	VOI	FACW species x 2 =0
Rosa multiflora (Rambler Rose)	10	YES	FACU	FAC species x 3 =0
			-	FACU species x 4 =0
2			· -	UPL species x 5 =0
3				Column Totals:0 (A)0 (B)
4			-	
5		_	-	Prevalence Index = B/A =
6		_	-	Hydrophytic Vegetation Indicators:
7		-	-	1 - Rapid Test for Hydrophytic Vegetation
50% = 20% =	40	= Total Co	ver	✓ 2 - Dominance Test is >50%
Herb Stratum (Plot size: 5'		10141 00	VOI	3 - Prevalence Index is ≤3.0 ¹
Juncus effusus (Lamp Rush)	45	YES	OBL	4 - Morphological Adaptations ¹ (Provide supporting
Leersia oryzoides (Rice Cut Grass)	35	YES	OBL	data in Remarks or on a separate sheet)
			OBL	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Ludwigia alternifolia (Seedbox)	_ 25	NO		¹ Indicators of hydric soil and wetland hydrology must
4. Scirpus atrovirens (Dark-Green Bulrush)		NO	OBL	be present, unless disturbed or problematic.
5. Scirpus cyperinus (Cottongrass Bulrush)	_ 20	NO	OBL	Definitions of Vegetation Strata:
6. Eupatorium perfoliatum (Common Boneset)	5	NO	FACW	
7		-	-	Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
8			-	
9.			_	Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
		_	_	Hark All bank account (non-viscodi s) planta manadlasa
			·	Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
11		-		
12	450		· -	Woody vines – All woody vines greater than 3.28 ft in height.
50% = 20% =	150	= Total Co	ver	
Woody Vine Stratum (Plot size: 15')				
1			<u>-</u>	
2		_	-	
3		-	-	Hydrophytic
4		_	-	Vegetation
50% = 20% =	0	= Total Co	Ver	Present? Yes No
Remarks: (Include photo numbers here or on a separate OBL/FACW: 2 UPL/FACU: 1 Passes FAC-Neutral Test (Secondary Hydrology Inc.)	·]).		

SOIL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features Loc² Color (moist) Color (moist) Type¹ Texture (inches) 0 - 2 10YR 2/1 100 SiL 2 - 6 10YR 4/2 93 10YR 4/6 7 С PLSiL 12 С PL6 - 1410YR 4/1 88 10YR 4/6 SiL 20 С PL14 - 18 10YR 5/1 80 10YR 5/4 SiL ¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. ²Location: PL=Pore Lining, M=Matrix. **Hydric Soil Indicators:** Indicators for Problematic Hydric Soils³: ___ Histosol (A1) Polyvalue Below Surface (S8) (LRR R, ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**) ___ Histic Epipedon (A2) MLRA 149B) ___ Coast Prairie Redox (A16) (LRR K, L, R) ___ Black Histic (A3) Thin Dark Surface (S9) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) _ Hydrogen Sulfide (A4) __ Loamy Mucky Mineral (F1) (LRR K, L) ___ Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Loamy Gleyed Matrix (F2) Polyvalue Below Surface (S8) (LRR K, L) ✓ Depleted Below Dark Surface (A11) ✓ Depleted Matrix (F3) _ Thin Dark Surface (S9) (LRR K, L) ___ Redox Dark Surface (F6) Iron-Manganese Masses (F12) (LRR K, L, R) 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) ___ Other (Explain in Remarks) ³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if observed): Type: None Hydric Soil Present? Yes _____ Depth (inches): _ Remarks:

Project/Site: GM Lordstown - Parcel 4	City/County: Warren /	Trumbull	Sampling Date: 10/17/2019
Applicant/Owner: GM	_ · · ·	State: OH	Sampling Date: 10/17/2019 Sampling Point: DP24
	Section, Township, Rang		
Landform (hillslope, terrace, etc.): Depression	Local relief (concave, conve	ex. none); Concave	Slope (%): 0-2
Subregion (LRR or MLRA): LRR-R; MLRA-139 Lat: 41.154627	7 Long	. - 80.863474	Datum: WGS84
Soil Map Unit Name: Rittman silt Ioam (RsB)		NWI classifi	cation: Not Mapped
Are climatic / hydrologic conditions on the site typical for this time of			
Are Vegetation			/
Are Vegetation, Soil, or Hydrology naturally		ded, explain any answe	·
SUMMARY OF FINDINGS – Attach site map showing	ng sampling point lo	cations, transects	s, important features, etc.
Hydrophytic Vegetation Present? Yes ✓ No	Is the Sampled A	Area	
Hydric Soil Present? Yes ✓ No		l? Yes <u>√</u>	No
Wetland Hydrology Present? Yes No	If yes, optional We	etland Site ID:	
Remarks: (Explain alternative procedures here or in a separate re	port.)		
Taken in and near ruts.			
HYDROLOGY			
Wetland Hydrology Indicators:		· · · · · · · · · · · · · · · · · · ·	ators (minimum of two required)
Primary Indicators (minimum of one is required; check all that appl		Surface Soil	
✓ Surface Water (A1) Water-Staine			atterns (B10)
High Water Table (A2) Aquatic Faur		Moss Trim L	
Saturation (A3) Marl Deposit			Water Table (C2)
Water Marks (B1) Hydrogen St		Crayfish But	
	izospheres on Living Roots		/isible on Aerial Imagery (C9)
	Reduced Iron (C4)		Stressed Plants (D1)
	Reduction in Tilled Soils (C6		
Iron Deposits (B5) Thin Muck S Inundation Visible on Aerial Imagery (B7) Other (Expla		Shallow Aqu	
Inundation Visible on Aerial Imagery (B7) Other (Expla Sparsely Vegetated Concave Surface (B8)	in in Remarks)	✓ Microtopogr	aphic Relief (D4)
— Sparsely Vegetated Concave Surface (B8) Field Observations:		FAU-INEulia	I Test (Do)
Surface Water Present? Yes _ ✓ No Depth (inch	_{les):} 1		
Water Table Present? Yes No Depth (inch	I		
Saturation Present? Yes No✓ Depth (inch	· ·	and Hydrology Prese	nt? Yes No
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial ph	votos previous inspections)	if available:	
Describe Necotided Data (stream gauge, monitoring won, donar pri	olos, previous mapoonomy,	II availabie.	
Remarks:			
Rained last night.			

<u>Tree Stratum</u> (Plot size: 30')	Absolute % Cover		Indicator	Dominance Test worksheet:	
1		-	-	Number of Dominant Species	(4)
				That Are OBL, FACW, or FAC:	(A)
2				Total Number of Dominant	(D)
3				Species Across All Strata:	(B)
4				Percent of Dominant Species That Are ORL FACW or FAC: 0.0%	(A/B)
5				That Are OBL, FACW, or FAC:	(A/B)
6				Prevalence Index worksheet:	
7				Total % Cover of: Multiply by:	_
50% = 20% =	0	= Total Co	ver	OBL species x 1 =0	_
Sapling/Shrub Stratum (Plot size: 15')				FACW species x 2 =0	_
1		_		FAC species x 3 =0	_
2			-	FACU species x 4 =0	-
3			-	UPL species x 5 =0	
4				Column Totals:0 (A)0	_ (B)
			_	Prevalence Index = B/A =	
5				Hydrophytic Vegetation Indicators:	
6		_		✓ 1 - Rapid Test for Hydrophytic Vegetation	
7				2 - Dominance Test is >50%	
50% = 20% =		= Total Co	ver	3 - Prevalence Index is ≤3.0¹	
Herb Stratum (Plot size: 5')				4 - Morphological Adaptations ¹ (Provide sup	porting
1. Phragmites australis (Common Reed)	85	YES	FACW	data in Remarks or on a separate sheet)	
2. Phalaris arundinacea (Reed Canary Grass)	45	YES	FACW	Problematic Hydrophytic Vegetation ¹ (Expla	in)
3. Scirpus atrovirens (Dark-Green Bulrush)		NO	OBL	1 adjactors of budgie only and wetlend budgetons and	4
4. Ludwigia alternifolia (Seedbox)	5	NO	OBL	¹ Indicators of hydric soil and wetland hydrology r be present, unless disturbed or problematic.	nust
5				Definitions of Vegetation Strata:	
6			-	_	
7			-	Tree – Woody plants 3 in. (7.6 cm) or more in diat breast height (DBH), regardless of height.	ameter
8			_		
				Sapling/shrub – Woody plants less than 3 in. D and greater than or equal to 3.28 ft (1 m) tall.	вн
9					
10				Herb – All herbaceous (non-woody) plants, rega of size, and woody plants less than 3.28 ft tall.	rdless
11					0.6.
12	455		· -	Woody vines – All woody vines greater than 3.2 height.	8 π In
50% = 20% =	155	= Total Co	ver		
Woody Vine Stratum (Plot size: 15')					
1					
2			-		
3			-	Hydrophytic	
4				Vegetation Present? Yes ✓ No	
50% = 20% =	0	= Total Co	ver	riesent? res No	
Remarks: (Include photo numbers here or on a separate					
OBL/FACW: 2					
UPL/FACU: 0					
Passes FAC-Neutral Test (Secondary Hydrology Inc	dicator [D5]).			
, , , , , , , , , , , , , , , , , , , ,		•			

SOIL

Sampling Point: DP24

Color (moist) % Color (moist) % Type Loc? Texture Remarks	0 - 2 2 - 6 6 - 16	10YR 2/2 10YR 4/1 10YR 5/1	100 92 92	10YR 4/4 10YR 4/6	8	_		SiL	TOTTALTO
2 - 6	6 - 16	10YR 5/1	92	10YR 4/6		С			
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.	6 - 16	10YR 5/1	92	10YR 4/6					
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.		· 				С	- ——	Sil	
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. #ydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Histic Epipedon (A2) MLRA 149B) Black Histic (A3) Histic Epipedon (A5) Loamy Mucky Mineral (F1) (LRR K, L) Stratified Layers (A5) Loamy Mucky Mineral (F1) Thick Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A12) Redox Dark Surface (F6) Thin Dark Surface (A12) Redox Dark Surface (F7) Redox Dark Surface (F8) Redox Dark Surface (F8		10110 3/1		11178/1/6					
Hydric Soil Indicators: Histosol (A1) Histosol (A2) Histic Epipedon (A2) MLRA 149B) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Surface (A11) Sandy Mucky Mineral (B1) Sandy Redox				1011(4/0			- 101	<u> </u>	
Hydric Soil Indicators: Histosol (A1) Histosol (A2) Histic Epipedon (A2) MLRA 149B) Black Histic (A3) Histosol (A4) Stratified Layers (A5) Depleted Below Dark Surface (A11) Sandy Mucky Mineral (B1) Sandy Gleyed Matrix (B4) Sandy Redox (B5) Stripped Matrix (B4) Sandy Redox (B5) Stripped Matrix (B6) Dark Surface (B7) Stripped Matrix (B1)		-							
Histosol (A1)									
Histosol (A1)		-							
Histosol (A1) Polyvalue Below Surface (S8) (LRR R, 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histic Epipedon (A2) MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Black Histic (A3) Thin Dark Surface (S9) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (LRR K, L) Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Loamy Gleyed Matrix (F2) Polyvalue Below Surface (S8) (LRR K, L) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Iron-Manganese Masses (F12) (LRR K, L, Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Piedmont Floodplain Soils (F19) (MLRA 144 Sandy Gleyed Matrix (S4) Redox Depressions (F8) Red Parent Material (F21) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) Hydric Soil Present? Yes Yes No Piedmont (Soil Present? Yes Yes Yes No Piedmont (Soil Present? Yes									
Histosol (A1) Polyvalue Below Surface (S8) (LRR R, 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histic Epipedon (A2) MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Black Histic (A3) Thin Dark Surface (S9) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (LRR K, L) Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Loamy Gleyed Matrix (F2) Polyvalue Below Surface (S8) (LRR K, L) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thin Dark Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Piedmont Floodplain Soils (F19) (MLRA 144 Sandy Gleyed Matrix (S4) Redox Depressions (F8) Redox Depressions (F8) Red Parent Material (F21) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) Depth (inches): Hydric Soil Present? Yes Mo			_						
Histosol (A1) Polyvalue Below Surface (S8) (LRR R, 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histic Epipedon (A2) MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Black Histic (A3) Thin Dark Surface (S9) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (LRR K, L) Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Loamy Gleyed Matrix (F2) Polyvalue Below Surface (S8) (LRR K, L) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thin Dark Surface (S9) (LRR K, L) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Piedmont Floodplain Soils (F19) (MLRA 144 Sandy Gleyed Matrix (S4) Redox Depressions (F8) Redox Depressions (F8) Red Parent Material (F21) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) Depth (inches): Hydric Soil Present? Yes Mo									
Histosol (A1) Polyvalue Below Surface (S8) (LRR R, 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histic Epipedon (A2) MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Black Histic (A3) Thin Dark Surface (S9) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (LRR K, L) Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Loamy Gleyed Matrix (F2) Polyvalue Below Surface (S8) (LRR K, L) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Iron-Manganese Masses (F12) (LRR K, L, Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Piedmont Floodplain Soils (F19) (MLRA 144 Sandy Gleyed Matrix (S4) Redox Depressions (F8) Red Parent Material (F21) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) Hydric Soil Present? Yes Yes No Piedmont (Soil Present? Yes Yes Yes No Piedmont (Soil Present? Yes						_			
Histosol (A1) Polyvalue Below Surface (S8) (LRR R, 2 cm Muck (A10) (LRR K, L, MLRA 149B)			epletion, RN	1=Reduced Matrix,	MS=Maske	d Sand G	rains.		
Depth (inches): No	Black H Hydroge Stratifie Deplete Thick D Sandy N Sandy G Sandy F Stripped Dark Su ndicators cestrictive	distic (A3) en Sulfide (A4) ed Layers (A5) ed Below Dark Surfa eark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) d Matrix (S6) urface (S7) (LRR R ef hydrophytic vege	, MLRA 14 9 tation and w	Thin Dark Su Loamy Mucky Loamy Gleye Depleted Mat Redox Dark S Depleted Dar Redox Depre	rface (S9) (/ Mineral (F d Matrix (F rix (F3) Surface (F6 k Surface (F8) ssions (F8)	F1) (LRR I 2)) F7)	(, L)) 5 cm Mucky Dark Surfac Polyvalue E Thin Dark S Iron-Manga Piedmont F Mesic Spoot Red Parent Very Shallo Other (Expl	Peat or Peat (S3) (LRR K, L, R) (ce (S7) (LRR K, L) (de (S7) (LRR K, L) (de (S9) (MLRA 149) (de (TA6) (MLRA 144A, 145, 149B) (de (Mark Marial (F21) (de (Mark Marial (F21)) (de (Mark Marial (Mark Marial (Marial
2554. (415/155).								Hydric Soil Pres	sent? Yes √ No
emars.		ncnes):						Tryunc 30ii Fres	Sent: 165 NO

Project/Site: GM Lordstown - Parcel 4	City/County: Warren / Trumbull	Sampling Date: 10/17/2019
Applicant/Owner: GM	City/County: Warren / Trumbull State: OF	Sampling Point: DP25
	Section, Township, Range:	
Landform (hillslope, terrace, etc.): Depression	ocal relief (concave, convex, none). Conca	ve Slope (%): 0-2
Subregion (LRR or MLRA): <u>LRR-R; MLRA-139</u> Lat: <u>41.153607</u>	Long: -80.864149	Datum: WGS84
Soil Map Unit Name: Wadsworth silt loam (WbB)	NWI cla	Not Mapped
Are climatic / hydrologic conditions on the site typical for this time of y		
Are Vegetation, Soil, or Hydrology significantly		
Are Vegetation, Soil, or Hydrology naturally pr		·
SUMMARY OF FINDINGS – Attach site map showing	g sampling point locations, trans	ects, important features, etc.
Hydrophytic Vegetation Present? Yes ✓ No	Is the Sampled Area	
Hydric Soil Present? Yes ✓ No		_ V No
Wetland Hydrology Present? Yes No	If yes, optional Wetland Site ID:	
Remarks: (Explain alternative procedures here or in a separate repo	ort.)	
Taken in and near ruts.		
HYDROLOGY		
Wetland Hydrology Indicators:		Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		e Soil Cracks (B6)
✓ Surface Water (A1) Water-Stained		ge Patterns (B10)
High Water Table (A2) Aquatic Fauna		rim Lines (B16)
✓ Saturation (A3) Marl Deposits		ason Water Table (C2)
Water Marks (B1) Hydrogen Sulf		h Burrows (C8)
Sediment Deposits (B2) Oxidized Rhize Drift Deposits (B3) Presence of R		tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1)
		or Stressed Plants (DT)
Algal Mat of Crust (B4) Recent from Recent f		v Aquitard (D3)
Inundation Visible on Aerial Imagery (B7) Other (Explain		ppographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)		eutral Test (D5)
Field Observations:		54H4H . 551 (2-5)
Surface Water Present? Yes _ ✓ No Depth (inches	s): <u>1</u>	
Water Table Present? Yes <u>✓</u> No Depth (inches	s): <u>13</u>	
Saturation Present? Yes No Depth (inches		resent? Yes No
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial phot	ros previous inspections), if available:	
Dodding room and Date (crossin gauge,	56, provided inspection.6,, i	
Remarks:		
Rained last night.		

ampling	Point:	DP25

Tree Stratum (Plot size: 30')	Absolute		Indicator	Dominance Test worksheet:
		Species?	Status	Number of Dominant Species
1			<u>-</u>	That Are OBL, FACW, or FAC: (A)
2				Total Number of Dominant
3				Species Across All Strata: (B)
4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC: (A/B)
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
50% = 20% =	0	= Total Co		OBL species x 1 =0
Sapling/Shrub Stratum (Plot size: 15')		10101 00	VOI	FACW species x 2 =0
		_	_	FAC species x 3 =0
1				FACU species x 4 =0
2			<u>-</u>	UPL species x 5 =0
3				Column Totals: 0 (A) 0 (B)
4			-	
5				Prevalence Index = B/A =
6				Hydrophytic Vegetation Indicators:
7		_	-	✓ 1 - Rapid Test for Hydrophytic Vegetation
50% = 20% =		= Total Co	vor	2 - Dominance Test is >50%
		- 10tal 00	VCI	3 - Prevalence Index is ≤3.0 ¹
Herb Stratum (Plot size: 5' 1. Scirpus cyperinus (Cottongrass Bulrush)	70	YES	OBL	4 - Morphological Adaptations ¹ (Provide supporting
	40	YES	OBL	data in Remarks or on a separate sheet)
2. Juncus effusus (Lamp Rush)				Problematic Hydrophytic Vegetation ¹ (Explain)
3. Carex vulpinoidea (Common Fox Sedge)	20	NO	OBL	¹ Indicators of hydric soil and wetland hydrology must
4. Symphyotrichum racemosum (Fragile-Stem American Aster)	15	NO	FACW	be present, unless disturbed or problematic.
5. Ludwigia alternifolia (Seedbox)	15	NO	OBL	Definitions of Vegetation Strata:
6				
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.
9				
10				Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
11			<u>-</u>	
12				Woody vines – All woody vines greater than 3.28 ft in height.
50% = 20% =	160	= Total Co	ver	noight.
Woody Vine Stratum (Plot size: 15')				
1		_		
2		_	-	
3		_	_	Li salva minuti a
4		_	_	Hydrophytic Vegetation
500/ - 200/ -				Present? Yes <u>√</u> No
50% = 20% = Remarks: (Include photo numbers here or on a separate s		= Total Co	ver	
OBL/FACW: 2 UPL/FACU: 0 Passes FAC-Neutral Test (Secondary Hydrology Ind	ŕ)).		

(inches)	Matrix Color (moist)	%	Color (moist)	ox Feature %	es Type ¹	Loc ²	Texture	Remarks
O - 18	10YR 4/1	80	10YR 4/6	20	C Type	M	SiL	Romains
	1011(4/1		1011(4/0		- —		<u> </u>	
				_	_			
					_			
vpe: C=Ca	oncentration. D=Der	- ——— oletion. RN	l=Reduced Matrix, M	– ——— 1S=Maske	ed Sand G	rains.	² Location: F	PL=Pore Lining, M=Matrix.
	Indicators:		,					r Problematic Hydric Soils ³ :
_ Histosol	(A1)		Polyvalue Beld	ow Surface	e (S8) (LR	R R,	2 cm Mud	ck (A10) (LRR K, L, MLRA 149B)
	oipedon (A2)		MLRA 149E	*				airie Redox (A16) (LRR K, L, R)
_ Black Hi			Thin Dark Surf					cky Peat or Peat (S3) (LRR K, L, R)
	n Sulfide (A4)		Loamy Mucky			(, L)		face (S7) (LRR K, L)
	d Layers (A5) d Below Dark Surfac	re (Δ11)	Loamy Gleyed Depleted Matri		۷)		-	e Below Surface (S8) (LRR K, L) s Surface (S9) (LRR K, L)
	ark Surface (A12)	<i>(</i> (<i>(</i> ()))	Redox Dark S		6)			ganese Masses (F12) (LRR K, L, R)
	lucky Mineral (S1)		Depleted Dark					Floodplain Soils (F19) (MLRA 149E
_ Sandy G	Gleyed Matrix (S4)		Redox Depres	sions (F8))		Mesic Sp	odic (TA6) (MLRA 144A, 145, 149B
-	Redox (S5)							nt Material (F21)
	Matrix (S6)		5)					llow Dark Surface (TF12)
_ Dark Sui	rface (S7) (LRR R, I	MLRA 149	в)				Other (Ex	plain in Remarks)
	f hydrophytic vegeta	ation and w	etland hydrology mu	st be pres	sent. unles	s disturbed	or problematic.	
ndicators of					,,		1	
estrictive L	Layer (if observed)						1	
estrictive L Type: <u>No</u>	Layer (if observed)						Hvdric Soil Pr	esent? Yes ✓ No
estrictive L Type: <u>No</u> Depth (ind	Layer (if observed)		<u> </u>				Hydric Soil Pr	esent? Yes/ No
estrictive L Type: <u>No</u> Depth (ind	Layer (if observed)						Hydric Soil Pr	esent? Yes <u>/</u> No
estrictive L Type: <u>No</u> Depth (ind	Layer (if observed)		<u> </u>				Hydric Soil Pr	esent? Yes/_ No
e strictive L Type: <u>No</u> Depth (ind	Layer (if observed)						Hydric Soil Pr	esent? Yes <u>/</u> No
e strictive L Type: <u>No</u> Depth (ind	Layer (if observed)						Hydric Soil Pr	esent? Yes <u>√</u> No
e strictive L Type: <u>No</u> Depth (ind	Layer (if observed)						Hydric Soil Pr	esent? Yes <u>√</u> No
e strictive L Type: <u>No</u> Depth (ind	Layer (if observed)						Hydric Soil Pr	esent? Yes <u>√</u> No
estrictive L Type: <u>No</u> Depth (ind	Layer (if observed)						Hydric Soil Pr	esent? Yes <u>/</u> No
e strictive L Type: <u>No</u> Depth (ind	Layer (if observed)						Hydric Soil Pr	esent? Yes <u>√</u> No
e strictive L Type: <u>No</u> Depth (ind	Layer (if observed)						Hydric Soil Pr	esent? Yes <u>/</u> No
estrictive L Type: <u>No</u> Depth (inc	Layer (if observed)						Hydric Soil Pr	esent? Yes <u>/</u> No
estrictive L Type: <u>No</u> Depth (inc	Layer (if observed)						Hydric Soil Pr	esent? Yes <u>/</u> No
estrictive L Type: No	Layer (if observed)						Hydric Soil Pr	esent? Yes <u>/</u> No
estrictive L Type: <u>No</u> Depth (inc	Layer (if observed)						Hydric Soil Pr	esent? Yes <u>/</u> No
estrictive L Type: <u>No</u> Depth (inc	Layer (if observed)						Hydric Soil Pr	esent? Yes <u> </u>
estrictive L Type: <u>No</u> Depth (ind	Layer (if observed)						Hydric Soil Pr	esent? Yes <u> </u>
estrictive L Type: <u>No</u> Depth (inc	Layer (if observed)						Hydric Soil Pr	esent? Yes <u> </u>

Project/Site: GM Lordstown - Parcel 4	City/County: Warren / Trumbull Sampling Date: 10/17/	2019
Applicant/Owner: GM	City/County: Warren / Trumbull Sampling Date: 10/17/ State: OH Sampling Point: DP2	26
	Section, Township, Range:	
	real relief (concerve, convey, none). flat Slone (%):	0-1
Cubra sian (IRR as MIRA). LRR-R: MLRA-139 Lat. 41 153247	cal relief (concave, convex, none): flat Slope (%): Long: -80.864151 Datum: WG	 S84
Subregion (LRR or MLRA): Lat: Lat:	Long: Datum: Not Manned	
Soil Map Unit Name: Wadsworth silt loam (WbB)	NWI classification: Not Mapped	
Are climatic / hydrologic conditions on the site typical for this time of year		
Are Vegetation, Soil, or Hydrology significantly	disturbed? Are "Normal Circumstances" present? Yes N	o
Are Vegetation, Soil, or Hydrology naturally pro		
SUMMARY OF FINDINGS – Attach site map showing	sampling point locations, transects, important feature	s, 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:	
HYDROLOGY		
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two req	uired)
Primary Indicators (minimum of one is required; check all that apply)	Surface Soil Cracks (B6)	
Surface Water (A1) Water-Stained		
High Water Table (A2) Aquatic Fauna		
Saturation (A3) Marl Deposits (
Water Marks (B1) Hydrogen Sulfi		
	spheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Re		
	duction in Tilled Soils (C6) Geomorphic Position (D2) ace (C7) Shallow Aquitard (D3)	
Iron Deposits (B5) Thin Muck Surl Inundation Visible on Aerial Imagery (B7) Other (Explain		
Sparsely Vegetated Concave Surface (B8)	Microtopographic relief (54) FAC-Neutral Test (D5)	
Field Observations:		
Surface Water Present? Yes No ✓ Depth (inches	r.	
Water Table Present? Yes No _✓ Depth (inches		
Saturation Present? Yes No ✓ Depth (inches		✓
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photo	s, previous inspections), if available:	
Remarks:		
Rained last night.		

Compli	a D	oint: DP26			
	ig F	omi. <u></u>			
rksheet:					
Species /, or FAC:			(A)		
inant rata:			(B)		
Species /, or FAC:		0.0%	(A/B)		
orksheet:					
<u> </u>	М	ultiply by:	_		
x	1 =	0	_		
x	2 =	0	_		
x	3 =	0	_		
x		_	_		
x		_	_		
0 (A			_ (B)		
ex = B/A =					
tion Indica		:			

<u>Tree Stratum</u> (Plot size: 30')	Absolute	Dominant Species?		Dominance Test worksheet:	
		-	- Status	Number of Dominant Species	(4)
1				That Are OBL, FACW, or FAC:	(A)
2				Total Number of Dominant Species Across All Strata:	(B)
3				Species Across All Strata:	(D)
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 0.0%	(A/B)
5					(,,,,
6				Prevalence Index worksheet:	
7	0			Total % Cover of: Multiply by:	_
50% = 20% =		= Total Cov	/er	OBL species x 1 =0	_
Sapling/Shrub Stratum (Plot size: 15')				racvi species xz =	_
1				FAC species x 3 = 0 FACU species x 4 = 0	_
2				UPL species x 5 =0	_
3					- _ (B)
4					- ` ,
5				Prevalence Index = B/A =	_
6				Hydrophytic Vegetation Indicators:	
7				✓ 1 - Rapid Test for Hydrophytic Vegetation	
50% = 20% =	0	= Total Cov	ver	2 - Dominance Test is >50%	
Herb Stratum (Plot size: 5')				3 - Prevalence Index is ≤3.0 ¹	
1. Phalaris arundinacea (Reed Canary Grass)	35	YES	FACW	 4 - Morphological Adaptations¹ (Provide supported at a in Remarks or on a separate sheet) 	oorting
Juncus effusus (Lamp Rush)	30	YES	OBL	Problematic Hydrophytic Vegetation ¹ (Explain	า)
3. Rosa multiflora (Ramber Rose)	20	NO	FACU		
Symphyotrichum racemosum (Fragile-Stem American Aster)	15	NO	FACW	¹ Indicators of hydric soil and wetland hydrology m be present, unless disturbed or problematic.	nust
5. Doellingeria umbellata (Parasol White-Top)	5	NO	FACW		
6. Scirpus cyperinus (Cottongrass Bulrush)	3	NO	OBL	Definitions of Vegetation Strata:	
•••		_		Tree – Woody plants 3 in. (7.6 cm) or more in dia	meter
7				at breast height (DBH), regardless of height.	
8				Sapling/shrub – Woody plants less than 3 in. DE and greater than or equal to 3.28 ft (1 m) tall.	3H
9				and greater than or equal to 3.26 it (1 iii) tall.	
10				Herb – All herbaceous (non-woody) plants, regar of size, and woody plants less than 3.28 ft tall.	dless
11					
12				Woody vines – All woody vines greater than 3.28 height.	3 ft in
50% = 20% =	108	= Total Cov	ver .	1.019.111	
Woody Vine Stratum (Plot size: 15')					
1					
2					
3			-	Hydrophytic	
4				Vegetation	
50% = 20% =	0	= Total Cov	ver	Present? Yes No	
Remarks: (Include photo numbers here or on a separate s				1	
OBL/FACW: 2					

UPL/FACU: 0

Passes FAC-Neutral Test (Secondary Hydrology Indicator [D5]).

Sampling	Doint	DP26
Samniina	POINT.	

(inches) 0 - 16 16-18	Color (moist) 10YR 4/3	U/		dox Featur		. 2	T	D
	101174/3	<u>%</u> 100	Color (moist)	<u>%</u> 20	Type C	Loc² M	Texture SiL	Remarks
16-18 								
	10YR 4/2		10YR 4/6	20	_ <u>C</u>	_ <u>M</u>	SiL	
 Type: C=0	- ————————————————————————————————————	— ——— epletion, RM	======================================	— ——— MS=Maske	– —— ed Sand (Grains.	² Location: PL	=Pore Lining, M=Matrix.
Histoso Histic E Black F Hydrog Stratifie Deplete Thick D Sandy Sandy Sandy Strippe Dark St	Indicators: ol (A1) Epipedon (A2) Histic (A3) Hen Sulfide (A4) Hed Layers (A5) Hed Below Dark Surface Hoark Surface (A12) Hucky Mineral (S1) Hucky Mineral (S4) Hedox (S5) Hed Matrix (S6) Hedox (S7) (LRR R) Hedor (LRR R)	, MLRA 149		B) rface (S9) y Mineral (I d Matrix (F rrix (F3) Surface (F6 k Surface (F8 ssions (F8	(LRR R, F1) (LRR F2) 6) (F7)	MLRA 149B) K, L)	2 cm Muck Coast Prair 5 cm Mucky Dark Surface Polyvalue E Thin Dark S Iron-Manga Piedmont F Mesic Spool Red Parent Very Shallo Other (Expl	Problematic Hydric Soils ³ : (A10) (LRR K, L, MLRA 149B) ie Redox (A16) (LRR K, L, R) y Peat or Peat (S3) (LRR K, L, R) ce (S7) (LRR K, L) Selow Surface (S8) (LRR K, L) Surface (S9) (LRR K, L) nese Masses (F12) (LRR K, L, R) cloodplain Soils (F19) (MLRA 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
	Layer (if observed							
Type: N	lone							
Depth (ir	nches):						Hydric Soil Pres	sent? Yes No _ ✓

Project/Site: GM Lordstown	- Parcel 4	Cit	ty/County: War	ren / Trumbull	Sampling Date: 10/17/2019
Applicant/Owner: GM				State: OH	Sampling Date: 10/17/2019 Sampling Point: DP27
Investigator(s): GK, MH				, Range:	
	c.): depression	Local	relief (concave,	convex, none): concave	Slope (%): <u>2-3</u>
Subregion (LRR or MLRA): LF	R-R; MLRA-139	Lat: 41.151982		Long: -80.863514	
Soil Map Unit Name: Wadswo	orth silt loam (Wt	bB)		NWI classi	fication. Not Mapped
Are climatic / hydrologic conditi					
					" present? Yes No
Are Vegetation, Soil				(If needed, explain any ansv	·
SUMMARY OF FINDING	S – Attach si	te map showing s	ampling poi	nt locations, transect	ts, important features, etc.
Hydrophytic Vegetation Prese	ent? Yes _	✓ No	Is the Sam	pled Area	/
Hydric Soil Present?		✓ No	within a W	etland? Yes	No
Wetland Hydrology Present?	Yes	✓ No		onal Wetland Site ID:	
Remarks: (Explain alternative	•	or in a separate report.)			
Point taken near old road b	ed.				
HYDROLOGY					
Wetland Hydrology Indicate	ors:			Secondary Indi	cators (minimum of two required)
Primary Indicators (minimum	of one is required;	check all that apply)		Surface Sc	oil Cracks (B6)
Surface Water (A1)		Water-Stained Lea	aves (B9)	Drainage F	Patterns (B10)
High Water Table (A2)		Aquatic Fauna (B		Moss Trim	Lines (B16)
Saturation (A3)		Marl Deposits (B1	5)	Dry-Seaso	n Water Table (C2)
Water Marks (B1)		Hydrogen Sulfide	Odor (C1)	Crayfish B	urrows (C8)
Sediment Deposits (B2)		Oxidized Rhizospl	heres on Living	Roots (C3) Saturation	Visible on Aerial Imagery (C9)
Drift Deposits (B3)		Presence of Redu	iced Iron (C4)		Stressed Plants (D1)
Algal Mat or Crust (B4)		Recent Iron Redu	ction in Tilled So		ic Position (D2)
Iron Deposits (B5)		Thin Muck Surface			quitard (D3)
Inundation Visible on Aer		Other (Explain in I	Remarks)		graphic Relief (D4)
Sparsely Vegetated Cond	cave Surface (B8)			_/_ FAC-Neutr	ral Test (D5)
Field Observations:					
Surface Water Present?	· · · · · · · · · · · · · · · · · · ·	Depth (inches): _			
Water Table Present?		Depth (inches):		Neverthern de Hendrich aus Dunce.	10 V / No
Saturation Present? (includes capillary fringe)	Yes No _	Depth (inches): _		Wetland Hydrology Pres	ent? Yes <u>√</u> No
Describe Recorded Data (stre	eam gauge, monitor	ring well, aerial photos,	previous inspec	tions), if available:	
Remarks:					
Nomano.					

Sampling Point:	DP27	

Tree Stratum (Plot size: 30')	Absolute		nt Indicator	Dominance Test worksheet:
			? Status	Number of Dominant Species
1				That Are OBL, FACW, or FAC: (A)
2			<u> </u>	Total Number of Dominant
3				Species Across All Strata: (B)
4				Percent of Dominant Species That Are ORL FACW or FAC: 0.0% (A/R)
5				That Are OBL, FACW, or FAC: 0.0% (A/B)
6		_		Prevalence Index worksheet:
7		_		Total % Cover of: Multiply by:
50% = 20% =	^	= Total Co		OBL species x 1 =0
Sapling/Shrub Stratum (Plot size: 15')				FACW species x 2 =0
1		_	_	FAC species x 3 =0
				FACU species x 4 =0
2.				UPL species x 5 =0
3				Column Totals: (A) (B)
4				Prevalence Index = B/A =
5				Prevalence index – B/A –
6				Hydrophytic Vegetation Indicators:
7				✓ 1 - Rapid Test for Hydrophytic Vegetation
50% = 20% =	0	= Total Co	over	2 - Dominance Test is >50%
Herb Stratum (Plot size: 5')				3 - Prevalence Index is ≤3.0 ¹
Typha angustifolia (Narrowleaf Cattail)	25	YES	FACW	4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
Phalaris arundinacea (Reed Canary Grass)	25	YES	FACW	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Phragmites australis (Common Reed)	15	NO	FACW	
Symphyotrichum racemosum (Fragile-Stem American-Aster)	10	NO	FAC	¹ Indicators of hydric soil and wetland hydrology must
5. Solidago rugosa (Wrinkle-Leaf Goldenrod)	10	NO	FAC	be present, unless disturbed or problematic.
				Definitions of Vegetation Strata:
6. Juncus effusus (Lamp Rush)	10	NO	OBL	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
11		_		of size, and woody plants less than 3.28 ft tall.
12.		_	-	Woody vines – All woody vines greater than 3.28 ft in
50% = 20% =	95	= Total C	nver	height.
Woody Vine Stratum (Plot size: 15')		- Total O	3461	
		_	_	
1				
2				
3				Hydrophytic
4				Vegetation Present? Yes ✓ No
50% = 20% =	0	= Total Co	over	
Remarks: (Include photo numbers here or on a separate s OBL/FACW: 2 UPL/FACU: 0 Passes FAC-Neutral Test (Secondary Hydrology Ind]).		

Depth (inches)	Matrix Color (moist)	%	Color (moist)	ox Featur %	Type ¹	Loc ²	Texture	Remarks
) - 5	10YR 4/2	97	10YR 4/4	3	C	 M	SiL	remano
i - 18	10YR 5/2	90	10YR 5/6	10	_ <u></u>	_ <u>M</u>	SiL	
7-10	1011\\ 3/2	_ = ====	10110 3/0				<u> </u>	
			_					
		_	-	_				
	-				_			
					_			
		_			_			
	-		_		_			
ype: C=C	Concentration, D=De	epletion, RN	M=Reduced Matrix, N	– —— ∕IS=Maske	ed Sand G	rains.	² Location: P	L=Pore Lining, M=Matrix.
ydric Soil	Indicators:							Problematic Hydric Soils ³ :
_ Histoso			Polyvalue Bel		e (S8) (LF	RR R,		(A10) (LRR K, L, MLRA 149B)
	pipedon (A2)		MLRA 1498	,				irie Redox (A16) (LRR K, L, R)
	listic (A3) en Sulfide (A4)		Thin Dark Sur Loamy Mucky					ky Peat or Peat (S3) (LRR K, L, R) ace (S7) (LRR K, L)
	ed Layers (A5)		Loamy Gleyed			(, ∟)		Below Surface (S8) (LRR K, L)
	ed Below Dark Surfa	ace (A11)	✓ Depleted Matr		,		-	Surface (S9) (LRR K, L)
	ark Surface (A12)		Redox Dark S				-	anese Masses (F12) (LRR K, L, R)
	Mucky Mineral (S1)		Depleted Dark					Floodplain Soils (F19) (MLRA 149E
	Gleyed Matrix (S4) Redox (S5)		Redox Depres	SIONS (FO)			odic (TA6) (MLRA 144A, 145, 149B nt Material (F21)
-	d Matrix (S6)							ow Dark Surface (TF12)
	urface (S7) (LRR R ,	, MLRA 149	9B)					olain in Remarks)
					, ,			
	of nydropnytic veget		wetland hydrology mu	ust be pres	sent, unie	ss disturbed	or problematic.	
Type: N		4).						
			<u></u>				Hydric Soil Pre	esent? Yes <u></u> No
Depth (in	ncnes):		<u></u>				Trydric 30ii Fre	sent: Tes No
emarks:								

Project/Site: GM Lordstown - Parcel 4	City/County: W	Sampling Date: 10/15/2019			
Applicant/Owner: GM	City/County: W	Sampling Point: DP28			
	Section, Townsl				
Landform (hillslope, terrace, etc.): Depression			Slope (%): 0-2		
Subregion (LRR or MLRA): LRR-R; MLRA-139 Lat	41.151065	Long: -80.861345	Datum: WGS84		
Soil Map Unit Name: Wadsworth silt loam (WbA)		NWI classifi	cation: Not Mapped		
Are climatic / hydrologic conditions on the site typical f		No (If no, explain in F	Remarks.)		
Are Vegetation $\underline{\hspace{1cm}\checkmark\hspace{1cm}}$, Soil $\underline{\hspace{1cm}\checkmark\hspace{1cm}}$, or Hydrology $\underline{\hspace{1cm}\checkmark\hspace{1cm}}$	significantly disturbed?	Are "Normal Circumstances"	present? Yes _ V No		
Are Vegetation, Soil, or Hydrology					
SUMMARY OF FINDINGS - Attach site n	nap showing sampling p	oint locations, transects	s, important features, etc.		
Hydrophytic Vegetation Present? Yes _ ✓	No Is the Sa	mpled Area			
Hydric Soil Present? Yes	110	Wetland? Yes <u>√</u>	No		
		tional Wetland Site ID:			
Remarks: (Explain alternative procedures here or in	a separate report.)				
HYDROLOGY					
Wetland Hydrology Indicators:		Secondary Indic	ators (minimum of two required)		
Primary Indicators (minimum of one is required; chec	ck all that apply)	Surface Soil			
	Water-Stained Leaves (B9)	Drainage Patterns (B10)			
High Water Table (A2)	Moss Trim L				
	Marl Deposits (B15)		Water Table (C2)		
	Hydrogen Sulfide Odor (C1)	Crayfish Bui			
	Oxidized Rhizospheres on Livin		/isible on Aerial Imagery (C9)		
Drift Deposits (B3)	Presence of Reduced Iron (C4)	Stunted or S	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 Aqu			
Inundation Visible on Aerial Imagery (B7)	Other (Explain in Remarks)	emarks) Microtopographic Relief (D4)			
Sparsely Vegetated Concave Surface (B8)		FAC-Neutra	l Test (D5)		
Field Observations:					
	_ Depth (inches):				
Water Table Present? Yes No✓ Saturation Present? Yes✓ No	Depth (inches):	- Wetland Hydrology Prese	nto Vac / No		
(includes capillary fringe)			nt? res No		
Describe Recorded Data (stream gauge, monitoring	well, aerial photos, previous insp	ections), if available:			
Remarks:					
Recharge observed from the surface raining.					
_					

30'	Absolute		t Indicator	Dominance Test worksheet:		
<u>Tree Stratum</u> (Plot size: 30')			Status	Number of Dominant Species		
1		-		That Are OBL, FACW, or FAC:3 (A)		
2				Total Number of Dominant		
3				Species Across All Strata:5 (B)		
4				Percent of Dominant Species		
5				That Are OBL, FACW, or FAC: 60.0% (A/B)		
6				Prevalence Index worksheet:		
7				Total % Cover of: Multiply by:		
50% = 20% =	^	= Total Co	over	OBL species x 1 =0		
Sapling/Shrub Stratum (Plot size: 15')				FACW species x 2 =0		
1 Rosa multiflora (Rambler Rose)	15	YES	FACU	FAC species x 3 =0		
Populus tremuloides (Quaking Aspen)	8	YES	FACU	FACU species x 4 =0		
Acer rubrum (Red Maple)	5	NO	FAC	UPL species x 5 =0		
··-	· -			Column Totals:0 (A)(B)		
4				Drawalanca Inday - D/A -		
5				Prevalence Index = B/A =		
6				Hydrophytic Vegetation Indicators:		
7				1 - Rapid Test for Hydrophytic Vegetation		
50% = 20% =	28	= Total Co	over	✓ 2 - Dominance Test is >50%		
Herb Stratum (Plot size: 5'	<u> </u>			3 - Prevalence Index is ≤3.0 ¹		
1. Juncus effusus (Lamp Rush)	45	YES	OBL	4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)		
2. Solidago rugosa (Wrinkle-Leaf Goldenrod)	25	YES	FAC	Problematic Hydrophytic Vegetation¹ (Explain)		
3. Symphyotrichum racemosum (Fragile-Stem American-Aster)	25	YES	FACW			
Carex vulpinoidea (Common Fox Sedge)	15	NO	OBL	¹ Indicators of hydric soil and wetland hydrology must		
Toxicodendron radicans (Eastern Poison-Ivy)	15	NO	FAC	be present, unless disturbed or problematic.		
51	5		FACW	Definitions of Vegetation Strata:		
6. Phalaris arundinacea (Reed Canary Grass)		NO	- 	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		
11				of size, and woody plants less than 3.28 ft tall.		
12.		_	-	Woody vines – All woody vines greater than 3.28 ft in		
50% = 20% =	130	= Total Co	- ——	height.		
Woody Vine Stratum (Plot size: 15')		- 10101 00	7701			
		_	_			
1						
2						
3	·			Hydrophytic		
4				Vegetation Present? Yes No		
50% = 20% =		= Total Co	over			
Remarks: (Include photo numbers here or on a separate s OBL/FACW: 2 UPL/FACU: 2 Does not pass FAC-Neutral Test (Secondary Hydrology)	·	itor [D5]).				

SOIL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features Loc² Color (moist) Color (moist) Type¹ Texture (inches) 0 - 510YR 3/2 96 10YR 4/4 4 C M SiL 5-15 10YR 4/1 95 10YR 4/4 5 С Μ SiL 92 8 C 15-18 10YR 4/1 10YR 4/6 M SiL ¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. ²Location: PL=Pore Lining, M=Matrix. **Hydric Soil Indicators:** Indicators for Problematic Hydric Soils³: ___ Histosol (A1) Polyvalue Below Surface (S8) (LRR R, ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**) ___ Histic Epipedon (A2) MLRA 149B) ___ Coast Prairie Redox (A16) (LRR K, L, R) ___ Black Histic (A3) Thin Dark Surface (S9) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) _ Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (LRR K, L) ___ Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Loamy Gleyed Matrix (F2) Polyvalue Below Surface (S8) (LRR K, L) Depleted Below Dark Surface (A11) ✓ Depleted Matrix (F3) _ Thin Dark Surface (S9) (LRR K, L) ___ Redox Dark Surface (F6) Iron-Manganese Masses (F12) (LRR K, L, R) 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) ___ Other (Explain in Remarks) ³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if observed): Type: None Hydric Soil Present? Yes _____ Depth (inches): _ Remarks:

Project/Site: GM Lordstown - Parcel	City/C	County: Warren / Trumbull	Sampling Date: 10/21/2019			
Applicant/Owner: GM		State: OH	Sampling Point: DP29			
Investigator(s): GK, MH		on, Township, Range:				
Landform (hillslope, terrace, etc.): Flat		ief (concave, convex, none): None				
Subregion (LRR or MLRA): LRR-R; ML	 LRA-139 _{Lat:} 41.151910	Long: -80.858015	Datum: WGS84			
Soil Map Unit Name: Wadsworth silt I	loam (WbB)	NWI classif	fication: Not Mapped			
Are climatic / hydrologic conditions on the	ne site typical for this time of year? Y	ves _ ✓ No (If no, explain in	Remarks.)			
		bed? Are "Normal Circumstances"				
Are Vegetation, Soil, or I						
SUMMARY OF FINDINGS - A	ttach site map showing sam	npling point locations, transect	s, 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?		If yes, optional Wetland Site ID:				
Remarks: (Explain alternative procedu	ures here or in a separate report.)					
HYDROLOGY						
Wetland Hydrology Indicators:		Secondary India	cators (minimum of two required)			
Primary Indicators (minimum of one is	required; check all that apply)	Surface So	il Cracks (B6)			
Surface Water (A1)	Water-Stained Leave		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					
Sediment Deposits (B2)	Oxidized Rhizosphere		Visible on Aerial Imagery (C9)			
Drift Deposits (B3)	Presence of Reduced	· · ·	Stressed Plants (D1)			
Algal Mat or Crust (B4)	Recent Iron Reductio		ic Position (D2)			
Iron Deposits (B5)	Thin Muck Surface (C		Shallow Aquitard (D3)			
Inundation Visible on Aerial Image			raphic Relief (D4)			
Sparsely Vegetated Concave Surf	ace (B8)	FAC-Neutra	al Test (D5)			
Field Observations: Surface Water Present? Yes	No _ ✓ Depth (inches):					
	No ✓ Depth (inches):					
	No _ ✓ Depth (inches):		ent? Yes No ✓			
(includes capillary fringe)						
Describe Recorded Data (stream gaug	je, monitoring well, aerial photos, pre	vious inspections), if available:				
Remarks:						

30'	Absolute		t Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30')			Status_	Number of Dominant Species
1		-		That Are OBL, FACW, or FAC:3 (A)
2				Total Number of Dominant
3				Species Across All Strata:4 (B)
4		_		Percent of Dominant Species
5			-	That Are OBL, FACW, or FAC: 75.0% (A/B)
6.			-	
				Prevalence Index worksheet:
7	^			Total % Cover of: Multiply by:
		= Total Co	over	OBL species x 1 =0
Sapling/Shrub Stratum (Plot size: 15')	4.5			FAC species x 2 =0
1. Cornus amomum (Silky Dogwood)	_ 15	YES	FACW	FAC species
2. Rosa multiflora (Rambler Rose)	15	YES	FACU	1 ACO species X 4
3		_		OPL species
4			-	Column Totals: (A) (B)
5				Prevalence Index = B/A =
				Hydrophytic Vegetation Indicators:
6				1 - Rapid Test for Hydrophytic Vegetation
7				✓ 2 - Dominance Test is >50%
50% = 20% =	30	= Total Co	over	3 - Prevalence Index is ≤3.0 ¹
Herb Stratum (Plot size: 5')				4 - Morphological Adaptations ¹ (Provide supporting
1. Phalaris arundinacea (Reed Canary Grass)	90	YES	FACW	data in Remarks or on a separate sheet)
2 Solidago rugosa (Wrinkle-Leaf Goldenrod)	10	YES	FAC	Problematic Hydrophytic Vegetation ¹ (Explain)
		_		
3				¹ 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.
50% = 20% =	100	= Total Co	over	
Woody Vine Stratum (Plot size: 15')				
1			-	
2		-	-	
3.		-	-	Hydrophytic
4		_		Vegetation
50% = 20% =				Present? Yes No
=======================================		= Total Co	over	
Remarks: (Include photo numbers here or on a separate OBL/FACW: 2	sneet.)			
UPL/FACU: 1				
Passes FAC-Neutral Test (Secondary Hydrology Inc	licator [D5]).		

Sampling Point: DP29

SOIL

- 4 - 18	Color (moist) 10YR 3/2 10YR 3/2	100 99	Color (moist) 10YR 3/3	- <u> </u>	Type ¹ C	Loc ²	SiL SiL	Remarks
			10YR 3/3	1	С	M		
- 10	10113/2	_ 99 	10113/3			IVI	SIL	
		_						
ype: C=Co		pletion, RM		S=Maske	d Sand Gi	rains.		=Pore Lining, M=Matrix.
Black His Hydroger Stratified Depleted Thick Dar Sandy Mr Sandy Gl Sandy Re Stripped Dark Surf	stic (A3) In Sulfide (A4) Layers (A5) I Below Dark Surfark Surface (A12) ucky Mineral (S1) leyed Matrix (S4) edox (S5) Matrix (S6) face (S7) (LRR R,	MLRA 149	Polyvalue Belo MLRA 149B Thin Dark Surfa Loamy Mucky I Loamy Gleyed Depleted Matrix Redox Dark Su Depleted Dark Redox Depress B)) ace (S9) (Mineral (F Matrix (F3) x (F3) urface (F6 Surface (F8)	LRR R, M (1) (LRR K 2)) F7)	LRA 149B	Coast Prairi 5 cm Mucky Dark Surfac Polyvalue B Thin Dark S Iron-Mangar Piedmont FI Mesic Spod Red Parent Very Shallor Other (Explain	(A10) (LRR K, L, MLRA 149B) e Redox (A16) (LRR K, L, R) Peat or Peat (S3) (LRR K, L, R) e (S7) (LRR K, L) elow Surface (S8) (LRR K, L) urface (S9) (LRR K, L) nese Masses (F12) (LRR K, L, R) loodplain Soils (F19) (MLRA 149B) ic (TA6) (MLRA 144A, 145, 149B) Material (F21) w Dark Surface (TF12) ain in Remarks)
	ayer (if observed) :						
Type: Nor	ne							
Depth (inc	:hes):						Hydric Soil Pres	ent? Yes No <u></u> √

Project/Site: GM Lordstown - Parcel 4		City/County: Warr	en / Trumbull	Sampling Date: 10/21/2019
Applicant/Owner: GM			State: OH	Sampling Date: 10/21/2019 Sampling Point: DP30
Investigator(s): GK, MH				
Landform (hillslope, terrace, etc.): Depre	ssion L	ocal relief (concave,	convex, none): Concave	Slope (%): 0-2
Subregion (LRR or MLRA): LRR-R; MLF	RA-139 Lat. 41.151735	0001101101 (22112212)	-80.858785	Datum: WGS84
Soil Map Unit Name: Wadsworth silt lo			NWI classifi	Section: Not Mapped
Are climatic / hydrologic conditions on the				
Are Vegetation				
Are Vegetation, Soil, or Hy			If needed, explain any answ	•
SUMMARY OF FINDINGS – Atta	ach site map showin	g sampling poi	nt locations, transects	s, important features, etc.
Hydrophytic Vegetation Present?	Yes ✓ No	Is the Samı	pled Area	
Hydric Soil Present?	Yes ✓ No		etland? Yes	No
Wetland Hydrology Present?	Yes No	_ If yes, option	nal Wetland Site ID:	
Remarks: (Explain alternative procedure	es here or in a separate rep	ort.)		
HYDROLOGY				
Wetland Hydrology Indicators:			Secondary Indic	ators (minimum of two required)
Primary Indicators (minimum of one is re	quired; check all that apply)		l Cracks (B6)
Surface Water (A1)	Water-Stained	d Leaves (B9)	✓ Drainage Pa	atterns (B10)
High Water Table (A2)	Aquatic Fauna		Moss Trim I	
✓ Saturation (A3)	Marl Deposits	(B15)	Dry-Season	Water Table (C2)
Water Marks (B1)	Hydrogen Sul	fide Odor (C1)	Crayfish Bu	rrows (C8)
Sediment Deposits (B2)		cospheres on Living F	Roots (C3) Saturation \	/isible on Aerial Imagery (C9)
Drift Deposits (B3)	Presence of F	, ,		Stressed Plants (D1)
Algal Mat or Crust (B4)	Recent Iron R	Reduction in Tilled So	· · · —	
Iron Deposits (B5)	Thin Muck Su		Shallow Aqu	
Inundation Visible on Aerial Imagery		n in Remarks)		raphic Relief (D4)
Sparsely Vegetated Concave Surface	ce (B8)		<u>✓</u> FAC-Neutra	al Test (D5)
Field Observations:				
1	No✓ Depth (inche			
	No✓ Depth (inche		Wetlevel Hedualana Ducce	
(includes capillary fringe)	No Depth (inche		Wetland Hydrology Prese	nt? Yes No
Describe Recorded Data (stream gauge,	monitoring well, aerial pho	tos, previous inspect	ions), if available:	
Remarks:				

	Absolute	Dominant	Indicator	5
<u>Tree Stratum</u> (Plot size: <u>30'</u>)		Species?		Dominance Test worksheet: Number of Dominant Species
1				That Are OBL, FACW, or FAC:3 (A)
2				Total Number of Dominant
3				Species Across All Strata: 3 (B)
4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC: 100.0% (A/B)
6			_	Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
50% = 20% =	0	= Total Co	ver	OBL species x 1 =0
Sapling/Shrub Stratum (Plot size: 15')				FACW species x 2 =0
1. Cornus amomum (Silky Dogwood)	35	YES	FACW	FAC species x 3 =0
2. Quercus palustris (Pin Oak)	5	NO	FACW	FACU species x 4 =0
3		-	-	UPL species $x = 5 = 0$
4		_	_	Column Totals:0 (A) (B)
5			-	Prevalence Index = B/A =
6		-	-	Hydrophytic Vegetation Indicators:
7		-	_	1 - Rapid Test for Hydrophytic Vegetation
50% = 20% =	40	= Total Co		✓ 2 - Dominance Test is >50%
Herb Stratum (Plot size: 5')		- Total Co	VCI	3 - Prevalence Index is ≤3.0 ¹
1_ Juncus effusus (Lamp Rush)	55	YES	OBL	4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
2 Solidago rugosa (Wrinkle-Leaf Goldenrod)	25	YES	FAC	Problematic Hydrophytic Vegetation ¹ (Explain)
Scirpus cyperinus (Cottongrass Bulrush)	15	NO	OBL	
4. Typha latifolia (Broad-Leaf Cat-Tail)	10	NO	OBL	¹ Indicators of hydric soil and wetland hydrology must
5. Agrimonia parviflora (Harvestlice)	10	NO	FAC	be present, unless disturbed or problematic.
6. Eupatorium perfoliatum (Common Boneset)	10	NO	FACW	Definitions of Vegetation Strata:
Geum canadense (White Avens)	10	NO	FAC	Tree – Woody plants 3 in. (7.6 cm) or more in diameter
Symphyotrichum racemosum (Fragile-Stem American-Aster)		NO	FACW	at breast height (DBH), regardless of height.
8	5	NO	FACU	Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
·· <u> </u>				
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 50% = 20% =	145			height.
		= Total Co	ver	
Woody Vine Stratum (Plot size: 15')				
1				
2				
3				Hydrophytic Vegetation
4				Present? Yes No
50% = 20% =		= Total Co	ver	
Remarks: (Include photo numbers here or on a separate s				

OBL/FACW: 2 UPL/FACU: 0

Passes FAC-Neutral Test (Secondary Hydrology Indicator [D5]).

SOIL

Sampling Point: Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features Loc² Color (moist) Color (moist) Type¹ Texture (inches) 0 - 310YR 3/2 100 SiL 3 - 1110YR 4/2 96 10YR 4/6 4 С PL SiL 29 11 - 18 10YR 4/2 60 10YR 5/2 D M SiL С 10YR 4/6 11 Μ ¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. ²Location: PL=Pore Lining, M=Matrix. **Hydric Soil Indicators:** Indicators for Problematic Hydric Soils³: ___ Histosol (A1) Polyvalue Below Surface (S8) (LRR R, ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**) ___ Histic Epipedon (A2) MLRA 149B) ___ Coast Prairie Redox (A16) (LRR K, L, R) ___ Black Histic (A3) Thin Dark Surface (S9) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) _ Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (LRR K, L) ___ Dark Surface (S7) (LRR K, L) Stratified Layers (A5) Loamy Gleyed Matrix (F2) Polyvalue Below Surface (S8) (LRR K, L) Depleted Below Dark Surface (A11) ✓ Depleted Matrix (F3) _ Thin Dark Surface (S9) (LRR K, L) ___ Redox Dark Surface (F6) Iron-Manganese Masses (F12) (LRR K, L, R) 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) ___ Other (Explain in Remarks) ³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if observed): Type: None Hydric Soil Present? Yes _____ Depth (inches): _ Remarks:

Project/Site: GM Lordstown	- Parcel 4		City/Co	ounty: Warr	en / Trumbull	S	ampling Date:	10/21/2019
Applicant/Owner: GM			City/Co		St	tate: OH	Sampling Point	t: DP31
Investigator(s): GK, MH			Sectio				1 3	
Landform (hillslope, terrace, et	c.): Depression		Local relie	ef (concave.	convex. none):	Concave	Slop	e (%): 0-2
Subregion (LRR or MLRA): LF	RR-R; MLRA-139) _{Lat} . 41.1	51899	0. (00.1100.10)	Long: -80.863	3805	Datum	. WGS84
Soil Map Unit Name: Wadsw	orth silt loam (V	_ Lat /bB)			Long.	NWI classificati	on: Not Mapp	ed
Are climatic / hydrologic condit								
			-					/ Na
Are Vegetation, Soil								NO
Are Vegetation, Soil					•	ain any answers		
SUMMARY OF FINDING	S – Attach s	ite map s	howing sam	pling poir	nt locations,	, transects, i	mportant fe	atures, etc.
Hydrophytic Vegetation Prese	ent? Yes	No	√	Is the Samp	pled Area		/	
Hydric Soil Present?	Yes_	No		within a We	etland?	Yes	No	
Wetland Hydrology Present?	Yes_	No		If yes, option	nal Wetland Site	e ID:		
Remarks: (Explain alternative		or in a sepa						
Point taken near old road be	ed.							
HYDROLOGY	_				_	_	_	_
Wetland Hydrology Indicate	ors:				Sec	condary Indicator	rs (minimum of t	wo required)
Primary Indicators (minimum	of one is required	; check all th	at apply)			Surface Soil Cr	acks (B6)	
Surface Water (A1)			r-Stained Leaves	s (B9)	_	Drainage Patte	rns (B10)	
High Water Table (A2)			tic Fauna (B13)		_	Moss Trim Line		
Saturation (A3)			Deposits (B15)		Dry-Season Water Table (C2)			
Water Marks (B1)			ogen Sulfide Odd			Crayfish Burrov		
Sediment Deposits (B2)			zed Rhizosphere	_	Roots (C3)		ole on Aerial Ima	
Drift Deposits (B3)			ence of Reduced				ssed Plants (D1)
Algal Mat or Crust (B4)			nt Iron Reduction		ils (C6)	Geomorphic Po		
Iron Deposits (B5) Inundation Visible on Aei	rial Imageny (R7)		Muck Surface (C · (Explain in Rem		_	Shallow Aquita		
Sparsely Vegetated Con-			(Exhigin in ven	laiks)	_	Microtopograph FAC-Neutral Te		
Field Observations:	Jave Guriace (BC)					FAU-INGULIAL TO	55t (DJ)	
Surface Water Present?	Yes No	√ Dept	:h (inches):					
Water Table Present?	·		:h (inches):					
Saturation Present?			:h (inches):		Wetland Hydr	ology Present?	Yes	No <u> </u>
(includes capillary fringe) Describe Recorded Data (stre					:> if availabl			
Describe Recorded Data (Sire	am gauge, monic	oring weii, ac	eriai priotos, prev	VIOUS INSPECT	10hs), it avallabi	e:		
Remarks:								

Tree Stratum (Plot size: 30')	Absolute		t Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 55 Acer rubrum (Red Maple)	<u>% Cover</u>	Species' YES	Status FAC	Number of Dominant Species
				That Are OBL, FACW, or FAC:3 (A)
2				Total Number of Dominant
3				Species Across All Strata: (B)
4				Percent of Dominant Species That Are OBL FACW or FAC 50.0% (A/B)
5				That Are OBL, FACW, or FAC: (A/B)
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
50% = 20% =	45	= Total Co	over	OBL species <u>10</u> x 1 = <u>10</u>
Sapling/Shrub Stratum (Plot size: 15')				FACW species <u>35</u> x 2 = <u>70</u>
1. Rosa multiflora (Rambler Rose)	40	YES	FACU	FAC species 90 $\times 3 = 270$
Frangula alnus (Glossy False Buckthorn)	25	YES	FAC	FACU species 75 x 4 = 300
3.		_	-	UPL species 30 x 5 = 150
				Column Totals:(A)(B)
4				Prevalence Index = B/A = 3.33
5				
6				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50%
50% = 20% =	65	= Total Co	over	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size: 5')				4 - Morphological Adaptations ¹ (Provide supporting
1. Rosa multiflora (Rambler Rose)	35	YES	FACU	data in Remarks or on a separate sheet)
2. Symphyotrichum racemosum (Fragile-Stem American-Aster)	25	YES	FACW	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Fragaria vesca (Woodland Strawberry)	25	YES	UPL	
Toxicodendron radicans (Eastern Poison Ivy)	20	NO	FAC	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5. Onoclea sensibilis (Sensitive Fern)	10	NO	FACW	
6. Carex vulpinoidea (Common Fox Sedge)	10	NO	OBL	Definitions of Vegetation Strata:
Daucus carota (Queen Anne's-Lace)	5	NO	UPL	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
9				and greater than or equal to 3.28 ft (1 m) tall.
10				Herb – All herbaceous (non-woody) plants, regardless
11				of size, and woody plants less than 3.28 ft tall.
12				Woody vines – All woody vines greater than 3.28 ft in
50% = 20% =	130	= Total Co	over	height.
Woody Vine Stratum (Plot size: 15')				
1		-	-	
2.		_	-	
		_		Hardward and a
3		_		Hydrophytic Vegetation
50% = 20% =		T / 10		Present? Yes No
== //		= Total Co	over	
Remarks: (Include photo numbers here or on a separate s OBL/FACW: 1	neet.)			
UPL/FACU: 3				
Does not pass FAC-Neutral Test (Secondary Hydrold	ogy Indica	tor [D5]).		

Sampling Point: DP31

SOIL

(inches)	Matrix			lox Featur					
0 - 2	Color (moist) 10YR 3/2	<u>%</u> 100	Color (moist)	%	Type ¹	Loc ²	<u>Texture</u> _	Remar	rks
			40VD 2/2						
2 - 12	10YR 4/2	_ 99	10YR 3/3	_ 1	_ <u>C</u>	<u>M</u>	SiL		
12 - 18	10YR 4/2	_ 70	10YR 4/6	_ 30	_ <u>C</u>		SiL		
				_	_				
Type: C=Co	oncentration D=De	– – – – nletion RM	1=Reduced Matrix, N	– – //S=Maske	ed Sand G	rains	² l ocation:	PL=Pore Lining, M=	=Matrix
Hydric Soil I		<u> </u>						or Problematic Hyd	
Histosol	` '		Polyvalue Bel		e (S8) (LR	R R,		ck (A10) (LRR K, L	•
	oipedon (A2)		MLRA 149I	,	// DD D .W	U DA 440D		airie Redox (A16) (I	
Black Hi: Hvdroge	en Sulfide (A4)		Thin Dark Sur Loamy Mucky					cky Peat or Peat (S face (S7) (LRR K, I	
	d Layers (A5)		Loamy Gleyed			-, -,		e Below Surface (S	•
	d Below Dark Surfa	ce (A11)	Depleted Mati					k Surface (S9) (LRI	
	ark Surface (A12) Mucky Mineral (S1)		Redox Dark S Depleted Dark					ganese Masses (F	12) (LRR K, L, R) F19) (MLRA 149B)
	Gleyed Matrix (S4)		Redox Depres					oodic (TA6) (MLRA	
Sandy R	Redox (S5)			,	,		Red Pare	ent Material (F21)	
	Matrix (S6)	MI DA 440	·P\					allow Dark Surface ((TF12)
Dark Sur	rface (S7) (LRR R ,	WILKA 149	(B)				Other (E)	xplain in Remarks)	
3	f hydrophytic veget	ation and w	etland hydrology mi	ust be pres	sent, unles	s disturbed	or problematic.		
Indicators of	aver (if observed):							
Restrictive L									
							1		
Restrictive L	ne						Hydric Soil P	resent? Yes	No✓
Restrictive L Type: <u>No</u> Depth (inc	ne						Hydric Soil P	resent? Yes	No/
Restrictive L Type: <u>No</u> Depth (inc	ne						Hydric Soil P	resent? Yes	No <u></u>
Restrictive L Type: <u>No</u> Depth (inc	ne						Hydric Soil Pr	resent? Yes	No/
Restrictive L Type: <u>No</u> Depth (inc	ne						Hydric Soil Pr	resent? Yes	No <u></u>
Restrictive L Type: <u>No</u> Depth (inc	ne						Hydric Soil Pr	resent? Yes	No <u></u>
Restrictive L Type: <u>No</u> Depth (inc	ne						Hydric Soil Pr	resent? Yes	No <u></u> ✓
Restrictive L Type: <u>No</u> Depth (inc	ne						Hydric Soil P	resent? Yes	No <u></u>
Restrictive L Type: <u>No</u> Depth (inc	ne						Hydric Soil P	resent? Yes	No <u></u> ✓
Restrictive L Type: <u>No</u> Depth (inc	ne						Hydric Soil Pr	resent? Yes	No <u></u> ✓
Restrictive L Type: No Depth (ind	ne						Hydric Soil Pr	resent? Yes	No <u></u> ✓
Restrictive L Type: No Depth (inc	ne						Hydric Soil Pr	resent? Yes	No <u></u> ✓
Restrictive L Type: No	ne						Hydric Soil Pr	resent? Yes	No <u>_</u> ✓
Restrictive L Type: No Depth (inc	ne						Hydric Soil Pr	resent? Yes	No <u>_</u> ✓
Restrictive L Type: No Depth (ind	ne						Hydric Soil Pr	resent? Yes	No <u> </u>
Restrictive L Type: No Depth (ind	ne						Hydric Soil Pr	resent? Yes	No <u>_</u> ✓

Project/Site: GM Lordstown -	Parcel 4		City/County: War	rren / Trumbull	Sampling Date: 10/21/2019
Applicant/Owner: GM				State: OH	Sampling Date: DP32
Investigator(s): GK, MH				p, Range:	
Landform (hillslope, terrace, etc	Depression	Lc	ocal relief (concave	convex. none): Concave	Slope (%): 0-3
Subregion (LRR or MLRA): LR	R-R; MLRA-13	9 _{Lat:} 41.151651		Long: -80.863743	Datum: WGS84
Soil Map Unit Name: Wadswo	orth silt loam (V	 VbB)		NWI classif	ication. Not Mapped
Are climatic / hydrologic condition					
Are Vegetation, Soil					/
Are Vegetation, Soil				(If needed, explain any answ	
					·
SUMMARY OF FINDING	S – Attach s	site map snowing	g sampling po	int locations, transect	s, important features, etc.
Hydrophytic Vegetation Preser		✓ No		npled Area Vetland? Yes	
Hydric Soil Present?	Yes	No	within a W		
Wetland Hydrology Present?				onal Wetland Site ID:	
Remarks: (Explain alternative	•	e or in a separate repo	ort.)		
Point taken near old road bed	d.				
HYDROLOGY					
Wetland Hydrology Indicator				· · · · · · · · · · · · · · · · · · ·	cators (minimum of two required)
Primary Indicators (minimum o	of one is required			Surface Soi	
Surface Water (A1)		Water-Stained			atterns (B10)
High Water Table (A2)		Aquatic Fauna		Moss Trim I	
✓ Saturation (A3)		Marl Deposits			Water Table (C2)
Water Marks (B1)		Hydrogen Sulfi		Crayfish Bu	
Sediment Deposits (B2)		Oxidized Rhizo		·	Visible on Aerial Imagery (C9)
Drift Deposits (B3)		Presence of Re			Stressed Plants (D1)
Algal Mat or Crust (B4)			eduction in Tilled S		
Iron Deposits (B5)	. (57)	Thin Muck Sur		Shallow Aq	
Inundation Visible on Aeri			in Remarks)		raphic Relief (D4)
✓ Sparsely Vegetated Conc	ave Surface (B8)		<u>✓</u> FAC-Neutra	al Test (D5)
Field Observations: Surface Water Present?	Voc Nc	o✓ Depth (inches	٠١.		
Water Table Present?	·	Depth (Inches Depth (inches			
Saturation Present?		Depth (inches		Wetland Hydrology Prese	ent? Yes ✓ No
(includes capillary fringe)					
Describe Recorded Data (stream	am gauge, monit	toring well, aerial phote	os, previous inspec	ctions), if available:	
Remarks:					
1					İ

- 30'	Absolute		Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30' 1. Acer rubrum (Red Maple)	<u>% Cover</u> 80	Species?	-	Number of Dominant Species
···	·	YES	FAC	That Are OBL, FACW, or FAC:4 (A)
2			-	Total Number of Dominant
3				Species Across All Strata:4 (B)
4				Percent of Dominant Species
5		_	-	That Are OBL, FACW, or FAC: 100.0% (A/B)
6			-	Prevalence Index worksheet:
7			-	Total % Cover of: Multiply by:
50% = 20% =	٥٥	= Total Co	vor	OBL species x 1 =0
Sapling/Shrub Stratum (Plot size: 15')		- 10tai 00	VCI	FACW species x 2 =0
1 Frangula alnus (Glossy False Buckthorn)	15	YES	FAC	FAC species x 3 =0
				FACU species x 4 =0
2			· -	UPL species x 5 =0
3			-	Column Totals: 0 (A) 0 (B)
4				
5		_		Prevalence Index = B/A =
6		_	-	Hydrophytic Vegetation Indicators:
7		-	-	1 - Rapid Test for Hydrophytic Vegetation
50% = 20% =	15	= Total Co	ver	✓ 2 - Dominance Test is >50%
Herb Stratum (Plot size: 5')		rotal Go	V OI	3 - Prevalence Index is ≤3.0 ¹
1. Onoclea sensibilis (Sensitive Fern)	15	YES	FACW	4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
2. Persicaria virginiana (Jumpseed)	15	YES	FAC	Problematic Hydrophytic Vegetation¹ (Explain)
Rosa multiflora (Rambler Rose)	5	NO	FACU	
4		_	-	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5				Definitions of Vegetation Strata:
6.				
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.
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.
50% = 20% =	35	= Total Co	ver	inolgina
Woody Vine Stratum (Plot size: 15')				
1			-	
2				
3		-	-	Hydrophytic
4.		-	_	Vegetation
50% = 20% =	0	= Total Co	ver	Present? Yes No
Remarks: (Include photo numbers here or on a separate sometimes of the]).		

Sampling Point: DP32

SOIL

Depth	Matrix			ox Featur				
(inches)	Color (moist)	400	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0 - 4	GLEY 1 2.5/10Y	100					<u>Si</u>	
4 - 18	10YR 5/1	70	10YR 5/6	_ 30	_ <u>C</u>	_ <u>M</u>	SiL	
	Concentration, D=Depl	etion RN	M=Reduced Matrix N	– ——— IS=Maska			2l ocation: PI =F	Pore Lining, M=Matrix.
Hydric Soil Histoso Histic E Black H Hydrog Stratifie Deplete Thick D Sandy I Sandy I Strippee Dark St	Indicators:	e (A11) ILRA 149 ion and w	Polyvalue Bela MLRA 149E Thin Dark Sur Loamy Mucky Loamy Gleyed Depleted Matr Redox Dark S Depleted Dark Redox Depres	ow Surfactions (S9) Mineral (I Matrix (F3) urface (F6) Surface sions (F8)	e (S8) (Li (LRR R, I F1) (LRR F2) 6) (F7)	RR R, MLRA 149B) K, L)	Indicators for Pri 2 cm Muck (A Coast Prairie 5 cm Mucky F Dark Surface Polyvalue Be Thin Dark Su Iron-Mangane Piedmont Flo Mesic Spodic Red Parent M Very Shallow Other (Explai	oblematic Hydric Soils ³ : A10) (LRR K, L, MLRA 149B) Redox (A16) (LRR K, L, R) Peat or Peat (S3) (LRR K, L, R) (S7) (LRR K, L) 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)
Type: <u>N</u>								
	nches):						Hydric Soil Prese	nt? Yes <u>√</u> No
Remarks:								

Project/Site: GM Lordstown - Parcel 4	City/County: Warren	/ Trumbull	Sampling Date: 10/21/2019
Applicant/Owner: GM		State: OH	Sampling Date: 10/21/2019 Sampling Point: DP33
Investigator(s): GK, MH			
Landform (hillslone terrace etc.). Depression	cal relief (concave, cor	ovex none). Concave	Slone (%): 0-2
Landform (hillslope, terrace, etc.): Depression Los Subregion (LRR or MLRA): LRR-R; MLRA-139 Lat: 41.151012	darrener (deridave, der	ng: -80.865851	clope (70):
Soil Map Unit Name: Wadsworth silt loam (WbA)	L0	ng.	
		NWI classific	
Are climatic / hydrologic conditions on the site typical for this time of ye			
Are Vegetation, Soil, or Hydrology significantly	disturbed? Are		
Are Vegetation, Soil, or Hydrology naturally pro	oblematic? (If n	eeded, explain any answe	rs in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing	sampling point	locations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes ✓ No	Is the Sample	d Area	
Hydric Soil Present? Yes ✓ No	within a Wetla	and? Yes	No
Wetland Hydrology Present? Yes No	If yes, optional	Wetland Site ID:	
Remarks: (Explain alternative procedures here or in a separate repo		·	-
Point taken near old road bed.			
HYDROLOGY			
Wetland Hydrology Indicators:		Secondary Indica	tors (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		Surface Soil	
Surface Water (A1) Water-Stained		Drainage Pat	
High Water Table (A2) Aquatic Fauna		Moss Trim Li	
✓ Saturation (A3) Marl Deposits (Water Table (C2)
Water Marks (B1) Hydrogen Sulfi		Crayfish Burr	
	spheres on Living Roc		sible on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Re			tressed Plants (D1)
	eduction in Tilled Soils		
Iron Deposits (B5) Thin Muck Surl		Shallow Aqui	
Inundation Visible on Aerial Imagery (B7) Other (Explain	in Remarks)		phic Relief (D4)
Sparsely Vegetated Concave Surface (B8) Field Observations:		FAC-Neutral	Test (D5)
Surface Water Present? Yes No _ ✓ Depth (inches	١.		
Water Table Present? Yes No _ ✓ Depth (inches	·		
Saturation Present? Yes No Depth (inches	I	etland Hydrology Presen	t? Yes ✓ No
(includes capillary fringe)			11. Tes No
Describe Recorded Data (stream gauge, monitoring well, aerial photo	os, previous inspection	s), if available:	
Remarks:			

289

(B)

Absolute Dominant Indicator **Dominance Test worksheet:** Tree Stratum (Plot size: 30' % Cover Species? Status **Number of Dominant Species** 1. Acer rubrum (Red Maple) YES FAC That Are OBL, FACW, or FAC: 2. Quercus palustris (Pin Oak) 5 YES **FACW** Total Number of Dominant Species Across All Strata: Percent of Dominant Species That Are OBL, FACW, or FAC: Prevalence Index worksheet: Total % Cover of: Multiply by: 10 = Total Cover 20% = **OBL** species Sapling/Shrub Stratum (Plot size: 15' 1. Rosa multiflora (Rambler Rose) FAC species 5 YES **UPL** species Column Totals: 50% = 20% = 5 = Total Cover Herb Stratum (Plot size: 5' 1 Juncus effusus (Lamp Rush) 60 YES OBL Lonicera japonica (Japanese Honeysuckle) 15 YES FACU Scirpus atrovirens (Dark-Green Bulrush) 15 YES OBL Rosa multiflora (Rambler Rose) 15 YES FACU 10 Phalaris arundinacea (Reed Canary Grass) NO **FACW** Symphyotrichum racemosum (Fragile-Stem American Aster) FACW NO 5 Quercus palustris (Pin Oak) NO **FACW** Toxicodendron radicans (Eastern Poison Ivy) NO FAC height. 128 20% = 50% = = Total Cover Woody Vine Stratum (Plot size: 15' Hydrophytic Vegetation Present? 20% = = Total Cover

____ x 1 = ___ FACW species _25 ____ x 2 = 24 _ x3= FACU species 35 140 x 4 = _ x 5 = _

(A)

2.02 Prevalence Index = B/A =

143

Hydrophytic Vegetation Indicators:

- 1 Rapid Test for Hydrophytic Vegetation
- ___ 2 Dominance Test is >50%
- √ 3 Prevalence Index is ≤3.0¹
- 4 Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet)
- ___ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub - Woody plants less than 3 in. DBH and greater than 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

Yes ____ No ____

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

OBL/FACW: 2 UPL/FACU: 3

Does not pass FAC-Neutral Test (Secondary Hydrology Indicator [D5]).

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

7/10/2020 3:16:46 PM

in

Case No(s). 20-1176-EL-BLN

Summary: Application for Certificate of Environmental Compatibility and Public Need (Part 2b of 4) electronically filed by Mr. Robert J Schmidt on behalf of American Transmission Systems Inc.