Site:	w012		Rater(s):	Mscenzie Reed	Date:	October 1, 2020
3 max 6 pts.	3 subtotal	Metric 1. Wetland Area (size). Select one size class and assign score.	Project:	Pleasant Prairie Proje	ect	
		>50 acres (>20.2ha) (6 pts) 25 to <50 acres (10.1 to <20.2ha) (5 pt 10 to <25 acres (4 to <10.1ha) (4 pts) X 3 to <10 acres (1.2 to <4ha) (3 pts) 0.3 to <3 acres (0.12 to <1.2ha) (2 pts) 0.1 to <0.3 acres (0.04 to <0.12ha) (1 pts) <0.1 acres (0.04ha) (0 pts)				
1	4	Metric 2. Upland buffers and su	rrounding	land use.		
max 14 pts.	subtotal	2a. Calculate average buffer width. Select only of WIDE. Buffers average 50m (164ft) or MEDIUM. Buffers average 25m to <50 NARROW. Buffers average 10m to <25 X VERY NARROW. Buffers average <10m to <25 NARROW. B	ne and assign s more around v Im (82 to <164f Sm (37ft to <82 n (<32ft) around e or double che t, prairie, savan young second ed pasture, par	core. Do not double check vetland perimeter (7 t) around wetland perimeter (6 t) around wetland perimeter (7 t) around wetland perimeter (8 t) wetland perimeter (9 c) ck and average nah, wildlife area, etc. (7 growth forest. (5 k, conservation tillage, new fal	1	
11	15	Metric 3. Hydrology				
max 30 pts.	subtotal	3a. Sources of Water. Score all that apply. High pH groundwater (5) Other groundwater (3) X Precipitation (1) Seasonal/Intermittent surface water (3) Perennial surface water (lake or stream of the surface water) 3c. Maximum water depth. Select only one and	n) (5)	Part of wetland Part of riparian 3d. Duration inundation/sat	olain (1) n/lake and other hum /upland (e.g. forest), or upland corridor (1)	complex (1) dbl check.
		>0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) (2) X <0.4m (<15.7in) (1) 3e. Modifications to natural hydrologic regime. None or none apparent (12) X Recovered (7) Recovering (3) Recent or no recovery (1)	ll disturbances ditch tile dike	X Seasonally inun Seasonally satu buble check and average observed point source filling/grading road bed/RR	rated in upper 30cm ((nonstormwater)	12in) (1)
			weir stormwater ir	dredging other		
15 max 20 pts.	30 subtotal	Metric 4. Habitat Alteration and D 4a. Substrate disturbance. Score one or double X None or none apparent (4) Recovered (3) Recovering (2)	-			
		4b. Habitat development. Select only one and a Excellent (7) Very good (6) X Good (5) Moderately good (4) Fair (3) Poor to fair (2)	ssign score			
		4c. Habitat alteration. Score one or double chec None or none apparent (9) X Recovered (6) Recovering (3)	k and average call disturbance mowing grazing	shrub/sapling	g removal aquatic bed removal	
,	30 subtotal this page	Recent or no recovery (1)	clearcutting selective cutti woody debris toxic pollutan	ng sedimentatio dredging removal farming	n	

Site:	w012		Rater(s):	Msce	nzie Reed	Date:	October 1, 2020
	4		Project:	Pleas	ant Prairie Proje	ct	
	subtotal thi	s page					
0	0	Metric 5. Special Wetlands					
max 10 p	ts subtotal	Check all that apply and score as indicated. Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-re: Lake Plain Sand Prairies (Oak Openings	stricted hydrolo				
		Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water f Category 1 Wetland. See Question 1 C X Not Applicable (0)	tened or endan	sage (10)			
4	4	Matric & Plant communities into	cnorcion n	aicroto	nograhy.		
max 20 n	ts subtotal	Metric 6. Plant communities, inter 6a. Wetland Vegetation Communities.	Vegetation Co		The state of the s		
111dx 20 p	i. Jubiotui	Score all present using 0 to 3 scale.	0	minumey	Absent or comprises		
		Aquatic bed Emergent 1 Shrub	1				ality, or comprises a
		1 Forest 1 Mudflats Open water	2		Present and either co vegetation and is part and is of hig	s of moderate qua	nt part of wetland's ality or comprises a smal
		Other 6b. Horizontal (plan view) Interspersion.	3			es significant part,	, or more, of wetland's
		Select only one.				s of flight quality	
		High (5)	Narrative Des	cription o	of Vegetation Quality	1/	
		Moderately high (4) X Moderate (3)	low		Low spp diversity and disturbance tole	rant native specie	
		Moderately low (2) Low (1) None (0) 6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add	mod		can also be prese	ive and/or disturlent, and species d , but generally w/	of the vegetation, bance tolerant native spr diversity moderate to of presence of rare
		or deduct points for coverage Extensive >75% cover (-5) X Moderate 25-75% cover (-3) Sparse 5-25% cover (-1)	high		A predominance of na and/or disturbar absent, and high	ative species, with nce tolerant native spp diversity and	h nonnative spp e spp absent or virtually d often, but no always, or endangered spp
		Nearly absent <5% cover (0) Absent (1)	Mudflat and ()nen Wat	er Class Quality		
		6d. Microtopography.	0	. pe 1140	Absent < 0.1ha (0.247		
		Score all present using 0 to 3 scale. Vegetated hummocks/tussocks	1		Present very small an of marginal qual		commor
		Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh	2		Present in moderate		0
		1 Amphibian breading pools	3		Present in moderate and of highest quant	or greater amoun	
34 Refer to the	most recent ORAM	(max 100 pts) M Score Calibration Report for the scoring breakpoints between wet	iland categories at th	e following a	address: http://www.epa.stat	te.oh.us/dsw/401/401.h	ntml

Site:	w013		Rater(s):	Crystal Renskers	Date:	September 29, 2020
1	1	Metric 1. Wetland Area (size).	Project:	Pleasant Prairie Proje	ect .	
max 6 pts.	subtotal	Select one size class and assign score. >50 acres (>20.2ha) (6 pts) 25 to <50 acres (10.1 to <20.2ha) (5 pt 10 to <25 acres (4 to <10.1ha) (4 pts) 3 to <10 acres (1.2 to <4ha) (3 pts) 0.3 to <3 acres (0.12 to <1.2ha) (2 pts) X 0.1 to <0.3 acres (0.04 to <0.12ha) (1 pts) <0.1 acres (0.04ha) (0 pts)	s)	rieasant riaine rioje		
4	5	Metric 2. Upland buffers and su	rrounding	land use		
max 14 pts.	subtotal	2a. Calculate average buffer width. Select only of MIDE. Buffers average 50m (164ft) or MEDIUM. Buffers average 25m to <50 X NARROW. Buffers average 10m to <25 VERY NARROW. Buffers average <10m to <25 VERY NARROW. Buffers average <10m to <25 VERY NARROW. Buffers average <10m to <25 VERY LOW. 2nd growth or older forest X LOW. Old field (>10 years), shrubland, MODERATELY HIGH. Residential, fence X HIGH. Urban, industrial, open pasture	ne and assign s more around w Im (82 to <164f Sm (32ft to <82ft) or double che t, prairie, savan young second ed pasture, parl	core. Do not double check retland perimeter (7 t) around wetland perimeter (6 t) around wetland perimeter (7 t) around wetland perimeter (8 t) wetland perimeter (9 t) ck and average nah, wildlife area, etc. (7 t) growth forest. (5 t) c, conservation tillage, new fal	(1	
6	11	Metric 3. Hydrology				
max 30 pts.	subtotal	3a. Sources of Water. Score all that apply. High pH groundwater (5) Other groundwater (3) X Precipitation (1) Seasonal/Intermittent surface water (3) Perennial surface water (lake or stream of the surface water (1) 3c. Maximum water depth. Select only one and	n) (5)	Part of wetland Part of riparian 3d. Duration inundation/sat Semi- to perma	olain (1) n/lake and other /upland (e.g. for or upland corrid uration. Score o nently inundated	est), complex (1) or (1) ne or dbl check. d/saturated (4)
		>0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) (2) X <0.4m (<15.7in) (1) 3e. Modifications to natural hydrologic regime. None or none apparent (12) Recovered (7) X Recovering (3) Recent or no recovery (1)	Score one or do Il disturbances ditch tile dike weir stormwater in	Seasonally inun X Seasonally satu buble check and average observed point source filling/grading road bed/RR dredging	rated in upper 30 (nonstormwater	0cm (12in) (1)
10	21	Metric 4. Habitat Alteration and D	evelonmen	.+		
max 20 pts.	subtotal	4a. Substrate disturbance. Score one or double None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) 4b. Habitat development. Select only one and a Excellent (7) Very good (6) Good (5) X Moderately good (4)	check and avera			
	21	Recovered (6) X Recovering (3) Recent or no recovery (1)	k and average call disturbance mowing grazing clearcutting selective cutti woody debris toxic pollutan	shrub/sapling herbaceous/a sedimentatio dredging removal farming	aquatic bed remo	oval
3	abtotal tills page		toxic politicali	. Inditient enric	Jillelli .	

Site:	w013		Rater(s):	Crysta	al Renskers	Date:	September 29, 2020
	2		ř				
			Project:	Pleas	ant Prairie Proje	ct	
	subtotal thi	s page					
0	0	Metric 5. Special Wetlands					
max 10 p	ts subtotal	Check all that apply and score as indicated. Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-re: Lake Plain Sand Prairies (Oak Openings	stricted hydrolo				
		Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water f Category 1 Wetland. See Question 1 C X Not Applicable (0)	tened or endan	sage (10)			
2	2	Metric 6. Plant communities, inter	enersion n	nicroto	nograhy		
max 20 pt	ts subtotal	6a. Wetland Vegetation Communities.	Vegetation Co				
		Score all present using 0 to 3 scale.	0		Absent or comprises		1 acres) contiguous area
		Aquatic bed Emergent Shrub	1		significant part b	s of moderate out is of low qu	quality, or comprises a
		Forest Mudflats Open water	2			s of moderate	icant part of wetland's quality or comprises a smal
		Other	3		Present and comprise	es significant p	part, or more, of wetland's
		6b. Horizontal (plan view) Interspersion. Select only one.			vegetation and is	s of high quali	ty
		High (5)	Narrative Des	cription o	f Vegetation Quality		
		Moderately high (4) Moderate (3)	low		Low spp diversity and disturbance tole		
		X Moderately low (2) Low (1) None (0) 6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add	mod		can also be prese	tive and/or dis ent, and speci , but generally	turbance tolerant native spr es diversity moderate to y w/o presence of rare
		or deduct points for coverage Extensive >75% cover (-5) Moderate 25-75% cover (-3) X Sparse 5-25% cover (-1)	high		A predominance of n and/or disturbar absent, and high	ative species, nce tolerant no spp diversity	
		Nearly absent <5% cover (0) Absent (1)	Mudflat and 0	Dpen Wat	er Class Quality		
		6d. Microtopography.	0		Absent < 0.1ha (0.247		
		Score all present using 0 to 3 scale. 1 Vegetated hummocks/tussocks	1		Present very small an of marginal qual		ore commor
		Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh	2		Present in moderate quality or in sma	amounts, but	
		Amphibian breading pools	3		Present in moderate and of highest q	or greater am	
23 Refer to the	most recent ORAN	(max 100 pts) M Score Calibration Report for the scoring breakpoints between wet	land categories at th	e following a	address: http://www.epa.stat	te.oh.us/dsw/401/	401.html

Site:	w014		Rater(s):	Crystal Renskers	Date:	September 29, 2020
0	0	Metric 1. Wetland Area (size).	Project:	Pleasant Prairie Proje	ect	
max 6 pts.	subtotal	Select one size class and assign score. >50 acres (>20.2ha) (6 pts) 25 to <50 acres (10.1 to <20.2ha) (5 pt) 10 to <25 acres (4 to <10.1ha) (4 pts) 3 to <10 acres (1.2 to <4ha) (3 pts) 0.3 to <3 acres (0.12 to <1.2ha) (2 pts) 0.1 to <0.3 acres (0.04 to <0.12ha) (1 pts) X <0.1 acres (0.04ha) (0 pts)	es)			
3	3	Metric 2. Upland buffers and su	rrounding	land use.		
max 14 pts.	subtotal	2a. Calculate average buffer width. Select only of WIDE. Buffers average 50m (164ft) or MEDIUM. Buffers average 25m to <50 NARROW. Buffers average 10m to <20 X VERY NARROW. Buffers average <10m very Low. 2nd growth or older fores LOW. Old field (>10 years), shrubland X MODERATELY HIGH. Residential, fence HIGH. Urban, industrial, open pasture	one and assign some are around wom (82 to <164f). Some (32ft) around wom (32ft) around che che t, prairie, savan young second ed pasture, parl	core. Do not double check retland perimeter (7) around wetland perimeter (4) around wetland perimeter (4) wetland perimeter (6) ck and average nah, wildlife area, etc. (7) growth forest. (5) c, conservation tillage, new fal	(1	
12	15	Metric 3. Hydrology	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	3 ,		
max 30 pts.	subtotal	3a. Sources of Water. Score all that apply. High pH groundwater (5) X Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface water (Perennial surface water (lake or strear	m) (5)	Part of wetland	olain (1) m/lake and other l/upland (e.g. for or upland corrid uration. Score o	rest), complex (1) for (1) one or dbl check.
		>0.7 (27.6in) (3) X 0.4 to 0.7m (15.7 to 27.6in) (2) <0.4m (<15.7in) (1) 3e. Modifications to natural hydrologic regime. None or none apparent (12) Recovered (7) X Recovering (3) Recent or no recovery (1)	Score one or do ill disturbances ditch tile dike weir stormwater in	Regularly inund Seasonally inund Seasonally satu suble check and average observed point source filling/grading road bed/RR dredging	lated/saturated dated (2) rated in upper 3 (nonstormwater	(3) Ocm (12in) (1)
7	22	Metric 4. Habitat Alteration and D	evelopmen	t.		
max 20 pts.	subtotal	4a. Substrate disturbance. Score one or double None or none apparent (4) Recovered (3) X Recovering (2) Recent or no recovery (1) 4b. Habitat development. Select only one and a Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) X Poor to fair (2)	check and avera			
s	22 ubtotal this page	Recovered (6) X Recovering (3) Recent or no recovery (1)	k and average k all disturbance mowing grazing clearcutting selective cutti woody debris toxic pollutan	shrub/sapling herbaceous/a sedimentatio dredging removal farming	aquatic bed remo	oval

Site:	w014		Rater(s):	Cryst	al Renskers	Date:	September 29, 2020
	2		Project:	Pleas	ant Prairie Proj	ect	
0	subtotal th						
		Metric 5. Special Wetlands					
max 10 p	ts subtotal	Check all that apply and score as indicated. Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-u Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Opening Relict Wet Prairies (10) Known occurrence state/federal three Significant migratory songbird/water	estricted hydrologs) (10) atened or endar fowl habitat or e	ngered spousage (10	ecies (10)		
		Category 1 Wetland. See Question 1 (X) Not Applicable (0)	Qualitative Rati	ng (-10)			
_	\Box	Not Applicable (0)					
2	2	Metric 6. Plant communities, inte	rsnersion, r	nicroto	nograhy.		
max 20 p	ts subtotal	6a. Wetland Vegetation Communities.	Vegetation Co				
man 20 p	ti oubtotu.	Score all present using 0 to 3 scale.	0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		s <0.1ha (0.247	1 acres) contiguous area
		Aquatic bed Emergent Shrub	1		Present and either of vegetation and significant part	is of moderate	e quality, or comprises a
		Forest Mudflats Open water	2		Present and either of	comprises signi is of moderate	ficant part of wetland's e quality or comprises a smal
		Other	3				part, or more, of wetland's
		6b. Horizontal (plan view) Interspersion.			vegetation and	is of high qual	ity
		Select only one. High (5)	Narrative Dec	crintion o	of Vegetation Quality		
		Moderately high (4)				nd/or predomir	nance of nonnative or
		X Moderate (3)	low		disturbance tol		
		Moderately low (2) Low (1) None (0) 6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add	mod		although nonna can also be pre	ative and/or di sent, and spec h, but generall	ent of the vegetation, sturbance tolerant native spr ies diversity moderate to y w/o presence of rare
		or deduct points for coverage Extensive >75% cover (-5) Moderate 25-75% cover (-3) X Sparse 5-25% cover (-1)	high		A predominance of and/or disturba absent, and hig	native species, ance tolerant n h spp diversity	
		Nearly absent <5% cover (0) Absent (1)	Mudflat and	Open Was	ter Class Quality		
		6d. Microtopography.	0	JPEH Wat	Absent < 0.1ha (0.24	7 acres)	
		Score all present using 0 to 3 scale. Vegetated hummocks/tussocks	1		Present very small a of marginal qua	mounts or if m	nore commor
		Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh	2		Present in moderate quality or in sm	amounts, but	
		Amphibian breading pools	3		Present in moderate	or greater an	
24 Refer to the	most recent ORA	l (max 100 pts) M Score Calibration Report for the scoring breakpoints between we	itland categories at th	e following a			/401.html

Site:	w015	Rater(s): Crystal Renskers Date: September 29, 2020
2	2	
max 6 pts.	subtotal	Metric 1. Wetland Area (size). Select one size class and assign score. Project: Pleasant Prairie Project
		>50 acres (>20.2ha) (6 pts) 25 to <50 acres (10.1 to <20.2ha) (5 pts) 10 to <25 acres (4 to <10.1ha) (4 pts) 3 to <10 acres (1.2 to <4ha) (3 pts) X 0.3 to <3 acres (0.12 to <1.2ha) (2 pts) 0.1 to <0.3 acres (0.04 to <0.12ha) (1 pt) <0.1 acres (0.04ha) (0 pts)
1	3	Metric 2. Upland buffers and surrounding land use.
max 14 pts.	subtotal	2a. Calculate average buffer width. Select only one and assign score. Do not double check WIDE. Buffers average 50m (164ft) or more around wetland perimeter (7 MEDIUM. Buffers average 25m to <50m (82 to <164ft) around wetland perimeter (4) NARROW. Buffers average 10m to <25m (32ft to <82ft) around wetland perimeter (1 X VERY NARROW. Buffers average <10m (<32ft) around wetland perimeter (0) 2b. Intensity of surrounding land use. Select one or double check and average
		VERY LOW. 2nd growth or older forest, prairie, savannah, wildlife area, etc. (7) LOW. Old field (>10 years), shrubland, young second growth forest. (5) MODERATELY HIGH. Residential, fenced pasture, park, conservation tillage, new fallow field. (3) HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)
9	12	Metric 3. Hydrology
max 30 pts.	subtotal	3a. Sources of Water. Score all that apply. High pH groundwater (5)
		3c. Maximum water depth. Select only one and assign score. Semi- to permanently inundated/saturated (4)
		Recovered (7) X Recovering (3) Recent or no recovery (1) Recovering (3) Recent or no recovery (1) Recovering (3) Recent or no recovery (1)
9	21	Metric 4. Habitat Alteration and Development.
max 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average None or none apparent (4) Recovered (3) X Recovering (2) Recent or no recovery (1)
		4b. Habitat development. Select only one and assign score. Excellent (7) Very good (6) Good (5) X Moderately good (4) Fair (3) Poor to fair (2)
		Poor (1) 4c. Habitat alteration. Score one or double check and average None or none apparent (9) Recovered (6) X Recovering (3) Check all disturbances observed mowing shrub/sapling removal herbaceous/aquatic bed removal
S	21 subtotal this page	Recent or no recovery (1) clearcutting sedimentation dredging woody debris removal toxic pollutants clearcutting sedimentation dredging farming nutrient enrichment

Site:	w015		Rater(s):	Cryst	al Renskers	Date:	September 29, 2020
	3		Project:	Pleas	ant Prairie Proje	ect	
0	subtotal thi	s page					
		Metric 5. Special Wetlands					
max 10 pt	s subtotal	Check all that apply and score as indicated. Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-un Lake Plain Sand Prairies (Oak Opening: Relict Wet Prairies (10) Known occurrence state/federal threa	stricted hydrolo s) (10)	ogy (5)			
		Significant migratory songbird/water f Category 1 Wetland. See Question 1 C	owl habitat or i	ısage (10			
3	3	X Not Applicable (0)	renorcion	nicrota	nograhy.		
may 20 ==	r cubtotal	Metric 6. Plant communities, inter 6a. Wetland Vegetation Communities.	•				
max 20 pt	subtotal	Score all present using 0 to 3 scale.	Vegetation Co	mmunity		<0.1ha (0.247	1 acres) contiguous area
		Aquatic bed Emergent Shrub	1		Present and either c	omprises smal is of moderate	l part of wetland's quality, or comprises a
		Forest Mudflats Open water	2		Present and either c vegetation and part and is of hi	omprises signi is of moderate igh quality	ficant part of wetland's e quality or comprises a smal
		Other 6b. Horizontal (plan view) Interspersion.	3		Present and comprise vegetation and		part, or more, of wetland's ity
		Select only one. High (5)	Narrativo Dos	crintian (of Vegetation Quality		
		Moderately high (4) X Moderate (3)	low				nance of nonnative or pecies
		Moderately low (2) Low (1) None (0) 6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add	mod		although nonna can also be pres	ative and/or dis sent, and speci h, but generall	ent of the vegetation, sturbance tolerant native spr ies diversity moderate tc y w/o presence of rare
		or deduct points for coverage Extensive >75% cover (-5) Moderate 25-75% cover (-3) Sparse 5-25% cover (-1)	high		A predominance of r and/or disturba absent, and hig	native species, ince tolerant n h spp diversity	
		X Nearly absent <5% cover (0) Absent (1)	Mudflat and	nen Wa	ter Class Quality		
		6d. Microtopography.	0	- PCIT TTG	Absent < 0.1ha (0.24		
		Score all present using 0 to 3 scale. Vegetated hummocks/tussocks	1		Present very small a of marginal qua	mounts or if m lity	
		Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh	2		Present in moderate quality or in sm		
		Amphibian breading pools	3		Present in moderate and of highest of	-	nounts
	most recent ORAM	(max 100 pts) M Score Calibration Report for the scoring breakpoints between wet	tland categories at th	e following :	address: http://www.epa.sta	ate.oh.us/dsw/401/	/401.html
Comment							

Project/Site:	Pleasant Prairie							City/Count	y: Galloway/Fran	klin	Sampling Date: 9/29/2020
Applicant/Owner:	Invenergy							State	e: OH	Sampling Point:	dp001
Investigator(s):	B Hess								Section, Townsl	hip, Range: NA	
Landform (hillslope,	terrace, etc.):	То	eslope						Lo	cal relief (concave, convex, none):	concave
Slope (%):	1%	Lat:		:	9.8946			Long:		-83.179	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loar	n, 0 to 2 perce	nt slopes (Ko)							NWI classif	fication: none
Are climatic / hydrol	ogic conditions on the s	ite typical for t	his time of year	?				Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrolo	gy N	sig	nificantly dist	urbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydrolo	gy N	na	turally probler	natic?	(If needed	, explain any answers in Remarks.)	1
SUMMARY OF	FINDINGS Atta	ch site ma	showing s	sampling p	oint locatio	ns, trar	sects, imp	oortant featu	res, etc.		
Hydrophytic Veg	getation Present?			Yes	Κ	No		Is the	e Sampled Ar	rea	
Hydric Soil Pres				Yes	K	No_		withi	n a Wetland?	Yes x	C No
Wetland Hydrol	ogy Present?			Yes	Κ	No_					
Remarks:	Use scientific n	amos of ni	onte								
VEGETATION :	Use scientific ii	anies or pr	ants.				Absolute	Dominant	Indicator	Τ	
Tree Stratum (Plot	size: 30' radius)						% Cover	Species?	Status	Dominance Test worksheet:	
1.						_					
2.										Number of Dominant Species	
3.										That Are OBL, FACW, or FAC:	1(A)
4.											
5.										Total Number of Dominant	
								= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radiu	s)								Percent of Dominant Species	
1										That Are OBL, FACW, or FAC:	(A/B)
2.											
3.											
4										Prevalence Index worksheet:	
5.											
								- Total Cover		Total % Cover of:	Multiply by:
Llash Charles (Dist	sino. El malico)									That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot							000/	V	FACIN	OBL species 5%	x1 = 0.05
1. Echinochloa cru	ıs-gaiii						90% 5%	Yes	FACW	FACW species 90%	x2 = 1.80
Poa pratensis Eleocharis obtus							5%	No No	FAC OBL	FAC species 5% FACU species	x3 = 0.15
A Eleocharis obtains	sa						370			UPL species	x4 = x5 =
5										Column Totals: 100%	(A) 2.00 (B)
6										Column Fotals.	(A)(B)
7										Prevalence Index =	B/A = 2.00
, · · · · · · · · · · · · · · · · · · ·										Prevalence index = i	2.00
9											
10.										Hydrophytic Vegetation Indica	itors:
11.										Try drophy do Yogo dadon maiod	
12.										X 1-Rapid Test for Hydro	phytic Vegetation
13.										X 2-Dominance Test is >5	
14.										x 3-Prevalence Index is ≤	
15.										I —	ations ¹ (Provide supporting
16.										data in Remarks or on	a separate sheet)
17.										· I	tic Vegetation ¹ (Explain)
18.										1 —	
19.										¹ Indicators of hydric soil and wet	tland hydrology must
20.										be present, unless disturbed or	problematic.
							100%	= Total Cover			
Woody Vine Stratun	n (Plot size: 30' radius)								Hydrophytic	
1.										Vegetation	
2.										Present? Yes	XNo
								= Total Cover		1	
Remarks: (Include	photo numbers here or	on a separate	sheet.)								

rofile Des	cription: (Describe to t	he depth nee	ded to document the i	ndicator or c	onfirm the a	bsence o	f indicators.)		
Depth	Matrix			dox Features					
inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks	
0-16"	10YR 3/1	95	10YR 3/6	5	С	M	Clay Loam		
	Concentration, D=Depleti	ion, RM=Redu	uced Matrix, CS=Covere	ed or Coated S	Sand Grains		on: PL=Pore Linir		
-	Indicators ³ :					Tes	t Indicators of Hy		
	ol (A1)			ed Matrix (S4)				anese Masses (F12)	
	Epipedon (A2)		Sandy Redo					ow Dark Surface (F22)	
	Histic (A3) gen Sulfide (A4)		Stripped Ma Dark Surface	, ,			Other (Ex	olain in Remarks)	
_ `	ed Layers (A5)			e (S7) ky Mineral (F1	\				
	Muck (A10)			ed Matrix (F2)					
	ed Below Dark Surface (A11)	Depleted Ma		'				
	Dark Surface (A12)	,		Surface (F6)			³ The hydric soil	indicators have been updated	to
	Mucky Mineral (S1)			ark Surface (F	7)		-	he Field Indicators of Hydric S	
_ ′	Mucky Peat or Peat (S3)			essions (F8)	,			States, Version 8.0, 2016.	
estrictive	Layer (if observed):								
estrictive Type:	Layer (if observed):								
Type: Depth	Layer (if observed): (inches):					Hydric	Soil Present?	Yes X No	
Type: Depth	(inches):					Hydric	Soil Present?	Yes X No_	
Type: Depth	(inches):					Hydric	Soil Present?	Yes X No	
Type: Depth Depth Type: Depth	OGY drology Indicators:	is required: ch	neck all that apply)			Hydric	T		d)
Type: Depth marks: YDROL /etland Hy Primary Ind	OGY drology Indicators:	is required: ch		ed Leaves (B	9)	Hydric	Secondary Indic	Yes X No_	d)
Type: Depth marks: YDROL rimary Ind Surface	OGY drology Indicators:	is required: ch		ed Leaves (B	9)	Hydric	Secondary Indic	ators (minimum of two require	d)
Type: Depth marks: YDROL fetland Hy rimary Ind Surfac High V	OGY drology Indicators: icators (minimum of one e Water (A1)	is required: ch	Water-Stain Aquatic Fau			Hydric	Secondary Indic	ators (minimum of two required	d)
Type: Depth marks: YDROL fetland Hy rimary Ind Surface High V Satura	OGY drology Indicators: icators (minimum of one we Water (A1) Vater Table (A2)	is required: ch	Water-Stain Aquatic Fau True Aquati	ına (B13)		Hydric	Secondary India Surface S Drainage Dry-Seaso	ators (minimum of two required oil Cracks (B6) Patterns (B10)	d)
Type: Depth marks: YDROL fetland Hy rimary Ind Surface High V Satura Water	OGY drology Indicators: icators (minimum of one e Water (A1) Vater Table (A2) tion (A3)	is required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S	ina (B13) c Plants (B14)	1)		Secondary Indic Surface S Drainage Dry-Seasc Crayfish E	ators (minimum of two required bil Cracks (B6) Patterns (B10) on Water Table (C2)	
Type: Depth marks: YDROL fetland Hy rimary Ind Surfac High V Satura Water Sedim	OGY drology Indicators: icators (minimum of one le Water (A1) Vater Table (A2) tition (A3) Marks (B1)	is required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ina (B13) c Plants (B14) ulfide Odor (C	1) 1) n Living Roo		Secondary Indic Surface S Drainage Dry-Seasc Crayfish E Saturation	ators (minimum of two required oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8)	
Type: Depth marks: YDROL etland Hy rimary Ind Surfac High V Satura Water Sedim Drift D	COGY drology Indicators: icators (minimum of one te Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2)	is required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or	11) n Living Roo n (C4)	ts (C3)	Secondary Indic Surface S Drainage Dry-Seasc Crayfish E Saturatior Stunted o	ators (minimum of two required oil Cracks (B6) Patterns (B10) on Water Table (C2) durrows (C8) Visible on Aerial Imagery (C9)	
Type: Depth Primary Ind Surfac High V Satura Water Sedim Drift D Algal I	Cinches): COGY drology Indicators: icators (minimum of one le Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3)	is required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror	11) n Living Roo n (C4)	ts (C3)	Secondary Indic Surface S Drainage Dry-Seasc Crayfish E Saturatior Stunted o X Geomorph	ators (minimum of two required oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8) Visible on Aerial Imagery (C9)	
Type: Depth Permarks: YDROL Vetland Hy Primary Ind Surfac High V Satura Water Sedim Drift D Algal I Iron D	Cinches): COGY drology Indicators: icators (minimum of one le Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4)	·	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in	11) n Living Roo n (C4)	ts (C3)	Secondary Indic Surface S Drainage Dry-Seasc Crayfish E Saturatior Stunted o X Geomorph	ators (minimum of two required oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) nic Position (D2)	
Type: Depth Depth Permarks: YDROL Vetland Hy Primary Ind Surface High V Satura Water Sedim Drift D Algal I Iron D Inunda	drology Indicators: icators (minimum of one water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5)	agery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7)	11) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S Drainage Dry-Seasc Crayfish E Saturatior Stunted o X Geomorph	ators (minimum of two required oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) nic Position (D2)	
Type: Depth Depth Primary Ind Surfac High V Satura Water Sedim Drift D Algal I Iron D Inunda Sparse	Cinches): COGY drology Indicators: icators (minimum of one le Water (A1) Vater Table (A2) Ition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Wat or Crust (B4) eposits (B5) ation Visible on Aerial Imagely Vegetated Concave Services	agery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) /ell Data (D9)	11) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S Drainage Dry-Seasc Crayfish E Saturatior Stunted o X Geomorph	ators (minimum of two required oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) nic Position (D2)	
Type: Depth	drology Indicators: icators (minimum of one we Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) ation Visible on Aerial Imagely Vegetated Concave Servations:	agery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) /ell Data (D9) ain in Remark	11) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S Drainage Dry-Seasc Crayfish E Saturatior Stunted o X Geomorph	ators (minimum of two required oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) nic Position (D2)	
Type: Depth	Cinches): COGY drology Indicators: icators (minimum of one e Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) ation Visible on Aerial Imagely Vegetated Concave Servations: ter Present?	agery (B7) Surface (B8)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) /ell Data (D9) ain in Remark:	11) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S Drainage Dry-Seasc Crayfish E Saturatior Stunted o X Geomorph	ators (minimum of two required oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) nic Position (D2)	
Type: Depth	Cinches): COGY drology Indicators: icators (minimum of one e Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) ation Visible on Aerial Imagely Vegetated Concave Servations: ter Present?	agery (B7) Surface (B8) Yes No Yes No	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) /ell Data (D9) ain in Remarks s): N/A N/A	11) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S Drainage Dry-Seasc Crayfish E Saturatior Stunted o X Geomorph	ators (minimum of two required oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) nic Position (D2)	

Project/Site:	Pleasant Prairie				City/County	: Galloway/Frank	din	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy					: OH	Sampling Point:	dp002
Investigator(s):	B Hess					Section, Townsh	10115 Ed -	
Landform (hillslope,		Summit					al relief (concave, convex, none):	none
Slope (%):	1%	Lat:	39.8929		Long:		-83.178	Datum: NAD83 UTM16N
		am, 0 to 2 percent slopes (Ko)				NWI classi	
		site typical for this time of ye			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology N	significantly d	_		al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil N	, or Hydrology N	naturally prob	lematic?	(If needed,	explain any answers in Remarks.	
SUMMARY OF	FINDINGS Att	ach site map showing	sampling point location	ons, transects, ir	mportant featur	res. etc.		
	getation Present?		Yes x	No		Sampled Are	02	
Hydric Soil Pres	•		Yes	No x	_	n a Wetland?		Nox
Wetland Hydrol			Yes	No x	_		_	
VEGETATION	Use scientific	names of plants.		Absolute	Dominant	Indicator	T	
Tree Stratum (Plot	size: 30' radius)			% Cover		Status	Dominance Test worksheet:	
1								
2							Number of Dominant Species	
3							That Are OBL, FACW, or FAC:	1 (A)
4								
5							Total Number of Dominant	4 (5)
					= Total Cover		Species Across All Strata:	1 (B)
Sanling/Shrub Strat	um (Plot size: 15' rad	iue\					Dereant of Deminant Coccies	
	um (Flot size. 15 lad						Percent of Dominant Species	100% (A/B)
1							That Are OBL, FACW, or FAC:	(A/B)
3								
4							Prevalence Index worksheet:	
5.							Trevalence index worksheet.	
					- Total Cover		Total % Cover of:	Multiply by:
					_		That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)						OBL species	x1 =
1. Echinochloa cru	ıs-galli		_	60%	Yes	FACW	FACW species 65%	x2 = 1.30
2. Setaria pumila				20%	No	FAC	FAC species 35%	x3 = 1.05
3. Poa pratensis				10%	No	FAC	FACU species 5%	x4 = 0.20
4. Schedonorus ar	rundinaceus			5%	No	FACU	UPL species	x5 =
5. Persicaria macu	ulosa			5%	No	FACW	Column Totals: 105%	(A) 2.55 (B)
6. Polygonum avid	culare			5%	No	FAC		
7.							Prevalence Index =	B/A = 2.43
8								
9								
10							Hydrophytic Vegetation Indica	ators:
11								
12.							X 1-Rapid Test for Hydro	
13.							X 2-Dominance Test is >	
14. 15.							3-Prevalence Index is:	≤3.0° ations¹ (Provide supporting
16.							_	
17.							data in Remarks or on	tic Vegetation ¹ (Explain)
18.								no vegetation (Explain)
19.							¹ Indicators of hydric soil and we	tland hydrology must
20.							be present, unless disturbed or	
[105%	= Total Cover		and an analytic of the state of	
Woody Vine Stratur	n (Plot size: 30' radiu	ıs)					Hydrophytic	
1.							Vegetation	
2.							1	X No
					= Total Cover			
Remarks: (Include	photo numbers here o	or on a separate sheet.)						
I								

rofile Descr	iption: (Describe to t	the depth nee	eded to document the i	ndicator or c	onfirm the a	bsence of	f indicators.)	
Depth	Matrix	•	Re	dox Features			•	
inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-16"	10YR 3/1	100		- —			Clay Loam	
				- —				
				- —				
				- ——				
				- —				
						-2		
		ion, RM=Redu	uced Matrix, CS=Cover	ed or Coated S	Sand Grains.		on: PL=Pore Lining	
dric Soil Ir			Sandy Clay	and Matrice (OA)		Test	t Indicators of Hyd	
Histosol	• ,		Sandy Gley	red Matrix (S4))			anese Masses (F12) ow Dark Surface (F22)
	pipedon (A2) istic (A3)		Stripped Ma					ow Dark Surface (F22) blain in Remarks)
	en Sulfide (A4)		Dark Surface	, ,			Other (Exp	nam in Remarks)
	d Layers (A5)			ky Mineral (F1	1)			
	uck (A10)			ed Matrix (F2)	,			
	d Below Dark Surface ((A11)	Depleted M		,			
	ark Surface (A12)	(/		Surface (F6)			³ The hydric soil i	ndicators have been updated to
	Mucky Mineral (S1)			ark Surface (F	7)		-	he Field Indicators of Hydric Soils
— <u> </u>	ucky Peat or Peat (S3)			ressions (F8)	,			States, Version 8.0, 2016.
5 cm Mu	icky real of real (55)							
_								
estrictive L	ayer (if observed):							
_	ayer (if observed):					Hydric	Soil Present?	YesNo
estrictive La Type: _ Depth (ir	ayer (if observed):		 			Hydric	Soil Present?	Yes No
Restrictive La	ayer (if observed):					Hydric	Soil Present?	Yes No
estrictive La Type: _ Depth (ir	ayer (if observed):					Hydric	Soil Present?	Yes No;
estrictive La Type: _ Depth (ir	ayer (if observed):					Hydric	Soil Present?	Yes No;
estrictive La Type: _ Depth (ir	ayer (if observed):					Hydric	Soil Present?	Yes No
Type: Depth (ir	ayer (if observed):					Hydric	Soil Present?	Yes No
Estrictive La Type: Depth (ir	ayer (if observed):					Hydric	Soil Present?	Yes No:
Type:	ayer (if observed):					Hydric	Soil Present?	Yes No
Type:	ayer (if observed):		neck all that apply)			Hydric	3	Yes No
estrictive La Type: Depth (ir emarks: YDROLC /etland Hyde	oches): OGY rology Indicators:			ned Leaves (B	9)	Hydric	Secondary Indica	
Type:	DGY rology Indicators: ators (minimum of one				9)	Hydric	Secondary Indica	ators (minimum of two required)
Type:	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2)		Water-Stair Aquatic Fau			Hydric	Secondary Indica Surface So Drainage F	ators (minimum of two required) bil Cracks (B6)
YDROLO Vetland Hydi Primary Indica Surface High Wa Saturatio	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2)		Water-Stair Aquatic Fau True Aquati	una (B13))	Hydric	Secondary Indica Surface So Drainage F Dry-Seaso	ators (minimum of two required) bil Cracks (B6) Patterns (B10)
Type:	OGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3)		Water-Stair Aquatic Fau True Aquati Hydrogen S	una (B13) ic Plants (B14)) C1)		Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2)
Type:	DGY rology Indicators: ators (minimum of one) Water (A1) ater Table (A2) on (A3) farks (B1)		Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri	una (B13) ic Plants (B14) Sulfide Odor (C) C1) n Living Roo		Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8)
YDROLO // Apple	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2)		Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rh	una (B13) ic Plants (B14) Sulfide Odor (C nizospheres on) C1) n Living Room n (C4)	ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9)
YDROLO Vetland Hydrimary Indica Surface High Water M Sedimer Drift Deg Algal Ma	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2) posits (B3)		Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o	una (B13) ic Plants (B14) Sulfide Odor (C nizospheres of f Reduced Iron) C1) n Living Room n (C4)	ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)
Primary Indicates Surface High Water Machine Sedimer Drift Dep Algal Mallron Dep	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) flarks (B1) nt Deposits (B2) posits (B3) at or Crust (B4)	is required: ch	Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S	una (B13) ic Plants (B14) Sulfide Odor (C nizospheres or f Reduced Iror Reduction in) C1) n Living Room n (C4) Tilled Soils (ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or Geomorph	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)
YDROLO Vetland Hydrimary Indica Surface High Water M Sedimer Drift Dep Algal Ma Iron Dep Inundati	ayer (if observed): aches): aches): aches): aches in a ches in	is required: ch	Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S Gauge or W	una (B13) ic Plants (B14) Sulfide Odor (Conizospheres of f Reduced Iron Reduction in Surface (C7)) C1) n Living Roof n (C4) Tilled Soils (ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or Geomorph	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)
YDROLO Vetland Hydrimary Indica Surface High Wa Saturatir Water M Sedimer Drift Der Algal Ma Iron Der Inundatir Sparsely	payer (if observed): Inches): Inch	is required: ch	Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S Gauge or W	una (B13) ic Plants (B14) culfide Odor (Conizospheres of f Reduced Iron Reduction in Surface (C7) Vell Data (D9)) C1) n Living Roof n (C4) Tilled Soils (ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or Geomorph	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)
YDROLO Vetland Hydri Surface High Wa Saturatir Water M Sedimer Drift Der Algal Ma Iron Der Inundatir Sparsely ield Observation	ayer (if observed): arches): arche	is required: chagery (B7) Surface (B8)	Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S Gauge or W Other (Expl	una (B13) ic Plants (B14) culfide Odor (Conizospheres or f Reduced Iror Reduction in Surface (C7) Vell Data (D9) ain in Remark) C1) n Living Roof n (C4) Tilled Soils (ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or Geomorph	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)
Primary Indicates Surface High Water Magal Malaron Deplinandati Sparsely Surface Water Magal Malaron Deplinandati Sparsely Surface Water Magal Malaron Deplinandati Sparsely Surface Water Magal Malaron Deplinandati Sparsely	ayer (if observed): anches): anches): anches): anches): anches): anches): anches): anches): an	nagery (B7) Surface (B8) Yes No	Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S Gauge or W Other (Expl	una (B13) ic Plants (B14) culfide Odor (Conizospheres or f Reduced Iror Reduction in Surface (C7) Vell Data (D9) ain in Remark s): N/A) C1) n Living Roof n (C4) Tilled Soils (ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or Geomorph	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)
Primary Indicates Surface High Water Marks Sedimer Drift Deg Algal Malron Deg Inundati	ayer (if observed): anches): anches): anches): anches): anches): anches): anches): anches): an	nagery (B7) Surface (B8) Yes No Yes No	Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S Gauge or W Other (Expl	una (B13) ic Plants (B14) culfide Odor (Conizospheres of Reduced Iron Reduction in Surface (C7) Vell Data (D9) ain in Remark s): N/A N/A) C1) In Living Roof In (C4) Tilled Soils (ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or Geomorph	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)

Project/Site:	Pleasant Prairie							City/Cou	inty:	Galloway/Frank	din	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy							St	tate:	ОН	Sampling Point:	dp003
Investigator(s):	B Hess								S	ection, Townsh	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):		Summit							Loc	cal relief (concave, convex, none):	none
Slope (%):	0%	Lat:		39.8941	l			Long:			-83.1764	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 pe	rcent slopes (Ko)								NWI classif	fication: none
Are climatic / hydrole	ogic conditions on the	site typical t	or this time of yea	ir?				Y	es	X No_	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	sigr	nificantly dist	turbed?		Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydrology	N	nat	urally probler	matic?		(If needed,	explain any answers in Remarks.)	(
SUMMARY OF	FINDINGS Atta	ich site r	nap showing	sampling point	ocations	s, tran	sects, im	portant fea	ture	s, etc.		
Hydrophytic Veg	getation Present?			Yes	_	No_	Х	ls t	he S	Sampled Are	ea	
Hydric Soil Pres				Yes	_	No_	Х	wit	hin	a Wetland?	Yes	Nox
Wetland Hydrol	ogy Present?			Yes	-	No_	Х	-				
Remarks: VEGETATION -	Use scientific r	names of	plants.									
			•				Absolute	Dominant	t	Indicator		
Tree Stratum (Plot	size: 30' radius)					_	% Cover	Species?	<u> </u>	Status	Dominance Test worksheet:	
1												
2											Number of Dominant Species	
3											That Are OBL, FACW, or FAC:	(A)
4												
5						— –					Total Number of Dominant	4 (7)
								= Total Cover			Species Across All Strata:	(B)
Capling/Charle Ctrate	(Diet eine: 45) redi	.=\									December of December of Constitution	
	um (Plot size: 15' radi	15)									Percent of Dominant Species That Are OBL, FACW, or FAC:	0% (A/B)
1											That Are OBL, PACW, or PAC.	(A/B)
3												
4											Prevalence Index worksheet:	
5.											Trevalence index worksheet.	
<u>.</u>								- Total Cover			Total % Cover of:	Multiply by:
								•			That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)										OBL species	x1 =
1. Glycine max							75%	Yes		UPL	FACW species	x2 =
2. Abutilon theophi	rasti						5%	No	_	FACU	FAC species	x3 =
3. Sida spinosa							5%	No	_ :	FACU	FACU species 12%	x4 = 0.48
4. Chenopodium a	lbum						2%	No		FACU	UPL species 75%	x5 = 3.75
5.											Column Totals: 87%	(A) 4.23 (B)
6.												
7.											Prevalence Index = I	B/A = 4.86
8												
9												
10.											Hydrophytic Vegetation Indica	tors:
11						— –						
12.											1-Rapid Test for Hydron	
13.											2-Dominance Test is >5 3-Prevalence Index is ≤	
14						— -					l —	ations ¹ (Provide supporting
16.											data in Remarks or on	
17.											1	tic Vegetation ¹ (Explain)
18.												To regulation (Emplane)
19.											¹ Indicators of hydric soil and wetl	land hydrology must
20.											be present, unless disturbed or p	
							87%	= Total Cover				
							/-					
Woody Vine Stratum	n (Plot size: 30' radiu:	5)									Hydrophytic	
	_ ,										Vegetation	
2.												NoX_
								= Total Cover	_		1	
Remarks: (Include p	photo numbers here or	on a separ	ate sheet.)									

Depth Matrix Redox Features	rofile Desc	ription: (Describe to t	he depth need	ded to document the	indicator or cor	nfirm the a	bsence of i	ndicators.)		
Color (moist)								······		
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. **Location: PL=Pore Lining, M=Matrix. ydric Soil Indicators*; Histosci (A1)	inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Rer	marks
ydric Soil Indicators*: Histocol (A1) Sandy Gleyed Matrix (S4) Histocol (A2) Sandy Redox (S5) Sondy Mucky Mineral (F1) Sondy Mucky Mineral (F1) Sondy Mucky Mineral (F1) Sondy Mucky Mineral (S1) Sondy Mucky Mineral (S1) Sondy Mucky Mineral (S1) Sond Mucky Peat or Peat (S3) Redox Dark Surface (F8) Sond Mucky Peat or Peat (S3) Redox Depressions (F8) Sond Mucky Peat or Peat (S3) Redox Depressions (F8) Sond Mucky Peat or Peat (S3) Redox Depressions (F8) Sond Mucky Peat or Peat (S3) Redox Depressions (F8) Sond Mucky Peat or Peat (S3) Redox Depressions (F8) Sond Mucky Peat or Peat (S3) Redox Depressions (F8) Sond Mucky Peat or Peat (S3) Redox Depressions (F8) Sond Mucky Peat or Peat (S3) Redox Depressions (F8) Sond Mucky Peat or Peat (S3) Redox Depressions (F8) Sond Mucky Peat or Peat (S3) Redox Depressions (F8) Sond Mucky Peat or Peat (S3) Redox Depressions (F8) Sond Mucky Peat or Peat (S3) Redox Depressions (F8) Sond Mucky Peat or Peat (S3) Redox Depressions (F8) Sond Mucky Peat or Peat (S3) Redox Depressions (F8) Sond Mucky Peat or Peat (S3) Redox Depressions (F8) Sond Mucky Peat or Peat (S3) Redox Depressions (F8) Sond Mucky Peat or Peat (S3) Redox Depressions (F8) Redox Depressions (F8) Sond Mucky Peat or Peat (S4) Redox Depressions (S5) Redox Depressions (S6) Redox Depressions	0-16"	10YR 3/1	100					Clay Loam		
rdiris Soil Indicators i: Histosoi (A1) Histosoi (A2) Histosoi (A2) Black Histis (A3) Black Histis (A1) Boptis (A10)										
dric Soil Indicators*: Histosoi (A1) Histosoi (A2) Histosoi (A2) Histosoi (A2) Sandy Redox (S5) Sandy Redox (S5) Stripped Matrix (S8) Hydrogen Sulface (A2) Black Histic (A3) Brack Histic (A4) Brack Histic (A3) Brack Histic (A4) Brack Histic (A5) Brack Histic (A1) Brack Histic (A5) Brack Histic (A1) Brack Histic (A1) Brack Histic (A1) Brack Histic (A1)										
rdric Soll Indicators i: Histosol (A1) Histosol (A2) Histosol (A2) Black Histic (A3) Sandy Redox (S5) Cyery Shallow Dark Surface (F22) Hydrogen Suffice (A4) Stripped Matrix (S6) Hydrogen Sufface (A7) Stratified Layers (A5) Loamy Mucky Mineral (F1) Loamy Mucky Mineral (F1) Loamy Gleyed Matrix (F2) Depleted Below Dark Surface (A11) Thick Dark Surface (A11) Depleted Below Dark Surface (A12) Sandy Mucky Mineral (S1) Som Mucky Peat or Peat (S3) Som Mucky Peat or Peat (S3) Som Mucky Peat or Peat (S3) Redox Depressions (F6) Hydric Soil Present? YPROLOGY et al. Aguatic Fauna (B13) Surface (Minimum of one is required: check all that apply) Marks: Water Stained Leaves (B8) High Water Table (A2) Saturation (A3) True Aquatic Fauna (B13) Drainage Patterns (B10) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Softmark (B1) Hydrosposits (B2) Oxidized Rhizospheres on Living Roots (C3) Sparse (Cast (B4) Redox Dark Surface (A12) Surface (B1) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Sutration (Vasible on Aerial Imagery (C9) Drift Deposits (B3) Freeneoe of Reduced Iron (C4) Strutted or Streeged Plants (D1) In Deposits (B3) Freeneoe of Reduced Iron (C4) Strutted or Streeged Plants (D1) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) Held Observations: urface Water Present? Yes No X Depth (inches): N/A Statration Present? Yes Sutration Present? Yes Sutra										
Histosol (A1) Sandy Gleyed Matrix (S4) Iron-Manganese Masses (F12) Histosol (A2) Sandy Redox (S5) Very Shallow Dark Surface (F22) Black Histo (A3) Stripped Matrix (S6) Other (Explain in Remarks) Hydrogen Sulfide (A4) Dark Surface (S7) Stratified Layers (A5) Loamy Mucky Mineral (F1) 2 cm Muck (A10) Loamy Gleyed Matrix (F2) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) comply with the Field Indicators of Hydric Soils 5 cm Mucky Peat or Peat (S3) Redox Depressions (F8) in the United States, Version 8.0, 2016. **Strictitive Layer (If observed): Type: Depth (inches): Hydric Soil Present? Yes No X Surface Water Phase (B3) Depleted Phase (B4) Depth (Inches): Depth (inches): Surface Water (A1) Depth (Inches): Saturation (A3) True Aquatic Plants (B14) Depth (B14) Physical Redox Depressions (F8) Surface (C3) Sadiment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) Drift Deposits (B2) Trip Muck Surface (B3) Redox (C1) Saturation (A3) Redox (C3) Saturation (C4) Saturation (C4			ion, RM=Redu	ced Matrix, CS=Cover	ed or Coated Sa	and Grains.				
Histic Epipedon (A2) Black Histic (A3) Stripped Matrix (S6) Hydrogen Sulfide (A4) Dark Surface (F22) Stripped Matrix (S6) Hydrogen Sulfide (A4) Dark Surface (A10) Depicted Below Dark Surface (A11) Depicted Below Dark Surface (A11) Depicted Below Dark Surface (A11) Depicted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky (Mineral (S1) Som Mucky (A10) Depicted Dark Surface (F7) Torkic Dark Surface (A12) Redox Dark Surface (F7) Som Mucky Peat or Peat (S3) Redox Depressions (F8) **The hydric soil indicators have been updated to comply with the Field Indicators of Hydric Soils in the United States, Version 8.0, 2016. **Strictive Layer (if observed): Type: Depth (inches): **Hydric Soil Present?** **Pressent?** **Pressent?** **Pressent?** **Pressent** **Pr				Candy Olay	end Matrice (CA)		Test	-		
Black Histic (A3) Stripped Matrix (S6) Other (Explain in Remarks) Hydrogen Sulfide (A4) Dark Surface (S7) Stratified Layers (A5) Loamy Mucky Mineral (F1) 2 cm Muck (A10) Loamy Gleyed Matrix (F2) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Depleted Dark Surface (F6) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) comply with the Field Indicators of Hydric Soils in the United States, Version 8.0, 2016. strictive Layer (if observed): Type: Depth (inches): Hydrology Indicators: imary Indicators (minimum of one is required: check all that apply) Secondary Indicators (minimum of two required) Surface Water (A1) Water Table (A2) Aquatic Fauna (B13) Drainage Patterns (B10) Sutraction (A3) True Aquatic Plants (B14) Dry-Season Water Table (C2) Water Marks (B1) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Saturation visible on Aerial Imagery (C9) Dirit Deposits (B3) Presence of Reduced Iron (C4) Sturded or Streesed Plants (D1) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Geomorphic Position (D2) Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D8) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) Poth (Chercia) No X Depth (inches): NIA Wetland Hydrology Present? Yes No X Depth (inches): NIA Wetland Hydrology Present? Yes No X Depth (inches): NIA Wetland Hydrology Present? Yes No X Depth (inches): NIA Wetland Hydrology Present? Yes No X Depth (inches): NIA Wetland Hydrology Present? Yes No X Depth (inches): NIA Wetland Hydrology Present? Yes No X Depth (inches): NIA Wetland Hydrology Present? Yes No X Depth (inches): NIA Wetland Hydrology Present? Yes No X Depth (inches): NIA		• ,			, ,					•
Hydrogen Sulfide (A4) Certaffied Layers (A5) Certaffied Layers (A1) Certaff		,							,	22)
Stratified Layers (A5) 2 cm Muck (A10) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Som Mucky Mineral (S1) Som Mucky Mineral (S1) Som Mucky Mineral (S1) Depleted Matrix (F2) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Som Mucky Mineral (S1) Depleted Dark Surface (F7) comply with the Field Indicators of Hydric Soils romply with the Field Indicators of Hydric Soils Redox Depth (Indea) Secondary Indicators (F5) Secondary Indicators (F5) FAC-Neutral Test (D5) FAC-Neutral Test (D5) Indicators table to Comply of Hydric Soils Vestand Hydrology Present? Yes No X Depth (Inches): N/A Indicators indicators invested to Carponal Indicators (F1) Water Table (Pala Table (Pala Tyber Present? Yes No X Depth (Inches): N/A Wetland Hydrology Present? Yes No X Depth (Inches): N/A		, ,			, ,			Other (Expire	all lit itelliarks)	
Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Som Mucky Mineral (S1) Depleted Dark Surface (F7) Redox Dark Surface (F7) Som Mucky Peat or Peat (S3) Redox Depressions (F8) Som Mucky Peat or Peat (S3) Redox Depressions (F8) Setrictive Layer (if observed): Type: Depth (inches): Water-Stained Leaves (B9) Surface (B1) Surface (B1) Surface Water (A1) Surface Water (A1) Surface Water (A1) Surface Water (A1) Saturation (A3) Surface Water (A1) Saturation (A3) Surface Water (A1) Surface (B1) Surface Water (A1) Surface (B1) Surface (
Thick Dark Surface (A12) Redox Dark Surface (F6) 3-The hydric soil indicators have been updated to Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) comply with the Field Indicators of Hydric Soils for Mucky Peat or Peat (S3) Redox Depressions (F8) in the United States, Version 8.0, 2016. Setrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No X Depth (inches): NIA Wetland Hydrology Presen	2 cm M	luck (A10)		Loamy Gle	yed Matrix (F2)					
Sandy Mucky Mineral (S1)	Deplete	ed Below Dark Surface ((A11)	Depleted M	latrix (F3)					
Redox Depressions (F8) Redox Depressions (F8) In the United States , Version 8.0, 2016. Setrictive Layer (if observed): Type: Depth (inches): WYDROLOGY etland Hydrology Indicators: rimary Indicators (minimum of one is required: check all that apply) Surface Water (A1) Surface Water (A1) Water-Stained Leaves (B9) Surface Soil Cracks (B6) High Water Table (A2) Aquatic Fauna (B13) Drainage Patterns (B10) Saturation (A3) True Aquatic Plants (B14) Water Marks (B1) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Sediment Deposits (B3) Presence of Reduced Iron (C4) Algal Mat or Crust (B4) Iron Deposits (B5) Inim Muck Surface (C7) FAC-Neutral Test (D5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) etcl Observations: urface Water Present? Yes No X Depth (inches): N/A Augustic Plants (B4) Algal Mydrology Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Wetland Hydrology Present? Yes No				Redox Dark	k Surface (F6)			³ The hydric soil in	dicators have bee	n updated to
Type: Depth (inches):	_ ′	. ,			, ,)				•
Type: Depth (inches): Hydric Soil Present? Yes No X marks: Page	_ 5 cm M	lucky Peat or Peat (S3)		Redox Dep	ressions (F8)			in the United S	States , Version 8.0), 2016.
POROLOGY etland Hydrology Indicators: rimary Indicators (minimum of one is required: check all that apply) Surface Water (A1) Surface Water (A1) Water-Stained Leaves (B9) Surface Soil Cracks (B6) Surface Soil Cracks (B6) Surface Soil Cracks (B6) Surface Soil Cracks (B6) Drainage Patterns (B10) Drainage Patterns (B10) Drainage Patterns (B10) Dry-Season Water Table (C2) Water Marks (B1) Sediment Deposits (B2) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Iron Deposits (B3) Recent Iron Reduction in Tilled Soils (C6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) Let Observations: Water Table (C2) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) Wetland Hydrology Present? Yes No X Depth (inches): N/A attraction Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A	strictive L	_ayer (if observed):								
Pyprocept Surface Water (A1)	Type:									
Part	-									
etland Hydrology Indicators: rimary Indicators (minimum of one is required: check all that apply) Surface Water (A1) Water-Stained Leaves (B9) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Pes No X Depth (inches): Descondary Indicators (minimum of two required) Secondary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Drainage Patterns	Depth (i	inches):					Hydric S	oil Present?	Yes	NoX
Surface Water (A1)	Depth (i	, <u> </u>					Hydric S	ioil Present?	Yes	NoX
High Water Table (A2) Saturation (A3) True Aquatic Plants (B14) Dry-Season Water Table (C2) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Present Reduction in Remarks Aquatic Fauna (B13) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Present Iron Reduction in Tilled Soils (C6) Geomorphic Position (D2) FAC-Neutral Test (D5) Gauge or Well Data (D9) Other (Explain in Remarks) Peth (inches): N/A Vater Table Present? Yes No X Depth (inches): N/A aturation Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X	Depth (i	OGY					Hydric S	oil Present?	Yes	NoX
Saturation (A3)	Depth (i	OGY drology Indicators:	is required: ch				Hydric S	Secondary Indicat	tors (minimum of t	
Water Marks (B1) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) Presence of Reduced Iron (C4) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Pessence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) FAC-Neutral Test (D5) Gauge or Well Data (D9) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) Pets No X Depth (inches): N/A Atter Table Present? Yes No X Depth (inches): N/A Atturation Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Wetland Hydrology Present? Yes No X	Depth (i	OGY drology Indicators:	is required: ch		ned Leaves (B9)		Hydric S	Secondary Indicat	tors (minimum of t	
Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Sediment Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Personce of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Geomorphic Position (D2) FAC-Neutral Test (D5) Gauge or Well Data (D9) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) Personce of Reduced Iron (C4) Stunted or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5) Other (Explain in Remarks) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5) Other (Explain in Remarks) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5) No Later Table Present? Yes No X Depth (inches): N/A Autration Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X	Depth (i marks: YDROL etland Hyd rimary IndiaSurface	OGY drology Indicators: cators (minimum of one	is required: ch	Water-Stair			Hydric S	Secondary Indical Surface Soi	tors (minimum of t I Cracks (B6) atterns (B10)	wo required)
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Gauge or Well Data (D9) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5) Other (Explain in Remarks) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5) Other (Explain in Remarks) Present Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Auturation Present? Yes No X Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5)	PDROLO Surface High W Saturat	OGY drology Indicators: cators (minimum of one water (A1) dater Table (A2) dion (A3)	is required: ch	Water-Stair Aquatic Fa	una (B13) ic Plants (B14)		Hydric S	Secondary Indical Surface Soi Drainage Pa	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2)	wo required)
Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Eld Observations: urface Water Present? Yes No X Depth (inches): Algal Mat or Crust (B4) Thin Muck Surface (C7) Gauge or Well Data (D9) Other (Explain in Remarks) Popth (inches): N/A Joepth (inches): N/A Auturation Present? Yes No X Depth (inches): N/A Depth (inches): N/A Wetland Hydrology Present? Yes No X	YDROL etland Hydrimary India Surface High W Saturat Water	OGY drology Indicators: cators (minimum of one of Water (A1) dater Table (A2) cion (A3) Marks (B1)	is required: ch	Water-Stain Aquatic Fai True Aquat Hydrogen S	una (B13) ic Plants (B14) Sulfide Odor (C1))		Secondary Indical Surface Soi Drainage Pa Dry-Season Crayfish Bu	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8)	wo required)
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Eld Observations: urface Water Present? Yes No X Depth (inches): N/A aturation Present? Yes No X Depth (inches): N/A Auturation Present? Yes No X Depth (inches): N/A Depth (inches): N/A Wetland Hydrology Present? Yes No X	YDROL etland Hyd marks: Surface High W Saturat Water I Sedime	OGY drology Indicators: cators (minimum of one water (A1) dater Table (A2) cion (A3) Marks (B1) ent Deposits (B2)	is required: ch	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on I) Living Root		Secondary Indical Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial In	wo required)
Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) eld Observations: urface Water Present? Yes No X Depth (inches): N/A aturation Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X	PDEPTH (i	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) /ion (A3) Marks (B1) ent Deposits (B2) eposits (B3)	is required: ch	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence c	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on I if Reduced Iron () Living Root (C4)	s (C3)	Secondary Indical Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D	wo required)
Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) eld Observations: urface Water Present? Yes No X Depth (inches): N/A fater Table Present? Yes No X Depth (inches): N/A aturation Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X	PDEPATH (in marks: YDROLU etland Hydrimary India Surface High W Saturat Water I Sedime Drift De Algal M	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) /ion (A3) Marks (B1) ent Deposits (B2) /posits (B3) lat or Crust (B4)	is required: ch	Water-Stair Aquatic Far True Aquat Hydrogen S Oxidized R Presence of	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on l of Reduced Iron (n Reduction in Ti) Living Root (C4)	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D © Position (D2)	wo required)
unface Water Present? Yes No X Depth (inches): N/A /ater Table Present? Yes No X Depth (inches): N/A aturation Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X	PDEPTH (imarks: YDROLU etland Hydrimary India Surface High W Saturat Water I Sedime Drift De Algal M Iron De	OGY drology Indicators: cators (minimum of one e Water (A1) dater Table (A2) dion (A3) Marks (B1) ent Deposits (B2) eposits (B3) dat or Crust (B4) eposits (B5)	·	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on I of Reduced Iron (n Reduction in Ti Surface (C7)) Living Root (C4)	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D © Position (D2)	wo required)
/ater Table Present? Yes No X Depth (inches): N/A aturation Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X	PDROLO Etland Hydrimary India Surface High W Saturat Water I Sedime Drift De Algal M Iron De Inundar	drology Indicators: cators (minimum of one water (A1) dater Table (A2) dion (A3) Marks (B1) ent Deposits (B2) posits (B3) dat or Crust (B4) eposits (B5) tion Visible on Aerial Im-	agery (B7)	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on I of Reduced Iron (n Reduction in Ti Surface (C7) Vell Data (D9)) Living Root (C4) Illed Soils (G	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D © Position (D2)	wo required)
aturation Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X	POPOLO PO	orgy Irology Indicators: cators (minimum of one of Water (A1) Vater Table (A2) Vater Table (A2) Vater Table (B2) Vater Deposits (B2) Vater Deposits (B3) Vater Organization (B4) Vater Deposits (B4) Vater Deposits (B4) Vater Deposits (B5) Vater Deposits (B4) Vater Deposits (B5) Vater De	agery (B7)	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on I of Reduced Iron (n Reduction in Ti Surface (C7) Vell Data (D9)) Living Root (C4) Illed Soils (G	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D © Position (D2)	wo required)
<u> </u>	POPOLO PO	orgy Irology Indicators: cators (minimum of one of Water (A1) Vater Table (A2) Vater Table (A2) Vater Table (B2) Vater Deposits (B2) Vater Deposits (B3) Vater Organization (B4) Vater Deposits (B4) Vater Deposits (B4) Vater Deposits (B5) Vater Deposits (B4) Vater Deposits (B5) Vater De	agery (B7) Surface (B8) Yes No	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence o Recent Iror Thin Muck Gauge or V Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on I of Reduced Iron (n Reduction in Ti Surface (C7) Vell Data (D9) lain in Remarks) s): N/A) Living Root (C4) Illed Soils (G	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D © Position (D2)	wo required)
nollidos conillon/tringo)	POPOLO PO	OGY drology Indicators: cators (minimum of one of Water (A1) dater Table (A2) dion (A3) Marks (B1) ent Deposits (B2) eposits (B3) dat or Crust (B4) eposits (B5) tion Visible on Aerial Imply Vegetated Concave Separations: der Present?	agery (B7) Surface (B8) Yes No Yes No	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on I of Reduced Iron (n Reduction in Ti Surface (C7) Vell Data (D9) lain in Remarks) s): N/A s): N/A) Living Root (C4) illed Soils (G	s (C3)	Secondary Indicat Surface Soi Drainage Po Dry-Season Crayfish Bu Saturation \ Stunted or S Geomorphic FAC-Neutra	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D c Position (D2)	wo required) nagery (C9)

Project/Site:	Pleasant Prairie				City/County:	: Galloway/Frank	lin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy				State	: ОН	Sampling Point:	dp004
Investigator(s):	B Hess					Section, Townshi	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Summit				Loc	al relief (concave, convex, none): r	none
Slope (%):	0%	Lat:	39.8959		Long:		-83.1776	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loam	, 0 to 2 percent slopes (Ko)					NWI classifi	cation: none
Are climatic / hydrole	ogic conditions on the si	te typical for this time of year	?		Yes	X No_	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology N	significantly dist	turbed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil N	, or Hydrology N	naturally proble	matic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Attac	h site map showing	sampling point locatio	ns, transects, im	portant featur	es, etc.		
Hydrophytic Veg	getation Present?		Yesx	No	Is the	Sampled Are	ea	
Hydric Soil Pres			Yes	No x	within	a Wetland?	Yes	Nox
Wetland Hydrol	ogy Present?		Yes x	No	-			
Remarks: VEGETATION -	Use scientific na	nmes of plants.						
		•		Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet:	
1.								
2.							Number of Dominant Species	
3.							That Are OBL, FACW, or FAC:	1 (A)
4								
5							Total Number of Dominant	
					= Total Cover		Species Across All Strata:	1 (B)
	um (Plot size: 15' radius						Percent of Dominant Species	
1							That Are OBL, FACW, or FAC:	(A/B)
2.								
3								
4							Prevalence Index worksheet:	
5.							Total N. Commont	Malfabata
					- Total Cover		Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by:
Herb Stratum (Plot	size: 5' radius)						OBL species	x1 =
Echinochloa cru				100%	Yes	FACW	FACW species 100%	x2 = 2.00
2.	io gain			10070			FAC species	x3 =
3.							FACU species	x4 =
4.							UPL species	x5 =
5.							Column Totals: 100%	(A) 2.00 (B)
6.								
7.							Prevalence Index = E	8/A = 2.00
8.								
9.								
10.							Hydrophytic Vegetation Indicat	ors:
11.								
12.							X 1-Rapid Test for Hydrop	hytic Vegetation
13.							X 2-Dominance Test is >5	0%
14.							3-Prevalence Index is ≤	3.0 ¹
15.							4-Morphological Adapta	tions ¹ (Provide supporting
16.							data in Remarks or on a	a separate sheet)
17.							Problematic Hydrophyti	c Vegetation ¹ (Explain)
18.								
19.							¹ Indicators of hydric soil and wetle	and hydrology must
20.							be present, unless disturbed or p	roblematic.
		· · ·		100%	= Total Cover			
								· · · · · · · · · · · · · · · · · · ·
Woody Vine Stratum	n (Plot size: 30' radius)						Hydrophytic	
1							Vegetation	
2.							Present? Yes_	X No
					= Total Cover			
Remarks: (Include p	photo numbers here or o	n a separate sheet.)						

rofile Description: (Describe	to the depth nee	ded to document the	indicator or coi	nfirm the a	bsence o	f indicators.)	
epth Matrix	<u> </u>	Re	edox Features				
nches) Color (moist)		Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-16" 10YR 3/2	100					Clay Loam	
ype: C=Concentration, D=De	pletion, RM=Red	uced Matrix, CS=Cover	ed or Coated Sa	and Grains.	² Locati	on: PL=Pore Lining	g, M=Matrix.
dric Soil Indicators ³ :					Test	t Indicators of Hyd	Iric Soils:
_ Histosol (A1)			ed Matrix (S4)				anese Masses (F12)
Histic Epipedon (A2)		Sandy Red					ow Dark Surface (F22)
Black Histic (A3)		Stripped Ma	, ,			Other (Exp	lain in Remarks)
Hydrogen Sulfide (A4) Stratified Layers (A5)		Dark Surface	ky Mineral (F1)				
2 cm Muck (A10)			yed Matrix (F2)				
Depleted Below Dark Surfa	ace (A11)	Depleted M					
Thick Dark Surface (A12)		Redox Dark	Surface (F6)			³ The hydric soil i	ndicators have been updated to
Sandy Mucky Mineral (S1)		Depleted D	ark Surface (F7))		comply with the	ne Field Indicators of Hydric Soils
	(C3)	Redov Den	ressions (F8)			in the United	States, Version 8.0, 2016.
5 cm Mucky Peat or Peat (53)	Nedox Dep					
	· ·	Nedox Dep					<u> </u>
	· ·	Nedox Bep					
estrictive Layer (if observed) Type: Depth (inches):	· ·				Hydric	Soil Present?	Yes No
estrictive Layer (if observed) Type: Depth (inches): marks:	· ·				Hydric		
restrictive Layer (if observed) Type: Depth (inches): marks:	:	Nedox Dep			Hydric		
restrictive Layer (if observed) Type: Depth (inches): marks: YDROLOGY etland Hydrology Indicators:	:	<u>—</u>			Hydric	Soil Present?	Yes No
rimary Indicators (minimum of	:	heck all that apply)			Hydric	Soil Present?	Yes No
rimary Indicators (minimum of Surface Water (if observed) Type: Depth (inches): PAROLOGY Petland Hydrology Indicators: Primary Indicators (minimum of Surface Water (A1)	:	heck all that apply) Water-Stair	ned Leaves (B9))	Hydric	Soil Present? Secondary Indica	Yes No
rimary Indicators (minimum of Surface Water (A1) High Water Table (A2)	:	heck all that apply) Water-Stair Aquatic Fau	ned Leaves (B9) una (B13))	Hydric	Soil Present? Secondary Indica Surface So Drainage F	YesNo ators (minimum of two required) bil Cracks (B6) Patterns (B10)
rimary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3)	:	heck all that apply) Water-Stair Aquatic Fat	ned Leaves (B9) una (B13) ic Plants (B14)		Hydric	Secondary Indica Surface Sc Drainage F Dry-Seaso	Yes No
rimary Indicators (minimum of Surface Water (A1) High Water Table (A2)	:	heck all that apply) Water-Stair Aquatic Fau True Aquat	ned Leaves (B9) una (B13))		Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B	Yes No ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2)
rimary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	:	heck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S	ned Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1) Living Root		Secondary Indica Surface Sc Drainage F Dry-Seaso Crayfish Br Saturation	Yes No ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) surrows (C8)
rimary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	:	heck all that apply) Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized Ri	ned Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1 hizospheres on l) Living Roof (C4)	ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bi Saturation Stunted or	Ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9)
rimary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	:	heck all that apply) Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized Ri Presence o	ned Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1 hizospheres on I f Reduced Iron () Living Roof (C4)	ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or X Geomorph	Yes No ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1)
rimary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)	one is required: cl	heck all that apply) Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck	ned Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1 hizospheres on I f Reduced Iron (I Reduction in Ti) Living Roof (C4)	ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or X Geomorph	Ators (minimum of two required) polit Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)
Pastrictive Layer (if observed) Type: Depth (inches): PAROLOGY Petland Hydrology Indicators: Frimary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	one is required: cl	heck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck	ned Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1 hizospheres on I of Reduced Iron (of Reduction in Ti Surface (C7)) Living Root (C4) illed Soils (ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or X Geomorph	Ators (minimum of two required) polit Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)
rype: Depth (inches): PMOLOGY Tetland Hydrology Indicators: rimary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeria Sparsely Vegetated Concar	one is required: cl	heck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck	ned Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1 hizospheres on I f Reduced Iron (i n Reduction in Ti Surface (C7) Vell Data (D9)) Living Root (C4) illed Soils (ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or X Geomorph	Ators (minimum of two required) polit Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)
rype: Depth (inches): Depth (i	one is required: cl	heck all that apply) Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized Ri Presence of Recent Iron Thin Muck	ned Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1 hizospheres on I of Reduced Iron (of Reduction in Ti Surface (C7) Vell Data (D9) ain in Remarks)) Living Root (C4) illed Soils (ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or X Geomorph	Ators (minimum of two required) polit Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)
rimary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeria	one is required: cl	heck all that apply) Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized Ri Presence of Recent Iron Thin Muck S Gauge or W Other (Expl	ned Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1 hizospheres on I of Reduced Iron (of Reduction in Ti Surface (C7) Vell Data (D9) ain in Remarks) s): N/A) Living Root (C4) illed Soils (ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or X Geomorph	Ators (minimum of two required) polit Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)

Project/Site:	Pleasant Prairie							City/County	: Galloway/Frank	din	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy							State	: OH	Sampling Point:	dp005
Investigator(s):	B Hess								Section, Townsh	nip, Range: N/A	**
Landform (hillslope,	terrace, etc.):		Summit						Loc	cal relief (concave, convex, none):	none
Slope (%):	0%	Lat:			39.8971			Long:		-83.1768	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 pe	ercent slopes (K	(0)						NWI classifi	cation: none
Are climatic / hydrole	ogic conditions on the	site typical	for this time of y	/ear?				Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydro	ogy	N s	ignificantly dist	urbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydro	ogy	N n	aturally probler	natic?	(If needed	, explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ach site r	nap showin	g sampling	point loca	ations, tra	nsects, im	portant featu	res, etc.		
Hydrophytic Veg	getation Present?			Yes	X	No		Is the	Sampled Ar	ea	
Hydric Soil Pres				Yes		No	Х	withi	n a Wetland?	Yes	Nox
Wetland Hydrol	ogy Present?			Yes	X	No					
Remarks: VEGETATION -	Use scientific ı	names of	plants.								
							Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)						% Cover	Species?	Status	Dominance Test worksheet:	
1.											
2.										Number of Dominant Species	
3.										That Are OBL, FACW, or FAC:	1 (A)
4											
5										Total Number of Dominant	
								= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radi	us)								Percent of Dominant Species	
1										That Are OBL, FACW, or FAC:	(A/B)
2											
3.											
4										Prevalence Index worksheet:	
5.								· 			
								- Total Cover		Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by: A/B
Herb Stratum (Plot	size: 5' radius)									OBL species	x1 =
Echinochloa cru	_			_			90%	Yes	FACW	FACW species 95%	x2 = 1.90
Setaria pumila	is-gaiii						10%	No No	FAC	FAC species 10%	x3 = 0.30
Persicaria macu	ulosa						5%	No No	FACW	FACU species 7%	x4 = 0.28
Schedonorus ar							5%	No	FACU	UPL species	x5 =
5. Portulaca olerad							2%	No	FACU	Column Totals: 112%	(A) 2.48 (B)
6.											
7.										Prevalence Index = E	B/A = 2.21
8.											
9.											
10.										Hydrophytic Vegetation Indicat	tors:
11.											
12.										X 1-Rapid Test for Hydrop	phytic Vegetation
13.										X 2-Dominance Test is >5	
14.										3-Prevalence Index is ≤	
15.										4-Morphological Adapta	tions ¹ (Provide supporting
16.										data in Remarks or on	a separate sheet)
17.										Problematic Hydrophyti	ic Vegetation ¹ (Explain)
18.										—	
19.										¹ Indicators of hydric soil and wetl	and hydrology must
20.										be present, unless disturbed or p	problematic.
							112%	= Total Cover			
Woody Vine Stratum	n (Plot size: 30' radiu	s)								Hydrophytic	
1.										Vegetation	
2.										Present? Yes_	X No
								= Total Cover		1	_ _
Remarks: (Include p	photo numbers here o	r on a separ	ate sheet.)								

rofile Desc	ription: (Describe to t	he depth nee	ded to document the	indicator or c	onfirm the al	bsence of	f indicators.)		
Depth	Matrix			edox Features			,,		
nches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	- Texture	Rem	arks
0-16"	10YR 3/2	100	,				Clay Loam		
	10111101						J. J		
	oncentration, D=Deplet	tion, RM=Red	uced Matrix, CS=Cover	ed or Coated	Sand Grains.	² Locati	on: PL=Pore Lining,	M=Matrix.	
	ndicators³:					Test	t Indicators of Hydr		
_ Histoso	. ,			ed Matrix (S4))			nese Masses (F12)	
	pipedon (A2)		Sandy Red	, ,				w Dark Surface (F2	22)
_	listic (A3)		Stripped M	, ,			Other (Expla	ain in Remarks)	
	en Sulfide (A4)		Dark Surfa						
	d Layers (A5) uck (A10)			cky Mineral (F1 yed Matrix (F2	,				
	ed Below Dark Surface ((Δ11)	Depleted M)				
	ark Surface (A12)	(Δ11)		k Surface (F6)			³ The hydric soil in	dicators have been	undated to
	Mucky Mineral (S1)			ark Surface (F	7)		•	e Field Indicators o	
_ ′	ucky Peat or Peat (S3)			ressions (F8)	')			tates, Version 8.0,	•
_	ayer (if observed):							,	
Type:	ayer (if observed):								
Depth (i	nches).					Unadata	Soil Present?	Yes	No >
						Hyarıc	Son Fresent?	163	
emarks:						Hyaric	Son Fresent?		
етпагкѕ:						Hydric	Son Fresent?		
тагкѕ:						Hydric	Sui Flesent?		
	OGY					нуапс	Sui Fleseit?		
YDROLO						нуапс	Sui Fleseit?	163	
YDROLO	OGY Irology Indicators:	is required: cl	neck all that apply)			нуапс	36		
YDROLO etland Hyd rimary Indic	rology Indicators:	is required: cl		ned Leaves (B	9)	нуапс	Secondary Indicat	ors (minimum of tw Cracks (B6)	
YDROLO etland Hyd rimary Indic Surface	rology Indicators: ators (minimum of one	is required: cl			9)	нуапс	Secondary Indicat	ors (minimum of tw	
YDROLO etland Hyd rimary Indic Surface High W	rology Indicators: eators (minimum of one Water (A1)	is required: cl	Water-Stair Aquatic Fa			нуапс	Secondary Indicat Surface Soil Drainage Pa	ors (minimum of tw Cracks (B6)	
YDROLO etland Hyd rimary Indic Surface High W Saturati	rology Indicators: eators (minimum of one Water (A1) ater Table (A2)	is required: cl	Water-Stain Aquatic Fa	una (B13))	нуапс	Secondary Indicat Surface Soil Drainage Pa	ors (minimum of tw Cracks (B6) atterns (B10) Water Table (C2)	
YDROLO etland Hyd rimary Indic Surface High W Saturati Water N	rology Indicators: eators (minimum of one Water (A1) ater Table (A2) ion (A3)	is required: cl	Water-Stair Aquatic Far True Aquat Hydrogen S	una (B13) ic Plants (B14) C1)		Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur	ors (minimum of tw Cracks (B6) atterns (B10) Water Table (C2)	vo required)
YDROLO fetland Hyd rimary Indic Surface High W Saturati Water N Sedime	rology Indicators: cators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1)	is required: cl	Water-Stair Aquatic Far True Aquat Hydrogen S Oxidized R	una (B13) ic Plants (B14 Sulfide Odor (C) C1) n Living Roots		Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur	ors (minimum of tw Cracks (B6) atterns (B10) Water Table (C2) rrows (C8)	vo required) agery (C9)
YDROLO Tetland Hyd Timary Indica Surface High W Saturati Water M Sedime Drift De	rology Indicators: cators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2)	is required: cl	Water-Stain Aquatic Fai True Aquat Hydrogen S Oxidized R Presence c	una (B13) ic Plants (B14 Sulfide Odor (C hizospheres o) C1) n Living Roots n (C4)	s (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V	ors (minimum of tw Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) fisible on Aerial Im-	vo required) agery (C9)
YDROLO Tetland Hydrimary Indice Surface High W Saturati Water N Sedime Drift De Algal M	rology Indicators: cators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) posits (B3)	is required: cl	Water-Stair Aquatic Far True Aquat Hydrogen S Oxidized R Presence of	una (B13) ic Plants (B14 Sulfide Odor (C hizospheres o of Reduced Iro) C1) n Living Roots n (C4)	s (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V	ors (minimum of tw Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) fisible on Aerial Im- stressed Plants (D1 Position (D2)	vo required) agery (C9)
YDROLO etland Hyd rimary Indio Surface High W Saturati Water N Sedime Drift De Algal M Iron De	rology Indicators: cators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) posits (B3) at or Crust (B4)		Water-Stair Aquatic Far True Aquat Hydrogen S Oxidized R Presence c Recent Iror Thin Muck	una (B13) ic Plants (B14 Sulfide Odor (C hizospheres o of Reduced Iron n Reduction in) C1) n Living Roots n (C4)	s (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S X Geomorphic	ors (minimum of tw Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) fisible on Aerial Im- stressed Plants (D1 Position (D2)	vo required) agery (C9)
YDROLO etland Hydrimary Indic Surface High W Saturati Water M Sedime Drift De Algal M Iron De Inundat	rology Indicators: cators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) posits (B3) at or Crust (B4) posits (B5)	nagery (B7)	Water-Stail Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14 Sulfide Odor (C hizospheres of Reduced Iron Reduction in Surface (C7)) C1) n Living Roots n (C4) Tilled Soils (C	s (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S X Geomorphic	ors (minimum of tw Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) fisible on Aerial Im- stressed Plants (D1 Position (D2)	vo required) agery (C9)
YDROLO etland Hyd rimary Indio Surface High W Saturati Water N Sedime Drift De Algal M Iron De Inundat Sparsel	rology Indicators: cators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Im y Vegetated Concave S	nagery (B7)	Water-Stail Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14 Sulfide Odor (C hizospheres of f Reduced Iron Reduction in Surface (C7) Vell Data (D9)) C1) n Living Roots n (C4) Tilled Soils (C	s (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S X Geomorphic	ors (minimum of tw Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) fisible on Aerial Im- stressed Plants (D1 Position (D2)	vo required) agery (C9)
YDROLO Yetland Hydrimary Indio Surface High W Saturati Water N Sedime Drift De Algal M Iron De Inundat Sparsel	rology Indicators: cators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Im y Vegetated Concave S	nagery (B7)	Water-Stail Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres o of Reduced Iron n Reduction in Surface (C7) Vell Data (D9) lain in Remark) C1) n Living Roots n (C4) Tilled Soils (C	s (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S X Geomorphic	ors (minimum of tw Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) fisible on Aerial Im- stressed Plants (D1 Position (D2)	vo required) agery (C9)
YDROLO Yetland Hydrimary Indio Surface High W Saturati Water N Sedime Drift De Algal M Iron De Inundat Sparsel	rology Indicators: sators (minimum of one Water (A1) ater Table (A2) son (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) sion Visible on Aerial Im y Vegetated Concave S rations: er Present?	nagery (B7) Surface (B8)	Water-Stai Aquatic Fai True Aquat Hydrogen S Oxidized R Presence c Recent Iror Thin Muck Gauge or V Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres of Reduced Iron Reduction in Surface (C7) Vell Data (D9) lain in Remark) C1) n Living Roots n (C4) Tilled Soils (C	s (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S X Geomorphic	ors (minimum of tw Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) fisible on Aerial Im- stressed Plants (D1 Position (D2)	vo required) agery (C9)
YDROLO etland Hydrimary Indic Surface High W Saturati Water N Sedime Drift De Algal M Iron De Inundat Sparsel eld Observ	Irology Indicators: Lators (minimum of one Water (A1) Later Table (A2) Lon (A3) Marks (B1) Lon (Deposits (B2) Lon (B3) Lon (B3) Lon (B4) Lon (B5) Lon Visible on Aerial Im	agery (B7) Surface (B8) Yes No Yes No	Water-Stair Aquatic Far True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V Other (Expl	una (B13) ic Plants (B14 Sulfide Odor (C hizospheres o of Reduced Iron n Reduction in Surface (C7) Vell Data (D9) lain in Remark (s): N/A N/A	c1) n Living Roots n (C4) Tilled Soils (C	s (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S X Geomorphic	ors (minimum of tw Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) fisible on Aerial Im- stressed Plants (D1 Position (D2)	vo required)

Project/Site:	Pleasant Prairie							City/Cour	nty: Gall	oway/Frank	lin	Sampling Date: 9/29/2	2020
Applicant/Owner:	Inenergy							Sta	te: OH		Sampling Point:	dp006	
Investigator(s):	B Hess								Section	on, Townshi	ip, Range: N/A		
Landform (hillslope,	terrace, etc.):		Summit						_	Loc	al relief (concave, convex, none): r	ione	
Slope (%):	0%	Lat:		39.901				Long:			-83.1753	Datum: NAD83 UT	M16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 pe	rcent slopes (Ko)	ı							NWI classifi	cation: none	
Are climatic / hydrol	ogic conditions on the	site typical t	or this time of yea	ar?				Ye	s X	No	(If no, explain in Remarks.)		
Are Vegetation	N	, Soil	N	, or Hydrology	N	sig	nificantly dist	urbed?		Are "Norma	al Circumstances" present?	Yes X No	
Are Vegetation	N	, Soil	N	, or Hydrology	N	nat	urally probler	natic?		(If needed,	explain any answers in Remarks.)		
SUMMARY OF	FINDINGS Atta	ch site n	nap showing	sampling point	locations	s, tran	sects, imp	portant feat	ures, e	etc.			
Hydrophytic Veg	getation Present?			Yes		No	X	ls th	ne San	npled Are	ea		
Hydric Soil Pres	sent?			Yes		No	Х	with	in a V	Vetland?	Yes	Nox	
Wetland Hydrol	ogy Present?			Yes	_	No_	X						
Remarks:	Use scientific ı	names of	nlants										
VEGETATION	God Solelitino I	iumes or	piants.				Absolute	Dominant	Ir	ndicator			
Tree Stratum (Plot	size: 30' radius)					_	% Cover	Species?		Status	Dominance Test worksheet:		
1.													
2.											Number of Dominant Species		
3.											That Are OBL, FACW, or FAC:	0	(A)
4.													
5.											Total Number of Dominant		
								= Total Cover			Species Across All Strata:	2	(B)
Sapling/Shrub Strate	um (Plot size: 15' radi	us)									Percent of Dominant Species		
1											That Are OBL, FACW, or FAC:	0%	(A/B)
2.													
3.													
4											Prevalence Index worksheet:		
5.													
								- Total Cover			Total % Cover of:	Multiply by	
Llash Charles (Dist	since El codices										That Are OBL, FACW, or FAC:		A/B
Herb Stratum (Plot	size: 5 radius)			-							OBL species	x1 =	
1. Glycine max						— -	75%	Yes		UPL	FACW species	x2 =	
Sida spinosa 3.						— -	20%	Yes	- —	FACU	FAC species FACU species 20%	x3 =	
3.						— -			- —		UPL species 75%	x4 = 0.80 x5 = 3.75	
5						— -			- —		Column Totals: 95%	(A) 4.55	
6									- —		Column rotals.	(1)	(8)
7						— -			- —		Prevalence Index = E	3/A = 4.79	
, · · · · · · · · · · · · · · · · · · ·						— -			- —		Prevalence macx = E	4.75	
9.													
10.											Hydrophytic Vegetation Indicat	ors:	
11.											Trydrophytic vegetation malcut	515.	
12.											1-Rapid Test for Hydrop	hytic Vegetation	
13.											2-Dominance Test is >5		
14.											3-Prevalence Index is ≤		
15.											4-Morphological Adapta		ing
16.											data in Remarks or on a		•
17.											Problematic Hydrophyti)
18.											—		
19.											¹ Indicators of hydric soil and wetle	and hydrology must	
20.											be present, unless disturbed or p		
							95%	= Total Cover					
								30.31					
Woody Vine Stratun	n (Plot size: 30' radiu	s)									Hydrophytic		
	- `										Vegetation		
2.												NoX_	
								= Total Cover					
								•					
Remarks: (Include	photo numbers here o	on a separ	ate sheet.)										

rofile Description: (Describe to	the depth nee	ded to document the i	ndicator or co	onfirm the a	bsence o	f indicators.)		
epth Matrix		Re	dox Features					
nches) Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Re	emarks
0-16" 10YR 3/1	100					Clay Loam		
ype: C=Concentration, D=Deple	tion, RM=Redu	uced Matrix, CS=Cover	ed or Coated S	Sand Grains.	² Locati	on: PL=Pore Lining,	M=Matrix.	
dric Soil Indicators ³ :					Test	t Indicators of Hydr	ic Soils:	
_ Histosol (A1)			ed Matrix (S4)				nese Masses (F1	-
Histic Epipedon (A2)		Sandy Redo					w Dark Surface (F22)
Black Histic (A3)		Stripped Ma	, ,			Other (Expla	ain in Remarks)	
Hydrogen Sulfide (A4) Stratified Layers (A5)		Dark Surfac	e (S7) ky Mineral (F1					
2 cm Muck (A10)			ed Matrix (F2)	,				
Depleted Below Dark Surface	(A11)	Depleted M	, ,	,				
Thick Dark Surface (A12)	V /		Surface (F6)			³ The hydric soil in	dicators have be	en updated to
			ark Surface (F	7)		-	e Field Indicators	
Sandy Mucky Mineral (S1)								
Sandy Mucky Mineral (S1)5 cm Mucky Peat or Peat (S3)			ressions (F8)			in the United S	tates, Version 8	.0, 2016.
5 cm Mucky Peat or Peat (S3)						in the United S	tates, Version 8	.0, 2016.
5 cm Mucky Peat or Peat (S3)						in the United S	tates, Version 8	.0, 2016.
5 cm Mucky Peat or Peat (S3)					Hydric	in the United S Soil Present?	tates , Version 8.	.0, 2016. NoX
5 cm Mucky Peat or Peat (S3) estrictive Layer (if observed): Type:					Hydric			
5 cm Mucky Peat or Peat (S3) estrictive Layer (if observed): Type: Depth (inches): marks:					Hydric			
5 cm Mucky Peat or Peat (S3) strictive Layer (if observed): Type: Depth (inches): marks:					Hydric			
5 cm Mucky Peat or Peat (S3) strictive Layer (if observed): Type: Depth (inches): marks:		Redox Depi			Hydric	Soil Present?	Yes	No X
5 cm Mucky Peat or Peat (S3) strictive Layer (if observed): Type: Depth (inches): marks:		Redox Depi		9)	Hydric	Soil Present?	Yes	No X
5 cm Mucky Peat or Peat (S3) strictive Layer (if observed): Type: Depth (inches): marks: DROLOGY stland Hydrology Indicators: smary Indicators (minimum of one)		Redox Depi	ned Leaves (B	9)	Hydric	Soil Present? Secondary Indicat Surface Soil	Yes	No X
5 cm Mucky Peat or Peat (S3) strictive Layer (if observed): Type: Depth (inches): marks: DROLOGY tland Hydrology Indicators: mary Indicators (minimum of one Surface Water (A1)		Redox Depi	ned Leaves (B		Hydric	Soil Present? Secondary Indicat Surface Soil Drainage Pa	Yes ors (minimum of Cracks (B6)	No X
5 cm Mucky Peat or Peat (S3) strictive Layer (if observed): Type: Depth (inches): narks: DROLOGY stland Hydrology Indicators: mary Indicators (minimum of one Surface Water (A1) High Water Table (A2)		neck all that apply) Water-Stair Aquatic Fau True Aquati	ned Leaves (Barana (B13))	Hydric	Soil Present? Secondary Indicat Surface Soil Drainage Pa	ors (minimum of Cracks (B6) atterns (B10) Water Table (C2	No X
5 cm Mucky Peat or Peat (S3) strictive Layer (if observed): Type: Depth (inches): narks: DROLOGY tland Hydrology Indicators: mary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3)		neck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S	ned Leaves (Bina (B13)) ;1)		Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bui	ors (minimum of Cracks (B6) atterns (B10) Water Table (C2	No X
5 cm Mucky Peat or Peat (S3) strictive Layer (if observed): Type: Depth (inches): marks: DROLOGY stland Hydrology Indicators: imary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)		neck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri	ned Leaves (B9 una (B13) c Plants (B14) sulfide Odor (C) :1) n Living Roo		Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish But Saturation V	ors (minimum of Cracks (B6) atterns (B10) Water Table (C2 rrows (C8)	No X two required)
5 cm Mucky Peat or Peat (S3) strictive Layer (if observed): Type: Depth (inches): narks: DROLOGY tland Hydrology Indicators: mary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)		Redox Depi neck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o	ned Leaves (B9 una (B13) ic Plants (B14) sulfide Odor (C nizospheres or) c1) n Living Room n (C4)	ts (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bui Saturation V Stunted or S Geomorphic	ors (minimum of Cracks (B6) atterns (B10) Water Table (C2 rrows (C8) /isible on Aerial I stressed Plants (E)	No X two required)
5 cm Mucky Peat or Peat (S3) strictive Layer (if observed): Type: Depth (inches): marks: DROLOGY stland Hydrology Indicators: mary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	is required: cf	Redox Depi	ned Leaves (Bina (B13) c Plants (B14) culfide Odor (Chizospheres or Reduced Iror) c1) n Living Room n (C4)	ts (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish But Saturation V Stunted or S	ors (minimum of Cracks (B6) atterns (B10) Water Table (C2 rrows (C8) /isible on Aerial I stressed Plants (E)	No X two required)
strictive Layer (if observed): Type: Depth (inches): marks: DROLOGY etland Hydrology Indicators: imary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial In	is required: ch	neck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S	ned Leaves (Bi una (B13) ic Plants (B14) dulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) /ell Data (D9)) n Living Room n (C4) Tilled Soils (ts (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bui Saturation V Stunted or S Geomorphic	ors (minimum of Cracks (B6) atterns (B10) Water Table (C2 rrows (C8) /isible on Aerial I stressed Plants (E1)	No X two required)
5 cm Mucky Peat or Peat (S3) strictive Layer (if observed): Type: Depth (inches): marks: DROLOGY etland Hydrology Indicators: imary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	is required: ch	neck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S	ned Leaves (Bigura (B13)) to Plants (B14) tulfide Odor (Chizospheres or f Reduced Iror Reduction in Surface (C7)) n Living Room n (C4) Tilled Soils (ts (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bui Saturation V Stunted or S Geomorphic	ors (minimum of Cracks (B6) atterns (B10) Water Table (C2 rrows (C8) /isible on Aerial I stressed Plants (E1)	No X two required)
strictive Layer (if observed): Type: Depth (inches): marks: TDROLOGY etland Hydrology Indicators: imary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial In Sparsely Vegetated Concave	is required: ch	neck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S	ned Leaves (Bi una (B13) ic Plants (B14) dulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) /ell Data (D9)) n Living Room n (C4) Tilled Soils (ts (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bui Saturation V Stunted or S Geomorphic	ors (minimum of Cracks (B6) atterns (B10) Water Table (C2 rrows (C8) /isible on Aerial I stressed Plants (E1)	No X two required)
5 cm Mucky Peat or Peat (S3) strictive Layer (if observed): Type: Depth (inches): marks: Marks:	nagery (B7) Surface (B8) Yes No	Redox Depi meck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S Gauge or W Other (Expl.	ned Leaves (Bsuna (B13) c Plants (B14) culfide Odor (Conizospheres or f Reduced Iron Reduction in Surface (C7) /ell Data (D9) ain in Remarks) n Living Room n (C4) Tilled Soils (ts (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bui Saturation V Stunted or S Geomorphic	ors (minimum of Cracks (B6) atterns (B10) Water Table (C2 rrows (C8) /isible on Aerial I stressed Plants (E1)	No X two required)
strictive Layer (if observed): Type: Depth (inches): marks: TDROLOGY etland Hydrology Indicators: imary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial In Sparsely Vegetated Concave eld Observations: urface Water Present? ater Table Present?	nagery (B7) Surface (B8) Yes No Yes No	Redox Depi meck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S Gauge or W Other (Expl.	ned Leaves (Bisina (B13)) or Plants (B14) or Plants (B14) or Plants (B14) or Reduced Iror Reduction in Surface (C7) /ell Data (D9) ain in Remarks s): N/A	n Living Roof n (C4) Tilled Soils (ts (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish But Saturation V Stunted or S Geomorphic FAC-Neutra	Yesors (minimum of Cracks (B6) atterns (B10) Water Table (Carrows (C8) /isible on Aerial I Stressed Plants (Exposition (D2) I Test (D5)	No X two required) 2) magery (C9) D1)
strictive Layer (if observed): Type: Depth (inches): marks: TDROLOGY etland Hydrology Indicators: imary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial In	nagery (B7) Surface (B8) Yes No Yes No	Redox Depi meck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S Gauge or W Other (Expl.	ned Leaves (Bisina (B13)) or Plants (B14) or Plants (B14) or Plants (B14) or Reduced Iror Reduction in Surface (C7) /ell Data (D9) ain in Remarks s): N/A	n Living Roof n (C4) Tilled Soils (ts (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bui Saturation V Stunted or S Geomorphic	ors (minimum of Cracks (B6) atterns (B10) Water Table (C2 rrows (C8) /isible on Aerial I stressed Plants (E1)	No X two required)

Project/Site:	Pleasant Prairie				City/Count	y: Galloway/Frank	din	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy				State	e: OH	Sampling Point:	dp007
Investigator(s):	B Hess					Section, Townsh	nip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Stream Terrace				Loc	cal relief (concave, convex, none):	none
Slope (%):	0%	Lat:	39.8959		Long:		-83.1695	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loar	m, 0 to 2 percent slopes (Ko)				NWI classif	ication: none
Are climatic / hydrol	ogic conditions on the s	site typical for this time of ye	ar?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology N	significantly of	listurbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil N	, or Hydrology N	naturally prob	elematic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site map showing	sampling point locati	ons, transects, i	mportant featu	ıres, etc.		
Hydrophytic Veg	getation Present?		Yes x	No	Is the	e Sampled Ar	ea	
Hydric Soil Pres			Yes x	No	withi	n a Wetland?	Yes x	No
Wetland Hydrol	ogy Present?		Yes x	No	_			
Remarks:	Use scientific n	ames of plants.						
1202		unico oi pianto.		Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet:	
1.								
2.							Number of Dominant Species	
3.					_		That Are OBL, FACW, or FAC:	1 (A)
4.								
5.							Total Number of Dominant	
					= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radiu	s)					Percent of Dominant Species	
1							That Are OBL, FACW, or FAC:	(A/B)
2.								
3.								
4.					_		Prevalence Index worksheet:	
5.					_			
					- Total Cover		Total % Cover of:	Multiply by:
							That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot			-				OBL species 90%	x1 = 0.90
Leersia oryzoide				90%	Yes	OBL	FACW species 10%	x2 = 0.20
2. Bidens frondose				10%	No	FACW	FAC species 5%	x3 = 0.15
Ambrosia trifida				5%	No	FAC	FACU species	x4 =
4							UPL species	x5 =
5							Column Totals: 105%	(A) 1.25 (B)
6								
·							Prevalence Index = i	B/A = 1.19
°.								
9								
10							Hydrophytic Vegetation Indica	tors:
11							V 1 Danid Toot for Under	hutia Vacatatian
							X 1-Rapid Test for Hydron	
13							X 2-Dominance Test is >5 x 3-Prevalence Index is ≤	
15.							_	itions ¹ (Provide supporting
16.						- ——	data in Remarks or on	
17.							1	ic Vegetation ¹ (Explain)
18.								(=,p.a)
19.							¹ Indicators of hydric soil and wetl	and hydrology must
20.							be present, unless disturbed or p	
				105%	= Total Cover		Do prosont, unless disturbed of p	Towns Hally.
				100%	- rotal Cover			
Woody Vine Stratun	n (Plot size: 30' radius)					Hydrophytic	
1.	. (. 10t 3120. 30 radius						Vegetation	
2.							1	X No
					= Total Cover		1000	
Remarks: (Include	photo numbers here or	on a separate sheet \						
, and the first								

rofile Des	cription: (Describe to t	he depth need	ded to document the i	ndicator or co	onfirm the a	bsence o	f indicators.)		
Depth	Matrix			dox Features					
inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks	
0-16"	10YR 4/1	90	10YR 4/6	10	C	M	Clay Loam		
							- <u> </u>		
		- — —		- ——					
Type: C=0	Concentration, D=Depleti	ion, RM=Redu	ced Matrix, CS=Covere	ed or Coated S	and Grains.	² Locati	on: PL=Pore Linir	g, M=Matrix.	
ydric Soil	Indicators ³ :					Tes	t Indicators of Hy	dric Soils:	
Histos	ol (A1)		Sandy Gley	ed Matrix (S4)			Iron-Mang	anese Masses (F12)	
Histic	Epipedon (A2)		Sandy Redo	ox (S5)			Very Shal	ow Dark Surface (F22)	
Black	Histic (A3)		Stripped Ma	ıtrix (S6)			Other (Ex	olain in Remarks)	
Hydrog	gen Sulfide (A4)		Dark Surfac	e (S7)					
Stratifi	ed Layers (A5)		Loamy Muc	ky Mineral (F1)				
2 cm N	/luck (A10)			ed Matrix (F2)					
	ed Below Dark Surface (A11)	X Depleted M				2		
	Dark Surface (A12)			Surface (F6)			-	indicators have been update	
_ ′	Mucky Mineral (S1)			ark Surface (F	7)			he Field Indicators of Hydric	Soils
5 cm N	Mucky Peat or Peat (S3)		Redox Depr	essions (F8)			in the United	States, Version 8.0, 2016.	
	Layer (if observed):								
Туре:									
Type: Depth	Layer (if observed): (inches):					Hydric	Soil Present?	Yes X No)
Type:	(inches):					Hydric	Soil Present?	Yes X No)
Type: Depth	(inches):					Hydric	Soil Present?	Yes X No)
Type: Depth	OGY drology Indicators:	is required; ch	eck all that apply)			Hydric	T		8 63
Type: Depth of Depth	OGY drology Indicators:	is required: ch		ed Leaves (B	9)	Hydric	Secondary Indic	ators (minimum of two requi	8 63
Type: Depth of the control of the co	OGY drology Indicators: icators (minimum of one e Water (A1)	is required: ch	Water-Stain	ned Leaves (B	9)	Hydric	Secondary Indic	ators (minimum of two requi	8 63
Type: Depth of the property of	OGY drology Indicators: icators (minimum of one we Water (A1) Vater Table (A2)	is required: ch	Water-Stain Aquatic Fau	ına (B13)		Hydric	Secondary Indic	ators (minimum of two requi	8 63
Type: Depth (Pmarks: PMOL Tetland Hy Trimary Ind Surface High V X Satura	OGY drology Indicators: icators (minimum of one e Water (A1)	is required: ch	Water-Stain Aquatic Fau True Aquati			Hydric	Secondary India Surface S X Drainage Dry-Seaso	ators (minimum of two requi oil Cracks (B6) Patterns (B10)	8 63
Type: Depth of the property of	OGY drology Indicators: icators (minimum of one e Water (A1) Vater Table (A2) tion (A3)	is required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S	ina (B13) c Plants (B14)	1)		Secondary Indic Surface S X Drainage Dry-Seasc Crayfish E	ators (minimum of two requi oil Cracks (B6) Patterns (B10) on Water Table (C2)	ired)
Type: Depth of the property of	COGY drology Indicators: icators (minimum of one le Water (A1) Vater Table (A2) tition (A3) Marks (B1)	is required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ina (B13) c Plants (B14) ulfide Odor (C	1) Living Roo		Secondary Indic Surface S X Drainage Dry-Sease Crayfish E Saturation	ators (minimum of two requi oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8)	ired)
Type: Depth of the property of	COGY drology Indicators: icators (minimum of one te Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2)	is required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or	1) Living Roo (C4)	ts (C3)	Secondary Indic Surface S X Drainage Dry-Sease Crayfish E Saturatior Stunted o	ators (minimum of two requi oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8) Visible on Aerial Imagery (C	ired)
Type: Depth of the property of	COGY drology Indicators: icators (minimum of one te Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3)	is required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror	1) Living Roo (C4)	ts (C3)	Secondary Indic Surface S X Drainage Dry-Sease Crayfish E Saturatior Stunted o	ators (minimum of two requion control	ired)
Type: Depth of the property of	COGY drology Indicators: icators (minimum of one le Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4)		Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in	1) Living Roo (C4)	ts (C3)	Secondary Indic Surface S X Drainage Dry-Seasc Crayfish E Saturatior Stunted o Geomorpl	ators (minimum of two requion control	ired)
Type: Depth of the property of	drology Indicators: icators (minimum of one water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5)	agery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7)	1) Living Roo (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S X Drainage Dry-Seasc Crayfish E Saturatior Stunted o Geomorpl	ators (minimum of two requion control	ired)
Type: Depth (Permarks: Proposition of the proposi	COGY drology Indicators: icators (minimum of one le Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Wat or Crust (B4) eposits (B5) ation Visible on Aerial Imagely Vegetated Concave S	agery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Gurface (C7) /ell Data (D9)	1) Living Roo (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S X Drainage Dry-Seasc Crayfish E Saturatior Stunted o Geomorpl	ators (minimum of two requion control	ired)
Type: Depth (Primary Indi Surface High V X Satura Water Sedim Drift D Algal N Iron Do Inunda Sparse Seld Obser	COGY drology Indicators: icators (minimum of one le Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) ation Visible on Aerial Imagely Vegetated Concave Servations:	agery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) /ell Data (D9) ain in Remarks	1) Living Roo (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S X Drainage Dry-Seasc Crayfish E Saturatior Stunted o Geomorpl	ators (minimum of two requion control	ired)
Type: Depth (Cinches): COGY drology Indicators: icators (minimum of one le Water (A1) Vater Table (A2) Ition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) Ition Visible on Aerial Imagely Vegetated Concave Servations: Iter Present?	agery (B7) Surface (B8)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) /ell Data (D9) ain in Remarks	1) Living Roo (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S X Drainage Dry-Seasc Crayfish E Saturatior Stunted o Geomorpl	ators (minimum of two requion control	ired)
Type: Depth (drology Indicators: icators (minimum of one water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) ation Visible on Aerial Imagely Vegetated Concave Servations: ter Present?	agery (B7) Surface (B8) Yes No	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain X Depth (inches	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Gurface (C7) /ell Data (D9) ain in Remarks s): N/A N/A	1) Living Roo (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S X Drainage Dry-Seasc Crayfish E Saturatior Stunted o Geomorpl	ators (minimum of two requion control	ired)

Project/Site:	Pleasant Prairie					City/County	: Galloway/Frank	din	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy					State	: OH	Sampling Point:	dp008
Investigator(s):	B Hess						Section, Townsh	nip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Summi	t				Loc	cal relief (concave, convex, none):	none
Slope (%):	0%	Lat:	39.8936			Long:		-83.1696	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 percent sl	opes (Ko)					NWI classifi	ication: none
Are climatic / hydrol	ogic conditions on the	site typical for this t	ime of year?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N , or Hydrology	N sig	gnificantly dist	urbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N , or Hydrology	N na	aturally problen	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site map sl	nowing sampling point lo	ations, trai	nsects, imp	ortant featu	res, etc.		
Hydrophytic Veg	getation Present?		Yes	No	X	Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?		Yes x	No		withi	n a Wetland?	Yes	Nox
Wetland Hydrol	ogy Present?		Yes	No	X				
Remarks:	Use scientific n	ames of plant	s						
1202		annes er plant			Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)				% Cover	Species?	Status	Dominance Test worksheet:	
1.									
2.								Number of Dominant Species	
3.								That Are OBL, FACW, or FAC:	(A)
4									
5.								Total Number of Dominant	
						= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radio	us)						Percent of Dominant Species	
1								That Are OBL, FACW, or FAC:	(A/B)
2									
3.									
4								Prevalence Index worksheet:	
5.								Total N. Course of	M. Walanta
						- Total Cover		Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by: A/B
Herb Stratum (Plot	size: 5' radius)							OBL species	x1 =
Glycine max					85%	Yes	UPL	FACW species	x2 =
Abutilon theoph.	rasti				10%	No	FACU	FAC species	x3 =
3. Sida spinosa					5%	No	FACU	FACU species 15%	x4 = 0.60
4.								UPL species 85%	x5 = 4.25
5.								Column Totals: 100%	(A) 4.85 (B)
6.									
7.								Prevalence Index = 8	B/A = 4.85
8.									
9.									
10.								Hydrophytic Vegetation Indicat	tors:
11.									
12.								1-Rapid Test for Hydrop	phytic Vegetation
13.								2-Dominance Test is >5	50%
14								3-Prevalence Index is ≤	
15.								4-Morphological Adapta	itions ¹ (Provide supporting
16								data in Remarks or on	
17								Problematic Hydrophyti	ic Vegetation ¹ (Explain)
18									
19								¹ Indicators of hydric soil and wetl	
20								be present, unless disturbed or p	problematic.
					100%	= Total Cover			
	n (Plot size: 30' radius							Hydrophytic	
								Vegetation	
2								Present? Yes_	No_X
				-		= Total Cover			
Barranton director	abata assat t							1	
rkemarks: (Include	photo numbers here or	on a separate shee	st.)						

rofile Description: (Describe to the	e depth need	ded to document the i	ndicator or c	onfirm the a	bsence o	f indicators.)	
Depth Matrix	-	Re	dox Features				
inches) Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-16" 10YR 4/2	95	10YR 3/6	5		M	Clay Loam	
Type: C=Concentration, D=Depletio	on. RM=Redu	ced Matrix. CS=Covere	ed or Coated S	Sand Grains	² Locati	on: PL=Pore Linin	g. M=Matrix
ydric Soil Indicators ³ :	ni, ran rada	ood maanx, oo ooron	ou or ooutou t	ouria oranio		t Indicators of Hy	
Histosol (A1)		Sandy Gley	ed Matrix (S4))	100	•	anese Masses (F12)
Histic Epipedon (A2)		Sandy Redo	, ,				ow Dark Surface (F22)
Black Histic (A3)		Stripped Ma	trix (S6)			Other (Ex	olain in Remarks)
Hydrogen Sulfide (A4)		Dark Surfac	e (S7)				
Stratified Layers (A5)		Loamy Muc	ky Mineral (F1	1)			
2 cm Muck (A10)		Loamy Gley	ed Matrix (F2))			
Depleted Below Dark Surface (A	(11)	_X Depleted Ma	atrix (F3)				
Thick Dark Surface (A12)		Redox Dark	Surface (F6)			•	indicators have been updated to
Sandy Mucky Mineral (S1)		Depleted Da	ark Surface (F	7)		comply with t	he Field Indicators of Hydric Soils
5 cm Mucky Peat or Peat (S3)		Redox Depr	essions (F8)			in the United	States, Version 8.0, 2016.
actrictive Lover (if absenced).							
estrictive Layer (if observed):							
Type:							
• , , ,					Hydric	Soil Present?	Yes X No
Type: Depth (inches): emarks:					Hydric	Soil Present?	Yes <u>X</u> No
Type: Depth (inches): emarks:					Hydric	Soil Present?	Yes X No
Type: Depth (inches): emarks: YDROLOGY Vetland Hydrology Indicators:					Hydric	3	
Type: Depth (inches): Primary Indicators (minimum of one is	s required: ch		ad Legyes /P	0)	Hydric	Secondary Indic	ators (minimum of two required)
Type: Depth (inches): Pmarks: PMOLOGY Vetland Hydrology Indicators: Irimary Indicators (minimum of one is Surface Water (A1)	s required: ch	Water-Stain	ed Leaves (B	9)	Hydric	Secondary Indic	ators (minimum of two required) oil Cracks (B6)
Type: Depth (inches): Pmarks: PMOLOGY Vetland Hydrology Indicators: Irimary Indicators (minimum of one is Surface Water (A1) High Water Table (A2)	s required: ch	Water-Stain Aquatic Fau	na (B13)		Hydric	Secondary Indic	ators (minimum of two required) oil Cracks (B6) Patterns (B10)
Type: Depth (inches): PMACLOGY Vetland Hydrology Indicators: Irimary Indicators (minimum of one is Surface Water (A1) High Water Table (A2) Saturation (A3)	s required: ch	Water-Stain Aquatic Fau True Aquati	na (B13) c Plants (B14))	Hydric	Secondary Indic Surface S Drainage Dry-Seaso	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2)
Type: Depth (inches): PMARCH STATE OF THE PROBLEM	s required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S	ina (B13) c Plants (B14) ulfide Odor (C) (1)		Secondary Indic Surface S Drainage Dry-Seasc Crayfish E	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) surrows (C8)
Type: Depth (inches): PMARCH STATE OF THE TOTAL OF THE T	s required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	na (B13) c Plants (B14) ulfide Odor (C nizospheres on) (1) n Living Roo		Secondary Indic Surface S Drainage Dry-Seasc Crayfish E Saturation	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) surrows (C8) Visible on Aerial Imagery (C9)
Type: Depth (inches): PMARCLOGY Vetland Hydrology Indicators: Trimary Indicators (minimum of one is Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	s required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	na (B13) c Plants (B14) ulfide Odor (C nizospheres of Reduced Iron) c1) n Living Roo n (C4)	ts (C3)	Secondary Indic Surface S Drainage Dry-Seaso Crayfish E Saturation Stunted o	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8) Visible on Aerial Imagery (C9)
Type: Depth (inches): PMARCLOGY Vetland Hydrology Indicators: Imary Indicators (minimum of one is Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)	s required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of	na (B13) c Plants (B14) ulfide Odor (C nizospheres or FReduced Iron Reduction in) c1) n Living Roo n (C4)	ts (C3)	Secondary Indic Surface S Drainage Dry-Seaso Crayfish E Saturation Stunted or	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8) Visible on Aerial Imagery (C9) • Stressed Plants (D1) oic Position (D2)
Type: Depth (inches): PMOLOGY Vetland Hydrology Indicators: Primary Indicators (minimum of one is Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	·	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S	na (B13) c Plants (B14) ulfide Odor (C nizospheres or Reduced Iror Reduction in Surface (C7)) c1) n Living Roo n (C4)	ts (C3)	Secondary Indic Surface S Drainage Dry-Seaso Crayfish E Saturation Stunted or	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8) Visible on Aerial Imagery (C9)
Type: Depth (inches): PMOLOGY Vetland Hydrology Indicators: Primary Indicators (minimum of one is Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Image	gery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	na (B13) c Plants (B14) ulfide Odor (C nizospheres or FReduced Iron Reduction in) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S Drainage Dry-Seaso Crayfish E Saturation Stunted or	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8) Visible on Aerial Imagery (C9) • Stressed Plants (D1) oic Position (D2)
Type: Depth (inches): Primarks: Primary Indicators (minimum of one is Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Images	gery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	na (B13) c Plants (B14) ulfide Odor (C nizospheres or Reduced Iror Reduction in Surface (C7) fell Data (D9)) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S Drainage Dry-Seaso Crayfish E Saturation Stunted or	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8) Visible on Aerial Imagery (C9) • Stressed Plants (D1) oic Position (D2)
Type: Depth (inches): Primarks: Primary Indicators (minimum of one is Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Images Sparsely Vegetated Concave Surield Observations:	gery (B7) urface (B8)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	na (B13) c Plants (B14) ulfide Odor (C nizospheres or F Reduced Iror Reduction in Surface (C7) (ell Data (D9) ain in Remark) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S Drainage Dry-Seaso Crayfish E Saturation Stunted or	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8) Visible on Aerial Imagery (C9) • Stressed Plants (D1) oic Position (D2)
Type: Depth (inches): Primarks: Primary Indicators (minimum of one is Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Images Sparsely Vegetated Concave Surield Observations: Surface Water Present?	gery (B7) urface (B8) ′es No_	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	na (B13) c Plants (B14) ulfide Odor (C istospheres or FReduced Iror Reduction in Surface (C7) (ell Data (D9) ain in Remark) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S Drainage Dry-Seaso Crayfish E Saturation Stunted or	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8) Visible on Aerial Imagery (C9) • Stressed Plants (D1) oic Position (D2)
Type: Depth (inches): Primarks: Primary Indicators (minimum of one is Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Images Sparsely Vegetated Concave Surield Observations: Surface Water Present? Vater Table Present?	gery (B7) urface (B8)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain X Depth (inches	na (B13) c Plants (B14) ulfide Odor (C nizospheres or F Reduced Iror Reduction in Gurface (C7) fell Data (D9) ain in Remark s): N/A N/A	n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S Drainage Dry-Seasc Crayfish E Saturation Stunted or	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) oic Position (D2)

Project/Site:	Pleasant Prairie						City/County	: Galloway/Frank	din	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy						State	: ОН	Sampling Point:	dp009
Investigator(s):	B Hess							Section, Townsh	nip, Range: N/A	***
Landform (hillslope,	terrace, etc.):	Sum	mit					Loc	cal relief (concave, convex, none):	none
Slope (%):	0%	Lat:		39.8925			Long:		-83.1727	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 percen	t slopes (Ko)						NWI classifi	cation: none
Are climatic / hydrol	ogic conditions on the	site typical for thi	is time of year?				Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N , or l	Hydrology	N	significantly dist	urbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N , or	Hydrology	N	naturally probler	natic?	(If needed	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site map	showing samp	ling point loc	ations, tr	ransects, imp	oortant featur	res, etc.		
Hydrophytic Veg	getation Present?		Yes		N	о х	Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?		Yes	X	N	٥	withir	n a Wetland?	Yes	Nox
Wetland Hydrol	ogy Present?		Yes		N	0 X				
Remarks:	Use scientific n	ames of pla	nte							
VEGETATION	- Ose scientine n	anies or pia	iits.			Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)					% Cover	Species?	Status	Dominance Test worksheet:	
1.										
2.									Number of Dominant Species	
3.									That Are OBL, FACW, or FAC:	(A)
4.										
5.									Total Number of Dominant	
							= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radiu	ıs)							Percent of Dominant Species	
1									That Are OBL, FACW, or FAC:	(A/B)
2										
3										
4									Prevalence Index worksheet:	
5.										
							= Total Cover		Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by: A/B
Herb Stratum (Plot	eize: 5' radius)								OBL species	x1 =
Glycine max	size. 5 faulus)					85%	Yes	UPL	FACW species 5%	x2 = 0.10
Abutilon theoph	racti					5%	No	FACU	FAC species 5%	x3 = 0.10
3. Sida spinosa	70017					5%	No	FACU	FACU species 10%	x4 = 0.40
4. Echinochloa cru	ıs-nalli					5%	No	FACW	UPL species 85%	x5 = 4.25
5	io gain								Column Totals: 100%	(A) 4.75 (B)
6										
7.									Prevalence Index = B	B/A = 4.75
8.										
9.										
10.									Hydrophytic Vegetation Indicat	tors:
11.										
12.									1-Rapid Test for Hydrop	phytic Vegetation
13.									2-Dominance Test is >5	50%
14.									3-Prevalence Index is ≤	3.0 ¹
15.									4-Morphological Adapta	tions ¹ (Provide supporting
16.									data in Remarks or on	a separate sheet)
17.									Problematic Hydrophyti	ic Vegetation ¹ (Explain)
18.										
19.									¹ Indicators of hydric soil and wetl	and hydrology must
20.									be present, unless disturbed or p	problematic.
						100%	= Total Cover			
Woody Vine Stratun	n (Plot size: 30' radius								Hydrophytic	
									Vegetation	
2									Present? Yes_	No_X
							= Total Cover			
Remarks: (Include	photo numbers here or	on a separate si	neet.)							

rofile Description: (Describe to th	e depth need	ded to document the i	ndicator or co	onfirm the a	bsence o	f indicators.)	
Depth Matrix	•		dox Features			,	
nches) Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-16" 10YR 3/1	95	10YR 3/6	5			Clay Loam	
Type: C=Concentration, D=Depletion ydric Soil Indicators ³ :	on, RM=Redu	ced Matrix, CS=Covere	ed or Coated S	Sand Grains		on: PL=Pore Linia	
		Sandy Clay	ed Matrix (S4)		ies	t Indicators of Hy	
Histosol (A1) Histic Epipedon (A2)		Sandy Gley	, ,				ganese Masses (F12) low Dark Surface (F22)
Black Histic (A3)		Stripped Ma					plain in Remarks)
Hydrogen Sulfide (A4)		Dark Surface	, ,			Other (Ex	plain in Remarks)
Stratified Layers (A5)			ky Mineral (F1	1			
2 cm Muck (A10)			ed Matrix (F2)	,			
Depleted Below Dark Surface (A	A11)	Depleted Ma	, ,	1			
Thick Dark Surface (A12)	,		Surface (F6)			³ The hydric soil	indicators have been updated to
Sandy Mucky Mineral (S1)			ark Surface (F	7)		•	the Field Indicators of Hydric Soils
5 cm Mucky Peat or Peat (S3)			ressions (F8)	.,			States, Version 8.0, 2016.
estrictive Layer (if observed):		_ 					
. , ,							
Type:					Hydric	Soil Present?	Yes X No
Type:					Hydric	Soil Present?	Yes X No
Type:					Hydric	Soil Present?	Yes X No
Type:					Hydric	Soil Present?	Yes X No
Type:					Hydric	Soil Present?	Yes X No
Type:					Hydric	Soil Present?	Yes X No
Type:					Hydric	31	
Type: Depth (inches): Pmarks: YDROLOGY Vetland Hydrology Indicators: rimary Indicators (minimum of one is	s required: ch				Hydric	Secondary India	cators (minimum of two required)
Type: Depth (inches): Pmarks: PMOLOGY Tetland Hydrology Indicators: rimary Indicators (minimum of one is Surface Water (A1)	s required: ch	Water-Stain	ned Leaves (B	9)	Hydric	Secondary India	cators (minimum of two required) soil Cracks (B6)
Type: Depth (inches): Pmarks: PMOLOGY Tetland Hydrology Indicators: rimary Indicators (minimum of one is Surface Water (A1) High Water Table (A2)	s required: ch	Water-Stain Aquatic Fau	ına (B13)		Hydric	Secondary Indic	cators (minimum of two required) soil Cracks (B6) Patterns (B10)
Type: Depth (inches): PMARCH Depth (inche	s required: ch	Water-Stain Aquatic Fau True Aquati	ına (B13) c Plants (B14)		Hydric	Secondary Indio Surface S Drainage Dry-Seas	cators (minimum of two required) ioil Cracks (B6) Patterns (B10) on Water Table (C2)
Type: Depth (inches): PMARCH STATE OF THE S	s required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S	ina (B13) c Plants (B14) ulfide Odor (C	1)		Secondary India Surface S Drainage Dry-Seas Crayfish B	cators (minimum of two required) foil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8)
Type: Depth (inches): PMARCH STATE OF THE TOTAL CONTROL OF THE TOTAL CO	s required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ina (B13) c Plants (B14) culfide Odor (C nizospheres or	1) 1) n Living Roo		Secondary India Surface S Drainage Dry-Seas Crayfish B	cators (minimum of two required) foil Cracks (B6) Patterns (B10) on Water Table (C2) Surrows (C8) n Visible on Aerial Imagery (C9)
Type: Depth (inches): PMARCLOGY Setland Hydrology Indicators: rimary Indicators (minimum of one is Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	s required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ina (B13) c Plants (B14) culfide Odor (C nizospheres or f Reduced Iror	11) n Living Roo n (C4)	ts (C3)	Secondary India Surface S Drainage Dry-Seas Crayfish B Saturation Stunted o	cators (minimum of two required) soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1)
Type: Depth (inches): PMARCLOGY Tetland Hydrology Indicators: rimary Indicators (minimum of one is Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)	s required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of	ina (B13) c Plants (B14) iulfide Odor (C nizospheres or f Reduced Iror Reduction in	11) n Living Roo n (C4)	ts (C3)	Secondary India Surface S Drainage Dry-Seas Crayfish B Saturation Stunted o	cators (minimum of two required) soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1) hic Position (D2)
Type: Depth (inches): PMACLOGY Tetland Hydrology Indicators: rimary Indicators (minimum of one is Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)		Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S	ina (B13) c Plants (B14) culfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7)	11) n Living Roo n (C4)	ts (C3)	Secondary India Surface S Drainage Dry-Seas Crayfish B Saturation Stunted o	cators (minimum of two required) soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1)
Type: Depth (inches): PMACLOGY Tetland Hydrology Indicators: rimary Indicators (minimum of one is Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima	gery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	una (B13) c Plants (B14) culfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) /ell Data (D9)	11) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary India Surface S Drainage Dry-Seas Crayfish B Saturation Stunted o	cators (minimum of two required) soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1) hic Position (D2)
Type: Depth (inches): PMARCLOGY Setland Hydrology Indicators: rimary Indicators (minimum of one is Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave St	gery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	ina (B13) c Plants (B14) culfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7)	11) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary India Surface S Drainage Dry-Seas Crayfish B Saturation Stunted o	cators (minimum of two required) soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1) hic Position (D2)
Type: Depth (inches): Primarks: Primary Indicators (minimum of one is Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Strield Observations:	gery (B7) urface (B8)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	ina (B13) c Plants (B14) culfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) /ell Data (D9) ain in Remarks	11) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary India Surface S Drainage Dry-Seas Crayfish B Saturation Stunted o	cators (minimum of two required) soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1) hic Position (D2)
Type: Depth (inches): PMOLOGY Vetland Hydrology Indicators: Primary Indicators (minimum of one is Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Strictles (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Strictles (B4) Selface Water Present?	gery (B7) urface (B8) ⁄es No_	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) /ell Data (D9) ain in Remarks	11) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary India Surface S Drainage Dry-Seas Crayfish B Saturation Stunted o	cators (minimum of two required) soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1) hic Position (D2)
Type: Depth (inches): PMOLOGY Vetland Hydrology Indicators: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Ima Sparsely Vegetated Concave Stateface Water Present? Veter Table Present?	gery (B7) urface (B8)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain X Depth (inches	una (B13) c Plants (B14) culfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) /ell Data (D9) ain in Remarks s): N/A N/A	11) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary India Surface S Drainage Dry-Seas Crayfish B Saturation Stunted o	cators (minimum of two required) soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1) hic Position (D2)

Project/Site:	Pleasant Prairie				City/County	: Galloway/Frank	lin Sa	mpling Date: 9/29/2020
Applicant/Owner:	Inenergy				State	: OH	Sampling Point:	dp010
Investigator(s):	B Hess					Section, Townshi	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Toeslope				Loc	al relief (concave, convex, none): conc	ave
Slope (%):	0%	Lat:	39.8984		Long:		-83.1835	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loam	0 to 2 percent slopes (I	(o)				NWI classificati	on: PFO1C
Are climatic / hydrol	ogic conditions on the sit	e typical for this time of	year?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	Soil N	, or Hydrology N	significantly disturb	ed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	Soil N	, or Hydrology N	naturally problema	tic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Attac	h site map showir	ng sampling point locati	ons, transects, impo	rtant featur	res, etc.		
Hydrophytic Veg	getation Present?		Yes x	No	Is the	Sampled Are	ea	
Hydric Soil Pres	sent?		Yes x	No	withir	n a Wetland?	Yes x	No
Wetland Hydrol	ogy Present?		Yes x	No				
Remarks:	Han aniomática na	of plants						
VEGETATION -	Use scientific na	mes or plants.		Absolute	Dominant	Indicator	Ι	
Tree Stratum (Plot	size: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet:	
1.								
2.							Number of Dominant Species	
3.							That Are OBL, FACW, or FAC:	2 (A)
4.								
5.							Total Number of Dominant	
					Total Cover		Species Across All Strata:	2 (B)
							1	
Sapling/Shrub Strate	um (Plot size: 15' radius)					Percent of Dominant Species	
1							That Are OBL, FACW, or FAC:	100% (A/B)
2.								
3.								
4.							Prevalence Index worksheet:	
5.								
					Total Cover		Total % Cover of:	Multiply by:
							That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)		_				OBL species 65%	x1 =
Carex frankii				45%	Yes	OBL	FACW species 50%	x2 = 1.00
2. Echinochloa cru				40%	Yes	FACW	FAC species	x3 =
Alisma subcord				15%	No	OBL	FACU species	x4 =
4. Bidens frondose	9			10%	No	FACW	UPL species	x5 =
Typha latifolia				5%	No	OBL	Column Totals: 115%	(A) <u>1.65</u> (B)
6							1	
7							Prevalence Index = B/A	=1.43
8								
9.								
10.							Hydrophytic Vegetation Indicators	
11								
12.							X 1-Rapid Test for Hydrophyti	c Vegetation
13.							X 2-Dominance Test is >50%	
14.							X 3-Prevalence Index is ≤3.01 4-Morphological Adaptation	
15.							<u> </u>	
16.							data in Remarks or on a se Problematic Hydrophytic V	
17.							Floblematic Hydrophytic Vi	egetation (Explain)
18.							¹ Indicators of hydric soil and wetland	hydrology must
19.							1	
20.				115% =	Total Course		be present, unless disturbed or prob	erriduc.
				115% =	Total Cover			
Woody Vine Start	o (Plot cire: 20) redict)						Lived combustion	
	n (Plot size: 30' radius)						Hydrophytic	
1							Vegetation Present? Yes X	No
				<u> </u>	Total Cover		Present? Yes X	
					i otal Cover			
Remarks: (Include	photo numbers here or o	n a senarate cheet \					<u> </u>	
(morade)	Hambers Hore Of O	sopulate shoot.						

SOIL							Sai	mpling Point:	dp010
Profile Des	cription: (Describe to t	the denth nee	eded to document the i	ndicator or co	onfirm the a	hsence of			
Depth	Matrix	are acpair nec		dox Features	Jimmin the u	DSCIICE O	maicutors.,		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Re	marks
0-16"	10YR 3/1	95	10YR 3/6	5	C	M	Silty Clay		
							· 		
1 Turner C=	Concentration D-Daulat	tion DM-Dod	used Metric CS-Covers	d as Castad S	and Oraina	21+	en. Di –Dere Linis	- M-Matrix	
	Concentration, D=Deplet Indicators ³ :	tion, RIVI=Red	uced Matrix, CS=Covere	ed or Coated S	and Grains.		on: PL=Pore Linir		
-	ol (A1)		Sandy Gleve	ed Matrix (S4)		iesi	•	anese Masses (F1)	2)
	Epipedon (A2)		Sandy Redo	, ,				low Dark Surface (F	
	Histic (A3)		Stripped Ma	, ,				plain in Remarks)	
	gen Sulfide (A4)		Dark Surfac	, ,				,	
Stratifi	ied Layers (A5)		Loamy Mucl	ky Mineral (F1)				
2 cm N	Muck (A10)		Loamy Gley	ed Matrix (F2)					
	ted Below Dark Surface	(A11)	Depleted Ma						
	Dark Surface (A12)		X Redox Dark				-	indicators have bee	•
	Mucky Mineral (S1)			ark Surface (F	7)			the Field Indicators	•
5 cm N	Mucky Peat or Peat (S3)		X Redox Depr						1 2016
			Redex Bepi	essions (F8)			in the United	States , Version 8.	5, 2010.
Restrictive	Layer (if observed):			essions (F8)			in the United	States, Version 8.	5, 2010.
Type:				essions (F8)					
Type:	Layer (if observed):		<u>X</u> (1000/35)	essions (F8)		Hydric	on the United	Yes X	
Type: Depth			<u>X</u> (1000/25p)	essions (F8)		Hydric			
Type: Depth			<u>X</u> (1000/25)	essions (F8)		Hydric			
Type: Depth			<u>X</u> (1000/25)	essions (F8)		Hydric			
Type: Depth			<u>X</u> (1000 55p)	essions (F8)		Hydric			
Type: Depth			<u>X</u> (1000/100)	essions (F8)		Hydric			
Type: Depth	(inches):		<u>X</u> (1000, 55p)	essions (F8)		Hydric			
Type: Depth Remarks:	(inches):		<u>X</u> (1000, 55p)	essions (F8)		Hydric			
Type: Depth Remarks: HYDROL Wetland Hy Primary Ind	(inches): OGY drology Indicators: icators (minimum of one		heck all that apply)			Hydric	Soil Present?	Yes X	No
Type: Depth Remarks: HYDROL Wetland Hy Primary Ind	(inches): OGY rdrology Indicators:		heck all that apply)	ed Leaves (B	3)	Hydric	Soil Present?	Yes X	No
Type: Depth Remarks: HYDROL Wetland Hy Primary Ind Surface	(inches): OGY drology Indicators: icators (minimum of one		heck all that apply)	ed Leaves (B	3)	Hydric	Soil Present? Secondary Indic	Yes X	No
Type: Depth Remarks: HYDROL Wetland Hy Primary Ind Surfac High V	OGY rdrology Indicators: icators (minimum of one se Water (A1)		heck all that apply) Water-Stain Aquatic Fau True Aquatic	ed Leaves (Bs na (B13) c Plants (B14)		Hydric	Soil Present? Secondary Indic Surface S Drainage	Yes X	No
Type: Depth Remarks: HYDROL Wetland Hy Primary Ind Surfac High V X Satura Water	COGY rdrology Indicators: icators (minimum of one be Water (A1) Water Table (A2) ation (A3) Marks (B1)		heck all that apply) Water-Stain Aquatic Fau True Aquati	ed Leaves (Bs ina (B13) c Plants (B14) ulfide Odor (C	1)		Secondary India Surface S Drainage Dry-Sease Crayfish B	reators (minimum of oil Cracks (B6) Patterns (B10) on Water Table (C2	No
Type: Depth Remarks: HYDROL Wetland Hy Primary Ind Surfac High V X Satura Water Sedim	cody rdrology Indicators: icators (minimum of one ice Water (A1) Vater Table (A2) ation (A3) Marks (B1) lent Deposits (B2)		heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ed Leaves (B9 na (B13) c Plants (B14) ulfide Odor (C nizospheres or	1) Living Root		Secondary India Surface S Drainage Dry-Sease Crayfish E Saturation	rators (minimum of oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial In	No
Type: Depth Remarks: HYDROL Wetland Hy Primary Ind Surfac High V X Satura Water Sedim Drift D	cinches): COGY Idrology Indicators: icators (minimum of one te Water (A1) Vater Table (A2) Indicators (B1) Marks (B1) Indicators (B2) Indicators (B2) Indicators (B2) Indicators (B3)		heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ed Leaves (B9 na (B13) c Plants (B14) ulfide Odor (C nizospheres or F Reduced Iror	1) Living Root (C4)	s (C3)	Secondary Indices Surface Some Dry-Sease Crayfish E Saturation Stunted o	rators (minimum of oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) o Visible on Aerial Ir	No
Type: Depth Depth Remarks: HYDROL Wetland Hy Primary Ind Surfac High V X Satura Water Sedim Drift D Algal I	inches): OGY odrology Indicators: icators (minimum of one be Water (A1) Vater Table (A2) attion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4)		heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron	ed Leaves (BS na (B13) c Plants (B14) ulfide Odor (C nizospheres or F Reduced Iror Reduction in	1) Living Root (C4)	s (C3)	Secondary India Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o X Geomorp	rators (minimum of oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) on Visible on Aerial Ir or Stressed Plants (Inic Position (D2)	No
Type: Depth Remarks: HYDROL Wetland Hy Primary Ind Surfac High V X Satura Water Sedim Drift D Algal I Iron D	inches): OGY Idrology Indicators: icators (minimum of one te Water (A1) Vater Table (A2) tition (A3) Marks (B1) tent Deposits (B2) teposits (B3) Mat or Crust (B4) teposits (B5)	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S	ed Leaves (BS ina (B13) c Plants (B14) ulfide Odor (C nizospheres or F Reduced Iron Reduction in Surface (C7)	1) Living Root (C4)	s (C3)	Secondary India Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o X Geomorp	rators (minimum of oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) o Visible on Aerial Ir	No
Type: Depth Remarks: HYDROL Wetland Hy Primary Ind Surfac High V X Satura Water Sedim Drift D Algal I Iron D Inunda	cinches): drology Indicators: icators (minimum of one be Water (A1) Vater Table (A2) ation (A3) Marks (B1) Jent Deposits (B2) Jeposits (B3) Mat or Crust (B4) Jeposits (B5) Jeposits (B5) Jeposits (B5) Jeposits (B5)	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	ed Leaves (BS) na (B13) c Plants (B14) ulfide Odor (C nizospheres or F Reduced Iror Reduction in Surface (C7) fell Data (D9)	1) Living Root (C4) Filled Soils (G	s (C3)	Secondary India Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o X Geomorp	rators (minimum of oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) on Visible on Aerial Ir or Stressed Plants (Inic Position (D2)	No
Type: Depth Remarks: HYDROL Wetland Hy Primary Ind Surfac High V X Satura Water Sedim Drift D Algal I Iron D Inunda	inches): OGY Idrology Indicators: icators (minimum of one te Water (A1) Vater Table (A2) tition (A3) Marks (B1) tent Deposits (B2) teposits (B3) Mat or Crust (B4) teposits (B5)	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	ed Leaves (BS ina (B13) c Plants (B14) ulfide Odor (C nizospheres or F Reduced Iron Reduction in Surface (C7)	1) Living Root (C4) Filled Soils (G	s (C3)	Secondary India Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o X Geomorp	rators (minimum of oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) on Visible on Aerial Ir or Stressed Plants (Inic Position (D2)	No
Type: Depth Depth Remarks: HYDROL Wetland Hy Primary Ind Surfac High V X Satura Water Sedim Drift D Algal I Iron D Inunda Sparse	icators (minimum of one to Water (A1) Vater Table (A2) Marks (B1) Marks (B1) Ment Deposits (B2) May or Crust (B4) Meposits (B5) Mation Visible on Aerial Impley Vegetated Concave Servations:	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	ed Leaves (BS) Ina (B13) In Plants (B14) In Pl	1) Living Root (C4) Filled Soils (G	s (C3)	Secondary India Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o X Geomorp	rators (minimum of oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) on Visible on Aerial Ir or Stressed Plants (Inic Position (D2)	No
Type: Depth Depth Remarks: HYDROL Wetland Hy Primary Ind Surfac High V X Satura Water Sedim Drift D Iron D Inunda Sparse Surface Wa	icators (minimum of one te Water (A1) Vater Table (A2) stion (A3) Marks (B1) ment Deposits (B2) ment or Crust (B4) ment or Crust (B4) ment Deposits (B5) ment or Crust (B4) ment or Crus	nagery (B7) Surface (B8)	heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	ed Leaves (BS) Ina (B13) Ina (B14) I	1) Living Root (C4) Filled Soils (G	s (C3)	Secondary India Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o X Geomorp	rators (minimum of oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) on Visible on Aerial Ir or Stressed Plants (Inic Position (D2)	No
Type: Depth Depth Remarks: HYDROL Wetland Hy Primary Ind Surfac High V X Satura Water Sedim Drift D Algal I Iron D Inunda Sparse	icators (minimum of one te Water (A1) Vater Table (A2) Ation (A3) Marks (B1) Ment Deposits (B2) Meposits (B3) Mat or Crust (B4) Meposits (B5) Ation Visible on Aerial Impley Vegetated Concave Servations: Atter Present? The Present?	nagery (B7) Surface (B8) Yes No Yes No	heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	ed Leaves (BS) Ina (B13) Ina (B13) Ina (B14) I	1) Living Root (C4) Filled Soils (G	s (C3)	Secondary India Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o X Geomorp	rators (minimum of oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) on Visible on Aerial Ir or Stressed Plants (Inic Position (D2)	two required) nagery (C9)

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

Project/Site:	Pleasant Prairie							City/County	: Galloway/Frank	din	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy							State	: ОН	Sampling Point:	dp011
Investigator(s):	B Hess								Section, Townsh	nip, Range: N/A	
Landform (hillslope,	terrace, etc.):	_	Toeslope						Loc	cal relief (concave, convex, none):	concave
Slope (%):	0%	Lat:			39.9013			Long:		-83.1856	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loar	m, 0 to 2 per	cent slopes (Ko)							NWI classifi	ication: None
Are climatic / hydrol	ogic conditions on the	site typical fo	or this time of yea	ır?				Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrol)gy	N s	significantly dist	urbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydrol	ogy	N I	naturally probler	natic?	(If needed	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site m	ap showing	sampling	point loca	ations, tra	ansects, imp	oortant featu	res, etc.		
Hydrophytic Veg	getation Present?			Yes	x	No)	Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?			Yes	Х	No		withir	n a Wetland?	Yes x	No
Wetland Hydrol	ogy Present?			Yes	X	No					
Remarks:	II. a a ciantista u		-11-								
VEGETATION :	Use scientific n	ames or	piants.				Absolute	Dominant	Indicator	1	
Tree Stratum (Plot	size: 30' radius)						% Cover	Species?	Status	Dominance Test worksheet:	
1.											
2.										Number of Dominant Species	
3.										That Are OBL, FACW, or FAC:	2 (A)
4.											
5.										Total Number of Dominant	
								= Total Cover		Species Across All Strata:	(B)
Sapling/Shrub Strate	um (Plot size: 15' radiu	s)								Percent of Dominant Species	
1.										That Are OBL, FACW, or FAC:	(A/B)
2.											
3.											
4.										Prevalence Index worksheet:	
5.											
								= Total Cover		Total % Cover of:	Multiply by:
										That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot										OBL species 30%	x1 = 0.30
Echinochloa cru							85%	Yes	FACW	FACW species 95%	x2 = 1.90
2. Eleocharis obtu-							30%	Yes	OBL	FAC species 10%	x3 = 0.30
3. Bidens frondosa							10%	No No	FACW	FACU species	x4 =
4. Xanthium strum	arium						10%	No No	FAC	UPL species	x5 =
5										Column Totals: 135%	(A) 2.50 (B)
6											
7								· ——		Prevalence Index = E	B/A = 1.85
8											
9											
10										Hydrophytic Vegetation Indicat	ors:
11.										V 4 Decid Took for Underson	h. 4:- V4-4:
12.										X 1-Rapid Test for Hydrop	
13.										X 2-Dominance Test is >5 x 3-Prevalence Index is ≤	
14. 15.										I —	ations ¹ (Provide supporting
16.										data in Remarks or on	
17.										1	ic Vegetation ¹ (Explain)
18.											e regetation (Explain)
19.										¹ Indicators of hydric soil and wetl	and hydrology must
20.										1	
							135%	= Total Cover		be present, unless disturbed or p	nobicinatic.
							13370	- Total Cover			
Woody Vine Stratun	n (Plot size: 30' radius)								Hydrophytic	
1.	. tot size. so radius	· -								Vegetation	
2.										1	X No
								= Total Cover		165	
Remarks: (Include	photo numbers here or	on a senara	te sheet.)								
, and the first		Jopula									

Profile Desci	ription: (Describe to the	e depth neede	d to document the inc	dicator or co	onfirm the a	bsence of	f indicators.	.)	
Depth	Matrix		Redo	ox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textur	e Remarks	
0-16"	10YR 3/1	95	10YR 3/6	5	C	M	Clay Loam		
¹ Type: C=C	oncentration, D=Depletion	n PM=Peduce	d Matrix CS=Covered	or Coated S	and Grains	² l ocati	on: PI =Por	e Lining, M=Matrix.	
Hydric Soil I		II, KWI-Keduce	d Matrix, CS-Covered	or Coaled C	and Grains.			of Hydric Soils:	
Histoso			Sandy Gleyed	Matrix (S4)		103		-Manganese Masses (F12)	
	pipedon (A2)		Sandy Redox	. ,				y Shallow Dark Surface (F22)	
	listic (A3)		Stripped Matri	, ,				er (Explain in Remarks)	
Hydroge	en Sulfide (A4)		Dark Surface	(S7)					
	d Layers (A5)		Loamy Mucky	Mineral (F1)				
2 cm M	uck (A10)		Loamy Gleyed						
	ed Below Dark Surface (A	11)	Depleted Mat				2		
	Park Surface (A12)		X Redox Dark S				-	ic soil indicators have been updated	
	Mucky Mineral (S1)		Depleted Dark		7)			with the Field Indicators of Hydric S	Soils
5 cm M	ucky Peat or Peat (S3)		X Redox Depres	ssions (F8)			in the U	United States, Version 8.0, 2016.	
Restrictive L	ayer (if observed):								
Туре: _									
Type: _ Depth (i						Hydric	Soil Presen	nt? Yes <u>X</u> No	
Туре: _						Hydric	Soil Presen	nt? Yes <u>X</u> No_	
Type: _ Depth (ii						Hydric	Soil Presen	nt? Yes <u>X</u> No_	
Type: _ Depth (ii						Hydric	Soil Presen	nt? Yes <u>X</u> No_	
Type: _ Depth (i						Hydric	Soil Presen	nt? Yes <u>X</u> No_	
Type: _ Depth (ii Remarks:	nches):					Hydric	Soil Presen	nt? Yes <u>X</u> No	
Type:	nches):					Hydric	Soil Presen	nt? Yes <u>X</u> No	
Type:	DGY	required: chec	k all that apply)			Hydric	T.		ed)
Type:	OGY Irology Indicators:	required: chec	k all that apply) Water-Stained	d Leaves (B	9)	Hydric	Secondary	y Indicators (minimum of two require	ed)
Type:	OGY Irology Indicators: eators (minimum of one is	required: chec			9)	Hydric	Secondary	y Indicators (minimum of two require	ed)
Type:	DGY Irology Indicators: eators (minimum of one is	required: chec	Water-Stained	a (B13)		Hydric	Secondary Surf	y Indicators (minimum of two require face Soil Cracks (B6)	ed)
Type:	DGY Irology Indicators: eators (minimum of one is 9 Water (A1) ater Table (A2)	required: chec	Water-Stained	a (B13) Plants (B14)		Hydric	Secondary Surf Drai	y Indicators (minimum of two require face Soil Cracks (B6) inage Patterns (B10)	ed)
Type:	DGY Irology Indicators: cators (minimum of one is b Water (A1) ater Table (A2) ion (A3)	required: chec	Water-Stained Aquatic Fauna True Aquatic	a (B13) Plants (B14) fide Odor (C	1)		Secondar Surf Drai Dry- Cray	y Indicators (minimum of two require face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2)	
Type: Depth (ii Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W. Saturati Water N Sedime	DGY Irology Indicators: Eators (minimum of one is to Water (A1) ater Table (A2) ion (A3) Marks (B1)	required: chec	Water-Stained Aquatic Fauna True Aquatic Hydrogen Sul	a (B13) Plants (B14) fide Odor (C cospheres or	1) Living Roof		Secondar Surf Drai Dry- Cray	y Indicators (minimum of two require face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8)	
Type:	DGY Irology Indicators: eators (minimum of one is a Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) iposits (B3) at or Crust (B4)	required; chec	Water-Stained Aquatic Faund True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F	a (B13) Plants (B14) fide Odor (C cospheres or Reduced Iron Reduction in	1) n Living Root n (C4)	ts (C3)	Secondary Surf Drai Dry- Cray Satu Stur X Geo	y Indicators (minimum of two require face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (CS nted or Stressed Plants (D1)	
Type:	DGY Irology Indicators: Eators (minimum of one is a Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) iposits (B3)	required: chec	Water-Stained Aquatic Faund True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su	a (B13) Plants (B14) fide Odor (C cospheres or Reduced Iror reduction in	1) n Living Root n (C4)	ts (C3)	Secondary Surf Drai Dry- Cray Satu Stur X Geo	y Indicators (minimum of two require face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (CS nted or Stressed Plants (D1)	
Type: Depth (ii Remarks: HYDROLO Wetland Hyd Primary Indio Surface High W. Saturati Water M. Sedime Drift De Algal M. Iron Dej	Irology Indicators: cators (minimum of one is water (A1) ater Table (A2) ion (A3) Warks (B1) ent Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Imag	gery (B7)	Water-Stained Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su Gauge or Wel	a (B13) Plants (B14) fide Odor (C cospheres or Reduced Iror deduction in urface (C7) II Data (D9)	1) Living Root (C4) Tilled Soils (ts (C3)	Secondary Surf Drai Dry- Cray Satu Stur X Geo	y Indicators (minimum of two require face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (CS nted or Stressed Plants (D1)	
Type: Depth (ii Remarks: HYDROLO Wetland Hyd Primary Indio Surface High W. Saturati Water M. Sedime Drift De Algal M. Iron Dej	Irology Indicators: cators (minimum of one is water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) posits (B3) at or Crust (B4) posits (B5)	gery (B7)	Water-Stained Aquatic Faund True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su	a (B13) Plants (B14) fide Odor (C cospheres or Reduced Iror deduction in urface (C7) II Data (D9)	1) Living Root (C4) Tilled Soils (ts (C3)	Secondary Surf Drai Dry- Cray Satu Stur X Geo	y Indicators (minimum of two require face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (CS nted or Stressed Plants (D1)	
Type: Depth (ii Remarks: HYDROLO Wetland Hyd Primary Indio Surface High W. Saturati Water M. Sedime Drift De Algal M. Iron Dej	DGY Irology Indicators: Eators (minimum of one is a Water (A1) ater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Imag	gery (B7)	Water-Stained Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su Gauge or Wel	a (B13) Plants (B14) fide Odor (C cospheres or Reduced Iror deduction in urface (C7) II Data (D9)	1) Living Root (C4) Tilled Soils (ts (C3)	Secondary Surf Drai Dry- Cray Satu Stur X Geo	y Indicators (minimum of two require face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (CS nted or Stressed Plants (D1)	
Type: Depth (ii Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W. Saturati Water M. Sedime Drift De Algal M. Iron De Inundat Sparsel	DGY Irology Indicators: Eators (minimum of one is a Water (A1) ater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Imag	gery (B7)	Water-Stained Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su Gauge or Wel Other (Explain	a (B13) Plants (B14) fide Odor (C cospheres or Reduced Iror reduction in urface (C7) Il Data (D9) n in Remarks	1) Living Root (C4) Tilled Soils (ts (C3)	Secondary Surf Drai Dry- Cray Satu Stur X Geo	y Indicators (minimum of two require face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (CS nted or Stressed Plants (D1)	
Type: Depth (ii Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W. Saturati Water M. Sedime Drift De Algal M. Iron De Inundat Sparsel	DGY Irology Indicators: cators (minimum of one is a Water (A1) ater Table (A2) ion (A3) Marks (B1) ion Deposits (B2) ion or Crust (B4) posits (B5) ion Visible on Aerial Image by Vegetated Concave Survations: er Present?	gery (B7) irface (B8)	Water-Stained Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su Gauge or Wel Other (Explain	a (B13) Plants (B14) fide Odor (C cospheres or Reduced Iror Reduction in Inface (C7) Il Data (D9) In in Remarks	1) Living Root (C4) Tilled Soils (ts (C3)	Secondary Surf Drai Dry- Cray Satu Stur X Geo	y Indicators (minimum of two require face Soil Cracks (B6) inage Patterns (B10) -Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (CS nted or Stressed Plants (D1)	

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

Project/Site:	Pleasant Prairie					City/County	: Galloway/Frank	din	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy					State	: OH	Sampling Point:	dp012
Investigator(s):	B Hess						Section, Townsh	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Summit					Loc	cal relief (concave, convex, none):	none
Slope (%):	0%	Lat:	39.9255			Long:		-83.202	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loar	n, 0 to 2 percent slope	es (Ko)					NWI classifi	cation: None
Are climatic / hydrole	ogic conditions on the	ite typical for this time	of year?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology	N s	ignificantly distu	irbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil N	, or Hydrology	N n	aturally problem	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site map show	wing sampling point lo	ations, tra	nsects, imp	ortant featu	res, etc.		
Hydrophytic Veg	getation Present?		Yes	No	Х	Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?		Yes x	No		withir	n a Wetland?	Yes	No <u>x</u> _
Wetland Hydrol	ogy Present?		Yes	No	X				
Remarks: VEGETATION -	Use scientific n	ames of plants.							
		•			Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)				% Cover	Species?	Status	Dominance Test worksheet:	
1.									
2.								Number of Dominant Species	
3.								That Are OBL, FACW, or FAC:	(A)
4									
5								Total Number of Dominant	
						= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radiu	s)						Percent of Dominant Species	
1								That Are OBL, FACW, or FAC:	(A/B)
2									
3									
4								Prevalence Index worksheet:	
5.									
						= Total Cover		Total % Cover of:	Multiply by:
Hart Otratan (Dist	alas (Flandina)							That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size; 5' radius)					.,		OBL species	x1 =
1. Glycine max					95%	Yes	UPL	FACW species	x2 =
2								FAC species	x3 =
3.								FACU species	x4 =
4								UPL species 95%	x5 = 4.75
5								Column Totals: 95%	(A) 4.75 (B)
6								Downton Later of	5.00
·								Prevalence Index = E	3/A = 5.00
°.									
9									
11.								Hydrophytic Vegetation Indicat	ors.
12.								1 Danid Test for Hudron	h, tia Magatatian
								1-Rapid Test for Hydrop	
13.								2-Dominance Test is >5 3-Prevalence Index is ≤	
14								_	tions¹ (Provide supporting
16.								data in Remarks or on	
17.								Problematic Hydrophyti	
								— Problemade Hydrophyd	e vegetation (Explain)
18								¹ Indicators of hydric soil and wetl	and hydrology must
20.								1	
					95%	= Total Cover		be present, unless disturbed or p	TODIOTIALIO.
					3376	- rotal Cover			
Woody Vine Stretum	n (Plot size: 30' radius	\						Hydrophydia	
								Hydrophytic	
1								Vegetation Present? Yes	No_X_
						= Total Cover		l	
						10.0100001			
Remarks: (Include	photo numbers here or	on a senarate sheet \							
Tomario. (moide)	photo numbers nere of	on a separate sneet.)							

SOIL			N N N N N N N N N N N N N N N N N N N	1 80 Eu	140 140	22	10000	npling Point: dp012		
	•	he depth nee	eded to document the in		onfirm the a	bsence o	f indicators.)			
Depth	Matrix			dox Features	T	12		Demonstra		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks		
0-10"	10YR 3/1						Clay Loam			
10-16"	10YR 5/2	90	10YR 4/6	10	C	M	Clay Loam			
¹ Type: C=C	oncentration, D=Depleti	on, RM=Red	uced Matrix, CS=Covere	d or Coated S	and Grains.	² Locati	on: PL=Pore Linin	g, M=Matrix.		
Hydric Soil I	ndicators ³ :					Tes	t Indicators of Hyd	dric Soils:		
Histoso	l (A1)		Sandy Gleye	ed Matrix (S4)			Iron-Mang	anese Masses (F12)		
Histic E	pipedon (A2)		Sandy Redo	x (S5)			Very Shall	ow Dark Surface (F22)		
	listic (A3)		Stripped Mat	, ,			Other (Exp	olain in Remarks)		
	en Sulfide (A4)		Dark Surface							
	d Layers (A5)			y Mineral (F1)	•					
	uck (A10) ed Below Dark Surface (Δ11)	Depleted Ma	ed Matrix (F2)						
	ark Surface (A12)	A11)	Redox Dark				³ The hydric soil	indicators have been updated to		
	Mucky Mineral (S1)			rk Surface (F	7)		•	·		
					' /		comply with the Field Indicators of Hydric Soils			
5 cm M	ucky Peat or Peat (53)		Redox Depre	essions (F8)			in the United	States, Version 8.0, 2016.		
	ucky Peat or Peat (S3)		Redox Depre	essions (F8)			in the United	States, Version 8.0, 2016.		
Restrictive L	ayer (if observed):		Redox Depre	essions (F8)			in the United	States , Version 8.0, 2016.		
Restrictive L	ayer (if observed):		. Redox Depre	essions (F8)		Hydric				
Restrictive L Type: _ Depth (i	ayer (if observed):		Redox Depre	essions (F8)		Hydric	in the United Soil Present?	Yes X No		
Restrictive L	ayer (if observed):		Redox Depre	essions (F8)		Hydric				
Restrictive L Type: _ Depth (i	ayer (if observed):		Redox Depre	essions (F8)		Hydric				
Restrictive L Type: _ Depth (i	nches):		Redox Depre	essions (F8)		Hydric				
Restrictive L Type: _ Depth (i	nches):		Redox Depre	essions (F8)		Hydric				
Restrictive L Type: Depth (i	nches):		Redox Depre	essions (F8)		Hydric				
Restrictive L Type: _ Depth (i Remarks: HYDROLO Wetland Hyd Primary Indic	DGY Irology Indicators: eators (minimum of one	is required: c	heck all that apply)			Hydric	Soil Present?	Yes X No		
Restrictive L Type: Depth (i Remarks: HYDROLO Wetland Hyd Primary Indic	DGY Irology Indicators:	is required: c	heck all that apply)	essions (F8)	9)	Hydric	Soil Present?	Yes X No		
Restrictive L Type: Depth (i Remarks: HYDROLO Wetland Hyd Primary Indic	DGY Irology Indicators: eators (minimum of one	is required: c	heck all that apply)	ed Leaves (BS	9)	Hydric	Soil Present? Secondary Indic Surface S Drainage	Yes X Noators (minimum of two required) oil Cracks (B6) Patterns (B10)		
Restrictive L Type: _ Depth (i Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W Saturat	DGY Irology Indicators: eators (minimum of one or Water (A1) ater Table (A2) ion (A3)	is required: c	heck all that apply) Water-Staine Aquatic Faur	ed Leaves (BS na (B13) c Plants (B14)		Hydric	Secondary Indic Surface S Drainage Dry-Seaso	Yes X No		
Restrictive L Type: _ Depth (i Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W Saturat Water M	DGY Irology Indicators: eators (minimum of one or Water (A1) ater Table (A2) ion (A3) Marks (B1)	is required: c	heck all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su	ed Leaves (B9 na (B13) c Plants (B14) ulfide Odor (C	1)		Secondary Indic Surface S Drainage Dry-Seasc Crayfish B	ators (minimum of two required) bil Cracks (B6) Patterns (B10) bin Water Table (C2) urrows (C8)		
Restrictive L Type: _ Depth (i Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime	DGY Irology Indicators: extors (minimum of one or Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2)	is required: c	heck all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su	ed Leaves (BS na (B13) c Plants (B14) ulfide Odor (C izospheres on	1) Living Roo		Secondary Indic Surface S Drainage Dry-Sease Crayfish B Saturation	ators (minimum of two required) bil Cracks (B6) Patterns (B10) bin Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9)		
Restrictive L Type: Depth (i Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime Drift De	DGY Irology Indicators: eators (minimum of one water (A1) ater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) posits (B3)	is required: c	heck all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Staine Oxidized Rhi	ed Leaves (BS na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron	1) Living Root (C4)	es (C3)	Secondary Indic Surface S Drainage Dry-Seasc Crayfish B Saturation Stunted or	ators (minimum of two required) bil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1)		
Restrictive L Type: Depth (i Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime Drift De Algal M	DGY Irology Indicators: eators (minimum of one water (A1) ater Table (A2) ion (A3) Marks (B1) ion (Deposits (B2) ion (B3) iat or Crust (B4)	is required: c	heck all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen St Oxidized Rhi Presence of Recent Iron	ed Leaves (BS na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in T	1) Living Root (C4)	es (C3)	Secondary Indice Surface S Drainage Dry-Seasc Crayfish B Saturation Stunted or Geomorph	ators (minimum of two required) bil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) e Stressed Plants (D1) bic Position (D2)		
Restrictive L Type: Depth (i Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime Drift De Algal M Iron De	DGY Irology Indicators: Eators (minimum of one & Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) iposits (B3) at or Crust (B4) posits (B5)		heck all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron Thin Muck S	ed Leaves (BS na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in T surface (C7)	1) Living Root (C4)	es (C3)	Secondary Indice Surface S Drainage Dry-Seasc Crayfish B Saturation Stunted or Geomorph	ators (minimum of two required) bil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1)		
Restrictive L Type: Depth (i Remarks: HYDROL(Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime Drift De Algal M Iron De Inundat	DGY Irology Indicators: Eators (minimum of one to Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) iposits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Image	agery (B7)	heck all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron I	ed Leaves (BS) na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in curface (C7) ell Data (D9)	1) Living Roof (C4) Tilled Soils (es (C3)	Secondary Indice Surface S Drainage Dry-Seasc Crayfish B Saturation Stunted or Geomorph	ators (minimum of two required) bil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) e Stressed Plants (D1) bic Position (D2)		
Restrictive L Type: _ Depth (i Remarks: HYDROL(Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime Drift De Algal M Iron De Inundat	DGY Irology Indicators: Eators (minimum of one & Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) iposits (B3) at or Crust (B4) posits (B5)	agery (B7)	heck all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron I	ed Leaves (BS na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in T surface (C7)	1) Living Roof (C4) Tilled Soils (es (C3)	Secondary Indice Surface S Drainage Dry-Seasc Crayfish B Saturation Stunted or Geomorph	ators (minimum of two required) bil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) e Stressed Plants (D1) bic Position (D2)		
Restrictive L Type: Depth (i Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime Drift De Algal M Iron De Inundat Sparsei	DGY Irology Indicators: eators (minimum of one or water (A1) ater Table (A2) ion (A3) Marks (B1) ion (Deposits (B2) ion (B3) iat or Crust (B4) posits (B5) ion Visible on Aerial Imaly Vegetated Concave S	agery (B7)	heck all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron I	ed Leaves (BS) na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in curface (C7) ell Data (D9)	1) Living Roof (C4) Tilled Soils (es (C3)	Secondary Indice Surface S Drainage Dry-Seasc Crayfish B Saturation Stunted or Geomorph	ators (minimum of two required) bil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) e Stressed Plants (D1) bic Position (D2)		
Restrictive L Type: Depth (i Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime Drift De Algal M Iron De Inundat Sparse	DGY Irology Indicators: Eators (minimum of one or water (A1) ater Table (A2) ion (A3) Marks (B1) ion (A3) Marks (B3) ion to Crust (B4) posits (B5) ion Visible on Aerial Imaly Vegetated Concave Serations:	agery (B7)	heck all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen St Oxidized Rhi Presence of Recent Iron Thin Muck S Gauge or We	ed Leaves (BS na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in T surface (C7) ell Data (D9) nin in Remarks	1) Living Roof (C4) Tilled Soils (es (C3)	Secondary Indice Surface S Drainage Dry-Seasc Crayfish B Saturation Stunted or Geomorph	ators (minimum of two required) bil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) e Stressed Plants (D1) bic Position (D2)		
Restrictive L Type: _ Depth (i Remarks: HYDROL(Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime Drift De Algal M Iron De Inundat	DGY Irology Indicators: cators (minimum of one water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) iposits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Imaly Vegetated Concave Serations: er Present?	agery (B7) Surface (B8) Yes No Yes No	heck all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen St Oxidized Rhi Presence of Recent Iron Thin Muck S Gauge or We Other (Expla	ed Leaves (BS) na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in T surface (C7) ell Data (D9) nin in Remarks): N/A N/A	1) Living Roof (C4) Tilled Soils (rs (C3)	Secondary Indice Surface S Drainage Dry-Seasc Crayfish B Saturation Stunted or Geomorph	ators (minimum of two required) bil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) e Stressed Plants (D1) bic Position (D2)		

US Army Corps of Engineers prepared by Cardno Midwest Region version 2.0

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

Project/Site:	Pleasant Prairie					City/County	: Galloway/Frank	din	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy					State	: OH	Sampling Point:	dp013
Investigator(s):	B Hess						Section, Townsh	ip, Range: N/A	***
Landform (hillslope,	terrace, etc.):	Summit					Loc	al relief (concave, convex, none): r	none
Slope (%):	0%	Lat:	39.92119255			Long:		-83.1974	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loam	, 0 to 2 percent slopes (Ko)						NWI classifi	cation: None
Are climatic / hydrol	ogic conditions on the sit	e typical for this time of yea	r?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology	N si	gnificantly distu	urbed?	Are "Norma	al Circumstances" present?	YesX_No
Are Vegetation	N	, Soil N	, or Hydrology	N n	aturally problen	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Attac	h site map showing	sampling point loca	tions, tra	nsects, imp	ortant featu	res, etc.		
	getation Present?		Yes x	No		Is the	Sampled Are	ea	
Hydric Soil Pres			Yes	No	Х	withir	n a Wetland?	Yes	Nox
Wetland Hydrol	ogy Present?		Yes	No.	X				
Remarks: VEGETATION -	Use scientific na	mes of plants.							
					Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)				% Cover	Species?	Status	Dominance Test worksheet:	
1								North and Complete Complete	
2								Number of Dominant Species	4 (4)
3.								That Are OBL, FACW, or FAC:	1 (A)
5.								Total Number of Dominant	
J						= Total Cover		Species Across All Strata:	1 (B)
						- Total Cover		opedies Adioss All ottata.	
Sapling/Shrub Strate	um (Plot size: 15' radius)						Percent of Dominant Species	
1.	_ `							That Are OBL, FACW, or FAC:	100% (A/B)
2.									
3.									
4.								Prevalence Index worksheet:	
5.									
						= Total Cover		Total % Cover of:	Multiply by:
								That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)							OBL species	x1 =
Poa pratensis					35%	Yes	FAC	FACW species	x2 =
2								FAC species 35%	x3 = 1.05
3.								FACU species UPL species	x4 =
4.								Column Totals: 35%	x5 = (A) 1.05 (B)
5.								Column rotals. 33%	(A)(B)
7								Prevalence Index = E	3/A = 3.00
8								Trevalence mack = E	
9.									
10.								Hydrophytic Vegetation Indicat	ors:
11.									
12.								1-Rapid Test for Hydrop	hytic Vegetation
13.								X 2-Dominance Test is >5	0%
14.								3-Prevalence Index is ≤	3.0 ¹
15.								4-Morphological Adapta	tions ¹ (Provide supporting
16.								data in Remarks or on a	
17.								Problematic Hydrophyti	c Vegetation ¹ (Explain)
18.									
19.								¹ Indicators of hydric soil and wetle	and hydrology must
20								be present, unless disturbed or p	problematic.
					35%	= Total Cover			
	n (Plot size: 30' radius)							Hydrophytic	
								Vegetation	V N-
2						= Total Os		Present? Yes_	X No
						= Total Cover			
Remarks: (Include	photo numbers here or o	n a senarate sheet \						<u> </u>	
(morade)	Hambers Hore Of O	Jopandio Silvet.j							

Profile Description: (Describe to the depth neede	a to accument the ind	icator or c	onnirm the a	bsence o	i iliulcators.)	
Depth Matrix	Redo	x Features				
(inches) Color (moist) %	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-12" 10YR 3/1 95					Clay Loam	
12-16" 10YR 5/2 90	10YR 4/6	10		M	Clay Loam	
1011(3/2 30	1011(4/0	10		171	Clay Loan	
¹ Type: C=Concentration, D=Depletion, RM=Reduce	ed Matrix, CS=Covered	or Coated S	Band Grains.	² Locati	on: PL=Pore Lining,	M=Matrix.
Hydric Soil Indicators ³ :					t Indicators of Hydr	
Histosol (A1)	Sandy Gleyed	Matrix (S4)			Iron-Mangar	nese Masses (F12)
Histic Epipedon (A2)	Sandy Redox	(S5)			Very Shallov	w Dark Surface (F22)
Black Histic (A3)	Stripped Matri	x (S6)			Other (Expla	ain in Remarks)
Hydrogen Sulfide (A4)	Dark Surface	, ,				,
Stratified Layers (A5)	Loamy Mucky	Mineral (F1)			
2 cm Muck (A10)	Loamy Gleyed	Matrix (F2))			
Depleted Below Dark Surface (A11)	Depleted Matr	ix (F3)				
Thick Dark Surface (A12)	Redox Dark S	urface (F6)			³ The hydric soil in	dicators have been updated to
Sandy Mucky Mineral (S1)	Depleted Dark	Surface (F	7)		comply with the	e Field Indicators of Hydric Soils
5 cm Mucky Peat or Peat (S3)	Redox Depres	sions (F8)			in the United S	tates, Version 8.0, 2016.
Restrictive Layer (if observed):						
Type:						
Depth (inches):				Hydric	Soil Present?	Yes No X
Remarks:						
HYDROLOGY						
Wetland Hydrology Indicators:					Terrore	
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check	11.07					ors (minimum of two required)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check Surface Water (A1)	Water-Stained	•	9)		Surface Soil	Cracks (B6)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check Surface Water (A1) High Water Table (A2)	Water-Stained Aquatic Fauna	(B13)	5,5)		Surface Soil Drainage Pa	Cracks (B6) atterns (B10)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check Surface Water (A1) High Water Table (A2) Saturation (A3)	Water-Stained Aquatic Fauna True Aquatic F	(B13) Plants (B14))		Surface Soil Drainage Pa Dry-Season	Cracks (B6) atterns (B10) Water Table (C2)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check of the state of the stat	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf	(B13) Plants (B14) ide Odor (C)		Surface Soil Drainage Pa Dry-Season Crayfish But	Cracks (B6) atterns (B10) Water Table (C2) rrows (C8)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check of the state of the stat	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhize	(B13) Plants (B14) ide Odor (Cospheres or) :1) n Living Root	s (C3)	Surface Soil Drainage Pa Dry-Season Crayfish But Saturation V	Cracks (B6) htterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhize Presence of R	(B13) Plants (B14) ide Odor (Cospheres or educed Iror) i1) n Living Root n (C4)	, ,	Surface Soil Drainage Pa Dry-Season Crayfish But Saturation V	Cracks (B6) atterns (B10) Water Table (C2) rrows (C8)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check of the state of the stat	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhize	(B13) Plants (B14) ide Odor (Cospheres or educed Iror) i1) n Living Root n (C4)	, ,	Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic	Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhize Presence of R	(B13) Plants (B14) ide Odor (Cospheres or educed Ironeduction in) i1) n Living Root n (C4)	, ,	Surface Soil Drainage Pa Dry-Season Crayfish Bui Saturation V	Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhiz Presence of R Recent Iron Re	Plants (B14) ide Odor (Cospheres or educed Iron eduction in face (C7)) i1) n Living Root n (C4)	, ,	Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic	Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhize Presence of R Recent Iron Re	Plants (B14) ide Odor (Cospheres or educed Iron eduction in face (C7) Data (D9)) n Living Root n (C4) Tilled Soils (, ,	Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic	Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7)	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhize Presence of R Recent Iron Re Thin Muck Sul	Plants (B14) ide Odor (Cospheres or educed Iron eduction in face (C7) Data (D9)) n Living Root n (C4) Tilled Soils (, ,	Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic	Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhize Presence of R Recent Iron Re Thin Muck Sul Gauge or Well Other (Explain	Plants (B14) ide Odor (Cospheres or educed Iron eduction in face (C7) Data (D9)) n Living Root n (C4) Tilled Soils (, ,	Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic	Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations:	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhize Presence of R Recent Iron Re Thin Muck Sul Gauge or Well Other (Explain	Plants (B14) ide Odor (Cospheres or educed Iror eduction in face (C7) Data (D9) in Remarks) n Living Root n (C4) Tilled Soils (, ,	Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic	Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhize Presence of R Recent Iron Re Thin Muck Sue Gauge or Well Other (Explain X Depth (inches):	Plants (B14) ide Odor (Cospheres or educed Iron eduction in face (C7) Data (D9) in Remarks	in Living Root in (C4) Tilled Soils (i	C6)	Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic	Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No 2	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhize Presence of R Recent Iron Re Thin Muck Sue Gauge or Well Other (Explain X Depth (inches):	Plants (B14) ide Odor (Cospheres or educed Iror eduction in face (C7) Data (D9) in Remarks N/A N/A	in Living Root in (C4) Tilled Soils (i	C6)	Surface Soil Drainage Pa Dry-Season Crayfish But Saturation V Stunted or S Geomorphic FAC-Neutra	Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) risible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Water Table Present? Yes No Saturation Present? Yes No Saturation Present?	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhize Presence of R Recent Iron Re Thin Muck Sul Gauge or Well Other (Explain X Depth (inches): Depth (inches):	Plants (B14) ide Odor (Cospheres or educed Iror eduction in face (C7) I Data (D9) in Remark: N/A N/A N/A	t1) n Living Root n (C4) Tilled Soils (i	C6)	Surface Soil Drainage Pa Dry-Season Crayfish But Saturation V Stunted or S Geomorphic FAC-Neutra	Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) risible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Water Table Present? Yes No Saturation Present? Yes No Saturation Present? Yes No Saturation Present?	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhize Presence of R Recent Iron Re Thin Muck Sul Gauge or Well Other (Explain X Depth (inches): Depth (inches):	Plants (B14) ide Odor (Cospheres or educed Iror eduction in face (C7) I Data (D9) in Remark: N/A N/A N/A	t1) n Living Root n (C4) Tilled Soils (i	C6)	Surface Soil Drainage Pa Dry-Season Crayfish But Saturation V Stunted or S Geomorphic FAC-Neutra	Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) risible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Water Table Present? Yes No Saturation Present? Yes No Saturation Present? Yes No Saturation Present?	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhize Presence of R Recent Iron Re Thin Muck Sul Gauge or Well Other (Explain X Depth (inches): Depth (inches):	Plants (B14) ide Odor (Cospheres or educed Iror eduction in face (C7) I Data (D9) in Remark: N/A N/A N/A	t1) n Living Root n (C4) Tilled Soils (i	C6)	Surface Soil Drainage Pa Dry-Season Crayfish But Saturation V Stunted or S Geomorphic FAC-Neutra	Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) risible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Water Table Present? Yes No Saturation Present? Yes No Sincludes capillary fringe) Describe Recorded Data (stream gauge, monitoring)	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhize Presence of R Recent Iron Re Thin Muck Sul Gauge or Well Other (Explain X Depth (inches): Depth (inches):	Plants (B14) ide Odor (Cospheres or educed Iror eduction in face (C7) I Data (D9) in Remark: N/A N/A N/A	t1) n Living Root n (C4) Tilled Soils (i	C6)	Surface Soil Drainage Pa Dry-Season Crayfish But Saturation V Stunted or S Geomorphic FAC-Neutra	Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) risible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Water Table Present? Yes No Saturation Present? Yes No Sincludes capillary fringe) Describe Recorded Data (stream gauge, monitoring)	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhize Presence of R Recent Iron Re Thin Muck Sul Gauge or Well Other (Explain X Depth (inches): Depth (inches):	Plants (B14) ide Odor (Cospheres or educed Iror eduction in face (C7) I Data (D9) in Remark: N/A N/A N/A	t1) n Living Root n (C4) Tilled Soils (i	C6)	Surface Soil Drainage Pa Dry-Season Crayfish But Saturation V Stunted or S Geomorphic FAC-Neutra	Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) risible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5)

Sampling Point:

dp013

SOIL

Warning - Depleted Layer Needs To Be At Least Six Inches

Project/Site:	Pleasant Prairie					City/County	: Galloway/Frank	din	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy					State	: OH	Sampling Point:	dp014
Investigator(s):	B Hess						Section, Townsh	ip, Range: N/A	***
Landform (hillslope,	terrace, etc.):	Sumi	mit				Loc	cal relief (concave, convex, none):	none
Slope (%):	0%	Lat:	39.919	6		Long:		-83.196	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loan	n, 0 to 2 percent	slopes (Ko)					NWI classifi	cation: None
Are climatic / hydrol	ogic conditions on the s	ite typical for this	s time of year?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N , or Hydrology	N	significantly distu	irbed?	Are "Norm	al Circumstances" present?	YesX_ No
Are Vegetation	N	, Soil	N , or Hydrology	N	naturally problem	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site map	showing sampling point	locations, tr	ansects, imp	ortant featu	res, etc.		
Hydrophytic Veg	getation Present?		Yes x	No)	Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?		Yes	_ No	x x	withi	n a Wetland?	Yes	No <u>x</u> _
Wetland Hydrol	ogy Present?		Yes	No	<u> </u>				
Remarks:	Use scientific n	ames of nlar	nte						
TEGET/ATION	OSC SCIENTING III	unico oi piui	1131		Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)				% Cover	Species?	Status	Dominance Test worksheet:	
1.									
2.								Number of Dominant Species	
3.								That Are OBL, FACW, or FAC:	(A)
4									
5.								Total Number of Dominant	
						= Total Cover		Species Across All Strata:	(B)
Sapling/Shrub Strate	um (Plot size: 15' radiu	s)						Percent of Dominant Species	
1								That Are OBL, FACW, or FAC:	100% (A/B)
2									
3.									
4								Prevalence Index worksheet:	
5.									
						- Total Cover		Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by:
Herb Stratum (Plot	eize: 5' radius)							OBL species	x1 =
Panicum dichote					70%	Yes	FACW	FACW species 70%	x2 = 1.40
2. Poa pratensis	ommoram				35%	Yes	FAC	FAC species 35%	x3 = 1.05
3.					- 0070	103	TAG	FACU species	x4 =
4.								UPL species	x5 =
5.								Column Totals: 105%	(A) 2.45 (B)
6.									
7.								Prevalence Index = E	B/A = 2.33
8.									
9.									
10.								Hydrophytic Vegetation Indicat	ors:
11.									
12.								1-Rapid Test for Hydrop	phytic Vegetation
13.								X 2-Dominance Test is >5	0%
14.								3-Prevalence Index is ≤	3.0 ¹
15.								4-Morphological Adapta	tions ¹ (Provide supporting
16.								data in Remarks or on	a separate sheet)
17.								Problematic Hydrophyti	c Vegetation ¹ (Explain)
18.									
19.								¹ Indicators of hydric soil and wetl	and hydrology must
20.								be present, unless disturbed or p	problematic.
					105%	= Total Cover			
									· · · · · · · · · · · · · · · · · · ·
Woody Vine Stratun	n (Plot size: 30' radius							Hydrophytic	
1								Vegetation	
2.								Present? Yes_	X No
						= Total Cover			
Remarks: (Include	photo numbers here or	on a separate sh	neet.)						

SOIL	Warning - Deplete	d Layer Nee	ds To Be At Lea	st Six Inch	nes		Samp	ling Point:	dp014	
Profile Desc	ription: (Describe to th	ne depth neede	d to document the in	dicator or co	onfirm the al	sence of	indicators.)			
Depth	Matrix		Red	lox Features						
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Re	emarks	
0-12"	10YR 3/1	100					Clay Loam			
12-16"	10YR 5/2	90	10YR 4/6	10	С	М	Clay Loam			
		· — —								
		· — —								
1- 0.0						21 1:				
Hydric Soil I	oncentration, D=Depletion	on, RM=Reduce	d Matrix, CS=Covered	d or Coated S	Sand Grains.		on: PL=Pore Lining,			
Histoso			Sandy Glave	d Matrix (S4)		rest	Indicators of Hydri	e solls: lese Masses (F1	12)	
	pipedon (A2)		Sandy Redox					v Dark Surface (-	
_	listic (A3)		Stripped Mat					in in Remarks)	1 22)	
	en Sulfide (A4)		Dark Surface	, ,			Other (Expla	iii iii iteiliaiks)		
	ed Layers (A5)			y Mineral (F1))					
	uck (A10)			ed Matrix (F2)						
	ed Below Dark Surface (/	A11)	Depleted Ma							
	ark Surface (A12)	,	Redox Dark				³ The hydric soil inc	dicators have be	en updated to	0
	Mucky Mineral (S1)		Depleted Da	rk Surface (F	7)		comply with the	Field Indicators	of Hydric So	oils
5 cm M	ucky Peat or Peat (S3)		Redox Depre	essions (F8)	,		in the United S	tates, Version 8	.0, 2016.	
Restrictive I	ayer (if observed):									
Type:	ayer (ii observed).									
Depth (i	nches):					Hvdric S	Soil Present?	Yes	No	X
Remarks:										
HYDROLO	OGY									
	Irology Indicators:									
,	cators (minimum of one i	a raquirad: abaa	k all that apply)				Secondary Indicate	ara (minimum of	two required	
	Water (A1)	s required, chec	11.47	ed Leaves (B9	3)		Surface Soil		two required	,
	ater Table (A2)		Aquatic Faur		-/		Drainage Pa			
`	ion (A3)			: Plants (B14)				Water Table (C	2)	
_	Marks (B1)			ılfide Odor (C			Crayfish Bur	,	-)	
_	ent Deposits (B2)			zospheres on	-	s (C3)		isible on Aerial I	magery (C9)	
_	posits (B3)			Reduced Iron	-	(00)		tressed Plants (
_	at or Crust (B4)			Reduction in 7		26)		Position (D2)	,	
_	posits (B5)		Thin Muck S			,	X FAC-Neutral	. ,		
	ion Visible on Aerial Ima	gery (B7)	Gauge or We					` '		
	y Vegetated Concave S			in in Remarks	s)					
Field Observ	rational				ī					
Surface Wat		Yes No X	(Depth (inches)): N/A						
Water Table		Yes No X	_							
Saturation P		Yes No X	_		Wetland	Hydrolog	y Present?	Yes	No	Χ
(includes car						., 0.09	,,		'''_	
	corded Data (stream gai	uge, monitoring	well, aerial photos, pro	evious inspec	ctions), if ava	ilable:				
	, ,				•					
Remarks:										

Project/Site:	Pleasant Prairie							City/Count	y: Galloway/Frani	klin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy							State	e: OH	Sampling Point:	dp015
Investigator(s):	B Hess								Section, Townsh	nip, Range: N/A	
Landform (hillslope,	terrace, etc.):		oeslope						Lo	cal relief (concave, convex, none):	concave
Slope (%):	0%	Lat:			39.9287			Long:		-83.1998	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loan	n, 0 to 2 per	cent slopes (Ko)							NWI classif	ication: PEM1A
Are climatic / hydrol	ogic conditions on the s	ite typical fo	r this time of yea	ır?				Yes	X No	(If no, explain in Remarks.)	•
Are Vegetation	N	, Soil	N	, or Hydro	logy	N	significantly dis	turbed?	Are "Norm	al Circumstances" present?	Yes _ X _ No
Are Vegetation	N	, Soil	N	, or Hydro	logy	N	naturally proble	matic?	(If needed	, explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Attac	ch site m	ap showing	sampling	point lo	cations,	transects, im	portant featu	res, etc.		
Hydrophytic Ved	getation Present?			Yes	x		No	Is the	Sampled Ar	ea	
Hydric Soil Pres				Yes	Х		No	withi	n a Wetland?	Yes_x	No
Wetland Hydrol	ogy Present?			Yes	X	- 1	No	_			_
Remarks:	Use scientific na	ames of t	plants								
TEGET/ATION	OSC SCICITUMO III	unics or	Julius.				Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)						% Cover	Species?	Status	Dominance Test worksheet:	
1.											
2.										Number of Dominant Species	
3.										That Are OBL, FACW, or FAC:	1 (A)
4.											
5.										Total Number of Dominant	
								= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radiu:	s) _								Percent of Dominant Species	
1										That Are OBL, FACW, or FAC:	(A/B)
2.											
3											
4										Prevalence Index worksheet:	
5.											
								= Total Cover		Total % Cover of:	Multiply by:
LL-t Ot-t (Di-t	-i 51 di>									That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot										OBL species 90%	x1 = 0.90
Typha angustifo							70%	Yes	OBL	FACW species 10%	x2 = 0.20
2. Eleocharis obtu-							20%	No No	OBL	FAC species 5% FACU species 7%	x3 = 0.15
Oenothera bien Potentilla norve							5%	No No	FACU	FACU species 7% UPL species	x4 =0.28
								No No	FACW		x5 =(P)
5. Cyperus escule							5%	No No		Column Totals: 112%	(A) 1.53 (B)
6. Persicaria pens							2%	No No	FACU	Dravelence Index - I	D/A = 4.27
7. Abutilon theoph	rasu						270	140	FACO	Prevalence Index = 6	B/A = 1.37
9.								- ——	· ——		
10.										Hydrophytic Vegetation Indica	tore:
11.										yaropnyuc vegetation malca	
12.										X 1-Rapid Test for Hydrog	phytic Vegetation
13.										X 2-Dominance Test is >5	
14.										x 3-Prevalence Index is ≤	
15.										_	ations ¹ (Provide supporting
16.							_			data in Remarks or on	
17.							_			1	ic Vegetation ¹ (Explain)
18.							_			_	, , , , , , , , , , , , , , , , , , , ,
19.										¹ Indicators of hydric soil and wet	land hydrology must
20.							_			be present, unless disturbed or p	
							112%	= Total Cover			
Woody Vine Stratun	n (Plot size: 30' radius))								Hydrophytic	
1.		-								Vegetation	
2.											X No
								= Total Cover		1	
								-		1	
Remarks: (Include)	photo numbers here or	on a separa	te sheet.)							•	

rofile Descri	ption: (Describe to t	the depth nee	ded to document the i	ndicator or c	onfirm the a	absence o	f indicators.)	
Depth	Matrix	•		dox Features			,	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-8"	10YR 3/1	100					Clay Loam	
8-16"	10YR 5/2	90	10YR 4/6	10		M	Clay Loam	
							· —— –	
1Tumo: C=Co	neentration D-Deplet	ion DM-Dod	uced Matrix, CS=Covere	- Cooted S	Cond Crains	² l acati	on: PL=Pore Lining,	M=Matrix
ydric Soil In		lion, Rivi–Red	uced Matrix, CS=Covere	ed or Coaled (Sand Grains.		t Indicators of Hydri	
Histosol			Sandy Glev	ed Matrix (S4))	103	•	ese Masses (F12)
	pipedon (A2)		Sandy Redo	, ,	'			Dark Surface (F22)
Black His	. , ,		Stripped Ma	, ,				in in Remarks)
Hydroge	n Sulfide (A4)		Dark Surfac	e (S7)				•
Stratified	Layers (A5)		Loamy Muc	ky Mineral (F1	1)			
2 cm Mu	` '		Loamy Gley	ed Matrix (F2))			
	Below Dark Surface	(A11)	X Depleted M				2	
	rk Surface (A12)			Surface (F6)			•	icators have been updated to
	lucky Mineral (S1)			ark Surface (F	7)			Field Indicators of Hydric Soils
5 cm Mu	cky Peat or Peat (S3)		Redox Depr	ressions (F8)			in the United St	ates , Version 8.0, 2016.
lestrictive La	yer (if observed):							
Type:								
Depth (in	ches):					Hydric	Soil Present?	Yes X No
Depth (in	ches):					Hydric	Soil Present?	Yes X No
Depth (inc						Hydric	Soil Present?	Yes X No
Depth (indexes)						Hydric	Soil Present?	Yes <u>X</u> No
Depth (included in the content of th	OGY ology Indicators:	is required: c				Hydric	Secondary Indicate	ors (minimum of two required)
Depth (included in the content of th	OGY ology Indicators:	is required: c		ned Leaves (B	9)	Hydric	Terrore	ors (minimum of two required)
Depth (incompression of the property of the pr	OGY ology Indicators:	is required: c			9)	Hydric	Secondary Indicate Surface Soil Drainage Pa	ors (minimum of two required) Cracks (B6) tterns (B10)
Depth (incomplete in the property of the prope	ology Indicators: ators (minimum of one Water (A1) ter Table (A2) on (A3)	is required: c	Water-Stain Aquatic Fau True Aquati	ına (B13) c Plants (B14))	Hydric	Secondary Indicate Surface Soil Drainage Pa	ors (minimum of two required) Cracks (B6) tterns (B10) Water Table (C2)
Depth (indexed) EMARKS: EMAR	ology Indicators: ators (minimum of one Water (A1) ter Table (A2) on (A3) arks (B1)	is required: c	Water-Stain Aquatic Fau True Aquati Hydrogen S	ina (B13) c Plants (B14) sulfide Odor (C) (1)		Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Bur	ors (minimum of two required) Cracks (B6) tterns (B10) Water Table (C2) rows (C8)
Depth (incention of the content of t	ology Indicators: ators (minimum of one Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2)	is required: c	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ina (B13) c Plants (B14) iulfide Odor (C nizospheres or) (1) n Living Roo		Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Buri	ors (minimum of two required) Cracks (B6) Itterns (B10) Water Table (C2) rows (C8) Isible on Aerial Imagery (C9)
Depth (indexed) Emarks: IYDROLO Vetland Hydro Primary Indica Surface Volume High Wa Saturation Water Marks Sedimen Drift Dep	ology Indicators: ators (minimum of one Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2)	is required: c	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ina (B13) c Plants (B14) culfide Odor (C nizospheres of f Reduced Iron) c1) n Living Roo n (C4)	ts (C3)	Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Burn Saturation Vi	ors (minimum of two required) Cracks (B6) Itterns (B10) Water Table (C2) rows (C8) Isible on Aerial Imagery (C9) Itressed Plants (D1)
Depth (indexed) Emarks: IYDROLO Vetland Hydro Primary Indica Surface Volume High Wa Saturatio Water Mater	ology Indicators: ators (minimum of one Water (A1) tter Table (A2) on (A3) arks (B1) at Deposits (B2) cosits (B3) at or Crust (B4)	is required: c	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of	ina (B13) c Plants (B14) culfide Odor (C nizospheres or f Reduced Iror Reduction in) c1) n Living Roo n (C4)	ts (C3)	Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Burn Saturation Vi Stunted or S X Geomorphic	ors (minimum of two required) Cracks (B6) Itterns (B10) Water Table (C2) rows (C8) Isible on Aerial Imagery (C9) Itressed Plants (D1) Position (D2)
Depth (indexes) IYDROLO Vetland Hydro Primary Indica Surface V High Wa Saturatio Water Mark Sediment Drift Depton Algal Mark Iron Depton	ology Indicators: ators (minimum of one Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2) posits (B3) at or Crust (B4) osits (B5)		Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S	ina (B13) c Plants (B14) culfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7)) c1) n Living Roo n (C4)	ts (C3)	Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Burn Saturation Vi	ors (minimum of two required) Cracks (B6) Itterns (B10) Water Table (C2) rows (C8) Isible on Aerial Imagery (C9) Itressed Plants (D1) Position (D2)
Depth (indexes) IYDROLO Vetland Hydro Primary Indica Surface V High Wa Saturatio Water Mark Sediment Drift Dept Algal Mark Iron Dept Inundation	ology Indicators: ators (minimum of one Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2) posits (B3) at or Crust (B4) osits (B5) on Visible on Aerial Im	nagery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	una (B13) c Plants (B14) culfide Odor (C nizospheres of f Reduced Iror Reduction in Surface (C7) /ell Data (D9)) c1) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Burn Saturation Vi Stunted or S X Geomorphic	ors (minimum of two required) Cracks (B6) Itterns (B10) Water Table (C2) rows (C8) Isible on Aerial Imagery (C9) Itressed Plants (D1) Position (D2)
Depth (independent of the property of the prop	ology Indicators: ators (minimum of one Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2) posits (B3) at or Crust (B4) osits (B5)	nagery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	ina (B13) c Plants (B14) culfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7)) c1) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Burn Saturation Vi Stunted or S X Geomorphic	ors (minimum of two required) Cracks (B6) Itterns (B10) Water Table (C2) rows (C8) Isible on Aerial Imagery (C9) Itressed Plants (D1) Position (D2)
Depth (indexes) EMYDROLO Wetland Hydre Primary Indica Surface V High Wa Saturation Water Mark Sedimen Drift Dep Algal Ma Iron Depo Inundation Sparsely Field Observa	ology Indicators: ators (minimum of one Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2) cosits (B3) at or Crust (B4) osits (B5) on Visible on Aerial Im Vegetated Concave S	nagery (B7) Surface (B8)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	ina (B13) c Plants (B14) culfide Odor (Conizospheres or f Reduced Iror Reduction in Surface (C7) /ell Data (D9) ain in Remark) c1) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Burn Saturation Vi Stunted or S X Geomorphic	ors (minimum of two required) Cracks (B6) Itterns (B10) Water Table (C2) rows (C8) Isible on Aerial Imagery (C9) Itressed Plants (D1) Position (D2)
Depth (indexes) IYDROLO Vetland Hydre Primary Indica Surface V High Wa Saturation Water Mark Sedimen Drift Dep Algal Ma Iron Depo Inundation Sparsely	ology Indicators: ators (minimum of one Water (A1) ter Table (A2) on (A3) arks (B1) arks (B1) to Deposits (B2) sosits (B3) at or Crust (B4) osits (B5) on Visible on Aerial Im Vegetated Concave S ations: r Present?	nagery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	ina (B13) c Plants (B14) culfide Odor (Conizospheres of Reduced Iron Reduction in Surface (C7) /ell Data (D9) ain in Remark) c1) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Burn Saturation Vi Stunted or S X Geomorphic	ors (minimum of two required) Cracks (B6) Itterns (B10) Water Table (C2) rows (C8) Isible on Aerial Imagery (C9) Itressed Plants (D1) Position (D2)

Sparsely Vegetated Concave Surface (B8)

Other (Explain in Remarks)

Field Observations:

Surface Water Present?

Yes No X Depth (inches): N/A
Water Table Present?

Yes No X Depth (inches): N/A
Saturation Present?

Yes No X Depth (inches): N/A
Wetland Hydrology Present?

Yes X No
(includes capillary fringe)

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

Remarks:

Project/Site:	Pleasant Prairie							City/Cou	nty: G	Salloway/Frank	din	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy							Sta	ate: O	ЭН	Sampling Point:	dp016
Investigator(s):	B Hess								Se	ection, Townsh	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):	S	ummit							Loc	cal relief (concave, convex, none):	none
Slope (%):	0%	Lat:		39.928	9			Long:			-83.1998	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 perc	ent slopes (Ko)								NWI classif	fication: None
Are climatic / hydrol	ogic conditions on the	site typical for	this time of year	?				Ye	es_X	K No_	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	signi	ificantly dist	turbed?		Are "Norma	al Circumstances" present?	YesX_No
Are Vegetation	N	, Soil	N	, or Hydrology	N	natu	rally probler	matic?		(If needed,	explain any answers in Remarks.)	1
SUMMARY OF	FINDINGS Atta	ch site ma	p showing s	ampling point	locations	s, trans	ects, im	portant feat	ures	s, etc.		
Hydrophytic Veg	getation Present?			Yes	_	No	Х	ls ti	ne Sa	ampled Ar	ea	
Hydric Soil Pres				Yes x	_	No_		with	nin a	Wetland?	Yes	Nox
Wetland Hydrol	ogy Present?			Yes	_	No_	Х	-				
Remarks:	Use scientific n	ames of n	lants									
VEGETATION	OSC SCICITATION	unies or p	unto.				Absolute	Dominant		Indicator		
Tree Stratum (Plot	size: 30' radius)					_	% Cover	Species?		Status	Dominance Test worksheet:	
1												
2.											Number of Dominant Species	
3.											That Are OBL, FACW, or FAC:	(A)
4												
5.											Total Number of Dominant	
								= Total Cover			Species Across All Strata:	(B)
Sapling/Shrub Strate	um (Plot size: 15' radio	ıs) <u> </u>									Percent of Dominant Species	
1											That Are OBL, FACW, or FAC:	(A/B)
2												
3.												
4											Prevalence Index worksheet:	
5.											Total (Comment	M. Wh. h.
								- Total Cover			Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by:
Herb Stratum (Plot	size: 5' radius)										OBL species	x1 =
Sida spinosa							35%	Yes		FACU	FACW species	x2 =
Abutilon theoph	rasti						15%	Yes		FACU	FAC species	x3 =
3. Daucus carota							2%	No		UPL	FACU species 51%	x4 = 2.04
4. Acalypha rhomb	boidea						1%	No		FACU	UPL species 2%	x5 = 0.10
5.											Column Totals: 53%	(A) 2.14 (B)
6.												
7.											Prevalence Index = I	B/A = 4.04
8.												
9.												
10.											Hydrophytic Vegetation Indica	tors:
11.												
12.											1-Rapid Test for Hydro	phytic Vegetation
13.											2-Dominance Test is >	50%
14											3-Prevalence Index is ≤	
15.											<u> </u>	ations ¹ (Provide supporting
16											data in Remarks or on	
17											Problematic Hydrophyt	tic Vegetation ¹ (Explain)
18												
19.											¹ Indicators of hydric soil and wet	
20.											be present, unless disturbed or p	problematic.
							53%	= Total Cover				
	- (B)-1-1											
	n (Plot size: 30' radius	_									Hydrophytic	
						— —					Vegetation	N- V
2								- T-1-1-C			Present? Yes	No_X
						_		= Total Cover				
Pemarke: (Include:	photo numbers here or	on a corest	cheet \									
remains. (iliciude)	priorio munibers nere or	on a separate	. silect. j									

rofile Descr	iption: (Describe to t	he depth nee	ded to document the ir	ndicator or co	onfirm the a	bsence o	f indicators.)	
Depth	Matrix			dox Features			,	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-10"	10YR 3/2	100	Color (moloty		- 7/2-		Clay Loam	T CONTRACTOR OF THE CONTRACTOR
10-16"	10YR 5/2	85	10YR 6/6	15		M	Clay Loam	
10-10	1011(3/2		1011(0/0	10		IVI	Clay Loaili	
		- — –						
¹ Type: C=Co	oncentration, D=Deplet	ion, RM=Redu	ced Matrix, CS=Covere	d or Coated S	and Grains.	² Locati	on: PL=Pore Lining	, M=Matrix.
lydric Soil In	ndicators³:					Test	t Indicators of Hydr	ic Soils:
Histosol	(A1)		Sandy Gleye	ed Matrix (S4)			Iron-Manga	nese Masses (F12)
Histic E	pipedon (A2)		Sandy Redo	x (S5)			Very Shallo	w Dark Surface (F22)
Black Hi	istic (A3)		Stripped Mat	trix (S6)			Other (Expla	ain in Remarks)
Hydroge	en Sulfide (A4)		Dark Surface					
	d Layers (A5)			y Mineral (F1				
	uck (A10)			ed Matrix (F2)				
	d Below Dark Surface ((A11)	Depleted Ma				3	
	ark Surface (A12)		Redox Dark	. ,			•	dicators have been updated to
	Mucky Mineral (S1)			rk Surface (F	7)			e Field Indicators of Hydric Soils
5 cm Mu	ucky Peat or Peat (S3)		Redox Depre	essions (F8)			in the United S	States, Version 8.0, 2016.
Restrictive La	ayer (if observed):							
Type:								
Depth (in	nches):					Hydric	Soil Present?	Yes X No
						,		163 <u>X</u> 110
emarks:						,		763 <u>X</u> 110
emarks:						.,,		163 <u>X</u> 110
emarks:						yuo		
emarks:						,		
emarks:						,		7.03 <u>X</u> 110
	DGY					.,,		7.03 <u>X</u> 110 <u>———————————————————————————————————</u>
IYDROLO	OGY rology Indicators:					,	201	
HYDROLO		is required: ch	eck all that apply)				36	tors (minimum of two required)
IYDROLO Vetland Hydi Primary Indica	rology Indicators:	is required: ch		ed Leaves (BS	9)		Secondary Indicat	
IYDROLO Wetland Hydi Primary Indica Surface	rology Indicators: ators (minimum of one	is required: ch			9)		Secondary Indicat	tors (minimum of two required)
IYDROLO Wetland Hydi Primary Indica Surface	rology Indicators: ators (minimum of one Water (A1) ater Table (A2)	is required: ch	Water-Staine Aquatic Faul				Secondary Indicat Surface Soi	tors (minimum of two required) I Cracks (B6)
IYDROLO Vetland Hydi Primary Indica Surface High Wa Saturatio	rology Indicators: ators (minimum of one Water (A1) ater Table (A2)	is required: ch	Water-Staine Aquatic Faur True Aquatic	na (B13)			Secondary Indicat Surface Soi	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2)
IYDROLO Vetland Hydi Primary Indica Surface High Wa Saturati Water M	rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3)	is required: ch	Water-Staind Aquatic Faul True Aquatic Hydrogen St	na (B13) : Plants (B14)	1)		Secondary Indical Surface Soi Drainage Pa Dry-Season Crayfish Bu	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2)
HYDROLO Vetland Hydi Primary Indica Surface High Wa Saturatic Water M Sedimer	rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) farks (B1)	is required: ch	Water-Staind Aquatic Faul True Aquatic Hydrogen St	na (B13) : Plants (B14) ulfide Odor (C	1) Living Root		Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8)
YPDROLO Vetland Hydro Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep	rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2)	is required: ch	Water-Staine Aquatic Fau True Aquatic Hydrogen St Oxidized Rh	na (B13) : Plants (B14) ulfide Odor (C izospheres on	1) Living Root (C4)	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9)
YDROLO Vetland Hydro Primary Indica Surface High Wa Saturatic Water M Sedimer Drift Deg	rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) flarks (B1) nt Deposits (B2) posits (B3)	is required: ch	Water-Staine Aquatic Fau True Aquatic Hydrogen St Oxidized Rh	na (B13) Plants (B14) Ilfide Odor (C izospheres on Reduced Iron Reduction in 1	1) Living Root (C4)	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1)
HYDROLO Wetland Hydro Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma	rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5)		Water-Staind Aquatic Faur True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S	na (B13) E Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in rurface (C7)	1) Living Root (C4)	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S Geomorphic	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1)
Surface High Water M Sedimer Drift Dep Algal Ma	rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) flarks (B1) nt Deposits (B2) posits (B3) at or Crust (B4)	agery (B7)	Water-Staind Aquatic Faul True Aquatic Hydrogen St Oxidized Rhi Presence of Recent Iron Thin Muck S Gauge or Wi	na (B13) Plants (B14) Ilfide Odor (C izospheres on Reduced Iron Reduction in 1	1) Living Root (C4) Filled Soils (G	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S Geomorphic	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1)
Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely	rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) flarks (B1) int Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Image y Vegetated Concave S	agery (B7)	Water-Staind Aquatic Faul True Aquatic Hydrogen St Oxidized Rhi Presence of Recent Iron Thin Muck S Gauge or Wi	na (B13) E Plants (B14) Ulfide Odor (C izospheres on Reduced Iron Reduction in Furface (C7) ell Data (D9)	1) Living Root (C4) Filled Soils (G	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S Geomorphic	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1)
HYDROLO Wetland Hydica Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep	rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) flarks (B1) int Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Image Vegetated Concave Se	agery (B7) Surface (B8)	Water-Staine Aquatic Faul True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in 1 urface (C7) ell Data (D9) in in Remarks	1) Living Root (C4) Filled Soils (G	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S Geomorphic	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1)
HYDROLO Wetland Hydro Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely	rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) flarks (B1) int Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Image y Vegetated Concave Ser Present?	agery (B7) Surface (B8)	Water-Staind Aquatic Faul True Aquatic Hydrogen St Oxidized Rhi Presence of Recent Iron Thin Muck S Gauge or Wi	na (B13) Plants (B14) Ilfide Odor (C izospheres on Reduced Iron Reduction in Turface (C7) Ell Data (D9) In in Remarks N/A	1) Living Root (C4) Filled Soils (G	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S Geomorphic	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1)

US Army Corps of Engineers prepared by Cardno Midwest Region version 2.0

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

Project/Site:	Pleasant Prairie							City/Cour	nty: Gal	lloway/Frank	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy							Sta	te: OH	<u> </u>	Sampling Point:	dp017
Investigator(s):	B Hess								Sect	ion, Townsh	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):	_	Summit						_	Loc	al relief (concave, convex, none): r	none
Slope (%):	0%	Lat:		39.929	4			Long:			-83.2011	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 per	cent slopes (Ko)								NWI classifi	ication: PEM1A
Are climatic / hydrole	ogic conditions on the	site typical fo	r this time of yea	r?				Ye	s X	No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	sigi	nificantly dist	urbed?		Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydrology	N	nat	urally probler	natic?		(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site m	ap showing	sampling point	locations	s, tran	sects, imp	portant feat	ures,	etc.		
Hydrophytic Veg	getation Present?			Yes		No	X	ls th	ne Sai	mpled Are	ea	
Hydric Soil Pres	sent?			Yes		No	Х	with	nin a V	Wetland?	Yes	No <u></u>
Wetland Hydrol	ogy Present?			Yes	_	No_	X					
Remarks: VEGETATION -	Use scientific n	ames of	olants.									
							Absolute	Dominant		Indicator		
Tree Stratum (Plot	size: 30' radius)					_	% Cover	Species?		Status	Dominance Test worksheet:	
1												
2											Number of Dominant Species	
3											That Are OBL, FACW, or FAC:	(A)
4						— -						
5						— -					Total Number of Dominant	4 (8)
								= Total Cover			Species Across All Strata:	1 (B)
Capling/Charle Ctrate	····· (Diet eine: 15) redi										December of December of Consider	
	um (Plot size: 15' radio	-									Percent of Dominant Species That Are OBL, FACW, or FAC:	0% (A/B)
1						— -					That Are OBL, FACW, or FAC.	(A/B)
3						— -						
3.						— -					Prevalence Index worksheet:	
5.						— -					Prevalence index worksheet.	
J.								- Total Cover			Total % Cover of:	Multiply by:
								• 10101 00101			That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)										OBL species	x1 =
Glycine max	_			•			80%	Yes		UPL	FACW species	x2 =
2. Abutilon theophi	rasti						1%	No		FACU	FAC species	x3 =
3.											FACU species 1%	x4 = 0.04
4.											UPL species 80%	x5 = 4.00
5.											Column Totals: 81%	(A) 4.04 (B)
6.												
7.											Prevalence Index = E	B/A = 4.99
8.												
9.												
10.											Hydrophytic Vegetation Indicat	ors:
11.												
12.											1-Rapid Test for Hydrop	hytic Vegetation
13.											2-Dominance Test is >5	
14.											3-Prevalence Index is ≤	
15.											I —	itions ¹ (Provide supporting
16											data in Remarks or on	
17						— -					Problematic Hydrophyti	ic Vegetation ¹ (Explain)
18												
19											¹ Indicators of hydric soil and wetle	
20											be present, unless disturbed or p	roblematic.
							81%	= Total Cover				
	- (B)-1-1										L	
	n (Plot size: 30' radius	-									Hydrophytic	
											Vegetation	
2						— -		- Tet-1 C			Present? Yes_	No_X
						-		= Total Cover				
Demante: (Institute			to obset '									
Semarks: (Include)	photo numbers here or	on a separa	ie sneet.)									

rofile Desc	ription: (Describe to t	he depth need	ded to document the	indicator or conf	irm the al	bsence of	indicators.)		
)epth	Matrix			edox Features					
nches)	Color (moist)	<u></u> %	Color (moist)		Type ¹	Loc ²	Texture	Remarks	
0-16"	10YR 3/1	100	(**************************************				Loam		
Type: C=C	oncentration, D=Depleti	ion RM=Redu	iced Matrix CS=Cove	red or Coated San	d Grains	² l ocatio	on: PL=Pore Lining	M=Matrix	
	ndicators ³ :	ion, rawi-rada	ioca matrix, co-cover	ed or codica can	d Ordins.		Indicators of Hyd		
Histoso			Sandy Gley	ed Matrix (S4)			-	nese Masses (F12)	
Histic E	pipedon (A2)		Sandy Red	ox (S5)			Very Shallo	w Dark Surface (F22)	
Black H	listic (A3)		Stripped M	atrix (S6)			Other (Exp	ain in Remarks)	
	en Sulfide (A4)		Dark Surfa						
	ed Layers (A5)			cky Mineral (F1)					
	uck (A10)	(A44)		yed Matrix (F2)					
	ed Below Dark Surface (Park Surface (A12)	(ATT)	Depleted N	k Surface (F6)			³ The hydric soil in	ndicators have been updated	to
	Mucky Mineral (S1)			ark Surface (F7)			•	ne Field Indicators of Hydric S	
_ ′	ucky Peat or Peat (S3)			ressions (F8)				States , Version 8.0, 2016.	Jone
	ayer (if observed):		_ 	. ,				<u> </u>	
	ayer (ii observed).								
Type: _ Depth (i						Hydric	Soil Present?	Yes No _	Х
Type: _ Depth (i						Hydric	Soil Present?	Yes No_	Х
Type: _ Depth (i						Hydric	Soil Present?	Yes No_	X
Type: _ Depth (i						Hydric	Soil Present?	Yes No _	X
Type: _ Depth (i						Hydric	Soil Present?	Yes No_	X
Type: _ Depth (i marks:	nches):					Hydric	Soil Present?	Yes No_	X
Type: _ Depth (i marks:	nches):					Hydric	Soil Present?	Yes No_	X
Type: Depth (iemarks:	nches):					Hydric			
Type: Depth (i emarks: YDROLO /etland Hydrimary India	OGY Irology Indicators:	is required: ch				Hydric	Secondary Indica	itors (minimum of two require	
Type: Depth (i marks: YDROLO Tetland Hydrimary India	OGY Irology Indicators:	is required: ch	Water-Stai	ned Leaves (B9)		Hydric	Secondary Indica	itors (minimum of two require	
Type: Depth (i marks: YDROLO etland Hyo rimary Indio Surface High W	DGY Irology Indicators: cators (minimum of one water (A1) later Table (A2)	is required: ch	Water-Stai Aquatic Fa	una (B13)		Hydric	Secondary Indica Surface So Drainage P	itors (minimum of two require il Cracks (B6) atterns (B10)	
Type: Depth (i emarks: YDROLO fetland Hyd rimary India Surface High W Saturat	OGY Irology Indicators: cators (minimum of one b Water (A1) dater Table (A2) ion (A3)	is required: ch	Water-Stai Aquatic Fa True Aquat	una (B13) tic Plants (B14)		Hydric	Secondary Indica Surface So Drainage P Dry-Seasor	ntors (minimum of two require il Cracks (B6) atterns (B10) n Water Table (C2)	
Type: Depth (i emarks: YDROLO fetland Hyd rimary India Surface High W Saturat Water I	DGY Irology Indicators: cators (minimum of one of Water (A1) cater Table (A2) ion (A3) Marks (B1)	is required: ch	Water-Stai Aquatic Fa True Aquat Hydrogen S	una (B13) tic Plants (B14) Sulfide Odor (C1)	wing Poet		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	ators (minimum of two require il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8)	ed)
Type: Depth (i	DGY Irology Indicators: cators (minimum of one a Water (A1) dater Table (A2) ion (A3) Marks (B1) ent Deposits (B2)	is required: ch	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R	una (B13) tic Plants (B14) Sulfide Odor (C1) hizospheres on Li	•		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	ntors (minimum of two require il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9	ed)
Type: Depth (i emarks: YDROLO fetland Hydrimary India Surface High W Saturat Water I Sedime Drift De	DGY Irology Indicators: cators (minimum of one a Water (A1) cater Table (A2) cion (A3) Marks (B1) control Deposits (B2) coposite (B3)	is required: ch	Water-Stai Aquatic Fa True Aquati Hydrogen S Oxidized R Presence of	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on Li of Reduced Iron (C	24)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or	ators (minimum of two require il Cracks (B6) atterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9 Stressed Plants (D1)	ed)
Type: Depth (i	Inches): DGY Irology Indicators: Eators (minimum of one of water (A1) Eater Table (A2) Eion (A3) Marks (B1) Ent Deposits (B2) Exposits (B3) Eat or Crust (B4)	is required: ch	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on Li of Reduced Iron (C	24)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two require il Cracks (B6) atterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9 Stressed Plants (D1) c Position (D2)	ed)
Type: Depth (i emarks: YDROLO fetland Hydrimary India Surface High W Saturat Water I Sedime Drift De Algal M Iron De	Irology Indicators: cators (minimum of one a Water (A1) dater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) aposits (B3) lat or Crust (B4) posits (B5)	·	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iron Thin Muck	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Li of Reduced Iron (C n Reduction in Tille Surface (C7)	24)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two require il Cracks (B6) atterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9 Stressed Plants (D1)	ed)
Type: Depth (i emarks: YDROLO fetland Hyd rimary Indio Surface High W Saturat Water I Sedime Drift De Algal M Iron De Inundat	Inches): DGY Irology Indicators: Eators (minimum of one of water (A1) Eater Table (A2) Eion (A3) Marks (B1) Ent Deposits (B2) Exposits (B3) Eat or Crust (B4)	agery (B7)	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Gauge or V	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on Li of Reduced Iron (C	24)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two require il Cracks (B6) atterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9 Stressed Plants (D1) c Position (D2)	ed)
Type: Depth (i emarks: YDROLO /etland Hyd emary India Surface High W Saturat Water I Sedime Drift De Algal M Iron De Inundat Sparse	DGY Irology Indicators: cators (minimum of one or Water (A1) later Table (A2) lion (A3) Marks (B1) lion (B3) lat or Crust (B4) posits (B5) lion Visible on Aerial Imally Vegetated Concave S	agery (B7)	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Li of Reduced Iron (C n Reduction in Tillo Surface (C7) Vell Data (D9)	24)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two require il Cracks (B6) atterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9 Stressed Plants (D1) c Position (D2)	ed)
Type: Depth (i emarks: YDROLO fetland Hyd frimary India Surface High W Saturat Water I Sedime Drift De Algal M Iron De Inundat Sparse	Inches): DGY Irology Indicators: Eators (minimum of one of water (A1) Eater Table (A2) Eators (B1) Eater Table (B2) Eators (B3) Eator Crust (B4) Eator Crust (B4) Eator Crust (B5) Eator Visible on Aerial Image (B5)	agery (B7) Surface (B8)	Water-Stai Aquatic Fa True Aquati Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Gauge or V Other (Exp	una (B13) icic Plants (B14) Sulfide Odor (C1) hizospheres on Li of Reduced Iron (C n Reduction in Tille Surface (C7) Vell Data (D9) lain in Remarks)	24)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two require il Cracks (B6) atterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9 Stressed Plants (D1) c Position (D2)	ed)
Type: Depth (i emarks: YDROLO /etland Hyd Surface High W Saturat Water I Sedime Drift De Algal M Iron De Inundat Sparse	Inches): DGY Irology Indicators: Eators (minimum of one of water (A1) Inter Table (A2) Iron (A3) Marks (B1) Int Deposits (B2) Int Deposits (B3) Int or Crust (B4) Interposits (B5) Iron Visible on Aerial Imaly Vegetated Concave Serations: Iron Present?	agery (B7) Surface (B8)	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Gauge or V	una (B13) icic Plants (B14) Sulfide Odor (C1) hizospheres on Li of Reduced Iron (C n Reduction in Tille Surface (C7) Vell Data (D9) lain in Remarks)	24)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two require il Cracks (B6) atterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9 Stressed Plants (D1) c Position (D2)	ed)
Type: Depth (i emarks: YDROLO /etland Hyde Surface High W Saturat Water I Sedime Drift De Algal M Iron De Inundat Sparse Surface Water Surface Water	procession of the process of the pro	agery (B7) Surface (B8) Yes No	Water-Stai Aquatic Fa True Aquati Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Gauge or V Other (Exp	una (B13) icic Plants (B14) Sulfide Odor (C1) hizospheres on Li of Reduced Iron (C n Reduction in Tille Surface (C7) Vell Data (D9) lain in Remarks) ss): N/A N/A	c4) ed Soils (0	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two require il Cracks (B6) atterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9 Stressed Plants (D1) c Position (D2)	d)

Project/Site:	Pleasant Prairie							City/Cour	ty: Gallo	way/Frank	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy							Sta	te: OH		Sampling Point:	dp018
Investigator(s):	B Hess								Section	n, Townsh	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):		Summit						_	Loc	al relief (concave, convex, none):	None
Slope (%):	0%	Lat:		39.933	3			Long:			-83.1948	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 pe	rcent slopes (Ko)								NWI classifi	ication: None
Are climatic / hydrol	ogic conditions on the	site typical fo	or this time of year	r?				Ye	s X	No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	sigr	nificantly dist	urbed?		Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydrology	N	nati	urally probler	natic?		(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site m	ap showing	sampling point	locations	s, trans	sects, imp	oortant feat	ures, e	etc.		
Hydrophytic Veg	getation Present?			Yes		No	X	ls th	e Sam	pled Are	ea	
Hydric Soil Pres	sent?			Yes		No	Х	with	in a W	etland?	Yes	Nox
Wetland Hydrol	ogy Present?			Yes	_	No_	Х					
Remarks:	Use scientific n	ames of	nlants									
VEGETATION	OSC SCICITATION	unies or	piants.				Absolute	Dominant	In	dicator		
Tree Stratum (Plot	size: 30' radius)					_	% Cover	Species?	8	Status	Dominance Test worksheet:	
1.												
2.											Number of Dominant Species	
3.											That Are OBL, FACW, or FAC:	(A)
4												
5.											Total Number of Dominant	
								= Total Cover			Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radiu	ıs)									Percent of Dominant Species	
1											That Are OBL, FACW, or FAC:	(A/B)
2												
3.									- —			
4									- —		Prevalence Index worksheet:	
5.											Total N. Commont	Mallintation
								- Total Cover			Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by: A/B
Herb Stratum (Plot	size: 5' radius)										OBL species	x1 =
Trifolium hybride							75%	Yes		FACU	FACW species	x2 =
Abutilon theoph							5%	No		FACU	FAC species 4%	x3 = 0.12
3. Acalypha rhomb							2%	No		FACU	FACU species 84%	x4 = 3.36
4. Erigeron canade	ensis						2%	No		FACU	UPL species	x5 =
5. Potentilla norve	gica						2%	No		FAC	Column Totals: 88%	(A) 3.48 (B)
6. Ambrosia trifida							2%	No		FAC		
7.											Prevalence Index = E	B/A = 3.95
8.												
9.												
10.											Hydrophytic Vegetation Indicat	ors:
11.												
12.											1-Rapid Test for Hydrop	hytic Vegetation
13.											2-Dominance Test is >5	
14.											3-Prevalence Index is ≤	
15											<u> </u>	itions ¹ (Provide supporting
16											data in Remarks or on	
17											Problematic Hydrophyti	ic Vegetation ¹ (Explain)
18												
19											¹ Indicators of hydric soil and wetle	
20.							****		- —		be present, unless disturbed or p	roblematic.
							88%	= Total Cover				
	. (8)-1-1										l	
	n (Plot size: 30' radius										Hydrophytic	
						— –					Vegetation	N- V
2						— –		- T-1-1-0	- —		Present? Yes_	No_X
						-		= Total Cover				
Pemarke: (Include:	nhoto numbers here	on o conc	to cheet \								<u> </u>	
Remarks: (Include	photo numbers here or	оп а ѕерага	ne sneet.)									

rofile Description: (Describe to	the depth nee	ded to document the	ndicator or c	onfirm the a	bsence of	f indicators.)		
epth Matrix			dox Features					
nches) Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	- Texture	Rer	narks
0-16" 10YR 3/2	100	, ,				Clay Loam		
			- —					
	- — –		- —					
	- — –		- —					
	- — –		- —					
Type: C=Concentration, D=Deplet	ion. RM=Redu	uced Matrix. CS=Cover	ed or Coated 5	Band Grains.	² Locati	ion: PL=Pore Lining	. M=Matrix.	
dric Soil Indicators ³ :	,	ioda maam, oo oo oo				t Indicators of Hyd		
Histosol (A1)		Sandy Gley	ed Matrix (S4))		Iron-Manga	nese Masses (F12	2)
Histic Epipedon (A2)		Sandy Red	ox (S5)			Very Shallo	w Dark Surface (F	22)
Black Histic (A3)		Stripped Ma	, ,			Other (Expl	ain in Remarks)	
Hydrogen Sulfide (A4)		Dark Surface						
Stratified Layers (A5)			ky Mineral (F1	,				
2 cm Muck (A10) Depleted Below Dark Surface	/A11)	Loamy Gley Depleted M	/ed Matrix (F2))				
Thick Dark Surface (A12)	(A11)		Surface (F6)			³ The hydric soil in	idicators have bee	n undated to
Sandy Mucky Mineral (S1)			ark Surface (F	7)		•	e Field Indicators	
carray masky minoral (c r)		Dopieted B	arit Garrage (i	• /		comply mara	o i ioia iiiaioatoi o	•
5 cm Mucky Peat or Peat (S3)		Redox Depi	ressions (F8)			in the United S	States, Version 8.0	, 2016.
5 cm Mucky Peat or Peat (S3)		Redox Dep	ressions (F8)			in the United S	States , Version 8.0	, 2016.
estrictive Layer (if observed):		Redox Dep	ressions (F8)			in the United S	States , Version 8.0	, 2016.
		Redox Dep	ressions (F8)		Hydric	in the United S	States , Version 8.0	, 2016. No
estrictive Layer (if observed):		Redox Dep	ressions (F8)		Hydric			
estrictive Layer (if observed): Type: Depth (inches):		Redox Dep	ressions (F8)		Hydric			
rstrictive Layer (if observed): Type: Depth (inches):		Redox Dep	ressions (F8)		Hydric			
rype: Depth (inches): marks:		Redox Dep	ressions (F8)		Hydric			
estrictive Layer (if observed): Type: Depth (inches): marks:		Redox Dep	ressions (F8)		Hydric			
estrictive Layer (if observed): Type: Depth (inches): emarks: YDROLOGY [etland Hydrology Indicators: rimary Indicators (minimum of one			ressions (F8)		Hydric	Soil Present?		No
estrictive Layer (if observed): Type: Depth (inches): emarks: YDROLOGY etland Hydrology Indicators:		neck all that apply)	ned Leaves (B	9)	Hydric	Soil Present?	Yes	No
estrictive Layer (if observed): Type: Depth (inches): marks: YDROLOGY etland Hydrology Indicators: rimary Indicators (minimum of one		neck all that apply)	ned Leaves (B	9)	Hydric	Secondary Indica	Yestors (minimum of t	No
pestrictive Layer (if observed): Type: Depth (inches): marks: YDROLOGY etland Hydrology Indicators: rimary Indicators (minimum of one Surface Water (A1)		neck all that apply) Water-Stair Aquatic Fau	ned Leaves (B		Hydric	Secondary Indica Surface So Drainage P	Yestors (minimum of to il Cracks (B6)	No wo required)
estrictive Layer (if observed): Type: Depth (inches): Pmarks: YDROLOGY (etland Hydrology Indicators: rimary Indicators (minimum of one Surface Water (A1) High Water Table (A2)		neck all that apply) Water-Stair Aquatic Fau	ned Leaves (B)	Hydric	Secondary Indica Surface So Drainage P	tors (minimum of to il Cracks (B6) atterns (B10) in Water Table (C2)	No wo required)
estrictive Layer (if observed): Type: Depth (inches): PMROLOGY Type: Depth (inches): Permarks: PMROLOGY Type: Depth (inches): Permarks: PMROLOGY Type: Depth (inches): PMROLOGY Type: Depth (inches): PMROLOGY Type: Depth (inches): Type: Depth (inches): Depth (inches): Type: Depth (inches):		neck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S	ned Leaves (B una (B13) ic Plants (B14) Sulfide Odor (C nizospheres or) :1) n Living Root		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation	tors (minimum of trill Cracks (B6) atterns (B10) to Water Table (C2) wirrows (C8)	Nowo required)
rimary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)		neck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri	ned Leaves (B una (B13) ic Plants (B14) Sulfide Odor (C nizospheres or f Reduced Iror) c1) n Living Root n (C4)	rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or	tors (minimum of to il Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Im Stressed Plants (D	Nowo required)
rimary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)		neck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron	ned Leaves (B una (B13) ic Plants (B14) Sulfide Odor (C nizospheres or f Reduced Iror Reduction in) c1) n Living Root n (C4)	rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of trill Cracks (B6) atterns (B10) water Table (C2) prows (C8) Visible on Aerial In Stressed Plants (Dc Position (D2)	Nowo required)
estrictive Layer (if observed): Type: Depth (inches): marks: YDROLOGY etland Hydrology Indicators: rimary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	is required: ch	neck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S	ned Leaves (Bi una (B13) ic Plants (B14) Sulfide Odor (C nizospheres or f Reduced Iror r Reduction in Surface (C7)) c1) n Living Root n (C4)	rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or	tors (minimum of trill Cracks (B6) atterns (B10) water Table (C2) prows (C8) Visible on Aerial In Stressed Plants (Dc Position (D2)	Nowo required)
rimary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Im	is required: ch	neck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S	ned Leaves (Bi una (B13) ic Plants (B14) Sulfide Odor (C nizospheres or f Reduced Iror i Reduction in Surface (C7) Vell Data (D9)) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of trill Cracks (B6) atterns (B10) water Table (C2) prows (C8) Visible on Aerial In Stressed Plants (Dc Position (D2)	Nowo required)
rimary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	is required: ch	neck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S	ned Leaves (Bi una (B13) ic Plants (B14) Sulfide Odor (C nizospheres or f Reduced Iror r Reduction in Surface (C7)) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of trill Cracks (B6) atterns (B10) water Table (C2) prows (C8) Visible on Aerial In Stressed Plants (Dc Position (D2)	Nowo required)
estrictive Layer (if observed): Type: Depth (inches): marks: YDROLOGY etland Hydrology Indicators: rimary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Im Sparsely Vegetated Concave	is required: ch	neck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S	ned Leaves (Bi una (B13) ic Plants (B14) Sulfide Odor (C nizospheres or f Reduced Iror i Reduction in Surface (C7) Vell Data (D9)) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of trill Cracks (B6) atterns (B10) water Table (C2) prows (C8) Visible on Aerial In Stressed Plants (Dc Position (D2)	Nowo required)
rimary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Im Sparsely Vegetated Concave Seld Observations:	nagery (B7) Surface (B8)	neck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S Gauge or W Other (Expl	ned Leaves (Bisuna (B13)) ic Plants (B14) Sulfide Odor (Conizospheres or freduced Ironal Reduction in Surface (C7) Vell Data (D9) ain in Remarks) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of trill Cracks (B6) atterns (B10) water Table (C2) prows (C8) Visible on Aerial In Stressed Plants (Dc Position (D2)	Nowo required)
rimary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Im	nagery (B7) Surface (B8) Yes No Yes No	neck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S Gauge or W Other (Expl	ned Leaves (Bisuna (B13)) ic Plants (B14) ic Plants (B14) ic Plants of reduced Iron in Reduction in Surface (C7) if I Data (D9) ain in Remarks is: N/A s): N/A	c1) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of trill Cracks (B6) atterns (B10) water Table (C2) prows (C8) Visible on Aerial In Stressed Plants (Dc Position (D2)	Nowo required)

Project/Site:	Pleasant Prairie							City/County	: Galloway/Frank	din	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy							State	: ОН	Sampling Point:	dp019
Investigator(s):	B Hess								Section, Townsh	nip, Range: N/A	
Landform (hillslope,	terrace, etc.):		Toeslope						Loc	cal relief (concave, convex, none):	concave
Slope (%):	0%	Lat:			39.9351			Long:		-83.1964	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 pe	rcent slopes (Ko))						NWI classifi	ication: PUBGx
Are climatic / hydrol	ogic conditions on the	site typical f	or this time of yea	ar?				Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydro	ogy	N	significantly dist	urbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydro	logy	N	naturally probler	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site n	nap showing	sampling	point loc	cations, t	ransects, imp	oortant featu	res, etc.		
Hydrophytic Veg	getation Present?			Yes	Х	N	0	Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?			Yes	Х	N	٥	withir	n a Wetland?	Yes x	No
Wetland Hydrol	ogy Present?			Yes	Х	N	0				
Remarks: VEGETATION -	Use scientific n	ames of	plants.								
							Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)						% Cover	Species?	Status	Dominance Test worksheet:	
1											
2.										Number of Dominant Species	
3.										That Are OBL, FACW, or FAC:	(A)
4											
5.										Total Number of Dominant	
								= Total Cover		Species Across All Strata:	(B)
Sapling/Shrub Strate	um (Plot size: 15' radiu	ıs)								Percent of Dominant Species	
1										That Are OBL, FACW, or FAC:	(A/B)
2.											
3.											
4										Prevalence Index worksheet:	
5.											
								- Total Cover		Total % Cover of:	Multiply by:
										That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)			-						OBL species 105%	x1 = 1.05
Typha latifolia							80%	Yes	OBL	FACW species 1%	x2 = 0.02
Typha angustifo							25% 1%	Yes No	OBL	FAC species 1%	x3 = 0.03
Populus deltoide Cyperus strigos							1%	No No	FACW	FACU species	x4 =
4. Cyperus strigos	us						170	140	FACW	UPL species	x5 =(A)
5.										Column Totals: 107%	(A) 1.10 (B)
·										Developed Index - 1	D/A - 4.00
*										Prevalence Index = E	B/A = 1.03
9.											
10.										Hydrophytic Vegetation Indicat	tore
11.										Hydrophytic vegetation indicat	Jois.
12.										X 1-Rapid Test for Hydrop	abutia Vagatatian
13.										X 2-Dominance Test is >5	
14.										x 3-Prevalence Index is ≤	
15.										I —	ations ¹ (Provide supporting
16.										data in Remarks or on	
17.										1	ic Vegetation ¹ (Explain)
18.										_	, , , , , , , , , , , , , , , , , , , ,
19.										¹ Indicators of hydric soil and wetl	and hydrology must
20.										be present, unless disturbed or p	
							107%	= Total Cover		p	
							. 31 70	. 512. 50101			
Woody Vine Stratun	n (Plot size: 30' radius	;)								Hydrophytic	
1.	_ ,									Vegetation	
2.										1	X No
I								= Total Cover			
Remarks: (Include	photo numbers here or	on a separa	ite sheet.)							•	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		5-6-310	/								

SOIL	nintiana (Daganiha ta ti	la danth na a	lad ta daarmaant tha b	- di d	E (I			mpling Point: dp019
	ription: (Describe to t Matrix	ne depth need		dox Features	onfirm the a	ibsence o	rindicators.)	
Depth (inches)	Color (moist)	<u></u> %	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-16"	10YR 6/1	85	10YR 5/6	15	C	M		- Itemarks
0-16	1011 6/1		10113/6			IVI	Clay Loam	
		- — —						
		- — —					·	
		- — —		. ——				
		- — —						
		- — —						
	concentration, D=Depleti	on, RM=Redu	ced Matrix, CS=Covere	ed or Coated S	Sand Grains.	² Locati	on: PL=Pore Lini	ng, M=Matrix.
Hydric Soil I	ndicators ³ :					Tes	t Indicators of Hy	dric Soils:
Histoso	, ,			ed Matrix (S4)				ganese Masses (F12)
	Epipedon (A2)		Sandy Redo	, ,				llow Dark Surface (F22)
	listic (A3)		Stripped Ma	, ,			Other (Ex	plain in Remarks)
	en Sulfide (A4) ed Layers (A5)		Dark Surface	e (S7) ky Mineral (F1	`			
	luck (A10)			ed Matrix (F2)	,			
	ed Below Dark Surface (A11)	X Depleted Ma	, ,	,			
	Dark Surface (A12)	, ,		Surface (F6)			³ The hydric soil	indicators have been updated to
	Mucky Mineral (S1)			rk Surface (F	7)			the Field Indicators of Hydric Soils
	. ,				,			-
5 cm M	lucky Peat or Peat (S3)		X Redox Depr	essions (F8)			in the United	d States, Version 8.0, 2016.
			X Redox Depr	essions (F8)			in the United	d States , Version 8.0, 2016.
Restrictive L	lucky Peat or Peat (S3) Layer (if observed):		X_ Redox Depr	essions (F8)			in the United	d States , Version 8.0, 2016.
	_ayer (if observed):		X Redox Depr	essions (F8)		Hydric	in the United	Yes X No
Restrictive L Type: _ Depth (i	_ayer (if observed):		X Redox Depr	essions (F8)		Hydric		
Restrictive L	_ayer (if observed):		X Redox Depr	essions (F8)		Hydric		
Restrictive L Type: _ Depth (i	_ayer (if observed):		X Redox Depr	essions (F8)		Hydric		
Restrictive L Type: _ Depth (i	_ayer (if observed):		X Redox Depr	essions (F8)		Hydric		
Restrictive L Type: _ Depth (i	_ayer (if observed):		X Redox Depr	essions (F8)		Hydric		
Restrictive L Type: _ Depth (i	Layer (if observed):		X Redox Depr	essions (F8)		Hydric		
Restrictive L Type: _ Depth (i Remarks:	ayer (if observed):		X Redox Depr	essions (F8)		Hydric		
Restrictive L Type: _ Depth (i Remarks:	ayer (if observed): inches): OGY drology Indicators:			essions (F8)		Hydric	Soil Present?	Yes X No
Restrictive L Type: _ Depth (i) Remarks: HYDROLO Wetland Hyden	OGY drology Indicators: cators (minimum of one	is required: ch	eck all that apply)		a)	Hydric	Soil Present?	Yes X No
Restrictive L Type: _ Depth (i Remarks: HYDROLO Wetland Hyd Primary India	OGY drology Indicators: cators (minimum of one of Water (A1)	is required: ch	eck all that apply) Water-Stain	ed Leaves (B	9)	Hydric	Soil Present? Secondary Indi Surface S	Yes X No
Restrictive L Type: _ Depth (i Remarks: HYDROLO Wetland Hyd Primary India Surface High W	OGY drology Indicators: cators (minimum of one a Water (A1) //drer Table (A2)	is required: ch	eck all that apply) —— Water-Stain- —— Aquatic Fau	ed Leaves (B		Hydric	Soil Present? Secondary Indi Surface S Drainage	Yes X No
Restrictive L Type: _ Depth (i Remarks: HYDROLO Wetland Hyd Primary India Surface High W X Saturat	OGY drology Indicators: cators (minimum of one e Water (A1) drater Table (A2) drol (A3)	is required: ch	eck all that apply) —— Water-Stain —— Aquatic Fau —— True Aquatic	ed Leaves (B na (B13) c Plants (B14))	Hydric	Secondary Indi Surface S Drainage Dry-Seas	Yes X No
Restrictive L Type: _ Depth (i Remarks: HYDROLO Wetland Hyd Primary India Surface High W X Saturat Water I	OGY drology Indicators: cators (minimum of one e Water (A1) dater Table (A2) cition (A3) Marks (B1)	is required: ch	eck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen St	ed Leaves (B na (B13) c Plants (B14) ulfide Odor (C):1)		Secondary Indi Surface S Drainage Dry-Seas Crayfish	Yes X No cators (minimum of two required) Soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8)
Restrictive L Type: _ Depth (i Remarks: HYDROLO Wetland Hyd Primary India Surface High W X Saturat Water I Sedime	OGY drology Indicators: cators (minimum of one e Water (A1) dater Table (A2) cion (A3) Marks (B1) ent Deposits (B2)	is required: ch	eck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh	ed Leaves (B: na (B13) c Plants (B14) ulfide Odor (C izospheres or) :1) n Living Root		Secondary Indi Surface S Drainage Dry-Seas Crayfish Saturatio	Yes X No
Restrictive L Type: _ Depth (i Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W X Saturat Water I Sedime Drift De	OGY drology Indicators: eators (minimum of one e Water (A1) dater Table (A2) dion (A3) Marks (B1) ent Deposits (B2) eposits (B3)	is required: ch	eck all that apply) Water-Staine Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh	ed Leaves (B na (B13) c Plants (B14) ulfide Odor (C izospheres or Reduced Iror) 11) n Living Root n (C4)	ts (C3)	Secondary Indi Surface S Drainage Dry-Seas Crayfish Saturatio Stunted of	Yes X No cators (minimum of two required) Soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) or Stressed Plants (D1)
Restrictive L Type: _ Depth (i Remarks: HYDROLO Wetland Hyd Primary India Surface High W X Saturat Water I Sedime Drift De Algal M	OGY drology Indicators: cators (minimum of one e Water (A1) dater Table (A2) dion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4)	is required: ch	eck all that apply) Water-Staine Aquatic Fau True Aquatic Hydrogen Se Oxidized Rh Presence of Recent Iron	ed Leaves (Bina (B13) c Plants (B14) ulfide Odor (Cizospheres or Reduced Iror Reduction in) 11) n Living Root n (C4)	ts (C3)	Secondary Indi Surface S Drainage Dry-Seas Crayfish Saturatio Stunted c X Geomorp	Yes X No Cators (minimum of two required) Soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) In Visible on Aerial Imagery (C9) or Stressed Plants (D1) whic Position (D2)
Restrictive L Type: _ Depth (i Remarks: HYDROLO Wetland Hyd Primary India Surface High W X Saturat Water I Sedime Drift De Algal M Iron De	OGY drology Indicators: cators (minimum of one a Water (A1) dater Table (A2) dion (A3) Marks (B1) ent Deposits (B2) eposits (B3) dat or Crust (B4) eposits (B5)		eck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck S	ed Leaves (Bana (B13) c Plants (B14) ulfide Odor (C izospheres or Reduced Iror Reduction in Surface (C7)) 11) n Living Root n (C4)	ts (C3)	Secondary Indi Surface S Drainage Dry-Seas Crayfish Saturatio Stunted c X Geomorp	Yes X No cators (minimum of two required) Soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) or Stressed Plants (D1)
Restrictive L Type: _ Depth (i Remarks: HYDROLO Wetland Hyd Primary India Surface High W X Saturat Water I Sedime Drift De Algal M Iron De Inundat	OGY drology Indicators: cators (minimum of one e Water (A1) dater Table (A2) dion (A3) Marks (B1) ent Deposits (B2) eposits (B3) dat or Crust (B4) eposits (B5) tion Visible on Aerial Image	agery (B7)	eck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck Si Gauge or W	ed Leaves (Bina (B13) c Plants (B14) ulfide Odor (Cizospheres or Reduced Iror Reduction in Surface (C7) ell Data (D9)) n Living Root n (C4) Tilled Soils (ts (C3)	Secondary Indi Surface S Drainage Dry-Seas Crayfish Saturatio Stunted c X Geomorp	Yes X No Cators (minimum of two required) Soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) In Visible on Aerial Imagery (C9) or Stressed Plants (D1) whic Position (D2)
Restrictive L Type: _ Depth (i Remarks: HYDROLO Wetland Hyd Primary India Surface High W X Saturat Water I Sedime Drift De Algal M Iron De Inundat	OGY drology Indicators: cators (minimum of one a Water (A1) dater Table (A2) dion (A3) Marks (B1) ent Deposits (B2) eposits (B3) dat or Crust (B4) eposits (B5)	agery (B7)	eck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck Si Gauge or W	ed Leaves (Bana (B13) c Plants (B14) ulfide Odor (C izospheres or Reduced Iror Reduction in Surface (C7)) n Living Root n (C4) Tilled Soils (ts (C3)	Secondary Indi Surface S Drainage Dry-Seas Crayfish Saturatio Stunted c X Geomorp	Yes X No Cators (minimum of two required) Soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) In Visible on Aerial Imagery (C9) or Stressed Plants (D1) whic Position (D2)
Restrictive L Type: _ Depth (i Remarks: HYDROLO Wetland Hyd Primary India Surface High W X Saturat Water I Sedime Drift De Algal M Iron De Inundat Sparse	OGY drology Indicators: eators (minimum of one of water (A1) dater Table (A2) dion (A3) Marks (B1) ent Deposits (B2) eposits (B3) dat or Crust (B4) eposits (B5) tion Visible on Aerial Imally Vegetated Concave Sevations:	agery (B7) Surface (B8)	eck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	ed Leaves (Bina (B13)) c Plants (B14) ulfide Odor (Cizospheres or Reduced Iror Reduction in Surface (C7) ell Data (D9)) n Living Root n (C4) Tilled Soils (ts (C3)	Secondary Indi Surface S Drainage Dry-Seas Crayfish Saturatio Stunted c X Geomorp	Yes X No Cators (minimum of two required) Soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) In Visible on Aerial Imagery (C9) or Stressed Plants (D1) whic Position (D2)
Restrictive L Type: _ Depth (i Remarks: HYDROLO Wetland Hyd Primary India Surface High W X Saturat Water I Sedime Drift De Algal M Iron De Inundat Sparse Field Observ Surface Wat	OGY drology Indicators: cators (minimum of one a Water (A1) dater Table (A2) dion (A3) Marks (B1) ent Deposits (B2) eposits (B3) dat or Crust (B4) eposits (B5) tion Visible on Aerial Imally Vegetated Concave Separations: der Present?	agery (B7) Surface (B8)	eck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck Si Gauge or W Other (Explain	ed Leaves (Bana (B13)) c Plants (B14) ulfide Odor (Calizospheres or Reduced Iror Reduction in Surface (C7) ell Data (D9) ain in Remarka) n Living Root n (C4) Tilled Soils (ts (C3)	Secondary Indi Surface S Drainage Dry-Seas Crayfish Saturatio Stunted c X Geomorp	Yes X No Cators (minimum of two required) Soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) In Visible on Aerial Imagery (C9) or Stressed Plants (D1) whic Position (D2)
Restrictive L Type: _ Depth (i Remarks: HYDROLO Wetland Hyd Primary India Surface High W X Saturat Water I Sedime Drift De Algal M Iron De Inundat Sparse	OGY drology Indicators: cators (minimum of one a Water (A1) dater Table (A2) dion (A3) Marks (B1) ent Deposits (B2) posits (B3) dat or Crust (B4) eposits (B5) tion Visible on Aerial Imally Vegetated Concave Separations: der Present?	agery (B7) Surface (B8)	eck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	ed Leaves (Bina (B13)) c Plants (B14) ulfide Odor (Cizospheres or Reduced Iror Reduction in Surface (C7) ell Data (D9) ain in Remarks b): N/A) n Living Root n (C4) Tilled Soils (ts (C3)	Secondary Indi Surface S Drainage Dry-Seas Crayfish Saturatio Stunted c X Geomorp	Yes X No Cators (minimum of two required) Soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) In Visible on Aerial Imagery (C9) or Stressed Plants (D1) whic Position (D2)

US Army Corps of Engineers prepared by Cardno Midwest Region version 2.0

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

Project/Site:	Pleasant Prairie				City	//County:	Galloway/Frankl	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy					State:	ОН	Sampling Point:	dp020
Investigator(s):	B Hess					s	Section, Townshi	p, Range: N/A	***
Landform (hillslope,	terrace, etc.):	Toeslope					Loca	al relief (concave, convex, none):	concave
Slope (%):	0%	Lat:	39.9349		Long:			83.1965	Datum: NAD83 UTM16N
Soil Map Unit Name	: Lewisburg-Crosby comp	plex, 2 to 6 percent slopes (LeB)					NWI classifi	cation: None
Are climatic / hydrol	ogic conditions on the sit	e typical for this time of year	r?			Yes	X No_	(If no, explain in Remarks.)	
Are Vegetation	N ,	Soil N	, or Hydrology N	significant	ly disturbed?		Are "Norma	Il Circumstances" present?	YesX_ No
Are Vegetation	N ,	Soil N	, or Hydrology N	naturally p	roblematic?		(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Attac	h site map showing	sampling point location	ons, transects	, important	feature	es, etc.		
Hydrophytic Veg	getation Present?		Yes x	No		Is the	Sampled Are	ea	
Hydric Soil Pres	sent?		Yes x	No		within	a Wetland?	Yes x	No
Wetland Hydrol	ogy Present?		Yes x	No					
Remarks:	Use scientific na	mes of plants							
VEGETATION	OSC SCICITATIO NA	mes or plants.		Absol	ute Dom	inant	Indicator		
Tree Stratum (Plot	size: 30' radius)			% Co	ver Spec	cies?	Status	Dominance Test worksheet:	
1.									
2.								Number of Dominant Species	
3.								That Are OBL, FACW, or FAC:	1 (A)
4									
5.								Total Number of Dominant	
					= Total C	over		Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radius)							Percent of Dominant Species	
1								That Are OBL, FACW, or FAC:	(A/B)
2									
3.									
4								Prevalence Index worksheet:	
5.									
					Total C	over		Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by: A/B
Herb Stratum (Plot	size: 5' radius)							OBL species 100%	x1 = 1.00
Typha latifolia				100	% Y	ee	OBL	FACW species	x2 =
Celtis occidenta	die			2%			FAC	FAC species 2%	x3 = 0.06
3.	mo						TAG	FACU species	x4 =
4.								UPL species	x5 =
5.								Column Totals: 102%	(A) 1.06 (B)
6.									
7.								Prevalence Index = 6	B/A = 1.04
8.									
9.									
10.								Hydrophytic Vegetation Indicat	ors:
11.									
12.								X 1-Rapid Test for Hydrop	phytic Vegetation
13.								X 2-Dominance Test is >5	
14.								x 3-Prevalence Index is ≤	
15.								4-Morphological Adapta	tions ¹ (Provide supporting
16.								data in Remarks or on	a separate sheet)
17.								Problematic Hydrophyt	c Vegetation ¹ (Explain)
18.								—	
19.								¹ Indicators of hydric soil and wetl	and hydrology must
20.								be present, unless disturbed or p	problematic.
				102	% = Total C	over			
Woody Vine Stratun	n (Plot size: 30' radius)							Hydrophytic	
1								Vegetation	
2.								Present? Yes_	X No
			·		= Total C	over			
Remarks: (Include	photo numbers here or or	n a separate sheet.)							

	c ² Texture Remarks
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Color (moist) % Type¹ Loc M 15 C M Sandy Second or Coated Sand Grains. 2Lo Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6)	Clay Loam Docation: PL=Pore Lining, M=Matrix. Test Indicators of Hydric Soils: Iron-Manganese Masses (F12)
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. 2Lo ydric Soil Indicators³: Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Stripped Matrix (S6)	ocation: PL=Pore Lining, M=Matrix. Test Indicators of Hydric Soils: Iron-Manganese Masses (F12)
ydric Soil Indicators ³ : Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6)	Test Indicators of Hydric Soils: Iron-Manganese Masses (F12)
ydric Soil Indicators ³ : Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6)	Test Indicators of Hydric Soils: Iron-Manganese Masses (F12)
ydric Soil Indicators ³ : Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6)	Test Indicators of Hydric Soils: Iron-Manganese Masses (F12)
Histic Epipedon (A2) Black Histic (A3) Sandy Redox (S5) Stripped Matrix (S6)	
Black Histic (A3) Stripped Matrix (S6)	Very Shallow Dark Surface (F22)
<u> </u>	very enament bank candoo (i 22)
Hydrogen Sulfide (A4) Dark Sulface (S7)	Other (Explain in Remarks)
<u> </u>	
Stratified Layers (A5) Loamy Mucky Mineral (F1)	
2 cm Muck (A10) Loamy Gleyed Matrix (F2)	
Depleted Below Dark Surface (A11) X Depleted Matrix (F3)	3
Thick Dark Surface (A12) Redox Dark Surface (F6)	³ The hydric soil indicators have been updated to
Sandy Mucky Mineral (S1) Depleted Dark Surface (F7)	comply with the Field Indicators of Hydric Soils
5 cm Mucky Peat or Peat (S3) X Redox Depressions (F8)	in the United States , Version 8.0, 2016.
estrictive Layer (if observed): Type:	
	dric Soil Present? Yes X No
emarks:	

HYDROLOGY		
Wetland Hydrology Indicators:		704
Primary Indicators (minimum of one is required: check a	all that apply)	Secondary Indicators (minimum of two required)
Surface Water (A1)	Water-Stained Leaves (B9)	Surface Soil Cracks (B6)
High Water Table (A2)	Aquatic Fauna (B13)	Drainage Patterns (B10)
X Saturation (A3)	True Aquatic Plants (B14)	Dry-Season Water Table (C2)
Water Marks (B1)	Hydrogen Sulfide Odor (C1)	Crayfish Burrows (C8)
Sediment Deposits (B2)	Oxidized Rhizospheres on Living Roots (C3)	Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3)	Presence of Reduced Iron (C4)	Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4)	Recent Iron Reduction in Tilled Soils (C6)	X Geomorphic Position (D2)
Iron Deposits (B5)	Thin Muck Surface (C7)	X FAC-Neutral Test (D5)
Inundation Visible on Aerial Imagery (B7)	Gauge or Well Data (D9)	
Sparsely Vegetated Concave Surface (B8)	Other (Explain in Remarks)	
Field Observations:		
Surface Water Present? Yes No _X	Depth (inches): N/A	
Water Table Present? Yes No X	Depth (inches): N/A	
Saturation Present? Yes X No	Depth (inches): Surface Wetland Hydrold	ogy Present? Yes X No No
(includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring we	II, aerial photos, previous inspections), if available:	
Remarks:		

Project/Site:	Pleasant Prairie					City/County	: Galloway/Frank	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy					State	: ОН	Sampling Point:	dp021
Investigator(s):	B Hess						Section, Townsh	ip, Range: N/A	***
Landform (hillslope,	terrace, etc.):	Summit					Loc	al relief (concave, convex, none): r	one
Slope (%):	2%	Lat:	39.9347			Long:		-83.1967	Datum: NAD83 UTM16N
Soil Map Unit Name	: Lewisburg-Crosby co	mplex, 2 to 6 percent slope	s (LeB)					NWI classifi	cation: None
Are climatic / hydrol	ogic conditions on the	site typical for this time of y	ear?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology	N si	gnificantly dist	urbed?	Are "Norma	al Circumstances" present?	Yes _ X _ No
Are Vegetation	N	, Soil N	, or Hydrology	N n	aturally problen	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site map showing	g sampling point loc	ations, tra	nsects, imp	ortant featur	res, etc.		
Hydrophytic Ved	getation Present?		Yes x	No		Is the	Sampled Are	ea	
Hydric Soil Pres			Yes	No	Х		n a Wetland?		Nox
Wetland Hydrol	ogy Present?		Yes	No	Х				
Remarks:	Han a in title								
VEGETATION :	Use scientific n	iames or plants.			Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)				% Cover	Species?	Status	Dominance Test worksheet:	
1.									
2.								Number of Dominant Species	
3.								That Are OBL, FACW, or FAC:	1 (A)
4.									
5.								Total Number of Dominant	
						= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radio	ıs)						Percent of Dominant Species	
1								That Are OBL, FACW, or FAC:	(A/B)
2.									
3.									
4.								Prevalence Index worksheet:	
5.									
						- Total Cover		Total % Cover of:	Multiply by:
								That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)		_					OBL species	x1 =
Echinochloa cru	ıs-galli				60%	Yes	FACW	FACW species 70%	x2 = 1.40
Solidago altissir	ma				20%	No	FACU	FAC species	x3 =
3. Schedonorus ar	rundinaceus				15%	No	FACU	FACU species 42%	x4 = 1.68
4. Panicum dichote	omiflorum				10%	No	FACW	UPL species	x5 =
5. Erigeron annuus	s				5%	No	FACU	Column Totals: 112%	(A) 3.08 (B)
6. Acalypha rhomb	boidea				2%	No	FACU		
7								Prevalence Index = E	I/A = 2.75
8									
9									
10								Hydrophytic Vegetation Indicat	ors:
11									
12								X 1-Rapid Test for Hydrop	
13								X 2-Dominance Test is >5	
14								3-Prevalence Index is ≤	
15								<u> </u>	tions ¹ (Provide supporting
16								data in Remarks or on a	
17.								Problematic Hydrophyti	c vegetation* (Explain)
18									
19.								¹ Indicators of hydric soil and wetle	
20.								be present, unless disturbed or p	roblematic.
					112%	= Total Cover			
	n (Plot size: 30' radius							Hydrophytic	
1								Vegetation	
2						- T-t-LC		Present? Yes_	X No
						= Total Cover			
Domesto: #s.t.:	nhata assat t	an a consent of the th						L	
rkemarks: (Include)	photo numbers here or	on a separate sheet.)							

rofile Des	cription: (Describe to t	the depth nee	ded to document the	indicator or confi	rm the ab	sence of	indicators.)		
Depth	Matrix			edox Features			,		
inches)	Color (moist)	%	Color (moist)		Type ¹	Loc ²	Texture	Ren	marks
0-16"	10YR 3/1	100					Clay Loam		
Type: C=0	Concentration, D=Deplet	tion, RM=Redu	ced Matrix, CS=Cove	ed or Coated San	Grains	² Locatio	on: PL=Pore Lining	ı. M=Matrix.	
	Indicators ³ :	,					Indicators of Hyd		
-	ol (A1)		Sandy Gle	yed Matrix (S4)			Iron-Manga	nese Masses (F12	2)
Histic	Epipedon (A2)		Sandy Red	ox (S5)			Very Shallo	w Dark Surface (F	22)
	Histic (A3)		Stripped M	, ,			Other (Exp	ain in Remarks)	
_ ` `	gen Sulfide (A4)		Dark Surfa						
	ed Layers (A5)			cky Mineral (F1)					
	/luck (A10) ed Below Dark Surface	(Δ11)	Depleted N	yed Matrix (F2)					
	Dark Surface (A12)	(7(1)		k Surface (F6)			³ The hydric soil ir	ndicators have bee	n updated to
	Mucky Mineral (S1)			ark Surface (F7)			-	e Field Indicators	•
_ ′	Mucky Peat or Peat (S3)			ressions (F8)				States, Version 8.0	•
estrictive	Layer (if observed):								
	ayer (ii oboerrea).								
Type:									
Type: Depth	inches):					Hydric :	Soil Present?	Yes	NoX
Depth (inches):					Hydric :	Soil Present?	Yes	NoX
Depth (inches):					Hydric s	Soil Present?	Yes	NoX
Depth (inches):					Hydric S	Soil Present?	Yes	NoX
Depth (inches):					Hydric 9	Soil Present?	Yes	NoX
Depth (Hydric :	Soil Present?	Yes	NoX
Depth (Hydric :	Soil Present?	Yes	NoX
Depth (emarks:						Hydric s			
Depth (emarks: YDROL Vetland Hy Primary Indi	OGY drology Indicators: cators (minimum of one	is required: ch				Hydric \$	Secondary Indica	itors (minimum of t	
Primary India	OGY drology Indicators: cators (minimum of one e Water (A1)	is required: ch	Water-Stai	ned Leaves (B9)		Hydric s	Secondary Indica	itors (minimum of t	
Primary Indi Surfac High V	OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2)	is required: ch	Water-Stai Aquatic Fa	una (B13)		Hydric s	Secondary Indica Surface So Drainage P	itors (minimum of to il Cracks (B6) atterns (B10)	wo required)
Primary Indi Surface High V	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3)	is required: ch	Water-Stai Aquatic Fa True Aquat	una (B13) tic Plants (B14)		Hydric s	Secondary Indica Surface So Drainage P Dry-Seasor	ntors (minimum of to il Cracks (B6) atterns (B10) n Water Table (C2)	wo required)
Primary Indi Surface High V Satura Water	OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1)	is required: ch	Water-Stai Aquatic Fa True Aquat Hydrogen S	una (B13) tic Plants (B14) Sulfide Odor (C1)	ing Dooks		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	ators (minimum of to il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8)	wo required)
Primary Indi Surface High V Satura Water Sedim	OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2)	is required: ch	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on Liv	-		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation	ntors (minimum of to il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Im	wo required)
Primary Indi Surfac High V Satura Water Sedim Drift D	OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3)	is required: ch	Water-Stai Aquatic Fa True Aquati Hydrogen S Oxidized R Presence of	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on Liv of Reduced Iron (C	1)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or	ators (minimum of to il Cracks (B6) atterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Im Stressed Plants (D	wo required)
Primary Indi Surfac High V Satura Water Sedim Drift D Algal N	OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4)	is required: ch	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on Liv of Reduced Iron (C- n Reduction in Tille	1)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of the ill Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Im Stressed Plants (D c Position (D2)	wo required)
Primary Indi Surface High V Satura Water Sedim Drift D Algal N Iron Do	OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5)		Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iron Thin Muck	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on Liv of Reduced Iron (Control on Reduction in Tille Surface (C7)	1)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or	ntors (minimum of the ill Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Im Stressed Plants (D c Position (D2)	wo required)
Primary Indi Surface High V Satura Water Sedim Drift D Algal N Iron De	OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4)	nagery (B7)	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Gauge or V	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on Liv of Reduced Iron (C- n Reduction in Tille	1)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of the ill Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Im Stressed Plants (D c Position (D2)	wo required)
Depth (emarks: IYDROL Vetland Hy Primary Indi Surfac High V Satura Water Sedim Drift D Algal N Iron Do Inunda Sparse	OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) tion Visible on Aerial Im ely Vegetated Concave S	nagery (B7)	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Gauge or V	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on Liv of Reduced Iron (C- n Reduction in Tille Surface (C7) Vell Data (D9)	1)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of the ill Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Im Stressed Plants (D c Position (D2)	wo required)
Depth (emarks: IYDROL Vetland Hy Primary Indi Surfac High V Satura Water Sedim Drift D Algal N Iron Do Inunda Sparse ield Obser	OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) tion Visible on Aerial Im ely Vegetated Concave S vations:	nagery (B7) Surface (B8)	Water-Stai Aquatic Fa True Aquati Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Gauge or V Other (Exp	una (B13) icic Plants (B14) Sulfide Odor (C1) hizospheres on Liv of Reduced Iron (C- n Reduction in Tille Surface (C7) Vell Data (D9) lain in Remarks)	1)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of the ill Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Im Stressed Plants (D c Position (D2)	wo required)
Depth (emarks: IYDROL Vetland Hy Primary Indi Surfac High V Satura Water Sedim Drift D Algal N Iron Do Inunda Sparse Sield Obser	oGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Vat or Crust (B4) eposits (B5) tion Visible on Aerial Im ely Vegetated Concave S vations: ter Present?	nagery (B7)	Water-Stai Aquatic Fa True Aquati Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Gauge or V Other (Exp	una (B13) icic Plants (B14) Sulfide Odor (C1) hizospheres on Liver Reduced Iron (C- n Reduction in Tille Surface (C7) Vell Data (D9) lain in Remarks)	1)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of the ill Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Im Stressed Plants (D c Position (D2)	wo required)
Depth (emarks: IYDROL Vetland Hy Primary Indi Surfac High V Satura Water Sedim Drift D Iron Do Inunda Sparse Gurface Wa	oGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Vat or Crust (B4) eposits (B5) tion Visible on Aerial Imely Vegetated Concave Servations: ter Present?	agery (B7) Surface (B8) Yes No Yes No	Water-Stai Aquatic Fa True Aquati Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Gauge or V Other (Exp	una (B13) itic Plants (B14) Sulfide Odor (C1) hizospheres on Liv of Reduced Iron (C- n Reduction in Tille Surface (C7) Vell Data (D9) lain in Remarks) ss): N/A N/A	t) d Soils (C	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of the ill Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Im Stressed Plants (D c Position (D2)	wo required)

Project/Site:	Pleasant Prairie					City/County	: Galloway/Frank	din	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy					State	: OH	Sampling Point:	dp022
Investigator(s):	B Hess						Section, Townsh	ip, Range: N/A	***
Landform (hillslope,	terrace, etc.):	Summit					Loc	cal relief (concave, convex, none):	none
Slope (%):	2%	Lat:	39.9451			Long:		-83.1993	Datum: NAD83 UTM16N
Soil Map Unit Name	: Crosby silt loam, Sou	thern Ohio Till Plain, 2	to 6 percent slopes (CrB)					NWI classifi	cation: None
Are climatic / hydrol	ogic conditions on the	site typical for this time	of year?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology	N s	gnificantly dist	urbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil N	, or Hydrology	N n	aturally problen	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site map shov	ing sampling point lo	cations, tra	nsects, imp	ortant featu	res, etc.		
Hydrophytic Veg	getation Present?		Yes	No	х	Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?		Yes x	No		withir	n a Wetland?	Yes	Nox
Wetland Hydrol	ogy Present?		Yes	No	X				
Remarks: VEGETATION -	Use scientific n	ames of plants.							
					Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)				% Cover	Species?	Status	Dominance Test worksheet:	
1									
2.								Number of Dominant Species	
3.								That Are OBL, FACW, or FAC:	(A)
4									
5.								Total Number of Dominant	
						= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radio	ıs)						Percent of Dominant Species	
1								That Are OBL, FACW, or FAC:	(A/B)
2.									
3.									
4								Prevalence Index worksheet:	
5.									
						= Total Cover		Total % Cover of:	Multiply by:
								That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot								OBL species 15%	x1 = 0.15
Abutilon theoph					90%	Yes	FACU	FACW species	x2 =
2. Amaranthus tub	perculatus				15%	No No	FACU	FAC species 100%	x3 =
3. Sida spinosa					10%	140	FACO		x4 = 4.00
4.								UPL species Column Totals: 115%	x5 = (A) 4.15 (B)
5.								Column rotals.	(A) 4.15 (B)
·								Prevalence Index = E	264
*								Prevalence index = E	3.61
9.									
10.								Hydrophytic Vegetation Indicat	tore
11.								Hydrophytic vegetation indicat	ors.
12.								1-Rapid Test for Hydrop	shutic Vegetation
13.								2-Dominance Test is >5	
14.								3-Prevalence Index is ≤	
15.								_	tions ¹ (Provide supporting
16.								data in Remarks or on	
17.								1	ic Vegetation ¹ (Explain)
18.								—	, , , , , , , , , , , , , , , , , , , ,
19.								¹ Indicators of hydric soil and wetl	and hydrology must
20.								be present, unless disturbed or p	
					115%	= Total Cover		- > p	
Woody Vine Stratun	n (Plot size: 30' radius	;)						Hydrophytic	
								Vegetation	
2.								I -	No X
I						= Total Cover			
				,					
Remarks: (Include	photo numbers here or	on a separate sheet.)						•	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									

Tollie Descri	ption: (Describe to the	e depth nee	ded to document the i	indicator or co	nfirm the a	bsence of	f indicators.)	
Depth _	Matrix		Re	dox Features				
nches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-9"	10YR 3/1	100					Clay Loam	
9-16"	10YR 5/2	95	10YR 5/6	5	С	М	Clay Loam	
ype: C=Co	ncentration, D=Depletio	on, RM=Redu	ced Matrix, CS=Cover	ed or Coated S	and Grains.	² Locati	on: PL=Pore Lining	, M=Matrix.
dric Soil Inc	dicators³:					Test	Indicators of Hyd	ric Soils:
Histosol ((A1)		Sandy Gley	red Matrix (S4)			Iron-Manga	nese Masses (F12)
	ipedon (A2)		Sandy Redo					w Dark Surface (F22)
Black His	,		Stripped Ma	, ,			Other (Expl	ain in Remarks)
	n Sulfide (A4)		Dark Surfac					
_	Layers (A5)			ky Mineral (F1))			
2 cm Mud X Depleted	ck (A10) I Below Dark Surface (A	111)	X Depleted M	/ed Matrix (F2)				
	rk Surface (A12)	(11)		Surface (F6)			³ The hydric soil in	dicators have been updated to
	ucky Mineral (S1)			ark Surface (F	7)		-	e Field Indicators of Hydric Soil
_	cky Peat or Peat (S3)			ressions (F8)	,			States , Version 8.0, 2016.
_	yer (if observed):							
estrictive La	yer (ii observed).							
Type:								
Type: Depth (inc	ches):					Hydric	Soil Present?	Yes X No
Depth (inc	ches):					Hydric	Soil Present?	Yes X No
Depth (inc	ches):					Hydric	Soil Present?	Yes X No
Depth (inc	ches):					Hydric	Soil Present?	Yes <u>X</u> No
Depth (inc	ches):					Hydric	Soil Present?	Yes <u>X</u> No
Depth (inc	ches):					Hydric	Soil Present?	Yes <u>X</u> No
Depth (incomarks:						Hydric	Soil Present?	Yes X No
Depth (incomarks:						Hydric	Soil Present?	Yes <u>X</u> No
Depth (incomarks: YDROLO etland Hydrorimary Indica	OGY ology Indicators: utors (minimum of one is	s required: ch				Hydric	Secondary Indica	tors (minimum of two required)
Depth (incomerks: YDROLO Vetland Hydro rimary Indica	OGY ology Indicators:	s required: ch		ned Leaves (BS)	Hydric	Secondary Indica	
Depth (incomarks: YDROLO etland Hydrorimary Indica Surface \	OGY ology Indicators: utors (minimum of one is	s required: ch)	Hydric	Secondary Indica Surface So Drainage P	tors (minimum of two required) il Cracks (B6) atterns (B10)
POROLO Vetland Hydro Primary Indica Surface V High Wat Saturatio	ology Indicators: ators (minimum of one is Water (A1) ter Table (A2) on (A3)	s required: ch	Water-Stain Aquatic Fau True Aquati	una (B13) ic Plants (B14)		Hydric	Secondary Indica Surface So Drainage P	tors (minimum of two required) il Cracks (B6)
YDROLO etland Hydro mary Indica Surface V High Wat Saturatio Water Ma	ology Indicators: ators (minimum of one is Water (A1) ter Table (A2) on (A3) arks (B1)	s required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S	una (B13) ic Plants (B14) Sulfide Odor (C	1)		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	tors (minimum of two required) il Cracks (B6) atterns (B10) i Water Table (C2) irrows (C8)
YDROLO etland Hydro rimary Indica Surface V High Wat Saturatio Water Ma Sedimen	ology Indicators: ators (minimum of one is Water (A1) ter Table (A2) on (A3) arks (B1) tt Deposits (B2)	s required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	una (B13) ic Plants (B14) Sulfide Odor (C nizospheres on	1) Living Root		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	tors (minimum of two required) il Cracks (B6) atterns (B10) il Water Table (C2) irrows (C8) Visible on Aerial Imagery (C9)
POROLO Vetland Hydro rimary Indica Surface V High Wat Saturatio Water Ma Sediment Drift Depri	ology Indicators: ators (minimum of one is Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2) ossits (B3)	s required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	una (B13) ic Plants (B14) Sulfide Odor (C nizospheres on f Reduced Iron	1) Living Root (C4)	rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation	tors (minimum of two required) il Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1)
POPPOLO Petland Hydro rimary Indica Surface V High Wat Saturatio Water Ma Sediment Drift Depo	ology Indicators: Interest (Manage of the Indicators (Manage of the I	s required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of	una (B13) ic Plants (B14) Sulfide Odor (C nizospheres on f Reduced Iron Reduction in ⁷	1) Living Root (C4)	rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation S Stunted or S Geomorphi	tors (minimum of two required) il Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)
POPPOLO Permarks: YDROLO Petland Hydro Frimary Indica Surface N High Wat Saturatio Water Ma Sediment Drift Depo	ology Indicators: Interest (Minimum of one is Water (A1) Iter Table (A2) In (A3) In (A3) In (B1) It Deposits (B2) It Deposits (B3) It or Crust (B4) It osits (B5)		Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S	una (B13) ic Plants (B14) Sulfide Odor (C nizospheres on f Reduced Iron Reduction in Surface (C7)	1) Living Root (C4)	rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation	tors (minimum of two required) il Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)
Primary Indica Surface V High Water Ma Sediment Drift Depo Algal Mat Iron Depo Inundatio	ology Indicators: Interest (Manage of the Indicators (Manage of the I	gery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	una (B13) ic Plants (B14) Sulfide Odor (C nizospheres on f Reduced Iron Reduction in ⁷	1) Living Root (C4) Filled Soils (rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation S Stunted or S Geomorphi	tors (minimum of two required) il Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)

Wetland Hydrology Present?

Depth (inches): N/A

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

Saturation Present?

Remarks:

(includes capillary fringe)

Project/Site:	Pleasant Prairie							City/Coun	ty: Galloway/Fr	anklin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy							Stat	e: OH	Sampling Point:	dp023
Investigator(s):	B Hess								Section, Tow	nship, Range: N/A	
Landform (hillslope,	terrace, etc.):	s	ummit						_	Local relief (concave, convex, none):	none
Slope (%):	0%	Lat:		39.947	1			Long:		-83.1995	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 perc	ent slopes (Ko)							NWI classif	fication: None
Are climatic / hydrole	ogic conditions on the	site typical for	this time of year	?				Yes	<u> </u>	lo (If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	sign	ificantly dist	urbed?	Are "No	rmal Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydrology	N	natu	rally probler	natic?	(If need	ed, explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site ma	p showing s	ampling point	locations	s, trans	sects, imp	ortant featu	ıres, etc.		
Hydrophytic Veg	getation Present?			Yes		No	X	ls th	e Sampled	Area	
Hydric Soil Pres	sent?			Yes x		No _		with	in a Wetlan	d? Yes	Nox
Wetland Hydrol	ogy Present?			Yes	_	No_	X				
Remarks: VEGETATION -	Use scientific n	ames of p	lants.								
							Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)					_	% Cover	Species?	Status	Dominance Test worksheet:	
1.										_	
2.										Number of Dominant Species	
3.										That Are OBL, FACW, or FAC:	(A)
4										_ l	
5										Total Number of Dominant	
								= Total Cover		Species Across All Strata:	(B)
										_ l	
Sapling/Shrub Strate	um (Plot size: 15' radio	ıs) <u> </u>								Percent of Dominant Species	
1										That Are OBL. FACW, or FAC:	(A/B)
2										_	
3										_ l	
4										Prevalence Index worksheet:	
5.										– l	
								- Total Cover		Total % Cover of:	Multiply by:
Hart Otratan (Dist	alas (Standina)									That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)							.,		OBL species	x1 =
1. Glycine max							90%	Yes	UPL	FACW species	x2 =
2										FAC species	x3 =
3.										FACU species	x4 =
4										UPL species 90%	x5 = 4.50
5										Column Totals: 90%	(A) 4.50 (B)
6										- I	5.00
·										Prevalence Index = 8	B/A = 5.00
°.						— –				-	
9										—	•
11.										Hydrophytic Vegetation Indicate	iors.
12.										- 1 Banid Teet for Under	phytic Vegetation
										1-Rapid Test for Hydron	
13.										2-Dominance Test is >5 3-Prevalence Index is ≤	
14										- I <i>-</i>	ations ¹ (Provide supporting
16.										data in Remarks or on	
17.										- I	ic Vegetation ¹ (Explain)
18.										- — · · · · · · · · · · · · · · · · · ·	to regulation (Explain)
19.										Indicators of hydric soil and wet	land hydrology must
20.										- I	
							90%	= Total Cover		be present, unless disturbed or p	nobolitatio.
							2070	- rotal Cover		-	
Woody Vine Stretum	n (Plot size: 30' radius									-	
		_								Hydrophytic	
1										Vegetation Present? Yes	No. Y
								= Total Cover		- Tesenti Tes	No_X
						_		- I Star GOVER			
Remarks: (Include	photo numbers here or	on a senarate	sheet)								
Tomario. (moide)	pristo manibers nere or	o.i u sepaiale	Januar,								

SOIL							Sar	mpling Point:	dp023	
Profile Desc	ription: (Describe to the	e depth i	needed to document the inc	dicator or c	onfirm the a	absence of	indicators.)			
Depth	Matrix		Redo	ox Features						
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	

(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-9"	10YR 3/1	100	_				Clay Loam	
9-16"	10YR 5/2	95	10YR 5/6	5		М	Clay Loam	
							· —— -	
		- — —						
	Concentration, D=Depleti	on, RM=Reduce	d Matrix, CS=Covered	or Coated S	and Grains.		on: PL=Pore Lining	
Hydric Soil						Test	t Indicators of Hydi	
Histoso	. ,		Sandy Gleyed					nese Masses (F12)
	Epipedon (A2)		Sandy Redox	, ,				w Dark Surface (F22)
	Histic (A3) gen Sulfide (A4)		Stripped Matr Dark Surface				Other (Expi	ain in Remarks)
	ed Layers (A5)		Loamy Mucky	. ,	\			
	fuck (A10)		Loamy Gleye		•			
	ed Below Dark Surface (A11)	X Depleted Mat					
	Dark Surface (A12)	,	Redox Dark S				³ The hydric soil in	dicators have been updated to
— Sandy	Mucky Mineral (S1)		Depleted Dar	k Surface (F7	7)		comply with th	e Field Indicators of Hydric Soils
5 cm N	flucky Peat or Peat (S3)		Redox Depre	ssions (F8)			in the United S	States , Version 8.0, 2016.
Restrictive	Layer (if observed):							
Type:								
	inches):					Hydric	Soil Present?	Yes X No
Remarks:								
HYDROL	OGY							
-	drology Indicators:						T	
	cators (minimum of one	is required: chec		22				tors (minimum of two required)
	e Water (A1)		Water-Staine	-	3)			il Cracks (B6)
	/ater Table (A2)		Aquatic Faun					atterns (B10)
	tion (A3)		True Aquatic					Water Table (C2)
	Marks (B1)		— Hydrogen Sul Oxidized Rhiz	*	•	- (02)	Crayfish Bu	, ,
	ent Deposits (B2) eposits (B3)		Presence of F		•	s (C3)		Visible on Aerial Imagery (C9) Stressed Plants (D1)
	Mat or Crust (B4)		Recent Iron F		` '	26)		c Position (D2)
	eposits (B5)		Thin Muck Su		i illed Solis (t	56)	FAC-Neutra	, ,
	tion Visible on Aerial Ima	agery (R7)	Gauge or We					
	ely Vegetated Concave S		Other (Explai		:)			
<u> </u>	- Ty vegetated contains o			- Tim remaine	<u>'</u>			
Field Obser		Waa Na W	Deville (See Lees)					
Surface War Water Table		Yes No _X Yes No X	_					
Saturation F			_		Wotland	Hudrolo	gy Present?	Vec No V
	pillary fringe)	Yes No _X	Depth (inches)	. <u>IN/A</u>	vvetiano	пушою	gy Fresent?	Yes NoX
	ecorded Data (stream ga	uae. monitorina	well, aerial photos, pre	evious inspec	tions), if ava	ilable:		
			, с рс.с, р		,,			
Remarks:								

Project/Site:	Pleasant Prairie							City/Count	y: Galloway/Fran	klin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy							State	e: OH	Sampling Point:	dp024
Investigator(s):	B Hess								Section, Towns	hip, Range: N/A	**
Landform (hillslope,	terrace, etc.):	Toeslo	оре						Lo	cal relief (concave, convex, none):	concave
Slope (%):	0%	Lat:		39	9.9482			Long:		-83.2022	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loan	n, 0 to 2 percent s	slopes (Ko)							NWI classif	fication: None
Are climatic / hydrol	ogic conditions on the s	te typical for this	time of year?					Yes	X No	(If no, explain in Remarks.)	•
Are Vegetation	N	, Soil	N	, or Hydrolog	y <u>N</u>	sig	nificantly dist	urbed?	Are "Norm	nal Circumstances" present?	Yes _ X _ No
Are Vegetation	N	, Soil	N	, or Hydrolog	y N	na	turally probler	natic?	(If needed	l, explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Attac	h site map s	howing sa	ampling po	int location	ns, tran	sects, im	ortant featu	res, etc.		
	getation Present?			Yes x		No	,		Sampled A	rea	
Hydric Soil Pres				Yes x		No -			n a Wetland?		(No
Wetland Hydrol			,	Yes x		No		•			
Remarks:											
VEGETATION -	Use scientific na	ames of plant	ts.								
							Absolute	Dominant	Indicator	L	
Tree Stratum (Plot	size: 30' radius)					-	% Cover	Species?	Status	Dominance Test worksheet:	
1										·	
2.										Number of Dominant Species	
3.										That Are OBL, FACW, or FAC:	1 (A)
4											
5.										Total Number of Dominant	_
								= Total Cover		Species Across All Strata:	1 (B)
0 11 101 1 01 1	(5) 1 1 1 1 1 1 1 1 1									1	
	um (Plot size: 15' radius			_						Percent of Dominant Species	
1										That Are OBL, FACW, or FAC:	(A/B)
2									. ——	· 	
3										·L	
4										Prevalence Index worksheet:	
5.										T-1-10/ 0	Marking to home
								- Total Cover		Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by: A/B
Herb Stratum (Plot	size: 5' radius)									OBL species 80%	x1 = 0.80
Persicaria hydro							75%	Yes	OBL	FACW species	x2 =
Symphyotrichur							20%	No	FAC	FAC species 35%	x3 = 1.05
3. Sida spinosa	ii iunecolatam						10%	No	FACU	FACU species 10%	x4 = 0.40
4. Apocynum cann	nahinum						10%	No	FAC	UPL species	x5 =
5. Amaranthus tub							5%	No	OBL	Column Totals: 125%	(A) 2.25 (B)
6. Setaria pumila	revenue						5%	No	FAC	12070	(0)
7							370		TAC	Prevalence Index = I	B/A = 1.80
8										Trevalence macx = 1	1.00
9.											
10.										Hydrophytic Vegetation Indica	tors:
11.											
12.										X 1-Rapid Test for Hydro	phytic Vegetation
13.										X 2-Dominance Test is >	
14.										x 3-Prevalence Index is ≤	
15.										· I —	ations ¹ (Provide supporting
16.										data in Remarks or on	
17.										· I	tic Vegetation ¹ (Explain)
18.										—	
19.										¹ Indicators of hydric soil and wet	land hydrology must
20.										be present, unless disturbed or	
							125%	= Total Cover			
Woody Vine Stratun	n (Plot size: 30' radius)									Hydrophytic	
1.				_						Vegetation	
2.										' -	X No
								= Total Cover		1	
								•			
Remarks: (Include)	photo numbers here or	on a separate she	eet.)								

	ption: (Describe to th	e depth need	ded to document the in	dicator or co	nfirm the a	bsence of	indicators.)	
Depth	Matrix			ox Features	T	12		Domesto
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-11"	10YR 3/1	100					Clay Loam	
11-18"	10YR 4/2	95	10YR 4/4	5		M	Clay Loam	
1 _{Tyme:} C=Cov	tration D=Doplotic	- DM-Rodu	ced Matrix, CS=Covered	- Control S	d Oroine	21 ocativ	on: PL=Pore Lining, M=	.8.44
Hydric Soil Ind		n, Kivi-Keuu	ced Matrix, Co-Covered	or Coaled S	and Grains.		on: PL=Pore Lining, M= t Indicators of Hydric S	
Histosol (Sandy Gleyed	d Matrix (S4)		lest	Iron-Manganese	
	ipedon (A2)		Sandy Redox	, ,				ark Surface (F22)
Black His	. , ,		Stripped Matr				Other (Explain i	, ,
	n Sulfide (A4)		Dark Surface	, ,				ii Nomano,
	Layers (A5)		Loamy Mucky	. ,)			
2 cm Muc	•		Loamy Gleye					
X Depleted	Below Dark Surface (A	(11)	Depleted Mat	rix (F3)				
Thick Dar	rk Surface (A12)		Redox Dark S	Surface (F6)			³ The hydric soil indica	tors have been updated to
Sandy Mu	ucky Mineral (S1)		Depleted Dar	k Surface (F7	')		comply with the Fie	eld Indicators of Hydric Soils
5 cm Muc	cky Peat or Peat (S3)		Redox Depre	ssions (F8)			in the United State	es, Version 8.0, 2016.
Restrictive La	yer (if observed):							
Type:								
Depth (inc	ches):					Hydric	Soil Present?	Yes X No
VDPOLO	GV							
Wetland Hydro	ology Indicators:	; required: ch	eck all that apply)				Secondary Indicators	(minimum of two required)
Vetland Hydro Primary Indicat		required: ch		d Leaves (B9)		Secondary Indicators Surface Soil Cra	(minimum of two required)
Vetland Hydro Primary Indicat Surface V	ology Indicators: tors (minimum of one is	required: ch	eck all that apply) —— Water-Staine Aquatic Faun)			acks (B6)
Vetland Hydro Primary Indicat Surface V	ology Indicators: tors (minimum of one is Nater (A1) ter Table (A2)	required: ch	Water-Staine	a (B13)			Surface Soil Cra	acks (B6) rns (B10)
Wetland Hydro Primary Indicat Surface V High Wat	ology Indicators: tors (minimum of one is Water (A1) ter Table (A2) n (A3)	required: ch	Water-Staine Aquatic Faun	a (B13) Plants (B14)			Surface Soil Cra Drainage Patter	acks (B6) rns (B10) rter Table (C2)
Vetland Hydro Primary Indicat Surface V High Wat Saturation Water Ma	ology Indicators: tors (minimum of one is Water (A1) ter Table (A2) n (A3)	required: ch	Water-Staine Aquatic Faun True Aquatic	a (B13) Plants (B14) Ifide Odor (C	1)	s (C3)	Surface Soil Cra Drainage Patter Dry-Season Wa Crayfish Burrow	acks (B6) rns (B10) rter Table (C2)
Vetland Hydro Primary Indicat Surface V High Wat Saturation Water Ma	ology Indicators: tors (minimum of one is Water (A1) ter Table (A2) n (A3) arks (B1)	s required; ch	Water-Staine Aquatic Faun True Aquatic Hydrogen Sul	a (B13) Plants (B14) Ifide Odor (C ² zospheres on	1) Living Root	s (C3)	Surface Soil Cra Drainage Patter Dry-Season Wa Crayfish Burrow Saturation Visib	acks (B6) rns (B10) ster Table (C2) rs (C8)
Primary Indicat Surface V High Wat Saturation Water Ma Sediment Drift Depo	tors (minimum of one is Water (A1) ter Table (A2) n (A3) arks (B1) t Deposits (B2)	s required: ch	Water-Staine Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz	a (B13) Plants (B14) Ifide Odor (C ² zospheres on Reduced Iron	1) Living Root (C4)	, ,	Surface Soil Cra Drainage Patter Dry-Season Wa Crayfish Burrow Saturation Visib	acks (B6) rns (B10) tter Table (C2) s (C8) ele on Aerial Imagery (C9) esed Plants (D1)
Primary Indicat Surface V High Wat Saturation Water Ma Sediment Drift Depo	tors (minimum of one is Vater (A1) ter Table (A2) n (A3) arks (B1) t Deposits (B2) osits (B3) t or Crust (B4)	s required: ch	Water-Staine Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz	a (B13) Plants (B14) Ifide Odor (C ² zospheres on Reduced Iron Reduction in T	1) Living Root (C4)	, ,	Surface Soil Cra Drainage Patter Dry-Season Wa Crayfish Burrow Saturation Visib Stunted or Stree	acks (B6) rns (B10) tter Table (C2) s (C8) ele on Aerial Imagery (C9) esed Plants (D1) sition (D2)
Primary Indicat Surface V High Wat Saturation Water Ma Sediment Drift Depo Algal Mat Iron Depo Inundation	tors (minimum of one is Nater (A1) ter Table (A2) n (A3) arks (B1) t Deposits (B2) osits (B3) t or Crust (B4) osits (B5) in Visible on Aerial Imag	gery (B7)	Water-Staine Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su Gauge or We	a (B13) Plants (B14) Ifide Odor (Cospheres on Reduced Iron Reduction in Turface (C7) Ill Data (D9)	1) Living Root (C4) Filled Soils (G	, ,	Surface Soil Cra Drainage Patter Dry-Season Wa Crayfish Burrow Saturation Visib Stunted or Stree X Geomorphic Po	acks (B6) rns (B10) tter Table (C2) s (C8) ele on Aerial Imagery (C9) eseed Plants (D1) sition (D2)
Primary Indicat Surface V High Wat Saturation Water Ma Sediment Drift Depo Algal Mat Iron Depo Inundation	tors (minimum of one is Vater (A1) ter Table (A2) n (A3) arks (B1) t Deposits (B2) osits (B3) t or Crust (B4) osits (B5)	gery (B7)	Water-Staine Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su	a (B13) Plants (B14) Ifide Odor (Cospheres on Reduced Iron Reduction in Turface (C7) Ill Data (D9)	1) Living Root (C4) Filled Soils (G	, ,	Surface Soil Cra Drainage Patter Dry-Season Wa Crayfish Burrow Saturation Visib Stunted or Stree X Geomorphic Po	acks (B6) rns (B10) tter Table (C2) s (C8) ele on Aerial Imagery (C9) eseed Plants (D1) sition (D2)
Primary Indicat Surface V High Wat Saturation Water Ma Sediment Drift Depo	tors (minimum of one is Nater (A1) ter Table (A2) n (A3) arks (B1) t Deposits (B2) osits (B3) t or Crust (B4) osits (B5) on Visible on Aerial Imag	gery (B7)	Water-Staine Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su Gauge or We	a (B13) Plants (B14) Ifide Odor (Cospheres on Reduced Iron Reduction in Turface (C7) Ill Data (D9)	1) Living Root (C4) Filled Soils (G	, ,	Surface Soil Cra Drainage Patter Dry-Season Wa Crayfish Burrow Saturation Visib Stunted or Stree X Geomorphic Po	acks (B6) rns (B10) tter Table (C2) s (C8) ele on Aerial Imagery (C9) esed Plants (D1) sition (D2)
Primary Indicat Surface V High Wat Saturation Water Ma Sediment Drift Depo Algal Mat Iron Depo Inundation	tors (minimum of one is Nater (A1) ter Table (A2) n (A3) arks (B1) t Deposits (B2) osits (B3) t or Crust (B4) osits (B5) on Visible on Aerial Imagives Vegetated Concave Su	gery (B7)	Water-Staine Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su Gauge or We	a (B13) Plants (B14) Ifide Odor (C' zospheres on Reduced Iron Reduction in T urface (C7) Il Data (D9) n in Remarks	1) Living Root (C4) Filled Soils (G	, ,	Surface Soil Cra Drainage Patter Dry-Season Wa Crayfish Burrow Saturation Visib Stunted or Stree X Geomorphic Po	acks (B6) rns (B10) tter Table (C2) s (C8) ele on Aerial Imagery (C9) esed Plants (D1) sition (D2)

Surface Water Present? Yes No X Depth (inches): N/A
Water Table Present? Yes No X Depth (inches): N/A
Saturation Present? Yes No X Depth (inches): N/A
Wetland Hydrology Present? Yes X No
(includes capillary fringe)

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

Remarks:

Project/Site:	Pleasant Prairie				City/County	: Galloway/Frank	din	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy				State	: ОН	Sampling Point:	dp025
Investigator(s):	B Hess					Section, Townsh	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Toeslope				Loc	cal relief (concave, convex, none):	concave
Slope (%):	0%	Lat:	39.9487		Long:		-83.2031	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loam,	0 to 2 percent slopes (Ko)					NWI classifi	cation: None
Are climatic / hydrol	ogic conditions on the sit	e typical for this time of yea	r?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N ,	Soil N	, or Hydrology N	significantly dis	sturbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N ,	Soil N	, or Hydrology N	naturally proble	ematic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Attac	h site map showing	sampling point locati	ons, transects, im	portant featur	res, etc.		
Hydrophytic Veg	getation Present?		Yes x	No	Is the	Sampled Ar	ea	
Hydric Soil Pres			Yes	No x	withir	n a Wetland?	Yes	Nox
Wetland Hydrol	ogy Present?		Yes x	No	_			
Remarks: VEGETATION -	Use scientific na	mes of plants.						
		•		Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet:	
1.								
2.							Number of Dominant Species	
3.							That Are OBL, FACW, or FAC:	1 (A)
4								
5							Total Number of Dominant	
					= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radius)						Percent of Dominant Species	
1							That Are OBL, FACW, or FAC:	(A/B)
2								
3								
4							Prevalence Index worksheet:	
5.								
					- Total Cover		Total % Cover of:	Multiply by:
Hark Stratum (Diat	nizo: El radius)						That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot					W	0.01	OBL species 50%	x1 =0.50
Persicaria hydro	opiper			50%	Yes	OBL	FACW species	x2 =
2. Poa pratensis				10%	No No	FAC	FAC species 15% FACU species	x3 =0.45
Plantago rugelii Rumex crispus				2%	No No	FAC	UPL species	x4 = x5 =
4. Numex chapus				270			Column Totals: 65%	(A) 0.95 (B)
6							Column Totals.	(8)
7							Prevalence Index = E	B/A = 1.46
,							Frevalence index = E	1.40
9.								
10.							Hydrophytic Vegetation Indicat	ore:
11.							Trydrophlytic Vegetation indicat	013.
12.							X 1-Rapid Test for Hydrop	hytic Vegetation
13.							X 2-Dominance Test is >5	
14.							3-Prevalence Index is ≤	
15.							_	tions ¹ (Provide supporting
16.							data in Remarks or on	
17.							Problematic Hydrophyti	
18.							—	
19.							¹ Indicators of hydric soil and wetl	and hydrology must
20.							be present, unless disturbed or p	
				65%	= Total Cover			
				44.0				
Woody Vine Stratun	n (Plot size: 30' radius)						Hydrophytic	
	<u> (1 101 3120. 30 144143)</u>						Vegetation	
2.								X No
I					= Total Cover		-	
					_			
Remarks: (Include	photo numbers here or or	n a separate sheet.)					•	
(,							

Profile Dece	cription: (Describe to t	the depth nee	dad to document the	indicator or or	nfirm the a	heanea o	********	pling Point:	
	Matrix	ine depth nee		edox Features	ontirm the a	bsence o	rindicators.)		
Depth (inches)	Color (moist)	<u></u> %	Color (moist)	%	Type ¹	Loc ²	Texture	Rer	marks
0-18"	10YR 3/1	- 70 -	Color (molet)	_ ~	. , , , ,		Clay Loam	1101	Harto
0-10	10YR 3/2	_ 					Oldy Loain		
	1011(3/2								
							· 		
							· ——		
							· 		
		 -				2			
	Concentration, D=Deplet	tion, RM=Redu	uced Matrix, CS=Cover	ed or Coated S	and Grains.		on: PL=Pore Lining		
-	Indicators ³ :		Sandy Clay	ed Matrix (S4)		les	t Indicators of Hyd		2)
Histoso	Epipedon (A2)		Sandy Gley					inese Masses (F12 ow Dark Surface (F	
	Histic (A3)		Stripped M	. ,				lain in Remarks)	22)
	jen Sulfide (A4)		Dark Surfa	, ,				an in remarks)	
	ed Layers (A5)			ky Mineral (F1)				
2 cm N	luck (A10)		Loamy Gle	yed Matrix (F2)					
Deplet	ed Below Dark Surface	(A11)	Depleted M	latrix (F3)					
Thick [Dark Surface (A12)		Redox Dar	k Surface (F6)			³ The hydric soil ir	ndicators have bee	en updated to
_ ′	Mucky Mineral (S1)			ark Surface (F	7)			e Field Indicators	•
5 cm N	lucky Peat or Peat (S3)		Redox Dep	ressions (F8)			in the United S	States, Version 8.0	0, 2016.
estrictive	Layer (if observed):								
Restrictive	Layer (if observed):								
Type: _ Depth (Layer (if observed):					Hydric	Soil Present?	Yes	NoX
Type: _ Depth (Hydric	Soil Present?		NoX
Type: _ Depth (emarks:	inches):					Hydric	Soil Present?		NoX
Type: _ Depth (emarks:	inches):					Hydric	Soil Present?		NoX
Type:	OGY drology Indicators: cators (minimum of one	is required: cl				Hydric	Secondary Indica	Yes	
Type:	OGY	is required: cl		ned Leaves (BS	9)	Hydric	Secondary Indica	Yes	
Type: _ Depth (emarks: YDROL Vetland Hyde Surface High W	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2)	is required: cl	Water-Stair Aquatic Fa	ned Leaves (BS una (B13)		Hydric	Secondary Indica Surface So Drainage P	Yes ators (minimum of t il Cracks (B6) atterns (B10)	wo required)
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) //ater Table (A2) tion (A3)	is required: cl	Water-Stail Aquatic Fa True Aquat	ned Leaves (Bs una (B13) ic Plants (B14)		Hydric	Secondary Indica Surface So Drainage P	tors (minimum of till Cracks (B6) atterns (B10) in Water Table (C2)	wo required)
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) //ater Table (A2) tion (A3) Marks (B1)	is required: cl	Water-Stai Aquatic Fa True Aquat Hydrogen S	ned Leaves (BS una (B13) ic Plants (B14) Sulfide Odor (C	1)		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	tors (minimum of till Cracks (B6) latterns (B10) in Water Table (C2) urrows (C8)	two required)
Type: Depth (Pemarks: YDROL Vetland Hyde Crimary Indi Surface High W Satura Water Sedime	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2)	is required: cl	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R	ned Leaves (B9 una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or	1) Living Root		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	tors (minimum of till Cracks (B6) latterns (B10) m Water Table (C2) urrows (C8)	two required)
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3)	is required: cl	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of	ned Leaves (BS una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or of Reduced Iron	1) Living Root (C4)	rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or	ttors (minimum of till Cracks (B6) tatterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial In Stressed Plants (D	two required)
Type: Depth (Primary Indi Surface High W Satura Water Sedime Drift De Algal N	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4)	is required: cl	Water-Stail Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of	ned Leaves (BS una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or if Reduced Iron n Reduction in	1) Living Root (C4)	rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or X Geomorphi	tors (minimum of till Cracks (B6) tatterns (B10) in Water Table (C2) trrows (C8) Visible on Aerial In Stressed Plants (Cc Position (D2)	two required)
Type: _ Depth (emarks: YDROL Vetland Hyv Primary Indi Surface High W Satura Water Sedime Drift De Algal M Iron De	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /at or Crust (B4) eposits (B5)		Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck	ned Leaves (BS una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or of Reduced Iron n Reduction in Surface (C7)	1) Living Root (C4)	rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or	tors (minimum of till Cracks (B6) tatterns (B10) in Water Table (C2) trrows (C8) Visible on Aerial In Stressed Plants (Cc Position (D2)	two required)
Type: _ Depth (emarks: YDROL Vetland Hyn Surface High W Satura Water Sedime Drift De Algal M Iron De Inunda	drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /at or Crust (B4) eposits (B5) tion Visible on Aerial Im	nagery (B7)	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Gauge or V	ned Leaves (BS una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or of Reduced Iron in Reduction in Surface (C7) Vell Data (D9)	1) Living Root (C4) Filled Soils (f	rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or X Geomorphi	tors (minimum of till Cracks (B6) tatterns (B10) in Water Table (C2) trrows (C8) Visible on Aerial In Stressed Plants (Cc Position (D2)	two required)
Type: Depth (Pemarks: YDROL Vetland Hye Primary Indi Surface High W Satura Water Sedime Drift De Algal N Iron De Inunda Sparse	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /fat or Crust (B4) eposits (B5) tion Visible on Aerial Im	nagery (B7)	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Gauge or V	ned Leaves (BS una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or of Reduced Iron n Reduction in Surface (C7)	1) Living Root (C4) Filled Soils (f	rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or X Geomorphi	tors (minimum of till Cracks (B6) tatterns (B10) in Water Table (C2) trrows (C8) Visible on Aerial In Stressed Plants (Cc Position (D2)	two required)
Type: Depth (emarks: PYDROL Vetland Hyde Surface High W Satura Water Sedime Drift De Algal M Iron De Inunda Sparse ield Obser	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial Im ely Vegetated Concave Sevations:	nagery (B7) Surface (B8)	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V Other (Exp	ned Leaves (BS una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or of Reduced Iron on Reduction in Surface (C7) Vell Data (D9)	1) Living Root (C4) Filled Soils (f	rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or X Geomorphi	tors (minimum of till Cracks (B6) tatterns (B10) in Water Table (C2) trrows (C8) Visible on Aerial In Stressed Plants (Cc Position (D2)	two required)
Type: Depth (emarks: IYDROL Vetland Hye Primary Indi Surface High W Satura Water Sedime Drift De Algal N Iron De Inunda Sparsee Gield Obser Surface Wa	oGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /lat or Crust (B4) eposits (B5) tion Visible on Aerial Im ely Vegetated Concave Sevations: ter Present?	nagery (B7) Surface (B8) Yes No	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V Other (Exp	ned Leaves (BS una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or of Reduced Iron on Reduction in Surface (C7) Vell Data (D9) lain in Remarks	1) Living Root (C4) Filled Soils (f	rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or X Geomorphi	tors (minimum of till Cracks (B6) tatterns (B10) in Water Table (C2) trrows (C8) Visible on Aerial In Stressed Plants (Cc Position (D2)	two required)
Type: Depth (emarks: IYDROL Vetland Hye Primary Indi Surface High W Satura Water Sedime Drift De Algal N Iron De Inunda Sparse	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /at or Crust (B4) eposits (B5) tion Visible on Aerial Im ely Vegetated Concave Sevations: ter Present?	agery (B7) Surface (B8) Yes No Yes No	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V Other (Exp	ned Leaves (BS una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or of Reduced Iron of Reduction in Surface (C7) Vell Data (D9) lain in Remarks s): N/A	1) Living Root (C4) Filled Soils (6	rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or X Geomorphi	tors (minimum of till Cracks (B6) tatterns (B10) in Water Table (C2) trrows (C8) Visible on Aerial In Stressed Plants (Cc Position (D2)	wo required)) nagery (C9)

Project/Site:	Pleasant Prairie							City/Coun	ty: Gallowa	y/Frank	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy							Sta	e: OH		Sampling Point:	dp026
Investigator(s):	B Hess								Section, 1	Townshi	ip, Range: N/A	***
Landform (hillslope,	terrace, etc.):		Summit						_	Loc	al relief (concave, convex, none): n	one
Slope (%):	0%	Lat:		39.943				Long:			-83.2146	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 pe	rcent slopes (Ko)	ı							NWI classific	cation: None
Are climatic / hydrole	ogic conditions on the	site typical t	or this time of yea	ar?				Ye	_ X	No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	sig	nificantly dist	urbed?	Are	"Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydrology	N	nat	turally probler	natic?	(If n	needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site n	nap showing	sampling point	ocations	s, tran	sects, im	ortant feat	ıres, etc.			
Hydrophytic Veg	getation Present?			Yes		No	х	Is th	e Sample	ed Are	ea	
Hydric Soil Pres				Yes		No	Х	with	in a Wetl	land?	Yes	No <u> x</u>
Wetland Hydrol	ogy Present?			Yes	_	No_	Х					
Remarks: VEGETATION -	Use scientific ı	names of	plants.									
							Absolute	Dominant	Indica			
Tree Stratum (Plot	size: 30' radius)					-	% Cover	Species?	State	us	Dominance Test worksheet:	
1												
2.											Number of Dominant Species	
3.											That Are OBL, FACW, or FAC:	(A)
4						— -					L	
5						— -					Total Number of Dominant	4 (0)
								= Total Cover			Species Across All Strata:	1 (B)
0 1 10 h h - 0 t h	(Dist size: 45) and										December 4 December 4 December 4	
	um (Plot size: 15' radi	us)									Percent of Dominant Species	00/ (4/0)
1						— -					That Are OBL, FACW, or FAC:	(A/B)
2						— -						
3						— -						
4						— -					Prevalence Index worksheet:	
5.								Total Course			Total % Cover of	Maddintal
								- Total Cover			Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by:
Herb Stratum (Plot	size: 5' radius)										OBL species	x1 =
Glycine max				-			90%	Yes	UP		FACW species	x2 =
2.							0070	103			FAC species	x3 =
3.											FACU species	x4 =
4.											UPL species 90%	x5 = 4.50
5.											Column Totals: 90%	(A) 4.50 (B)
6.												
7.											Prevalence Index = B	/A = 5.00
8.												
9.												
10.											Hydrophytic Vegetation Indicate	ors:
11.												
12.											1-Rapid Test for Hydrop	hytic Vegetation
13.											2-Dominance Test is >5	
14.											3-Prevalence Index is ≤	3.0 ¹
15.											4-Morphological Adaptat	tions ¹ (Provide supporting
16.											data in Remarks or on a	separate sheet)
17.											Problematic Hydrophytic	: Vegetation ¹ (Explain)
18.											—	
19.											¹ Indicators of hydric soil and wetla	and hydrology must
20.											be present, unless disturbed or p	roblematic.
							90%	= Total Cover				
Woody Vine Stratum	n (Plot size: 30' radiu	s)								_	Hydrophytic	
1.											Vegetation	
2.											Present? Yes_	No X
								= Total Cover			Ι -	_ _
Remarks: (Include p	photo numbers here o	on a separ	ate sheet.)									

rofile Desc	ription: (Describe to t	he depth need	ed to document the	indicator or con	firm the a	bsence of i	indicators.)		
Depth	Matrix	•		edox Features			······		
inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Rer	marks
0-18"	10YR 3/1	100					Clay Loam		
					·				
Type: C=C	Concentration, D=Deplet	ion, RM=Redu	ced Matrix, CS=Cover	red or Coated Sa	nd Grains.	² Location	n: PL=Pore Lining,	, M=Matrix.	
	Indicators ³ :	,	•				ndicators of Hydr		
Histoso	ol (A1)		Sandy Gley	ed Matrix (S4)			Iron-Mangar	nese Masses (F12	2)
Histic E	Epipedon (A2)		Sandy Red	ox (S5)			Very Shallov	w Dark Surface (F	22)
Black H	Histic (A3)		Stripped Ma	atrix (S6)			Other (Expla	ain in Remarks)	
Hydrog	gen Sulfide (A4)		Dark Surface	ce (S7)					
	ed Layers (A5)			cky Mineral (F1)					
	luck (A10)			yed Matrix (F2)					
_	ed Below Dark Surface ((A11)	Depleted M				3-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		
	Dark Surface (A12) Mucky Mineral (S1)			k Surface (F6)			The hydric soil in		•
_ ′	flucky Peat or Peat (S3)			ark Surface (F7) ressions (F8)				e Field Indicators (tates , Version 8.0	•
			Redox Dep	ressions (Fo)			III the Officed S	tates, version o.c	7, 2010.
	_ayer (if observed):								
Type: _									
Donth /	inches):					Usadria C	ail Brosent?	Vaa	No. V
	inches):					Hydric S	Soil Present?	Yes	NoX
emarks:	, <u> </u>					Hydric S	ioil Present?	Yes	NoX
marks:	OGY					Hydric S	ioil Present?	Yes	NoX
YDROL	OGY drology Indicators:	is required: ch	eck all that apply)			Hydric S			
YDROL fetland Hydrimary India	OGY drology Indicators: cators (minimum of one	is required: ch		ned Leaves (B9)		Hydric S	Secondary Indicat	ors (minimum of t	
YDROL etland Hydrimary Indi	OGY drology Indicators:	is required: ch				Hydric S	Secondary Indicat		
YDROL fetland Hydrimary Indi Surface High W	OGY drology Indicators: cators (minimum of one	is required: ch	Water-Stair Aquatic Far			Hydric S	Secondary Indicat Surface Soi	ors (minimum of t I Cracks (B6)	wo required)
YDROL fetland Hydrimary Indi Surface High W Satura	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2)	is required: ch	Water-Stair Aquatic Fa	una (B13)		Hydric S	Secondary Indicat Surface Soi	ors (minimum of t l Cracks (B6) atterns (B10) Water Table (C2)	wo required)
YDROL etland Hydrimary Indi Surface High W Saturar Water	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3)	is required: ch	Water-Stain Aquatic Fai True Aquat Hydrogen S	una (B13) ic Plants (B14))		Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu	ors (minimum of t l Cracks (B6) atterns (B10) Water Table (C2)	wo required)
YDROL etland Hydrimary Indi Surface High W Satural Water Sedime	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1)	is required: ch	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R	una (B13) ic Plants (B14) Sulfide Odor (C1)) ₋iving Root		Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8)	wo required)
YDROL etland Hydrimary Indi Surface High W Saturat Water Sedime Drift De	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2)	is required: ch	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence c	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on L) Living Root: C4)	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish But Saturation V	ors (minimum of to I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial In	wo required)
YDROL etland Hydrimary Indi Surface High W Saturat Water Sedime Drift De	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3)	is required: ch	Water-Stair Aquatic Far True Aquat Hydrogen S Oxidized R Presence of	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on L of Reduced Iron () Living Root: C4)	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish But Saturation V	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D E Position (D2)	wo required)
YDROL etland Hydrimary India Surface High W Satura Water Sedime Drift De Algal M Iron De Inunda	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /at or Crust (B4) eposits (B5) tion Visible on Aerial Im-	agery (B7)	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on L of Reduced Iron (n Reduction in Til) Living Root: C4)	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bui Saturation V Stunted or S Geomorphic	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D E Position (D2)	wo required)
YDROL /etland Hyd rimary Indi Surface High W Satura Water Sedime Drift De Algal M Iron De	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /at or Crust (B4) eposits (B5)	agery (B7)	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on L of Reduced Iron (n Reduction in Til Surface (C7)) Living Root: C4)	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bui Saturation V Stunted or S Geomorphic	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D E Position (D2)	wo required)
YDROL Vetland Hyd Surface High W Satura Water Sedime Drift De Algal N Iron De Inunda Sparse	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial Im-	agery (B7)	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on L of Reduced Iron (n Reduction in Til Surface (C7) Vell Data (D9)) Living Root: C4)	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bui Saturation V Stunted or S Geomorphic	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D E Position (D2)	wo required)
YDROL Vetland Hyd Primary Indi Surface High W Satural Water Sedime Drift De Algal M Iron De Inunda Sparse	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial Im-	agery (B7) Surface (B8)	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on L of Reduced Iron (n Reduction in Til Surface (C7) Vell Data (D9) lain in Remarks)) Living Root: C4)	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bui Saturation V Stunted or S Geomorphic	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D E Position (D2)	wo required)
YDROL Vetland Hyd Primary Indi Surface High W Saturar Water Sedime Drift De Algal N Iron De Inunda Sparse Surface Water Vater Table	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /at or Crust (B4) eposits (B5) tion Visible on Aerial Im- ely Vegetated Concave Sevations: ter Present?	agery (B7) Surface (B8)	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence o Recent Iror Thin Muck Gauge or V Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on L of Reduced Iron (n Reduction in Til Surface (C7) Vell Data (D9) lain in Remarks) s): N/A) Living Root: C4)	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bui Saturation V Stunted or S Geomorphic	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D E Position (D2)	wo required)
YDROL Vetland Hyd Primary Indi Surface High W Saturar Water Sedime Drift De Algal M Iron De Inunda Sparse Surface War Vater Table Saturation P	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /at or Crust (B4) eposits (B5) tion Visible on Aerial Im- ely Vegetated Concave Sevations: ter Present?	agery (B7) Surface (B8) Yes No _	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V Other (Expl	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on L of Reduced Iron (n Reduction in Til Surface (C7) Vell Data (D9) lain in Remarks) s): N/A N/A) Living Root (C4) Iled Soils (C	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bui Saturation V Stunted or S Geomorphic	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D E Position (D2)	wo required)

Project/Site:	Pleasant Prairie							City/County	: Galloway/Fran	klin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy							State	: OH	Sampling Point:	dp027
Investigator(s):	B Hess								Section, Towns	hip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Sı	ımmit						Lo	cal relief (concave, convex, none): r	none
Slope (%):	0%	Lat:		39.941	2			Long:		-83.2132	Datum: NAD83 UTM16N
Soil Map Unit Name	: Lewisburg-Crosby co	mplex, 2 to 6 p	ercent slopes (Le	eB)						NWI classifi	cation: None
Are climatic / hydrol	ogic conditions on the	site typical for	this time of year?					Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	significar	ntly distu	urbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydrology	N	naturally	problen	natic?	(If needed	, explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ich site ma	p showing sa	ampling point	locations	, transect	s, imp	oortant featu	res, etc.		
Hydrophytic Veg	getation Present?			Yes x	_	No		Is the	Sampled A	rea	
Hydric Soil Pres				Yes	_		X.	withi	n a Wetland?	Yes	Nox
Wetland Hydrol	ogy Present?			Yes	_	No	<u> </u>				
Remarks:	Use scientific r	names of n	ants								
1202			411101			Abso	olute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)					<u> % C</u>	over	Species?	Status	Dominance Test worksheet:	
1											
2.										Number of Dominant Species	
3.										That Are OBL, FACW, or FAC:	1 (A)
4											
5.										Total Number of Dominant	
								= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radi	us)								Percent of Dominant Species	
1										That Are OBL, FACW, or FAC:	(A/B)
2											
3.											
4										Prevalence Index worksheet:	
5.											
								- Total Cover		Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by:
Herb Stratum (Plot	size: 5' radius)									OBL species	x1 =
Echinochloa cru	_					25	5%	Yes	FACW	FACW species 27%	x2 = 0.54
Hibiscus trionum	-						%	No	UPL	FAC species	x3 = 0.54
Panicum dichote							%	No	FACW	FACU species	x4 =
4.										UPL species 3%	x5 = 0.15
5.										Column Totals: 30%	(A) 0.69 (B)
6.											
7.										Prevalence Index = E	3/A = 2.30
8.											
9.											
10.										Hydrophytic Vegetation Indicat	ors:
11.											
12.										X 1-Rapid Test for Hydrop	hytic Vegetation
13.										X 2-Dominance Test is >5	0%
14.										3-Prevalence Index is ≤	3.0 ¹
15.										4-Morphological Adapta	tions ¹ (Provide supporting
16.										data in Remarks or on	a separate sheet)
17										Problematic Hydrophyti	c Vegetation ¹ (Explain)
18.											
19.										¹ Indicators of hydric soil and wetle	and hydrology must
20.										be present, unless disturbed or p	roblematic.
						30)%	= Total Cover			
Woody Vine Stratun	n (Plot size: 30' radius	s)		_						Hydrophytic	
										Vegetation	
2										Present? Yes_	X No
								= Total Cover			
Remarks: (Include)	photo numbers here or	on a separate	sneet.)								

rofile Description: (Describe to t	he depth neede	d to document the	indicator or confi	rm the ab	sence of	indicators.)		
Depth Matrix			edox Features					
inches) Color (moist)	%	Color (moist)		Type ¹	Loc ²	Texture	Remarks	3
0-18" 10YR 3/1	100	, ,				Clay Loam		
Type: C=Concentration, D=Depleti	ion, RM=Reduce	d Matrix, CS=Cover	ed or Coated San	d Grains.	² Location	on: PL=Pore Lining	, M=Matrix.	
ydric Soil Indicators ³ :					Test	Indicators of Hydr	ric Soils:	
Histosol (A1)			ed Matrix (S4)				nese Masses (F12)	
Histic Epipedon (A2)		Sandy Red	, ,				w Dark Surface (F22)	
Black Histic (A3)		Stripped M	, ,			Other (Expl	ain in Remarks)	
Hydrogen Sulfide (A4) Stratified Layers (A5)		Dark Surfa	ce (S7) cky Mineral (F1)					
2 cm Muck (A10)			yed Matrix (F2)					
Depleted Below Dark Surface (A11)	Depleted M						
Thick Dark Surface (A12)	,		k Surface (F6)			³ The hydric soil in	dicators have been upo	dated to
Sandy Mucky Mineral (S1)		Depleted D	ark Surface (F7)			comply with the	e Field Indicators of Hy	dric Soils
5 cm Mucky Peat or Peat (S3)		Redox Dep	ressions (F8)			in the United S	States, Version 8.0, 201	6.
estrictive Layer (if observed):								
Type:								
Depth (inches):					Hydric	Soil Present?	Yes	No <u>X</u>
Depth (inches):					Hydric	Soil Present?	Yes	No <u>X</u>
Depth (inches):					Hydric	Soil Present?	Yes	No X
Depth (inches): emarks: YDROLOGY Vetland Hydrology Indicators:					Hydric			
Depth (inches): emarks: YDROLOGY /etland Hydrology Indicators: Primary Indicators (minimum of one	is required: chec				Hydric	Secondary Indica	tors (minimum of two re	
Per Depth (inches): Per Arrival Depth (inche	is required: chec	Water-Stai	ned Leaves (B9)		Hydric	Secondary Indica	tors (minimum of two re	
POROLOGY Vetland Hydrology Indicators: rimary Indicators (minimum of one Surface Water (A1) High Water Table (A2)	is required: chec	Water-Stair Aquatic Fa	una (B13)		Hydric	Secondary Indica Surface Soi	tors (minimum of two re il Cracks (B6) atterns (B10)	
Perpet (inches): Perpet (inch	is required: chec	Water-Stail Aquatic Fa True Aquat	una (B13) tic Plants (B14)		Hydric	Secondary Indica Surface Soi Drainage Po	tors (minimum of two re il Cracks (B6) atterns (B10) n Water Table (C2)	
Perpth (inches): Permarks: Parmarks: Parm	is required: ched	Water-Stai Aquatic Fa True Aquat Hydrogen S	una (B13) tic Plants (B14) Sulfide Odor (C1)	vina Roots		Secondary Indica Surface Soi Drainage Pa	tors (minimum of two re il Cracks (B6) atterns (B10) n Water Table (C2) irrows (C8)	equired)
POROLOGY Vetland Hydrology Indicators: Primary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3)	is required: chec	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R	una (B13) tic Plants (B14)	-		Secondary Indica Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation	tors (minimum of two re il Cracks (B6) atterns (B10) n Water Table (C2)	equired)
Perpth (inches): Permarks: Parmarks: Parmarks: Permarks: Perm	is required: chec	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence o	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on Liv	4)	s (C3)	Secondary Indica Surface Soi Drainage Portal Season Crayfish Bu Saturation Stunted or St	tors (minimum of two re il Cracks (B6) atterns (B10) n Water Table (C2) irrows (C8) Visible on Aerial Imager	equired)
Print (inches): Primarks: Primary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	is required: chec	Water-Stail Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of	una (B13) tic Plants (B14) Sulfide Odor (C1) hizospheres on Liv of Reduced Iron (C	4)	s (C3)	Secondary Indica Surface Soi Drainage Portal Season Crayfish Bu Saturation Stunted or St	tors (minimum of two re il Cracks (B6) atterns (B10) n Water Table (C2) irrows (C8) Visible on Aerial Imager Stressed Plants (D1) c Position (D2)	equired)
Property (inches): Property (inches): Property (etland Hydrology Indicators: Primary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)		Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence c Recent Iror Thin Muck	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on Liv of Reduced Iron (Cine) Reduction in Tille	4)	s (C3)	Secondary Indica Surface Soi Drainage Portion Season Crayfish But Saturation Stunted or Season	tors (minimum of two re il Cracks (B6) atterns (B10) n Water Table (C2) irrows (C8) Visible on Aerial Imager Stressed Plants (D1) c Position (D2)	equired)
Primary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	agery (B7)	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Liv of Reduced Iron (Control on Reduction in Tille Surface (C7)	4)	s (C3)	Secondary Indica Surface Soi Drainage Portion Season Crayfish But Saturation Stunted or Season	tors (minimum of two re il Cracks (B6) atterns (B10) n Water Table (C2) irrows (C8) Visible on Aerial Imager Stressed Plants (D1) c Position (D2)	equired)
Primarks: Primary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Image	agery (B7)	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on Liv of Reduced Iron (Con Reduction in Tille Surface (C7) Vell Data (D9)	4)	s (C3)	Secondary Indica Surface Soi Drainage Portion Season Crayfish But Saturation Stunted or Season	tors (minimum of two re il Cracks (B6) atterns (B10) n Water Table (C2) irrows (C8) Visible on Aerial Imager Stressed Plants (D1) c Position (D2)	equired)
Principles (inches): Primarks: Primary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Images Sparsely Vegetated Concave Stield Observations:	agery (B7)	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence c Recent Iror Thin Muck Gauge or V Other (Exp	una (B13) icic Plants (B14) Sulfide Odor (C1) hizospheres on Liver of Reduced Iron (C- n Reduction in Tille Surface (C7) Vell Data (D9) lain in Remarks)	4)	s (C3)	Secondary Indica Surface Soi Drainage Portion Season Crayfish But Saturation Stunted or Season	tors (minimum of two re il Cracks (B6) atterns (B10) n Water Table (C2) irrows (C8) Visible on Aerial Imager Stressed Plants (D1) c Position (D2)	equired)
Principles (Present?) Primarks: Primary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Image Sparsely Vegetated Concave Starface Water Present?	agery (B7) Surface (B8)	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V Other (Exp	una (B13) itic Plants (B14) Sulfide Odor (C1) hizospheres on Live of Reduced Iron (C- on Reduction in Tille Surface (C7) Vell Data (D9) lain in Remarks) ses): N/A N/A	4) ed Soils (C	G (C3)	Secondary Indica Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S Geomorphic	tors (minimum of two re il Cracks (B6) atterns (B10) n Water Table (C2) irrows (C8) Visible on Aerial Imager Stressed Plants (D1) c Position (D2)	equired)

Project/Site:	Pleasant Prairie					City/County	: Galloway/Frank	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy					State	: OH	Sampling Point:	dp028
Investigator(s):	B Hess						Section, Townsh	ip, Range: N/A	***
Landform (hillslope,	terrace, etc.):	Summit					Loc	al relief (concave, convex, none): r	one
Slope (%):	0%	Lat:	39.9404			Long:		-83.2129	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loam	, 0 to 2 percent slopes (Ko)						NWI classifi	cation: None
Are climatic / hydrole	ogic conditions on the si	te typical for this time of yea	r?			Yes	X No_	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology	N si	gnificantly distu	irbed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil N	, or Hydrology	N na	aturally problem	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Attac	h site map showing	sampling point locat	ions, tra	nsects, imp	ortant featu	res, etc.		
Hydrophytic Veg	getation Present?		Yes x	No		Is the	Sampled Are	ea	
Hydric Soil Pres	sent?		Yes	No	Х	withir	n a Wetland?	Yes	No <u>x</u>
Wetland Hydrol	ogy Present?		Yes	No	Х				
Remarks: VEGETATION -	Use scientific na	ames of plants.							
		•			Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)				% Cover	Species?	Status	Dominance Test worksheet:	
1.									
2.								Number of Dominant Species	
3.								That Are OBL, FACW, or FAC:	1 (A)
4									
5								Total Number of Dominant	
						= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radius							Percent of Dominant Species	
1								That Are OBL, FACW, or FAC:	(A/B)
2									
3									
4								Prevalence Index worksheet:	
5.									
						- Total Cover		Total % Cover of:	Multiply by:
Hart Otratan (Dist	alas (Standina)							That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot						.,		OBL species	x1 =
Phragmites aus	tralis				95%	Yes	FACW	FACW species 95%	x2 = 1.90
2								FAC species	x3 =
3.								FACU species	x4 =
4								UPL species	x5 =
5								Column Totals: 95%	(A) 1.90 (B)
6								Boots Indiana	
·								Prevalence Index = E	A/A = 2.00
°.									
9									
10								Hydrophytic Vegetation Indicat	ors:
11								V 4 Banid Toot for Underen	hutia Vagatatian
								X 1-Rapid Test for Hydrop	
13.								X 2-Dominance Test is >5 3-Prevalence Index is ≤	
14								l —	tions¹ (Provide supporting
16.								data in Remarks or on a	
17.								Problematic Hydrophyti	
18.									o vogotation (Explain)
19.								¹ Indicators of hydric soil and wetle	and hydrology must
20.								1	
					95%	= Total Cover		be present, unless disturbed or p	iobiolilatic.
					3076	- rotal Cover			
Woody Vine Stretum	n (Plot size: 30' radius)							Hydrophydio	
								Hydrophytic	
1								Vegetation Present? Yes	Y No.
						= Total Cover		Tes_	X No
						10.0100001			
Remarks: (Include	photo numbers here or o	on a senarate sheet \							
Tomario. (moide)	priorio mambers fiere of C	a sopulate sticet.)							

rofile Desc	cription: (Describe to t	he depth nee	ded to document the	indicator or confi	rm the ab	sence of	indicators.)		
Depth	Matrix			edox Features					
inches)	Color (moist)	%	Color (moist)		Type ¹	Loc ²	Texture	Ren	narks
0-18"	10YR 3/1	100	,				Clay Loam		
		- — –							
Type: C=0	Concentration, D=Deplet	ion. RM=Redu	uced Matrix, CS=Cover	ed or Coated Sand	Grains	² Locatio	n: PL=Pore Lining	ı. M=Matrix.	
	Indicators ³ :						Indicators of Hyd		
Histos	ol (A1)		Sandy Gley	yed Matrix (S4)			Iron-Manga	nese Masses (F12	2)
Histic	Epipedon (A2)		Sandy Red	ox (S5)			Very Shallo	w Dark Surface (F	22)
Black	Histic (A3)		Stripped M	atrix (S6)			Other (Exp	ain in Remarks)	
_ ` `	gen Sulfide (A4)		Dark Surfa						
	ed Layers (A5)			cky Mineral (F1)					
	luck (A10) ed Below Dark Surface (/A11\	Loamy Gle Depleted M	yed Matrix (F2)					
	od Below Dark Surface (Dark Surface (A12)	(A11)		k Surface (F6)			³ The hydric soil in	ndicators have bee	n undated to
	Mucky Mineral (S1)			ark Surface (F7)			-	e Field Indicators	•
_ ′	flucky Peat or Peat (S3)			ressions (F8)				States , Version 8.0	•
_	Layer (if observed):			• '				•	-
	,								
Type:	inches):					Hydric \$	Soil Present?	Yes	No X
Type: _ Depth (Hydric S	Soil Present?	Yes	NoX
Type: _ Depth (Hydric \$	Soil Present?	Yes	NoX_
Type: _ Depth (Hydric \$	Soil Present?	Yes	NoX
Type: _ Depth (Hydric \$	Soil Present?	Yes	NoX
Type: Depth (Hydric \$	Soil Present?	Yes	NoX
Type: _ Depth (emarks:	inches):					Hydric \$	Soil Present?	Yes	NoX
Type: _ Depth (emarks:	inches):					Hydric \$	Soil Present?	Yes	NoX
Type:	OGY drology Indicators: cators (minimum of one	is required: ch				Hydric \$	Secondary Indica	itors (minimum of t	
Type:	OGY drology Indicators:	is required: ch		ned Leaves (B9)		Hydric \$	Secondary Indica		
Type: _ Depth (emarks: IYDROL Vetland Hy Primary Indi Surfac	OGY drology Indicators: cators (minimum of one	is required: ch				Hydric \$	Secondary Indica	itors (minimum of t	
Type: _ Depth (emarks: IYDROL Vetland Hy Primary Indi Surfac High V Satura	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3)	is required: ch	Water-Stail Aquatic Fa True Aquat	una (B13) tic Plants (B14)		Hydric \$	Secondary Indica Surface So Drainage P Dry-Seasor	ntors (minimum of to il Cracks (B6) atterns (B10) n Water Table (C2)	wo required)
Type: _ Depth (emarks: IYDROL Vetland Hy Primary Indi Surfac High V Satura Water	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1)	is required: ch	Water-Stai Aquatic Fa True Aquat Hydrogen S	una (B13) tic Plants (B14) Sulfide Odor (C1)			Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	ators (minimum of to il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8)	wo required)
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2)	is required: ch	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on Liv	-		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation	ntors (minimum of to il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Im	wo required)
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3)	is required: ch	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on Liv of Reduced Iron (C-	1)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or	ators (minimum of to il Cracks (B6) atterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Im Stressed Plants (D	wo required)
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4)	is required: ch	Water-Stail Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on Liv of Reduced Iron (C4) n Reduction in Tille	1)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of the ill Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Im Stressed Plants (D c Position (D2)	wo required)
Type:	oGY drology Indicators: cators (minimum of one e Water (A1) //ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5)		Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on Liv of Reduced Iron (C4) n Reduction in Tille Surface (C7)	1)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or	ntors (minimum of the ill Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Im Stressed Plants (D c Position (D2)	wo required)
Type:	drology Indicators: cators (minimum of one e Water (A1) //ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial Im	agery (B7)	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Gauge or V	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on Liv of Reduced Iron (C- n Reduction in Tille Surface (C7) Vell Data (D9)	1)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of the ill Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Im Stressed Plants (D c Position (D2)	wo required)
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial Im	agery (B7)	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Gauge or V	una (B13) iic Plants (B14) Sulfide Odor (C1) hizospheres on Liv of Reduced Iron (C4) n Reduction in Tille Surface (C7)	1)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of the ill Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Im Stressed Plants (D c Position (D2)	wo required)
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial Im ely Vegetated Concave S vations:	agery (B7) Surface (B8)	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V Other (Exp	una (B13) icic Plants (B14) Sulfide Odor (C1) hizospheres on Liv of Reduced Iron (C- n Reduction in Tille Surface (C7) Vell Data (D9) lain in Remarks)	1)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of the ill Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Im Stressed Plants (D c Position (D2)	wo required)
Type:	oGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial Im ely Vegetated Concave Sevations: ter Present?	agery (B7) Surface (B8) Yes No	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence c Recent Iror Thin Muck Gauge or V Other (Exp	una (B13) icic Plants (B14) Sulfide Odor (C1) hizospheres on Live of Reduced Iron (C- n Reduction in Tille Surface (C7) Vell Data (D9) lain in Remarks)	1)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of the ill Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Im Stressed Plants (D c Position (D2)	wo required)
Type:	oGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial Im ely Vegetated Concave Sevations: ter Present?	agery (B7) Surface (B8) Yes No Yes No	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V Other (Exp	una (B13) itic Plants (B14) Sulfide Odor (C1) hizospheres on Liv of Reduced Iron (C- n Reduction in Tille Surface (C7) Vell Data (D9) lain in Remarks) ss): N/A N/A	t) d Soils (C	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of the ill Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Im Stressed Plants (D c Position (D2)	wo required)

Project/Site:	Pleasant Prairie							City/Cou	nty: G	Salloway/Frank	din	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy							St	ate: O	ЭН	Sampling Point:	dp029
Investigator(s):	B Hess								Se	ection, Townsh	ip, Range: N/A	***
Landform (hillslope,	terrace, etc.):	_	Summit						_	Loc	al relief (concave, convex, none): r	none
Slope (%):	0%	Lat:		39.940	3			Long:			-83.2045	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 per	cent slopes (Ko)								NWI classifi	cation: PEM1A
Are climatic / hydrole	ogic conditions on the	site typical fo	r this time of yea	r?				Y	es X	X No_	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	sig	nificantly dist	urbed?		Are "Norma	al Circumstances" present?	YesX_ No
Are Vegetation	N	, Soil	N	, or Hydrology	N	nat	urally probler	natic?		(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site m	ap showing	sampling point	locations	s, tran	sects, im	portant feat	tures	s, etc.		
Hydrophytic Veg	getation Present?			Yes		No	х	ls t	he S	ampled Are	ea	
Hydric Soil Pres	sent?			Yes		No	Х	wit	hin a	Wetland?	Yes	No <u>x</u> _
Wetland Hydrol	ogy Present?			Yes	_	No_	X					
Remarks: VEGETATION -	Use scientific n	ames of	plants.									
							Absolute	Dominant		Indicator		
Tree Stratum (Plot	size: 30' radius)					_	% Cover	Species?		Status	Dominance Test worksheet:	
1.												
2.											Number of Dominant Species	
3.											That Are OBL, FACW, or FAC:	(A)
4												
5											Total Number of Dominant	
								= Total Cover			Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radio	ıs) -									Percent of Dominant Species	
1											That Are OBL, FACW, or FAC:	(A/B)
2.												
3						— -						
4						— -					Prevalence Index worksheet:	
5.											Total N. Commont	Mallistation
								- Total Cover			Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by:
Herb Stratum (Plot	size: 5' radius)										OBL species	x1 =
Glycine max				•			90%	Yes		UPL	FACW species 1%	x2 = 0.02
2. Echinochloa cru	ıs-aalli						1%	No		FACW	FAC species	x3 =
3.											FACU species	x4 =
4.											UPL species 90%	x5 = 4.50
5.											Column Totals: 91%	(A) 4.52 (B)
6.												
7.											Prevalence Index = E	B/A = 4.97
8.												
9.												
10.											Hydrophytic Vegetation Indicat	ors:
11.												
12.											1-Rapid Test for Hydrop	hytic Vegetation
13.											2-Dominance Test is >5	0%
14.											3-Prevalence Index is ≤	3.0 ¹
15.											4-Morphological Adapta	tions ¹ (Provide supporting
16.											data in Remarks or on a	a separate sheet)
17.											Problematic Hydrophyti	c Vegetation ¹ (Explain)
18.												
19.											¹ Indicators of hydric soil and wetle	and hydrology must
20.											be present, unless disturbed or p	roblematic.
							91%	= Total Cover				
Woody Vine Stratum	n (Plot size: 30' radius)									Hydrophytic	
1											Vegetation	
2.											Present? Yes_	NoX_
								= Total Cover	_			_
Remarks: (Include p	photo numbers here or	on a separa	te sheet.)									

SOIL							San	mpling Point:	dp029
Profile Desc	cription: (Describe to the	depth need	led to document the ir	ndicator or c	onfirm the a	bsence o	of indicators.)		
Depth	Matrix		Red	dox Features			_		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Rem	narks
0-12"	10YR 3/1	100					Clay Loam		
12-18"	10YR 4/1	95	10YR 5/6	5	С	М	Clay Loam		
				· ——					
				. ——					
				. —					
¹ Type: C=C	Concentration, D=Depletion,	RM=Redu	ced Matrix, CS=Covere	d or Coated	Sand Grains.	² Locat	tion: PL=Pore Linin	ig, M=Matrix.	
	Indicators ³ :						t Indicators of Hyd		
Histoso	sol (A1)		Sandy Gleye	ed Matrix (S4))		Iron-Mang	anese Masses (F12))
	Epipedon (A2)		Sandy Redo	x (S5)			Very Shall	low Dark Surface (F2	(2)
	Histic (A3)		Stripped Mat	, ,			Other (Exp	plain in Remarks)	
	gen Sulfide (A4)		Dark Surface		43				
	ied Layers (A5) Muck (A10)			ky Mineral (F1 ed Matrix (F2	,				
	vidck (A10) ted Below Dark Surface (A11	1)	Depleted Ma)				
	Dark Surface (A12)	',		Surface (F6)	i		³ The hydric soil	indicators have been	updated to
	Mucky Mineral (S1)			rk Surface (F			•	the Field Indicators o	•
5 cm N	Mucky Peat or Peat (S3)		Redox Depre	essions (F8)			in the United	States, Version 8.0,	2016.
Restrictive	Layer (if observed):								
Type:									
Depth ((inches):					Hydric	Soil Present?	Yes	NoX
Remarks:									
HYDROL	.OGY								
Wetland Hyd	drology Indicators:						755 750		
	licators (minimum of one is re	equired: che			100000			ators (minimum of tw	vo required)
	ce Water (A1)		Water-Stains	-	9)			oil Cracks (B6)	
•	Water Table (A2)		Aquatic Faur					Patterns (B10)	
_	ation (A3)			Plants (B14	-			on Water Table (C2)	
	Marks (B1)			ulfide Odor (C	•	(00)		Burrows (C8)	(00)
	nent Deposits (B2)				n Living Roots	s (C3)		Visible on Aerial Ima	
_	Deposits (B3)			Reduced Iron	, ,	201		r Stressed Plants (D1	1)
_	Mat or Crust (B4) eposits (B5)				Tilled Soils (0	C6)		nic Position (D2) ral Test (D5)	
_	. , ,	···· (DZ)	Thin Muck S				— FAC-Neut	rai Test (D5)	
inunda	ation Visible on Aerial Image	:ry (B7)	Gauge or we	ell Data (D9)					

Field Observations: No X Surface Water Present? Depth (inches): N/A No X N/A Water Table Present? Depth (inches): Saturation Present? No X N/A Depth (inches):

Sparsely Vegetated Concave Surface (B8)

Wetland Hydrology Present? No_

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

Remarks:

(includes capillary fringe)

Other (Explain in Remarks)

Project/Site:	Pleasant Prairie				City/County	: Galloway/Frankl	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy				State	: OH	Sampling Point:	dp030
Investigator(s):	B Hess					Section, Townshi	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Toeslope				Loc	al relief (concave, convex, none): co	oncave
Slope (%):	0%	Lat:	39.9428		Long:		-83.1883	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loam	0 to 2 percent slopes (Ko)				NWI classific	ation: None
Are climatic / hydrole	ogic conditions on the sit	e typical for this time of ye	ar?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	Soil N	, or Hydrology	significantly distu	rbed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	Soil N	, or Hydrology	naturally problem	atic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Attac	h site map showing	sampling point locati	ons, transects, imp	ortant featur	res, etc.		
Hydrophytic Veg	getation Present?		Yes x	No	Is the	Sampled Are	ea	
Hydric Soil Pres	sent?		Yes x	No	within	n a Wetland?	Yes x	No
Wetland Hydrol	ogy Present?		Yes x	No				
Remarks: VEGETATION -	Use scientific na	mes of plants.						
				Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet:	
1								
2.							Number of Dominant Species	
3.							That Are OBL, FACW, or FAC:	(A)
4								
5.							Total Number of Dominant	
				:	= Total Cover		Species Across All Strata:	(B)
Sapling/Shrub Strate	um (Plot size: 15' radius						Percent of Dominant Species	
1							That Are OBL, FACW, or FAC:	(A/B)
2								
3.								
4							Prevalence Index worksheet:	
5.								
					- Total Cover		Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by: A/B
Herb Stratum (Plot	eize: 5' radius)						OBL species	x1 =
Echinochloa cru			-	35%	Yes	FACW	FACW species 55%	x2 = 1.10
Setaria pumila	is-yaiii			20%	Yes	FAC	FAC species 25%	x3 = 0.75
3. Panicum dichote	omiflorum			20%	Yes	FACW	FACU species 25%	x4 = 1.00
Sida spinosa				20%	Yes	FACU	UPL species	x5 =
5. Ipomoea hedera	acea			5%	No	FAC	Column Totals: 105%	(A) 2.85 (B)
6. Ipomoea purpur				5%	No	FACU		
7.							Prevalence Index = B	A = 2.71
8.								
9.								
10.							Hydrophytic Vegetation Indicate	ors:
11.								
12.							1-Rapid Test for Hydroph	nytic Vegetation
13.							X 2-Dominance Test is >50	
14.							x 3-Prevalence Index is ≤3	
15.							4-Morphological Adaptati	ons ¹ (Provide supporting
16.							data in Remarks or on a	separate sheet)
17.							Problematic Hydrophytic	Vegetation ¹ (Explain)
18.							—	
19.							¹ Indicators of hydric soil and wetla	nd hydrology must
20.							be present, unless disturbed or pr	oblematic.
				105%	= Total Cover			
Woody Vine Stratum	n (Plot size: 30' radius)						Hydrophytic	
1.							Vegetation	
2.							Present? Yes_	X No
					= Total Cover		Ι -	_ _
Remarks: (Include p	photo numbers here or o	n a separate sheet.)						

SOIL								Sampling Point:	8	dp030
		he depth ne	eded to document the i		irm the a	bsence o	f indicators.)			
Depth _	Matrix			dox Features	_ 1		_			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remark	(S
0-11"	10YR 3/1	100					Clay Loam	_		
11-18"	10YR 4/1	95	10YR 4/4	5	С	M	Clay Loam			
¹ Type: C=Co	ncentration, D=Deplet	ion, RM=Red	luced Matrix, CS=Covere	ed or Coated San	d Grains.	² Locat	ion: PL=Pore Li	ning, M=Matrix.		
lydric Soil In	dicators³:					Tes	t Indicators of	Hydric Soils:		
Histosol	(A1)		Sandy Gleye	ed Matrix (S4)			Iron-Ma	anganese Masses	(F12)	
Histic Ep	ipedon (A2)		Sandy Redo	, ,				hallow Dark Surfac		
Black Hi	stic (A3)		Stripped Ma	, ,			Other (Explain in Remark	s)	
	n Sulfide (A4)		Dark Surfac	, ,						
	Layers (A5)			ky Mineral (F1)						
2 cm Mu				ed Matrix (F2)						
	Below Dark Surface	(A11)	Depleted Ma				2			
	rk Surface (A12)			Surface (F6)			-	oil indicators have		
	ucky Mineral (S1)			ark Surface (F7)				th the <i>Field Indicat</i>		•
5 cm Mu	cky Peat or Peat (S3)		Redox Depr	essions (F8)			in the Uni	ted States, Version	n 8.0, 20)16.
estrictive La	yer (if observed):									
Type:			-							
Depth (in	ches):		_			Hydric	Soil Present?	Yes	X	No
emarks:										
IYDROLO	GY									
-	ology Indicators:						1			
•	tors (minimum of one	is required: o		.000				dicators (minimum	of two	required)
Surface	Water (A1)		Water-Stain	ed Leaves (B9)			Surface	e Soil Cracks (B6)		
High Wa	ter Table (A2)		Aquatic Fau	, ,				ge Patterns (B10)		
Saturation	n (A3)			c Plants (B14)				ason Water Table	(C2)	
	arks (B1)			ulfide Odor (C1)				h Burrows (C8)		
Sedimen	t Deposits (B2)			izospheres on Li	•	ts (C3)		tion Visible on Aeri	•	ery (C9)
Drift Dep	osits (B3)		Presence of	Reduced Iron (C	4)		X Stunted	d or Stressed Plant	s (D1)	

X Geomorphic Position (D2) X FAC-Neutral Test (D5) X Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Iron Deposits (B5) Thin Muck Surface (C7) Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D9) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) Field Observations: No X Surface Water Present? Depth (inches): N/A No X N/A Water Table Present? Depth (inches): Saturation Present? No X N/A Wetland Hydrology Present? Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

Project/Site:	Pleasant Prairie							City/County	: Galloway/Frank	din	Sampling Dat	te: 9/30/2020
Applicant/Owner:	Inenergy							State	: OH	Sampling Point:	dp0	131
Investigator(s):	B Hess								Section, Townsh	ip, Range: N/A		
Landform (hillslope,	terrace, etc.):		Toeslope						Loc	cal relief (concave, convex, no	ne): concave	
Slope (%):	2%	Lat:		39.	9421			Long:		-83.1884	Datum: N/	AD83 UTM16N
Soil Map Unit Name:	: Kokomo silty clay loan	n, 0 to 2 pe	ercent slopes (Ko)							NWI cl	lassification: No	one
Are climatic / hydrolo	ogic conditions on the s	ite typical t	or this time of yea	r?				Yes	X No	(If no, explain in Rema	rks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	sign	ificantly dist	urbed?	Are "Norm	al Circumstances" present?	Yes _>	X_No
Are Vegetation	N	, Soil	N	, or Hydrology	N	natu	ırally problen	natic?	(If needed,	explain any answers in Rema	irks.)	
SUMMARY OF	FINDINGS Atta	ch site r	nap showing	sampling po	int location	s, trans	sects, imp	oortant featur	res, etc.			
Hydrophytic Veg	getation Present?			Yes		No	X	Is the	Sampled Ar	ea		
Hydric Soil Pres	ent?			Yes x		No _		withir	n a Wetland?	Yes	No	X
Wetland Hydrolo	ogy Present?			Yes x		No_						
VEGETATION - Tree Stratum (Plot s	- Use scientific n	ames of	plants.				Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test workshe		
1.	5126. 30 Taulus)					_	76 COVE	opecies?	Status	Dominance Test Workshee	et.	
2.										Number of Dominant Specie	es	
3										That Are OBL, FACW, or FA		1 (A)
4.										That 700 obe, 171ott, of 11		
5.										Total Number of Dominant		
								= Total Cover		Species Across All Strata:	:	2 (B)
Sapling/Shrub Stratu	um (Plot size: 15' radiu	s)								Percent of Dominant Specie	es	
1.										That Are OBL, FACW, or F.	AC: 50	0% (A/B)
2.												
3.									=			
4.									=	Prevalence Index workshe	et:	
5.									=			
								- Total Cover		Total % Cover of:	M	fultiply by:
										That Are OBL, FACW, or FA	AC:	A/B
Herb Stratum (Plot :	size: 5' radius)									OBL species	x1 =	
Echinochloa cru	s-galli						40%	Yes	FACW	FACW species 4	10% x2 =	0.80
2. Sida spinosa							40%	Yes	FACU		5% x3 =	0.15
3. Xanthium strum							5%	No	FAC		13% x4 =	1.72
4. Ipomoea purpur							2%	No	FACU	UPL species	x5 =	
5. Abutilon theophi	rasti						1%	No	FACU	Column Totals: 8	88% (A)	2.67 (B)
6						— –						
\\ \frac{\(\cdot \)}{\(\cdot \)}						— –				Prevalence Inde	ex = B/A =	3.03
0.												
10.						— –				Hudranbutla Vagatation In	adlantara.	
11.										Hydrophytic Vegetation In	dicators.	
12.										1-Panid Test for U	lydrophytic Vegetation	on
13.										2-Dominance Test		
14.										3-Prevalence Inde		
15.										4-Morphological A	daptations1 (Provide	supporting
16.										data in Remarks of	or on a separate she	eet)
17.										1	ophytic Vegetation ¹	
18.										-		
19.										¹ Indicators of hydric soil and	d wetland hydrology	must
20.										be present, unless disturbe	d or problematic.	
							88%	= Total Cover				
Woody Vine Stratum	(Plot size: 30' radius)								Hydrophytic		
1										Vegetation		
2										Present?	Yes No_>	<u>×</u>
						_		= Total Cover				
Remarks: (Include p	photo numbers here or	on a separ	ate sheet.)									

rofile Descri	ption: (Describe to t	ne depth ne	eded to document the i	ndicator or co	nfirm the a	bsence o	f indicators.)	
epth _	Matrix		Re	edox Features				
nches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-11"	10YR 3/1	100					Clay Loam	
11-18"	10YR 5/2	95	10YR 6/4	5	С	М	Clay Loam	
							·	
		- — -						
						2, ,,		
		on, RM=Red	luced Matrix, CS=Covere	ed or Coated S	and Grains.		on: PL=Pore Lining,	
ydric Soil In			0			Test	Indicators of Hydri	
— Histosol	, ,			red Matrix (S4)				nese Masses (F12)
	pipedon (A2)		Sandy Redo	, ,				v Dark Surface (F22)
Black His	, ,		Stripped Ma	, ,			Other (Expla	ain in Remarks)
	n Sulfide (A4)		Dark Surfac	. ,				
_	Layers (A5)			ky Mineral (F1))			
_	ick (A10)			ed Matrix (F2)				
	d Below Dark Surface (A11)	Depleted Ma				2	
	ark Surface (A12)			Surface (F6)			-	dicators have been updated to
Sandy M	lucky Mineral (S1)		Depleted Da	ark Surface (F7	7)		comply with the	e Field Indicators of Hydric Soils
5 cm Mu	icky Peat or Peat (S3)		Redox Depr	ressions (F8)			in the United S	tates, Version 8.0, 2016.
estrictive La	yer (if observed):							
Type:								
i ype.								
Depth (in	ches):		_			Hydric	Soil Present?	Yes X No
Depth (in	ches):		-			Hydric	Soil Present?	Yes X No
Depth (in	ches):		- -			Hydric	Soil Present?	Yes X No
Depth (in	ches):		- -			Hydric	Soil Present?	Yes X No
Depth (in	ches):		- -			Hydric	Soil Present?	Yes X No
Depth (in	ches):		- -			Hydric	Soil Present?	Yes X No
Depth (inc						Hydric	Soil Present?	Yes X No
Depth (incemarks:						Hydric	Soil Present?	Yes X No
Depth (incomercial property) Primary Indica	OGY rology Indicators: ators (minimum of one	is required: c				Hydric	3.	Yes X No
Depth (incomercial property) Primary Indica	OGY rology Indicators:	is required: c		ned Leaves (BS))	Hydric	Secondary Indicat	
Primary Indica Surface	OGY rology Indicators: ators (minimum of one	is required: c))	Hydric	Secondary Indicat	ors (minimum of two required)
Primary Indica Surface	ology Indicators: ators (minimum of one Water (A1) ater Table (A2)	is required: c	Water-Stain Aquatic Fau))	Hydric	Secondary Indicat Surface Soil Drainage Pa	ors (minimum of two required) Cracks (B6)
Primary Indica Surface V High Wa Saturatio	ology Indicators: ators (minimum of one Water (A1) ater Table (A2)	is required: c	Water-Stain Aquatic Fau True Aquati	una (B13)		Hydric	Secondary Indicat Surface Soil Drainage Pa	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2)
Primary Indica Surface V High Wa Saturatio Water M:	ology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3)	is required: c	Water-Stain Aquatic Fau True Aquati Hydrogen S	una (B13) ic Plants (B14)	1)		Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2)
Primary Indica Surface V High Wa Saturatio Water M: Sedimen	ology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1)	is required: c	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	una (B13) ic Plants (B14) Sulfide Odor (C	1) Living Roo		Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) crows (C8)
Primary Indica Surface High Wa Saturatio Water Ma Sedimen Drift Dep	ology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) posits (B3)	is required: c	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	una (B13) ic Plants (B14) Sulfide Odor (C nizospheres on f Reduced Iron	1) Living Root (C4)	ts (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V X Stunted or S	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) (risible on Aerial Imagery (C9) ctressed Plants (D1)
Primary Indica Surface High Wa Saturatio Water Ma Sedimen Drift Dep X Algal Ma	ology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) oosits (B3) at or Crust (B4)	is required: c	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron	una (B13) ic Plants (B14) Sulfide Odor (C nizospheres on f Reduced Iron Reduction in T	1) Living Root (C4)	ts (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V X Stunted or S X Geomorphic	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) risible on Aerial Imagery (C9) ctressed Plants (D1)
Primary Indica Surface V High Wa Saturatio Water M: Sedimen Drift Dep X Algal Ma Iron Dep	ology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) posits (B3) at or Crust (B4) posits (B5)		Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S	una (B13) ic Plants (B14) Sulfide Odor (C nizospheres on f Reduced Iron Reduction in T Surface (C7)	1) Living Root (C4)	ts (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V X Stunted or S	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) risible on Aerial Imagery (C9) ctressed Plants (D1)
Depth (incomplete in the control of	ology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) cosits (B3) at or Crust (B4) cosits (B5) on Visible on Aerial Image	agery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	una (B13) ic Plants (B14) Sulfide Odor (C nizospheres on f Reduced Iron Reduction in T Surface (C7) Vell Data (D9)	1) Living Root (C4) Filled Soils (ts (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V X Stunted or S X Geomorphic	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) risible on Aerial Imagery (C9) ctressed Plants (D1)
Depth (incomplete in the control of	ology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) posits (B3) at or Crust (B4) posits (B5)	agery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	una (B13) ic Plants (B14) Sulfide Odor (C nizospheres on f Reduced Iron Reduction in T Surface (C7)	1) Living Root (C4) Filled Soils (ts (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V X Stunted or S X Geomorphic	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) risible on Aerial Imagery (C9) ctressed Plants (D1)
Depth (indexes) EMAPPING A Sediment Drift Depth (indexes) X Algal Malron Depth (indexes) Inundation Sparsely	or o	agery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	una (B13) ic Plants (B14) Sulfide Odor (C nizospheres on f Reduced Iron Reduction in T Surface (C7) Vell Data (D9)	1) Living Root (C4) Filled Soils (ts (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V X Stunted or S X Geomorphic	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) risible on Aerial Imagery (C9) ctressed Plants (D1)
Depth (incomplete in the control of	or o	agery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	una (B13) ic Plants (B14) culfide Odor (C nizospheres on f Reduced Iron Reduction in 7 Surface (C7) /ell Data (D9) ain in Remarks	1) Living Root (C4) Filled Soils (ts (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V X Stunted or S X Geomorphic	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) risible on Aerial Imagery (C9) ctressed Plants (D1)

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

(includes capillary fringe)

Project/Site:	Pleasant Prairie						City/County	: Galloway/Frank	din	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy						State	: ОН	Sampling Point:	dp032
Investigator(s):	B Hess							Section, Townsh	nip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Toeslope	•					Loc	cal relief (concave, convex, none):	concave
Slope (%):	2%	Lat:		39.9396			Long:		-83.1885	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loam	, 0 to 2 percent slop	oes (Ko)						NWI classif	ication: None
Are climatic / hydrol	ogic conditions on the si	te typical for this tim	ne of year?				Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydro	ology	N si	gnificantly dist	urbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil N	, or Hydro	ology	Nna	aturally probler	natic?	(If needed	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Attac	h site map sho	owing sampling	point locat	ions, tra	nsects, im	oortant featur	res, etc.		
Hydrophytic Veg	getation Present?		Yes	Х	No		Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?		Yes	Х	No		withir	n a Wetland?	Yes x	No
Wetland Hydrol	ogy Present?		Yes	X	No.					
Remarks:	Use scientific na	imes of plants								
1202	000 0010111110111	mico oi pianto				Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)					% Cover	Species?	Status	Dominance Test worksheet:	
1.										
2.									Number of Dominant Species	
3.									That Are OBL, FACW, or FAC:	1 (A)
4.										
5.									Total Number of Dominant	
							= Total Cover		Species Across All Strata:	(B)
Sapling/Shrub Strate	um (Plot size: 15' radius								Percent of Dominant Species	
1									That Are OBL, FACW, or FAC:	(A/B)
2.										
3.										
4									Prevalence Index worksheet:	
5.										
							- Total Cover		Total % Cover of:	Multiply by:
									That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot									OBL species	x1 =
1. Echinochloa cru	ıs-galli					35%	Yes	FACW	FACW species 45%	x2 = 0.90
2. Sida spinosa	!#					25% 10%	Yes No	FACU	FAC species 30%	x3 =
Panicum dichote Ipomoea purpur						5%	No	FACU		x4 = 1.20
4. Ipoliticea purpui	ca					376	140	FACO	UPL species Column Totals: 75%	x5 =(A) 2.10 (B)
5.									Column rotals. 75%	(A) 2.10 (B)
·									Prevalence Index = I	B/A = 2.80
*									Prevalence index = i	2.00
9.							· ——			
10.									Hydrophytic Vegetation Indica	tores
11.									Hydrophytic vegetation mulca	tors.
12.									1-Rapid Test for Hydrop	Shutic Vegetation
13.									2-Dominance Test is >5	
14.									x 3-Prevalence Index is ≤	
15.									_	itions ¹ (Provide supporting
16.									data in Remarks or on	
17.									1	ic Vegetation ¹ (Explain)
18.									_	, , , , , , , , , , , , , , , , , , , ,
19.									¹ Indicators of hydric soil and wetl	and hydrology must
20.									be present, unless disturbed or p	
						75%	= Total Cover		p	
Woody Vine Stratun	n (Plot size: 30' radius)								Hydrophytic	
1.	_ (Vegetation	
2.							· ——		1 -	X No
I							= Total Cover			
Remarks: (Include	photo numbers here or o	n a separate sheet)						•	
			-							

SOIL							Samp	ling Point:	d	lp032	
	ption: (Describe to th	e depth nee	eded to document the in	dicator or c	onfirm the al	bsence of	10000000			,,,,,,	
Depth Matrix			Red								
(inches) Color (moist) %		%	Color (moist) % Type ¹			Loc ²	Texture Remarks			8	
0-18"	10YR 3/1	95	10YR 3/6	5		М	Clay Loam				
		n, RM=Red	uced Matrix, CS=Covered	or Coated	Sand Grains.		on: PL=Pore Lining,				
Hydric Soil In							Test Indicators of Hydric Soils:				
Histosol	. ,		Sandy Gleyed Matrix (S4)				Iron-Manganese Masses (F12)				
	pipedon (A2)		Sandy Redox (S5)				Very Shallow Dark Surface (F22)				
Black Histic (A3)			Stripped Matrix (S6)				Other (Explain in Remarks)				
	n Sulfide (A4)		Dark Surface								
	Layers (A5)		Loamy Mucky Mineral (F1)								
	ck (A10)		Loamy Gleyed Matrix (F2)								
	Below Dark Surface (A	(11)	Depleted Mat	3							
	rk Surface (A12)		X Redox Dark S	³ The hydric soil indicators have been updated to							
Sandy Mucky Mineral (S1)			Depleted Dar	comply with the Field Indicators of Hydric Soils							
5 cm Mucky Peat or Peat (S3)			X Redox Depre	in the United States , Version 8.0, 2016.							
	yer (if observed):										
Type:											
Depth (in	ches):					Hydric	Soil Present?	Yes	<u>X</u>	No	
Remarks:											
HYDROLO	GY										
Wetland Hydr	ology Indicators:						become				
Primary Indicators (minimum of one is required: check all that apply)							Secondary Indicators (minimum of two required)				

HYDROLOGY									
Wetland Hydrology Indicators:				190					
Primary Indicators (minimum of one	is required: check all	Secondary Indicators (minimum of two required)							
Surface Water (A1)	_	9)	X Surface Soil Cracks (B6)						
High Water Table (A2)	_	Aquatic Fauna (B13)		Drainage Patterns (B10)					
Saturation (A3)		True Aquatic Plants (B14)		Dry-Season Water Table (C2)					
Water Marks (B1)	_	Hydrogen Sulfide Odor (C	1)	Crayfish Burrows (C8)					
Sediment Deposits (B2)	_	Oxidized Rhizospheres on	Living Roots (C3)	Saturation Visible on Aerial Imagery (C9)					
Drift Deposits (B3)		Presence of Reduced Iron	(C4)	X Stunted or Stressed Plants (D1)					
Algal Mat or Crust (B4)	_	Recent Iron Reduction in	Tilled Soils (C6)	X Geomorphic Position (D2)					
Iron Deposits (B5)	_	Thin Muck Surface (C7)		X FAC-Neutral Test (D5)					
Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D9)									
Sparsely Vegetated Concave	Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks)								
Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	Yes	Depth (inches): N/A Depth (inches): N/A Depth (inches): N/A	Wetland Hydrolo	gy Present? Yes X No					
Describe Recorded Data (stream g	auge, monitoring well,	aeriai photos, previous inspec	tions), if available:						

Project/Site:	Pleasant Prairie							City/Count	y: Galloway/Frank	din	Sampling Date: 10/1/2020
Applicant/Owner:	Inenergy							State	e: OH	Sampling Point:	dp033
Investigator(s):	B Hess								Section, Townsh	nip, Range: N/A	
Landform (hillslope,	terrace, etc.):		Toeslope						Loc	cal relief (concave, convex, none):	: concave
Slope (%):	0%	Lat:			39.938			Long:		-83.2155	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 pe	ercent slopes (Ko)						NWI class	sification: None
Are climatic / hydrol	ogic conditions on the	site typical	for this time of ye	ear?				Yes	X No	(If no, explain in Remarks.)
Are Vegetation	N	, Soil	N	, or Hydr	ology	N	significantly dis	turbed?	Are "Norm	al Circumstances" present?	Yes _ X _ No
Are Vegetation	N	, Soil	N	, or Hydr	ology	N	naturally proble	ematic?	(If needed,	, explain any answers in Remarks	.)
SUMMARY OF	FINDINGS Atta	ch site r	nap showing	_ sampling	point lo	cations,	transects, im	portant featu	res, etc.		
	getation Present?		, ,	Yes	×		No		e Sampled Ar	ea	
Hydric Soil Pres				Yes	X		No	_	n a Wetland?		x No
Wetland Hydrol				Yes	Х		No	_		_	
Remarks:											
VEGETATION -	Use scientific r	names of	plants.							1	
Tree Stratum (Plot	size: 30' radius)						Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1.	size. 30 Tadius)						76 Cover	Species?	Status	Dominance Test Worksheet.	
1.										Number of Dominant Species	
2								- —		1	1 (A)
J										That Are OBL, FACW, or FAC:	(A)
5.										Total Number of Dominant	
J								= Total Cover		Species Across All Strata:	1 (B)
								- Total Cover		Species Across Air Strata.	(B)
Sanling/Shrub Strate	um (Plot size: 15' radi	ie)								Percent of Dominant Species	
1.	<u>um</u> (1 lot 3120, 10 Tudi	45)								That Are OBL, FACW, or FAC:	100% (A/B)
							_			I macrate obe, traon, or trao.	((0))
3											
J								- —		Prevalence Index worksheet:	
5.								- —		Frevalence index worksheet.	
5.								= Total Cover		Total % Cover of:	Multiply by:
								_ Total Cover		That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)									OBL species	x1 =
Echinochloa cru				-			85%	Yes	FACW	FACW species 86%	
Sida spinosa	io gain						25%	No	FACU	FAC species 3%	x3 = 0.09
Abutilon theoph	rasti						5%	No	FACU	FACU species 35%	
Setaria faberi							5%	No	FACU	UPL species 2%	x5 = 0.10
Setaria pumila							3%	No	FAC	Column Totals: 126%	
6. Hibiscus trionum	n						2%	No	UPL		
7. Panicum dichote							1%	No	FACW	Prevalence Index =	= B/A = 2.63
8.											
9.							_				
10.										Hydrophytic Vegetation Indic	ators:
11.											
12.										X 1-Rapid Test for Hydro	ophytic Vegetation
13.							_			X 2-Dominance Test is	
14.							_			x 3-Prevalence Index is	
15.											stations ¹ (Provide supporting
16.										data in Remarks or o	n a separate sheet)
17.										1	ytic Vegetation ¹ (Explain)
18.										—	
19.										¹ Indicators of hydric soil and we	etland hydrology must
20.										be present, unless disturbed or	
							126%	= Total Cover			
							-2010				
Woody Vine Stratun	n (Plot size: 30' radius	5)								Hydrophytic	
1.		-								Vegetation	
2.							_			1 -	s X No
								= Total Cover		1	
								-			
Remarks: (Include i	photo numbers here or	on a separ	ate sheet.)							•	
			,								

SOIL	Sampling Point:	dp033
	Posterior and the second control of the seco	

Profile Des	cription: (Describe to th	ne depth needed	to document the inc	dicator or co	onfirm the al	sence o	f indicators.)	
Depth	Matrix			x Features				
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-11"	10YR 3/1	98	10YR 3/4	2	C	PL	Clay Loam	
11-18"	10YR 4/2	95	10YR 4/6	5	<u> </u>	М	Clay Loam	
1Tumor C=(Concentration D-Depleti		Matrix CS-Cayarad	- Control C		21+	ani Di -Dara Linina	NA-NA-triv
	Concentration, D=Depletion Indicators ³ :	on, Rivi=Reduced	Matrix, CS=Covered	or Coated S	and Grains.		on: PL=Pore Lining t Indicators of Hydr	
•	ol (A1)		Sandy Gleyed	Matrix (S4)		165		nese Masses (F12)
	Epipedon (A2)		Sandy Redox					w Dark Surface (F22)
	Histic (A3)		Stripped Matri					ain in Remarks)
	gen Sulfide (A4)		Dark Surface	, ,				an in Kemane)
	ed Layers (A5)		Loamy Mucky)			
	/luck (A10)		Loamy Gleyed					
	ed Below Dark Surface (A	A11)	Depleted Matr					
	Dark Surface (A12)	,	X Redox Dark S				³ The hydric soil in	dicators have been updated to
— Sandy	Mucky Mineral (S1)		Depleted Dark	k Surface (F7	7)		comply with the	e Field Indicators of Hydric Soils
5 cm N	Mucky Peat or Peat (S3)		Redox Depres		•		in the United S	States , Version 8.0, 2016.
Restrictive	Layer (if observed):							
Type:								
Depth	(inches):					Hydric	Soil Present?	Yes X No
Remarks:								
HYDROL	.OGY							
Wetland Hy	drology Indicators:						99000	
Primary Indi	icators (minimum of one i	s required: check	all that apply)				Secondary Indicat	tors (minimum of two required)
Surfac	e Water (A1)		Water-Stained	d Leaves (B9	9)		Surface Soi	l Cracks (B6)
High V	Vater Table (A2)		Aquatic Fauna	a (B13)			Drainage Pa	atterns (B10)
Satura	tion (A3)		True Aquatic I	Plants (B14)			Dry-Season	Water Table (C2)
Water	Marks (B1)		Hydrogen Sulf	fide Odor (C	1)		Crayfish Bu	rrows (C8)
Sedim	ent Deposits (B2)		Oxidized Rhiz	ospheres on	Living Roots	s (C3)	Saturation \	/isible on Aerial Imagery (C9)
Drift D	eposits (B3)		Presence of R	Reduced Iron	(C4)		X Stunted or S	Stressed Plants (D1)
Algal N	Mat or Crust (B4)		Recent Iron R	eduction in 1	Filled Soils (C	26)	X Geomorphic	Position (D2)
Iron De	eposits (B5)		Thin Muck Su	rface (C7)			X FAC-Neutra	l Test (D5)
Inunda	ation Visible on Aerial Ima	igery (B7)	Gauge or Wel	ll Data (D9)				
Sparse	ely Vegetated Concave S	urface (B8)	Other (Explain	n in Remarks	s)			
Field Obser	vations:							
Surface Wa	ter Present?	Yes No X	Depth (inches):	N/A				
Water Table	e Present?	Yes No X	Depth (inches):	N/A				
Saturation F	Present?	Yes No X	Depth (inches):	N/A	Wetland	Hydrolog	gy Present?	Yes X No
(includes ca	pillary fringe)							
Describe Re	ecorded Data (stream gai	uge, monitoring w	ell, aerial photos, pre	vious inspec	tions), if ava	ilable:		
Remarks:								

Project/Site:	Pleasant Prairie							City/Count	y: Galloway/Fran	klin	Sampling Date: 10/1/2020
Applicant/Owner:	Inenergy							Stat	e: OH	Sampling Point:	dp034
Investigator(s):	B Hess								Section, Towns	hip, Range: N/A	
Landform (hillslope,	terrace, etc.):		Summit						Lo	cal relief (concave, convex, none):	none
Slope (%):	0%	Lat:		39.9393	ı			Long:		-83.2141	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	am, 0 to 2 pe	ercent slopes (Ko)						NWI classifi	ication: None
Are climatic / hydrol	ogic conditions on the	site typical	for this time of year	ar?				Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	sign	ificantly dist	urbed?	Are "Norn	nal Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydrology	N	natu	rally probler	natic?	(If needed	d, explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ach site r	nap showing	sampling point I	ocations	s, trans	sects, im	portant featu	res, etc.		
Hydrophytic Veg	getation Present?			Yes		No	X	Is the	e Sampled A	rea	
Hydric Soil Pres	sent?			Yes x		No		withi	n a Wetland	? Yes	No <u></u>
Wetland Hydrol	ogy Present?			Yes		No_	X				
Remarks:	Use scientific	names of	plants.								
1202			piulito.				Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)					_	% Cover	Species?	Status	Dominance Test worksheet:	
1.											
2.										Number of Dominant Species	
3.										That Are OBL, FACW, or FAC:	1 (A)
4.											
5.										Total Number of Dominant	
								= Total Cover		Species Across All Strata:	(B)
										.	
Sapling/Shrub Strate	um (Plot size: 15' radi	us)								Percent of Dominant Species	
1										That Are OBL, FACW, or FAC:	(A/B)
2.											
3.										.	
4.										Prevalence Index worksheet:	
5.										.	
								- Total Cover		Total % Cover of:	Multiply by:
										That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	_			-						OBL species	x1 =
Echinochloa cru	-						40%	Yes	FACW	FACW species 45%	x2 = 0.90
2. Hibiscus trionum	n					— –	45%	Yes	UPL	FAC species 20%	x3 = 0.60
Setaria pumila Panicum dichoto	M						20%	No No	FAC	FACU species	x4 =
4. Panicum dichote	omitiorum					— –	5%	No	FACW	UPL species 45%	x5 = 2.25
5										Column Totals: 110%	(A) 3.75 (B)
6											0.44
·										Prevalence Index = E	B/A = 3.41
°.						— –					
9											•
11.										Hydrophytic Vegetation Indicat	lors:
12.										1. Panid Test for Hudron	abutio Vegetation
										1-Rapid Test for Hydrop	
13										2-Dominance Test is >5 3-Prevalence Index is ≤	
15.										· I —	ations ¹ (Provide supporting
16.										data in Remarks or on	
17.											ic Vegetation ¹ (Explain)
18.										· —	(
19.										Indicators of hydric soil and wetl	and hydrology must
20.										be present, unless disturbed or p	
							110%	= Total Cover		· Prosont, unless disturbed of p	newworld Market
							11070	- Total Cover		·	
Woody Vine Stratun	n (Plot size: 30' radiu	5)								. Hydrophytic	
										Vegetation	
2.											No _X
								= Total Cover		.	
						-					
Remarks: (Include	photo numbers here o	r on a senar	ate sheet)							1	
, and the first	,	a sopai									

rofile Desc	cription: (Describe to t	he depth nee	ded to document the i	ndicator or co	onfirm the a	bsence o	f indicators.)	
Depth	Matrix			dox Features			,	
inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-18"	10YR 3/1	90	10YR 4/4	10			Clay Loam	
						2		
	Concentration, D=Depleti Indicators ³ :	ion, RM=Redu	iced Matrix, CS=Covere	ed or Coated S	Sand Grains		on: PL=Pore Linir	
	ol (A1)		Sandy Glay	ed Matrix (S4)		165	-	anese Masses (F12)
	Epipedon (A2)		Sandy Red	, ,				low Dark Surface (F22)
	Histic (A3)		Stripped Ma					plain in Remarks)
	gen Sulfide (A4)		Dark Surface	, ,			Other (EX	plain in Nemarks)
	ed Layers (A5)			ky Mineral (F1)			
	fuck (A10)			ed Matrix (F2)	•			
	ed Below Dark Surface ((A11)	Depleted M					
	Dark Surface (A12)	(,		Surface (F6)			³ The hydric soil	indicators have been updated to
	Mucky Mineral (S1)			ark Surface (F	7)		-	the Field Indicators of Hydric Soils
_ ′	flucky Peat or Peat (S3)			ressions (F8)	• /			States, Version 8.0, 2016.
	, , ,							
ectrictive	aver (if observed):							
	Layer (if observed):							
Туре:	Layer (if observed):					Hydric	Soil Present?	Yes X No
Type:						Hydric	Soil Present?	
Type: _ Depth (emarks:	inches):					Hydric	Soil Present?	
Type: _ Depth (inches):					Hydric	Soil Present?	
Type: _ Depth (emarks: YDROL	OGY drology Indicators:	is required: ch	neck all that apply)			Hydric	T	Yes X No
Type: Depth (pemarks: YDROL Vetland Hy Primary Indi	OGY drology Indicators: cators (minimum of one	is required: ch		ed Leaves (B	9)	Hydric	Secondary Indic	Yes X No
Type: _ Depth (emarks: YDROL Tetland Hy rimary Indi Surfac	OGY drology Indicators: cators (minimum of one e Water (A1)	is required: ch	Water-Stain	ned Leaves (BS	9)	Hydric	Secondary Indic	Yes X No
Type: _ Depth (emarks: YDROL fetland Hy rimary Indi Surfac High V	OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2)	is required: ch	Water-Stain Aquatic Fau	ına (B13)		Hydric	Secondary Indic X Surface S Drainage	Yes X No
Type: _ Depth (emarks: YDROL Vetland Hy Irimary Indi Surfac High V Satura	OGY drology Indicators: cators (minimum of one e Water (A1)	is required: ch	Water-Stain Aquatic Fau True Aquati			Hydric	Secondary India X Surface S Drainage Dry-Seaso	Yes X No
Type: _ Depth (emarks: YDROL fetland Hy rimary Indi Surfac High V Satura Water	OGY drology Indicators: cators (minimum of one e Water (A1) //ater Table (A2) tion (A3)	is required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S	ina (B13) c Plants (B14)	1)		Secondary India X Surface S Drainage Dry-Sease Crayfish E	Yes X No
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1)	is required: ch	Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ina (B13) c Plants (B14) ulfide Odor (C	1) Living Roo		Secondary Indic X Surface S Drainage Dry-Sease Crayfish E Saturation	Yes X No
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) //ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3)	is required: ch	Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or	1) Living Roo (C4)	ts (C3)	Secondary Indic X Surface S Drainage Dry-Sease Crayfish E Saturatior Stunted o	Yes X No
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2)	is required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iron	1) Living Roo (C4)	ts (C3)	Secondary Indic X Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o Geomorpi	rators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) o Visible on Aerial Imagery (C9) or Stressed Plants (D1)
Type: _ Depth (emarks: YDROL /etland Hy /etimary Indi Surfac High V Satura Water Sedim Drift D Algal M Iron Do	drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5)		Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence of Recent Iron Thin Muck S	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in	1) Living Roo (C4)	ts (C3)	Secondary Indic X Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o Geomorpi	rators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) of Visible on Aerial Imagery (C9) or Stressed Plants (D1) onic Position (D2)
Type: _ Depth (emarks: YDROL /etland Hy rimary Indi Surfac High V Satura Water Sedim Drift D Algal M Iron De	OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4)	agery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence of Recent Iron Thin Muck S Gauge or W	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7)	1) Living Roo (C4) Tilled Soils (ts (C3)	Secondary Indic X Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o Geomorpi	rators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) of Visible on Aerial Imagery (C9) or Stressed Plants (D1) onic Position (D2)
Type: Depth (Pemarks: YDROL Vetland Hy Primary Indi Surfac High V Satura Water Sedim Drift D Algal N Iron Do Inunda Sparse	oGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Vat or Crust (B4) eposits (B5) etion Visible on Aerial Imagely Vegetated Concave S	agery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence of Recent Iron Thin Muck S Gauge or W	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Gurface (C7) /ell Data (D9)	1) Living Roo (C4) Tilled Soils (ts (C3)	Secondary Indic X Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o Geomorpi	rators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) of Visible on Aerial Imagery (C9) or Stressed Plants (D1) onic Position (D2)
Type: Depth (pemarks: YDROL /etland Hy Primary Indi Surface High V Satura Water Sedim Drift D Algal N Iron Do Inunda Sparse ield Obser	oGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Vat or Crust (B4) eposits (B5) tion Visible on Aerial Imagely Vegetated Concave Sevations:	agery (B7) Surface (B8)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expl.)	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) /ell Data (D9) ain in Remarks	1) Living Roo (C4) Filled Soils (ts (C3)	Secondary Indic X Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o Geomorpi	rators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) of Visible on Aerial Imagery (C9) or Stressed Plants (D1) onic Position (D2)
Type: Depth (pemarks: YDROL /etland Hy Primary Indi Surface High V Satura Water Sedim Drift D Algal N Iron Do Inunda Sparse Surface Wa	inches): OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Vat or Crust (B4) eposits (B5) tion Visible on Aerial Imagely Vegetated Concave Selvations: ter Present?	agery (B7) Surface (B8)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence of Recent Iron Thin Muck S Gauge or W	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) /ell Data (D9) ain in Remarks	1) Living Roo (C4) Filled Soils (ts (C3)	Secondary Indic X Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o Geomorpi	rators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) of Visible on Aerial Imagery (C9) or Stressed Plants (D1) onic Position (D2)
Type:	oGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Vat or Crust (B4) eposits (B5) tion Visible on Aerial Imagely Vegetated Concave Selvations: ter Present?	agery (B7) Surface (B8) Yes No	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence of Recent Iron Thin Muck S Gauge or W Other (Expl.)	ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) /ell Data (D9) ain in Remarks s): N/A N/A	1) Living Roo (C4) Tilled Soils (ts (C3)	Secondary Indic X Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o Geomorpi	rators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) of Visible on Aerial Imagery (C9) or Stressed Plants (D1) onic Position (D2)

Project/Site:	Pleasant Prairie					City/County	: Galloway/Frank	din	Sampling Date: 10/1/2020
Applicant/Owner:	Inenergy					State	: OH	Sampling Point:	dp035
Investigator(s):	B Hess						Section, Townsh	ip, Range: N/A	***
Landform (hillslope,	terrace, etc.):	Summit					Loc	al relief (concave, convex, none): r	none
Slope (%):	0%	Lat:	39.9391			Long:		-83.209	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loar	n, 0 to 2 percent slopes	(Ko)					NWI classifi	cation: None
Are climatic / hydrol	ogic conditions on the	ite typical for this time of	of year?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology	N s	ignificantly distu	urbed?	Are "Norm	al Circumstances" present?	YesX_ No
Are Vegetation	N	, Soil N	, or Hydrology	N n	aturally problem	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site map show	ing sampling point lo	cations, tra	nsects, imp	ortant featu	res, etc.		
Hydrophytic Veg	getation Present?		Yes	No	х	Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?		Yes x	No		withi	n a Wetland?	Yes	No <u>x</u> _
Wetland Hydrol	ogy Present?		Yes	No	X				
Remarks: VEGETATION -	Use scientific n	ames of plants.							
		•			Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)				% Cover	Species?	Status	Dominance Test worksheet:	
1.									
2.								Number of Dominant Species	
3.								That Are OBL, FACW, or FAC:	(A)
4									
5								Total Number of Dominant	
						= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radiu	s)						Percent of Dominant Species	
1								That Are OBL, FACW, or FAC:	(A/B)
2.									
3									
4								Prevalence Index worksheet:	
5.						T		Total N. Commont	Mallistation
						- Total Cover		Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by:
Herb Stratum (Plot	size: 5' radius)							OBL species	x1 =
Glycine max					80%	Yes	UPL	FACW species 1%	x2 = 0.02
2. Echinochloa cru	ış-qalli				1%	No	FACW	FAC species	x3 =
3.								FACU species	x4 =
4.								UPL species 80%	x5 = 4.00
5.								Column Totals: 81%	(A) 4.02 (B)
6.									
7.								Prevalence Index = E	8/A = 4.96
8.									
9.									
10.								Hydrophytic Vegetation Indicat	ors:
11.									
12.								1-Rapid Test for Hydrop	phytic Vegetation
13.								2-Dominance Test is >5	0%
14.								3-Prevalence Index is ≤	3.0 ¹
15.								4-Morphological Adapta	tions ¹ (Provide supporting
16.								data in Remarks or on a	a separate sheet)
17.								Problematic Hydrophyti	c Vegetation ¹ (Explain)
18.									
19.								¹ Indicators of hydric soil and wetle	and hydrology must
20.								be present, unless disturbed or p	problematic.
					81%	= Total Cover			
Woody Vine Stratun	n (Plot size: 30' radius)						Hydrophytic	
1								Vegetation	
2.								Present? Yes_	No X
						= Total Cover			
Remarks: (Include	photo numbers here or	on a separate sheet.)							

SOIL							Samı	oling Point:	dp035	
	erintion: (Describe to	the denth ne	eded to document the in	ndicator or co	onfirm the a	hsence o	10000000			
Depth	Matrix	the depth he		dox Features	minim the u	bacilloc o	i iliaicators.,			
(inches)	Color (moist)	———— — %	Color (moist)	%	Type ¹	Loc ²	Texture	Rer	marks	
0-8"	10YR 3/1	100	Color (molety		- 7/2-		Clay Loam			
8-18"	10YR 4/1	90	10YR 6/4	10			Clay Loam			
							· —— -			
				- —						
1=		tion DM-Dod				21	DI I ii	M-M-t-i		
Hydric Soil		tion, Rivi=Red	uced Matrix, CS=Covere	ed or Coated S	and Grains.		on: PL=Pore Lining			
Histos			Sandy Gleve	ed Matrix (S4)		ies	•	nese Masses (F12	2)	
	Epipedon (A2)		Sandy Redo	, ,				w Dark Surface (F	-	
	Histic (A3)		Stripped Ma					ain in Remarks)		
— Hydrog	gen Sulfide (A4)		Dark Surfac	, ,				,		
Stratifi	ed Layers (A5)		Loamy Mucl	ky Mineral (F1))					
2 cm N	luck (A10)		Loamy Gley	ed Matrix (F2)						
	ed Below Dark Surface	(A11)	X Depleted Ma							
	Dark Surface (A12)			Surface (F6)			³ The hydric soil in			
	Mucky Mineral (S1)			ark Surface (F7	7)			e Field Indicators	•	ils
5 cm N	lucky Peat or Peat (S3)		Redox Depr	essions (F8)			in the United S	States, Version 8.0), 2016.	
Restrictive	Layer (if observed):									
Туре:			_							
Туре:	Layer (if observed): inches):					Hydric	Soil Present?	Yes X	No	
Туре:			-			Hydric	Soil Present?	Yes X	No	
Type: _ Depth (-			Hydric	Soil Present?	Yes X	No	
Type: _ Depth (-			Hydric	Soil Present?	Yes X	No	
Type: _ Depth (-			Hydric	Soil Present?	Yes X	No	
Type: _ Depth (Remarks:	inches):		-			Hydric	Soil Present?	Yes X	No	
Type: _ Depth (Remarks:	inches):		-			Hydric	Soil Present?	Yes X	No	
Type:	inches):		-			Hydric	Soil Present?	Yes X	No	
Type:	OGY drology Indicators: cators (minimum of one	e is required∶ c				Hydric	Secondary Indicat	tors (minimum of t)
Type:	OGY drology Indicators:	e is required: c		ed Leaves (B9	9)	Hydric	Secondary Indicat)
Type: _ Depth (Remarks: HYDROL Wetland Hy Primary Indi Surfac	OGY drology Indicators: cators (minimum of one	e is required: c			9)	Hydric	Secondary Indicat Surface Soi	tors (minimum of t I Cracks (B6) atterns (B10)	wo required)
Type: _ Depth (Remarks: HYDROL Wetland Hy Primary Indi Surfac High W Satura	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3)	e is required: c	Water-Stain Aquatic Fau True Aquatic	na (B13) c Plants (B14)		Hydric	Secondary Indicat Surface Soi Drainage Pa	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2)	wo required)
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1)	e is required: c	Water-Stain Aquatic Fau True Aquati Hydrogen S	na (B13) c Plants (B14) ulfide Odor (C	1)		Secondary Indical Surface Soi Drainage Pa Dry-Season Crayfish Bu	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8)	wo required)
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2)	e is required: o	Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh	na (B13) c Plants (B14) ulfide Odor (C izospheres on	1) Living Root		Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \	tors (minimum of t I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial In	wo required)
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3)	e is required: c	Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of	na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron	1) Living Root (C4)	es (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D	wo required)
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4)	e is required: c	Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron	na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in T	1) Living Root (C4)	es (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S Geomorphic	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D © Position (D2)	wo required)
Type:	oGY drology Indicators: cators (minimum of one e Water (A1) //ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5)	·	Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck Si	na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in T	1) Living Root (C4)	es (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D © Position (D2)	wo required)
Type:	oGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial In	nagery (B7)	Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in 1 Surface (C7) ell Data (D9)	1) Living Root (C4) Filled Soils (es (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S Geomorphic	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D © Position (D2)	wo required)
Type:	oGY drology Indicators: cators (minimum of one e Water (A1) //ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5)	nagery (B7)	Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in T	1) Living Root (C4) Filled Soils (es (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S Geomorphic	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D © Position (D2)	wo required)
Type: Depth (Remarks: HYDROL Wetland Hyr Primary Indi Surfac High W Satura Water Sedim Drift Dr Algal N Iron De Inunda Sparse Field Obser	oGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial In ely Vegetated Concave vations:	nagery (B7) Surface (B8)	Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck Si Gauge or W Other (Explain	na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in T Surface (C7) ell Data (D9) ain in Remarks	1) Living Root (C4) Filled Soils (es (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S Geomorphic	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D © Position (D2)	wo required)
Type: Depth (Remarks: HYDROL Wetland Hyr Primary Indi Surface High W Satura Water Sedim Drift Dr Algal N Iron De Inunda Sparsee Surface Wa	oGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial In ely Vegetated Concave vations: ter Present?	nagery (B7) Surface (B8) Yes No	Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in T Surface (C7) ell Data (D9) ain in Remarks	1) Living Root (C4) Filled Soils (es (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S Geomorphic	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D © Position (D2)	wo required)
Type: Depth (Remarks: HYDROL Wetland Hyr Primary Indi Surfac High W Satura Water Sedim Drift Dr Algal N Iron De Inunda Sparse Field Obser	oGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial In ely Vegetated Concave vations: ter Present?	nagery (B7) Surface (B8) Yes No Yes No	Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in 7 Surface (C7) ell Data (D9) ain in Remarks c): N/A N/A	1) Living Root (C4) Filled Soils (rs (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S Geomorphic	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D © Position (D2)	wo required	x

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

Project/Site:	Pleasant Prairie							City/County	: Galloway/Frank	din	Sampling Date: 10/1/2020
Applicant/Owner:	Inenergy							State	: ОН	Sampling Point:	dp036
Investigator(s):	B Hess								Section, Townsh	nip, Range: N/A	***
Landform (hillslope,	terrace, etc.):		Toeslope						Loc	cal relief (concave, convex, none):	concave
Slope (%):	0%	Lat:			39.9386			Long:		-83.2066	Datum: NAD83 UTM16N
Soil Map Unit Name	: Carlisle muck (Cc)									NWI classifi	cation: PEM1F
Are climatic / hydrol	ogic conditions on the	site typical	for this time of ye	ear?				Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydro	ology	N	significantly dist	urbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydro	ology	N	naturally probler	matic?	(If needed,	, explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ach site i	nap showing	g sampling	point lo	cations, t	transects, im	portant featur	es, etc.		
Hydrophytic Veg	getation Present?			Yes	X	1	No	Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?			Yes	Х	1	No	withir	n a Wetland?	Yes x	No
Wetland Hydrol	ogy Present?			Yes	X	1	No				
Remarks:											
VEGETATION -	Use scientific	names of	plants.				Absolute	Dit	Indianta.		
Tree Stratum (Plot	size: 30' radius)						Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
Gleditsia triacar							20%	Yes	FACU	Dominance rest worksheet.	
2. Populus deltoide							20%	Yes	FAC	Number of Dominant Species	
3.										That Are OBL, FACW, or FAC:	3 (A)
4.								- —			
5.										Total Number of Dominant	
							40%	= Total Cover		Species Across All Strata:	4 (B)
Sapling/Shrub Strate	um (Plot size: 15' radi	us)								Percent of Dominant Species	
1.										That Are OBL, FACW, or FAC:	75% (A/B)
2.											
3.											
4.										Prevalence Index worksheet:	
5.											
								- Total Cover		Total % Cover of:	Multiply by:
										That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)			_						OBL species 70%	x1 = 0.70
Persicaria ampl	hibia						70%	Yes	OBL	FACW species 50%	x2 = 1.00
2. Echinochloa cru							30%	Yes	FACW	FAC species 40%	x3 = 1.20
3. Phalaris arundir							20%	No	FACW	FACU species 20%	x4 = 0.80
4. Xanthium strum	arium						20%	No	FAC	UPL species	x5 =
5.										Column Totals: 180%	(A) 3.70 (B)
6											
7								. ——		Prevalence Index = E	B/A = 2.06
°.											
9										I be described by the sector of the sector o	
11.										Hydrophytic Vegetation Indicat	iors.
12.								. ——		1-Rapid Test for Hydrop	shytic Vegetation
13.								. ——		X 2-Dominance Test is >5	
14.								· ——		x 3-Prevalence Index is ≤	
15.										_	tions ¹ (Provide supporting
16.										data in Remarks or on	
17.										1	ic Vegetation ¹ (Explain)
18.							_			_	, , ,
19.										¹ Indicators of hydric soil and wetl	and hydrology must
20.										be present, unless disturbed or p	
							140%	= Total Cover			
							21070				
Woody Vine Stratun	n (Plot size: 30' radiu	s)								Hydrophytic	
1.	_	-								Vegetation	
2.										1 -	X No
								= Total Cover		1	
								•			
Remarks: (Include)	photo numbers here o	r on a separ	ate sheet.)							•	

rofile Des	cription: (Describe to t	he denth nee	ded to document the i	ndicator or c	onfirm the a	bsence o	f indicators)	
Depth	Matrix	ne deptir nee		dox Features	ommin the c	bacilloc o	i indicators.,	
inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-20"	10YR 2/1	98	10YR 3/4	2	C	PL	Loam	
0-20	1011(2)1		1011(3/4				Loan	
	Concentration, D=Depleti	ion, RM=Redu	uced Matrix, CS=Covere	ed or Coated	Sand Grains		on: PL=Pore Linin	
-	Indicators ³ :					Tes	t Indicators of Hyd	
	ol (A1)			ed Matrix (S4))			anese Masses (F12)
	Epipedon (A2)		Sandy Redo	, ,				ow Dark Surface (F22)
	Histic (A3)		Stripped Ma	, ,			Other (Exp	olain in Remarks)
	gen Sulfide (A4) led Layers (A5)		Dark Surfac	e (S7) ky Mineral (F1	1)			
	Muck (A10)			red Matrix (F2	,			
	ted Below Dark Surface ((A11)	Depleted M		,			
	Dark Surface (A12)	(/		Surface (F6)			³ The hydric soil	indicators have been updated to
	Mucky Mineral (S1)			ark Surface (F	7)		•	he Field Indicators of Hydric Soils
_ ′	Mucky Peat or Peat (S3)			ressions (F8)	,			States, Version 8.0, 2016.
estrictive	Layer (if observed):							
estrictive Type:	Layer (if observed):							
Type: Depth	Layer (if observed): (inches):					Hydric	Soil Present?	Yes X No
Type: Depth						Hydric	Soil Present?	Yes X No
Type: Depth	(inches):					Hydric	Soil Present?	Yes X No
Type: Depth Depth Type: Depth	OGY	is required; el	pock all that apply)			Hydric	T	
Type: Depth marks: YDROL fetland Hy primary Ind	OGY drology Indicators:	is required: ch		ed Leaves (B	9)	Hydric	Secondary Indic	ators (minimum of two required)
Type: Depth marks: YDROL rimary Ind Surface	OGY drology Indicators: icators (minimum of one be Water (A1)	is required: ch	Water-Stain	ned Leaves (B	9)	Hydric	Secondary Indic	ators (minimum of two required) oil Cracks (B6)
Type: Depth marks: YDROL fetland Hy rimary Ind Surfac High V	.OGY drology Indicators: icators (minimum of one we Water (A1) Vater Table (A2)	is required: ch	Water-Stain Aquatic Fau	ına (B13)		Hydric	Secondary Indic Surface S Drainage	ators (minimum of two required) bil Cracks (B6) Patterns (B10)
Type: Depth marks: YDROL fetland Hy rimary Ind Surface High V Satura	OGY drology Indicators: icators (minimum of one be Water (A1)	is required: ch	Water-Stain Aquatic Fau True Aquati)	Hydric	Secondary Indic Surface S Drainage Dry-Seaso	ators (minimum of two required) oil Cracks (B6)
Type: Depth marks: YDROL fetland Hy rimary Ind Surface High V Satura X Water	COGY Idrology Indicators: icators (minimum of one be Water (A1) Vater Table (A2) ition (A3)	is required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S	ina (B13) c Plants (B14) (1)		Secondary Indic Surface S Drainage Dry-Seasc Crayfish B	ators (minimum of two required) bil Cracks (B6) Patterns (B10) on Water Table (C2)
Type: Depth marks: YDROL etland Hy rimary Ind Surfac High V Satura X Water Sedim	COGY Idrology Indicators: icators (minimum of one be Water (A1) Vater Table (A2) tition (A3) Marks (B1)	is required: ch	Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ina (B13) c Plants (B14 ulfide Odor (C) (1) n Living Roo		Secondary Indic Surface S Drainage Dry-Seasc Crayfish B Saturation	ators (minimum of two required) bil Cracks (B6) Patterns (B10) bin Water Table (C2) urrows (C8)
Type: Depth marks: YDROL etland Hy rimary Ind Surfac High V Satura X Water Sedim Drift D	cinches): drology Indicators: icators (minimum of one be Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2)	is required: ch	Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ina (B13) c Plants (B14) ulfide Odor (C nizospheres o) c1) n Living Roo n (C4)	ts (C3)	Secondary Indic Surface S Drainage Dry-Seaso Crayfish B Saturation Stunted or	ators (minimum of two required) bil Cracks (B6) Patterns (B10) bin Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9)
Type: Depth marks: YDROL retland Hy rimary Ind Surfac High V Satura X Water Sedim Drift D Algal I	inches): OGY drology Indicators: icators (minimum of one be Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3)	is required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron	ina (B13) c Plants (B14 ulfide Odor (C nizospheres of f Reduced Iron) c1) n Living Roo n (C4)	ts (C3)	Secondary Indic Surface S Drainage Dry-Seasc Crayfish B Saturation Stunted or	ators (minimum of two required) bil Cracks (B6) Patterns (B10) by Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1)
Type: Depth Pemarks: YDROL Vetland Hy Verimary Ind Surfac High V Satura X Water Sedim Drift D Algal I Iron D	icators (minimum of one to Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4)		Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S	na (B13) c Plants (B14) ulfide Odor (C nizospheres of f Reduced Iron Reduction in) c1) n Living Roo n (C4)	ts (C3)	Secondary Indic Surface S Drainage Dry-Seasc Crayfish B Saturation Stunted or	ators (minimum of two required) bil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) bic Position (D2)
Type: Depth Permarks: YDROL Vetland Hy Primary Ind Surface High V Satura X Water Sedim Drift D Algal I Iron D Inunda	drology Indicators: icators (minimum of one to Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5)	agery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence of Recent Iron Thin Muck S Gauge or W	ina (B13) c Plants (B14 ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7)) c1) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S Drainage Dry-Seasc Crayfish B Saturation Stunted or	ators (minimum of two required) bil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) bic Position (D2)
Type: Depth Depth Primary Ind Surfac High V Satura X Water Sedim Drift D Algal I Iron D Inunda Sparse	COGY Idrology Indicators: Idr	agery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence of Recent Iron Thin Muck S Gauge or W	ina (B13) c Plants (B14 ulfide Odor (C nizospheres of f Reduced Iron Reduction in Surface (C7) /ell Data (D9)) c1) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S Drainage Dry-Seasc Crayfish B Saturation Stunted or	ators (minimum of two required) bil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) bic Position (D2)
Type: Depth	icators (minimum of one to Water (A1) Vater Table (A2) Intion (A3) Marks (B1) Inter to posits (B2) Interposits (B3) Mat or Crust (B4) Interposits (B5) Intion Visible on Aerial Imagely Vegetated Concave Servations:	agery (B7)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence of Recent Iron Thin Muck S Gauge or W	ina (B13) c Plants (B14 ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) fell Data (D9) ain in Remark) c1) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S Drainage Dry-Seasc Crayfish B Saturation Stunted or	ators (minimum of two required) bil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) bic Position (D2)
Type: Depth Depth Primary Ind Surface High V Satura X Water Sedim Drift D Iron D Inunda Sparse Surface Wa	icators (minimum of one to Water (A1) Vater Table (A2) Intion (A3) Marks (B1) Inter the to Deposits (B2) Interposits (B3) Mat or Crust (B4) Interposits (B5) Interposits (B5) Interposits (B5) Interposits (B6) Interposits (B7) Interposits (B8) In	agery (B7) Surface (B8)	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expl.)	ina (B13) c Plants (B14 ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) /ell Data (D9) ain in Remark) c1) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S Drainage Dry-Seasc Crayfish B Saturation Stunted or	ators (minimum of two required) bil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) bic Position (D2)
Type: Depth Depth emarks: IYDROL Vetland Hy Primary Ind Surfac High V Satura X Water Sedim Drift D Algal I Iron D Inunda Sparse ield Obser	icators (minimum of one te Water (A1) Vater Table (A2) Ittion (A3) Marks (B1) Ient Deposits (B2) Ieposits (B3) Mat or Crust (B4) Ieposits (B5) Intion Visible on Aerial Imagely Vegetated Concave Servations: Inter Present?	agery (B7) Surface (B8) Yes No Yes No	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence of Recent Iron Thin Muck S Gauge or W Other (Expl.)	ina (B13) c Plants (B14 ulfide Odor (C nizospheres of f Reduced Iron Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A N/A	n Living Room n (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S Drainage Dry-Seasc Crayfish B Saturation Stunted or	ators (minimum of two required) bil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) bic Position (D2)

Project/Site:	Pleasant Prairie							City/Coun	ty: Gallowa	ay/Frankl	in	Sampling Date: 10/1/2	2020
Applicant/Owner:	Inenergy							Sta	te: OH		Sampling Point:	dp037	
Investigator(s):	B Hess								Section,	Townshi	p, Range: N/A		
Landform (hillslope,	terrace, etc.):	Sun	nmit						_	Loca	al relief (concave, convex, none): n	one	
Slope (%):	0%	Lat:		39.936				Long:			83.2086	Datum: NAD83 UT	M16N
Soil Map Unit Name	: Kokomo silty clay loa	n, 0 to 2 percer	nt slopes (Ko)								NWI classifi	cation: none	
Are climatic / hydrole	ogic conditions on the	site typical for th	is time of year?					Ye	_ X	No	(If no, explain in Remarks.)		
Are Vegetation	N	, Soil	N	, or Hydrology	N	sign	ificantly dist	urbed?	Are	e "Norma	I Circumstances" present?	Yes X No	
Are Vegetation	N	, Soil	N	, or Hydrology	N	natu	rally probler	natic?	(If	needed,	explain any answers in Remarks.)		
SUMMARY OF	FINDINGS Atta	ch site map	showing sa	mpling point	locations	s, trans	sects, imp	ortant feat	ıres, etc	: .			
Hydrophytic Veg	getation Present?		,	Yes		No	X	Is th	e Sampl	led Are	a		
Hydric Soil Pres	sent?		•	Yes x		No _		with	in a Wet	tland?	Yes	No <u> x</u>	
Wetland Hydrol	ogy Present?		`	Yes	_	No_	X						
Remarks: VEGETATION -	Use scientific n	ames of pla	ınts.										
							Absolute	Dominant	Indic				
Tree Stratum (Plot	size: 30' radius)					_	% Cover	Species?	Stat	tus	Dominance Test worksheet:		
1													
2											Number of Dominant Species		
3											That Are OBL, FACW, or FAC:	0	(A)
4													
5									- —		Total Number of Dominant		
								= Total Cover			Species Across All Strata:	1	(B)
	um (Plot size: 15' radiu	s)									Percent of Dominant Species		
1											That Are OBL, FACW, or FAC:	0%	(A/B)
2													
3						— –			- —				
4						— –					Prevalence Index worksheet:		
5.								T-1-1 0	- —		T-1-10/ O	NA. W L. L.	
								= Total Cover			Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by	A/B
Herb Stratum (Plot	size: 5' radius)										OBL species	x1 =	745
1. Glycine max							80%	Yes	UF	DI .	FACW species	x2 =	
2.							0070	103			FAC species	x3 =	
3.											FACU species	x4 =	
4.											UPL species 80%	x5 = 4.00)
5.											Column Totals: 80%	(A) 4.00) (B)
6.													
7.											Prevalence Index = B	I/A = 5.00	
8.													
9.													
10.											Hydrophytic Vegetation Indicat	ors:	
11.													
12.											1-Rapid Test for Hydrop	hytic Vegetation	
13.											2-Dominance Test is >5	0%	
14.											3-Prevalence Index is ≤		
15.											4-Morphological Adapta	ions¹ (Provide support	ing
16.											data in Remarks or on a	separate sheet)	
17.											Problematic Hydrophyti	c Vegetation ¹ (Explain))
18.											—		
19.											¹ Indicators of hydric soil and wetla	and hydrology must	
20.											be present, unless disturbed or p	roblematic.	
							80%	= Total Cover					
Woody Vine Stratum	n (Plot size: 30' radius)									Hydrophytic		
1											Vegetation		
2.											Present? Yes_	NoX_	
								= Total Cover		_	·	_ _	
Remarks: (Include p	photo numbers here or	on a separate s	sheet.)										

Profile Desci	rintion: (Describe to the	e denth nee	ded to document the inc	dicator or cor	ofirm the a	hsence of	indicators)	ONE FOR Notice and Compare to Annual
Depth	Matrix	e deptii nee		ox Features	Illinin are a	ibaciloc o.	maioators.,	
(inches)	Color (moist)	~ ~	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-8"	10YR 3/1	100	Color (IIIC.C.)		. , , , ,		Clay Loam	Tomano
8-18"	10YR 4/2	90	10YR 4/6	10				
0-10	101K 4/2	90	10114/6	10	С	m	Clay Loam	-
		n, RM=Redu	uced Matrix, CS=Covered	or Coated Sa	and Grains.	. ² Locatio	on: PL=Pore Lin	ing, M=Matrix.
Hydric Soil II	ndicators ³ :					Test	Indicators of H	ydric Soils:
Histoso	` '		Sandy Gleyed	, ,				nganese Masses (F12)
	pipedon (A2)		Sandy Redox	, ,				allow Dark Surface (F22)
	listic (A3)		Stripped Matri	, ,			Other (E	xplain in Remarks)
	en Sulfide (A4)		Dark Surface					
	d Layers (A5)		Loamy Mucky					
	uck (A10) d Below Dark Surface (A	11)	Loamy Gleyed X Depleted Matr					
	ark Surface (A12)	(11)	Redox Dark S				3The hydric so	il indicators have been updated to
	Mucky Mineral (S1)		Depleted Dark	. ,	١		-	the Field Indicators of Hydric Soils
	ucky Peat or Peat (S3)		Redox Depres		,			d States, Version 8.0, 2016.
				3310113 (1 0)				
Restrictive L	ayer (if observed):		<u> </u>	3310113 (1 0)				
Restrictive L	ayer (if observed):			330113 (1 0)		Uvdria		
Restrictive L Type: _ Depth (ir	ayer (if observed):			3310113 (1 0)		Hydric	Soil Present?	Yes <u>X</u> No
Restrictive L	ayer (if observed):			saions (i o)		Hydric		
Restrictive L Type: _ Depth (ir	ayer (if observed):			3310113 (1 0)		Hydric		
Restrictive L Type: _ Depth (ir	ayer (if observed):			salons (i o)		Hydric		
Restrictive L Type: _ Depth (ir	ayer (if observed):			3310113 (1 0)		Hydric		
Restrictive L Type: _ Depth (ir emarks:	ayer (if observed):			3310113 (1 0)		Hydric		
Restrictive L Type: _ Depth (ir emarks:	ayer (if observed):			salons (i o)		Hydric		
Restrictive L Type: Depth (in	ayer (if observed):			3310113 (1 0)		Hydric	Soil Present?	Yes X No
Restrictive L Type: _ Depth (ii emarks: HYDROLO Wetland Hyd Primary Indic	DGY Irology Indicators: eators (minimum of one is	s required: cf				Hydric	Soil Present?	Yes X No
Restrictive L Type: _ Depth (ii emarks: HYDROLO Wetland Hyd Primary Indic	ayer (if observed): nches): OGY trology Indicators:	s required: ch	neck all that apply) Water-Stained			Hydric	Soil Present?	Yes X No
Restrictive L Type: _ Depth (in emarks: HYDROLO Wetland Hyd Primary Indic Surface	DGY Irology Indicators: eators (minimum of one is	s required: ch		d Leaves (B9)		Hydric	Soil Present?	Yes X No
Restrictive L Type: _ Depth (in emarks: HYDROLO Wetland Hyd Primary Indic Surface High W:	DGY Irology Indicators: eators (minimum of one is	s required: ch	Water-Stained	d Leaves (B9) a (B13)		Hydric	Soil Present? Secondary Ind Surface Drainage	Yes X Noicators (minimum of two required) Soil Cracks (B6)
Restrictive L Type: _ Depth (in emarks: HYDROLO Wetland Hyd Primary Indic Surface High Water Mater Ma	DGY Irology Indicators: eators (minimum of one is water (A1) ater Table (A2) ion (A3) Marks (B1)	s required: ch	Water-Stained Aquatic Fauna True Aquatic I Hydrogen Suli	d Leaves (B9) a (B13) Plants (B14) fide Odor (C1))		Secondary Ind Surface Drainage Dry-Seas Crayfish	Yes X No icators (minimum of two required) Soil Cracks (B6) Patterns (B10) son Water Table (C2) Burrows (C8)
Restrictive L Type: _ Depth (in demarks: HYDROLO Wetland Hyd Primary Indic Surface High Water N Sedime	DGY Irology Indicators: Eators (minimum of one is a Water (A1) ater Table (A2) ion (A3) Marks (B1) Int Deposits (B2)	s required: ch	Water-Stained Aquatic Fauna True Aquatic I Hydrogen Sult Oxidized Rhiz	d Leaves (B9) a (B13) Plants (B14) fide Odor (C1) ospheres on I) Living Roof		Secondary Ind Surface Drainage Dry-Seas Crayfish Saturatio	Yes X No icators (minimum of two required) Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9)
Restrictive L Type: _ Depth (ii demarks: HYDROLO Wetland Hyd Primary Indic Surface High W: Saturati Water M Sedime Drift De	DGY Irology Indicators: eators (minimum of one is water (A1) ater Table (A2) ion (A3) Marks (B1) nt Deposits (B2) posits (B3)	required: ch	Water-Stained Aquatic Fauna True Aquatic I Hydrogen Suli Oxidized Rhiz Presence of R	d Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on I Reduced Iron () Living Room (C4)	ts (C3)	Secondary Ind Surface Drainage Dry-Seas Crayfish Saturatic Stunted	Yes X No icators (minimum of two required) Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1)
Restrictive L Type: _ Depth (ii emarks: HYDROLO Wetland Hyd Primary Indic Surface High W: Saturati Water M Sedime Drift De Algal M:	DGY Irology Indicators: actors (minimum of one is water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) posits (B3) at or Crust (B4)	s required: ch	Water-Stained Aquatic Fauna True Aquatic I Hydrogen Suli Oxidized Rhiz Presence of R Recent Iron R	d Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on I Reduced Iron () Living Room (C4)	ts (C3)	Secondary Ind Surface Drainage Dry-Seas Crayfish Saturatio Stunted Geomory	Yes X No icators (minimum of two required) Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) or Stressed Plants (D1) Ohic Position (D2)
Restrictive L Type: _ Depth (ii emarks: HYDROLO Vetland Hyd Primary Indic Surface High W: Saturati Water N Sedime Drift De Algal M: Iron De	DGY Inches): In		Water-Stained Aquatic Fauna True Aquatic I Hydrogen Sulf Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su	d Leaves (B9) a (B13) Plants (B14) fide Odor (C1; cospheres on I Reduced Iron (deduction in Ti) Living Room (C4)	ts (C3)	Secondary Ind Surface Drainage Dry-Seas Crayfish Saturatio Stunted Geomory	Yes X No icators (minimum of two required) Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1)
Restrictive L Type: _ Depth (in emarks: IYDROLO Vetland Hyd Primary Indic Surface High W: Saturati Water N Sedime Drift De Algal M: Iron Dej Inundati	pogy Indicators: Eators (minimum of one is Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Image	gery (B7)	Water-Stained Aquatic Fauna True Aquatic I Hydrogen Suli Oxidized Rhiz Presence of R Recent Iron R	d Leaves (B9) a (B13) Plants (B14) fide Odor (C1; cospheres on I Reduced Iron (deduction in Ti) Living Room (C4)	ts (C3)	Secondary Ind Surface Drainage Dry-Sea: Crayfish Saturatic Stunted Geomory	Yes X No icators (minimum of two required) Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) or Stressed Plants (D1) Ohic Position (D2)
Restrictive L Type: _ Depth (in demarks: HYDROLO Wetland Hyd Primary Indic Surface High Water N Sedime Drift De Algal Malron Dep Inundati	DGY Inches): In	gery (B7)	Water-Stained Aquatic Fauna True Aquatic I Hydrogen Sulf Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su	d Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on I Reduced Iron (leduction in Ti lrface (C7)) Living Root (C4) Illed Soils (ts (C3)	Secondary Ind Surface Drainage Dry-Sea: Crayfish Saturatic Stunted Geomory	Yes X No icators (minimum of two required) Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) or Stressed Plants (D1) Ohic Position (D2)
Restrictive L Type: _ Depth (in Remarks: HYDROLO Wetland Hyd Primary Indic Surface High Water N Sedime Drift De Algal Malron Dep Inundati	DGY Irology Indicators: Eators (minimum of one is a Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Imag y Vegetated Concave Su	gery (B7)	Water-Stained Aquatic Fauna True Aquatic I Hydrogen Sult Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su Gauge or Wel	d Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on I Reduced Iron (leduction in Ti lrface (C7)) Living Root (C4) Illed Soils (ts (C3)	Secondary Ind Surface Drainage Dry-Sea: Crayfish Saturatic Stunted Geomory	Yes X No icators (minimum of two required) Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) or Stressed Plants (D1) Ohic Position (D2)
Restrictive L Type: _ Depth (ii Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W: Saturati Water M Sedime Drift De Algal M: Iron Dej Inundati Sparsel	DGY Irology Indicators: Lators (minimum of one is a Water (A1) Later Table (A2) Lon (A3) Marks (B1) Lon (A3) More (B3) Lon (B4) Lon (B4) Lon (B5) Lon (B5) Lon (Visible on Aerial Image Lon Visible on	gery (B7)	Water-Stained Aquatic Fauna True Aquatic I Hydrogen Sult Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su Gauge or Wel	d Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on I Reduced Iron (deduction in Ti rface (C7) Il Data (D9) n in Remarks)) Living Root (C4) Illed Soils (ts (C3)	Secondary Ind Surface Drainage Dry-Sea: Crayfish Saturatic Stunted Geomory	Yes X No icators (minimum of two required) Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) or Stressed Plants (D1) Ohic Position (D2)
Restrictive L Type: _ Depth (ii Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W: Saturati Water N Sedime Drift De Algal M: Iron Dej Inundati Sparsel	DGY Inches): In	gery (B7) urface (B8)	Water-Stained Aquatic Fauna True Aquatic I Hydrogen Sulf Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su Gauge or Wel Other (Explain	d Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on I Reduced Iron (eduction in Ti rface (C7) Il Data (D9) n in Remarks)) Living Root (C4) Illed Soils (ts (C3)	Secondary Ind Surface Drainage Dry-Sea: Crayfish Saturatic Stunted Geomory	Yes X No icators (minimum of two required) Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) or Stressed Plants (D1) Ohic Position (D2)

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

(includes capillary fringe)

Project/Site:	Pleasant Prairie					City/County	: Galloway/Frank	din	Sampling Date: 10/1/2020
Applicant/Owner:	Inenergy					State	: OH	Sampling Point:	dp038
Investigator(s):	B Hess						Section, Townsh	ip, Range: N/A	**
Landform (hillslope,	terrace, etc.):	Sumr	mit				Loc	cal relief (concave, convex, none):	none
Slope (%):	0%	Lat:	39.9359			Long:		-83.213	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 percent	slopes (Ko)					NWI classifi	cation: none
Are climatic / hydrol	ogic conditions on the	site typical for this	s time of year?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N , or Hydrology	N si	gnificantly distu	urbed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N , or Hydrology	N n	aturally problem	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site map	showing sampling point lo	cations, tra	nsects, imp	ortant featu	res, etc.		
Hydrophytic Veg	getation Present?		Yes	No	X	Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?		Yes x	No		withi	n a Wetland?	Yes	Nox
Wetland Hydrol	ogy Present?		Yes	No	X				
Remarks: VEGETATION -	Use scientific n	ames of plar	nts.						
					Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)				% Cover	Species?	Status	Dominance Test worksheet:	
1.									
2.								Number of Dominant Species	
3.								That Are OBL, FACW, or FAC:	1 (A)
4									
5								Total Number of Dominant	
						= Total Cover		Species Across All Strata:	(B)
Sapling/Shrub Strate	um (Plot size: 15' radio	is)						Percent of Dominant Species	
1								That Are OBL, FACW, or FAC:	(A/B)
2									
3.									
4								Prevalence Index worksheet:	
5.									
						= Total Cover		Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by: A/B
Herb Stratum (Plot	size: 5' radius)							OBL species	x1 =
Echinochloa cru	_				80%	Yes	FACW	FACW species 80%	x2 = 1.60
2. Sida spinosa	is-yaiii				50%	Yes	FACU	FAC species 10%	x3 = 0.30
Setaria pumila					10%	No	FAC	FACU species 50%	x4 = 2.00
4.								UPL species	x5 =
5								Column Totals: 140%	(A) 3.90 (B)
6.									
7.								Prevalence Index = E	B/A = 2.79
8.									
9.									
10.								Hydrophytic Vegetation Indicat	tors:
11.									
12.								1-Rapid Test for Hydrop	phytic Vegetation
13.								2-Dominance Test is >5	
14.								3-Prevalence Index is ≤	
15.								4-Morphological Adapta	tions ¹ (Provide supporting
16.								data in Remarks or on	a separate sheet)
17.								Problematic Hydrophyti	ic Vegetation ¹ (Explain)
18.									
19.								¹ Indicators of hydric soil and wetl	and hydrology must
20.								be present, unless disturbed or p	problematic.
					140%	= Total Cover			
Woody Vine Stratun	n (Plot size: 30' radius)						Hydrophytic	
1.								Vegetation	
2.								Present? Yes_	No X
						= Total Cover]	_
Remarks: (Include	photo numbers here or	on a separate sh	eet.)						

Profile Desci	ription: (Describe to t	he depth nee	ded to document the ir	ndicator or c	onfirm the a	bsence o	f indicators.)	
Depth	Matrix			dox Features			,	
(inches)	Color (moist)	<u></u> %	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-18"	10YR 3/1	95 95	10YR 3/4	5	c		Clay Loam	
		- — –		. ——				
		- — —		. ——				
		- — –						
1						2,	 -	
¹Type: C=Co lydric Soil Ir		ion, RM=Redi	uced Matrix, CS=Covere	d or Coated S	Sand Grains.		on: PL=Pore Lining	
-			Sandy Clays	ed Matrix (S4)		les	Indicators of Hydr	
Histosol	pipedon (A2)		Sandy Gleye	, ,)			nese Masses (F12) w Dark Surface (F22)
	istic (A3)		Stripped Mar					ain in Remarks)
	en Sulfide (A4)		Dark Surface	, ,				an in remaine,
	d Layers (A5)			y Mineral (F1	1)			
2 cm M	uck (A10)		Loamy Gleye	ed Matrix (F2)			
Deplete	d Below Dark Surface (A11)	Depleted Ma	atrix (F3)				
	ark Surface (A12)		X Redox Dark	Surface (F6)			³ The hydric soil in	dicators have been updated to
	Mucky Mineral (S1)			ırk Surface (F	7)			e Field Indicators of Hydric Soils
5 cm Mi	ucky Peat or Peat (S3)		Redox Depre	essions (F8)			in the United S	States , Version 8.0, 2016.
Restrictive L	ayer (if observed):							
Type:								
Depth (ir	nches):					Hydric	Soil Present?	Yes X No
	nches):					Hydric	Soil Present?	Yes X No
	nches):					Hydric	Soil Present?	Yes X No
	nches):					Hydric	Soil Present?	Yes X No
	nches):					Hydric	Soil Present?	Yes <u>X</u> No
	nches):					Hydric	Soil Present?	Yes <u>X</u> No
emarks:						Hydric	Soil Present?	Yes X No
emarks:	DGY					Hydric	Soil Present?	Yes <u>X</u> No
emarks:	DGY rology Indicators:	is required; cl	neck all that apply)			Hydric	3.	
emarks: IYDROLC Wetland Hyd Primary Indic	DGY rology Indicators: eators (minimum of one	is required: cl		ed Leaves (B	9)	Hydric	Secondary Indica	tors (minimum of two required)
emarks: HYDROLO Vetland Hyd Primary Indic Surface	DGY rology Indicators:	is required: cl		ed Leaves (B na (B13)	9)	Hydric	Secondary Indica	
emarks: HYDROLO Wetland Hyd Primary Indic Surface High W:	OGY rology Indicators: ators (minimum of one Water (A1)	is required: cl	Water-Staine Aquatic Fau			Hydric	Secondary Indica Surface Soi	tors (minimum of two required) I Cracks (B6)
emarks: HYDROLO Vetland Hyd Primary Indic Surface High Wa Saturati	OGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2)	is required: cl	Water-Staine Aquatic Fau True Aquatic	na (B13))	Hydric	Secondary Indica Surface Soi	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2)
emarks: HYDROLO Wetland Hyd Primary Indic Surface High Water Mater	rology Indicators: actors (minimum of one Water (A1) acter Table (A2) on (A3)	is required: cl	Water-Staind Aquatic Faul True Aquatic Hydrogen St	na (B13) c Plants (B14) (1)		Secondary Indica Surface Soi Drainage Pa	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2)
HYDROLO Wetland Hyd Primary Indic Surface High Water N Sedime	rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1)	is required: cl	Water-Staind Aquatic Faul True Aquatic Hydrogen St	na (B13) c Plants (B14 ulfide Odor (C) (1) n Living Root		Secondary Indica Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8)
emarks: HYDROLO Vetland Hyd Primary Indic Surface High W: Saturati Water M Sedime Drift De	rology Indicators: sators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2)	is required: cl	Water-Stain Aquatic Fau True Aquatic Hydrogen St Oxidized Rh Presence of	na (B13) c Plants (B14) ulfide Odor (C izospheres o) c1) n Living Root n (C4)	rs (C3)	Secondary Indica Surface Soi Drainage Porton Season Crayfish Bu Saturation Stunted or St	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9)
IYDROLO Wetland Hyd Primary Indic Surface High W: Saturati Water M Sedime Drift De Algal M:	rology Indicators: eators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3)	is required: cl	Water-Stain Aquatic Fau True Aquatic Hydrogen St Oxidized Rh Presence of	na (B13) c Plants (B14) ulfide Odor (C izospheres of Reduced Iron Reduction in) c1) n Living Root n (C4)	rs (C3)	Secondary Indica Surface Soi Drainage Porton Season Crayfish Bu Saturation Stunted or St	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1)
emarks: HYDROLO Vetland Hyd Primary Indic Surface High W: Saturati Water N. Sedime Drift De Algal M. Iron De	rology Indicators: sators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4)		Water-Staind Aquatic Faul True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S	na (B13) c Plants (B14) ulfide Odor (C izospheres of Reduced Iron Reduction in) c1) n Living Root n (C4)	rs (C3)	Secondary Indica Surface Soi Drainage Porton Season Crayfish But Saturation Stunted or Season	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1)
HYDROLO Wetland Hyd Primary Indic Surface High Water N Sedime Drift De Algal M. Iron Dej Inundati	rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5)	agery (B7)	Water-Staind Aquatic Faul True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	na (B13) c Plants (B14 ulfide Odor (C izospheres of Reduced Iron Reduction in Surface (C7)) c1) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface Soi Drainage Porton Season Crayfish But Saturation Stunted or Season	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1)
AYDROLO Wetland Hyd Primary Indic Surface High Water M Sedime Drift De Algal Mallon De Inundati Sparsel	rology Indicators: cators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Ima y Vegetated Concave S	agery (B7)	Water-Staind Aquatic Faul True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	na (B13) c Plants (B14 ulfide Odor (C izospheres of Reduced Iron Reduction in Gurface (C7) ell Data (D9)) c1) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface Soi Drainage Porton Season Crayfish But Saturation Stunted or Season	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1)
AYDROLO Wetland Hyd Primary Indic Surface High W: Saturati Water M Sedime Drift De Algal M: Iron De Inundati Sparsel	rology Indicators: cators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Ima y Vegetated Concave S	agery (B7)	Water-Staind Aquatic Faul True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	na (B13) c Plants (B14 ulfide Odor (C izospheres of Reduced Iron Reduction in Surface (C7) ell Data (D9) ain in Remark) c1) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface Soi Drainage Porton Season Crayfish But Saturation Stunted or Season	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1)
HYDROLO Wetland Hyd Primary Indic Surface High W: Saturati Water M Sedime Drift De Algal M: Iron Dej Inundati Sparsel	rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Ima y Vegetated Concave S rations: er Present?	agery (B7) Surface (B8)	Water-Stain Aquatic Faul True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	na (B13) c Plants (B14 ulfide Odor (C izospheres of Reduced Iron Reduction in Surface (C7) ell Data (D9) ain in Remark) c1) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface Soi Drainage Porton Season Crayfish But Saturation Stunted or Season	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1)
HYDROLO Wetland Hyd Primary Indic Surface High Wi Saturati Water N Sedime Drift De Algal Mi Iron Dej Inundati	or value (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Image yvegetated Concave Serations: are Present?	agery (B7) Surface (B8) Yes No Yes No	Water-Staind Aquatic Faul True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	na (B13) c Plants (B14 ulfide Odor (C izospheres of Reduced Iron Reduction in Surface (C7) ell Data (D9) ain in Remark b): N/A N/A) c1) n Living Root n (C4) Tilled Soils (i	rs (C3)	Secondary Indica Surface Soi Drainage Porton Season Crayfish But Saturation Stunted or Season	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1)

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

Project/Site:	Pleasant Prairie								City/County	: Grove City/Fra	nklin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy								State	: ОН	Sampling Point:	dp101
Investigator(s):	C Renskers									Section, Towns	hip, Range: N/A	**
Landform (hillslope,	terrace, etc.):		Summit							Lo	cal relief (concave, convex, none): co	oncave
Slope (%):	0%	Lat			39.8921				Long:		-83.1845	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 p	ercent slopes (Ko)							NWI classific	cation: PFO1A
Are climatic / hydrol	ogic conditions on the	site typical	for this time of	year?					Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hyd	drology	N	significant	distur	bed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hyd	drology	N	naturally p	oblema	atic?	(If needed	, explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ach site i	map showi	ng samplir	ng point le	ocations	s, transects	impo	ortant featur	res, etc.		
Hydrophytic Veg	getation Present?			Yes	X		No		Is the	Sampled A	rea	
Hydric Soil Pres	sent?			Yes	Х		No		withir	n a Wetland?	Yes x	No
Wetland Hydrol	ogy Present?			Yes_	X		No					
Remarks:												
VEGETATION -	Use scientific	names of	f plants.				Absol		Dominant	Indicator	1	
Tree Stratum (Plot	size: 30' radius)						% Co		Species?	Indicator Status	Dominance Test worksheet:	
Quercus palustr							159		Yes	FACW		
2.								_			Number of Dominant Species	
3.								_			That Are OBL, FACW, or FAC:	4 (A)
4.								_				
5.								_			Total Number of Dominant	
							159		Total Cover		Species Across All Strata:	4 (B)
Sapling/Shrub Strate	um (Plot size: 15' radi	us)									Percent of Dominant Species	
Quercus palustr	ris						159		Yes	FACW	That Are OBL, FACW, or FAC:	100% (A/B)
2. Acer saccharinu	um						159		Yes	FACW		
3.												
4.											Prevalence Index worksheet:	
5.												
							309		Total Cover		Total % Cover of:	Multiply by:
											That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)			_							OBL species	x1 =
Phalaris arundir	nacea						1009	<u> </u>	Yes	FACW	FACW species 150%	x2 = 3.00
Persicaria lapat	hifolia						5%		No	FACW	FAC species	x3 =
3.								_			FACU species	x4 =
4								_			UPL species	x5 =
5								_			Column Totals: 150%	(A) 3.00 (B)
6								_				
7								_			Prevalence Index = B	A/A = 2.00
°.								_				
9								_			I buda a buda a Manadada a bada a bada a ba	
11.								_			Hydrophytic Vegetation Indicate	ors:
12.								_			X 1-Rapid Test for Hydroph	hytic Vegetation
13.								_			X 2-Dominance Test is >50	
14.								_			x 3-Prevalence Index is ≤3	
15.								_			I —	tions ¹ (Provide supporting
16.								_			data in Remarks or on a	
17.								_			Problematic Hydrophytic	
18.								_			—	
19.								_			¹ Indicators of hydric soil and wetla	and hydrology must
20.								_			be present, unless disturbed or pr	
							1059	<u> </u>	Total Cover			
Woody Vine Stratun	n (Plot size: 30' radiu	s)									Hydrophytic	
1.											Vegetation	
2.								_				X No
									Total Cover		_	
Remarks: (Include)	photo numbers here o	r on a sepa	rate sheet.)									

SOIL							Samp	oling Point:	dp101
1		he depth ne	eded to document the ir			absence o	f indicators.)		
Depth	Matrix			dox Features		. 2		_	
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Texture	R	Remarks
0-8"	10YR 3/2	95	10YR 5/8	5	c	m	Clay Loam		
8-16"	10YR 4/2	97	10YR 5/6	3	c	m	Clay Loam		
1Type: C=C	Concentration D=Depleti	on RM=Red	luced Matrix, CS=Covere	d or Coated	Sand Grains	² l ocat	ion: PL=Pore Lining,	M=Matrix	
Hydric Soil		on, ravi–raed	doed Matrix, CO-Covere	d or coated	Odrid Ordins.		t Indicators of Hydr		
Histoso			Sandy Gleye	ed Matrix (S4)		•	nese Masses (F	(12)
_	Epipedon (A2)		Sandy Redo	•	,			w Dark Surface	,
_	Histic (A3)		Stripped Mat	, ,				ain in Remarks)	, ,
Hydrog	en Sulfide (A4)		Dark Surface	e (S7)				,	
Stratifie	ed Layers (A5)		Loamy Muck	y Mineral (F	1)				
2 cm N	luck (A10)		Loamy Gleye	ed Matrix (F2	2)				
X Deplete	ed Below Dark Surface (A11)	X Depleted Ma	ıtrix (F3)					
Thick [Dark Surface (A12)		X Redox Dark	Surface (F6))		³ The hydric soil in	dicators have be	een updated to
Sandy	Mucky Mineral (S1)		Depleted Da	rk Surface (F	- 7)		comply with the	e Field Indicator	rs of Hydric Soils
5 cm M	lucky Peat or Peat (S3)		X Redox Depre	essions (F8)			in the United S	tates, Version 8	3.0, 2016.
Restrictive I	_ayer (if observed):								

Restrictive Layer (if observed):			
Type: Depth (inches):	Нус	dric Soil Present?	Yes X No
Remarks:			
HYDROLOGY			
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check and surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)	all that apply) Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C1) X Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Gauge or Well Data (D9) Other (Explain in Remarks)	Surface Soil (Drainage Patt Dry-Season V Crayfish Burro Saturation Vis	terns (B10) Nater Table (C2) ows (C8) sible on Aerial Imagery (C9) rressed Plants (D1) Position (D2)
Field Observations: Surface Water Present? Yes No X Water Table Present? Yes No X Saturation Present? Yes No X (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring we	· · · · · · · · · ·	ology Present?	Yes <u>X</u> No

Project/Site:	Pleasant Prairie							City/Count	ty: Grove City/Fra	nklin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy							Stat	e: OH	Sampling Point:	dp102
Investigator(s):	C Renskers								Section, Towns	hip, Range: N/A	
Landform (hillslope,	terrace, etc.):		Summit						Lo	cal relief (concave, convex, none):	none
Slope (%):	0%	Lat:		39.892				Long:		-83.1844	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	am, 0 to 2 pe	ercent slopes (Ko)						NWI classif	ication: none
Are climatic / hydrol	ogic conditions on the	site typical	for this time of ye	ar?				Yes	X No	(If no, explain in Remarks.)	•
Are Vegetation	N	, Soil	N	, or Hydrology	N	signi	ficantly dist	urbed?	Are "Norn	nal Circumstances" present?	Yes _ X _ No
Are Vegetation	N	, Soil	N	, or Hydrology	N	natu	rally probler	natic?	(If needed	l, explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Att	ach site r	nap showing	sampling point I	ocations	, trans	ects, imp	ortant featu	ıres, etc.		
Hydrophytic Ved	getation Present?			Yes		No	Х	Is the	e Sampled A	rea	
Hydric Soil Pres				Yes x		No			in a Wetland1		Nox
Wetland Hydrol	ogy Present?			Yes		No	Х				_
Remarks:											
VEGETATION -	Use scientific	names of	plants.								
Tree Stratum (Plot	size: 30' radius)						Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1.	size. 50 Tadids)					_	70 COVE	opecies:	Status	Dominance rest worksheet.	
1.										Number of Dominant Species	
2										That Are OBL, FACW, or FAC:	1 (A)
J										Illat Ale OBL, FACW, OF FAC.	(^/
5.										Total Number of Dominant	
·								= Total Cover		Species Across All Strata:	2 (B)
								- 10101 00101		opocios Across Air citata.	
Sapling/Shrub Strate	um (Plot size: 15' rad	ius)								Percent of Dominant Species	
1.		,								That Are OBL, FACW, or FAC:	50% (A/B)
2.											
3.											
4.										Prevalence Index worksheet:	
5.											
								= Total Cover		Total % Cover of:	Multiply by:
								•		That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)			_						OBL species	x1 =
1. Phalaris arundir	nacea						40%	Yes	FACW	FACW species 46%	x2 = 0.92
2. Glycine max							40%	Yes	UPL	FAC species 5%	x3 = 0.15
3. Sida spinosa							10%	No	FACU	FACU species 10%	x4 = 0.40
4. Setaria glauca							5%	No	FAC	UPL species 45%	x5 = 2.25
5. Hibiscus trionur	n						5%	No	UPL	Column Totals: 106%	(A) 3.72 (B)
6. Cyperus escule	ntus						3%	No	FACW		
7. Panicum dichot	omiflorum						3%	No	FACW	Prevalence Index =	B/A = 3.51
8.											
9											
10.										Hydrophytic Vegetation Indica	tors:
11.											
12.										1-Rapid Test for Hydro	phytic Vegetation
13.										2-Dominance Test is >	
14										3-Prevalence Index is s	
15										<u> </u>	ations ¹ (Provide supporting
16										data in Remarks or on	
17										Problematic Hydrophyt	tic Vegetation ¹ (Explain)
18											
19										Indicators of hydric soil and wet	
20.										be present, unless disturbed or	problematic.
							106%	= Total Cover			
	n (Plot size: 30' radiu									Hydrophytic	
										Vegetation	
2								- T-1-1 C		Present? Yes	No_X
						_		= Total Cover			
Demante: (Include:	abata armitera bere		ata abaat \								
Nemarks: (include	photo numbers here o	i on a separ	ate sneet.)								

SOIL							Sam	pling Point:		dp102
Taresta Na	rintian: (Describe to	the depth no	eded to document the i	ndicator or oc	nfirm the c	absonce o	10.000	Jillig Follit		102
Depth	Matrix	me deptii ne		dox Features	minim the a	ibselice o	i ilidicators.j			
(inches)	Color (moist)	 _	Color (moist)	%	Type ¹	Loc ²	- Texture	F	Remark	•
0-6"	10YR 4/2	97	10YR 4/4	3	C		Loam		tomant	
6-18"	10YR 4/4		10YR 4/6	3						
0-10	101144/4	9/ _	10114/6		<u> </u>	m	Clay Loam			
							- ——— -			
		tion, RM=Red	duced Matrix, CS=Covere	ed or Coated S	and Grains		tion: PL=Pore Lining			
Hydric Soil Ir						Tes	t Indicators of Hydr			
— Histosol				ed Matrix (S4)				nese Masses (F	-	
	pipedon (A2)		Sandy Redo					w Dark Surface		
	listic (A3) en Sulfide (A4)		Stripped Ma Dark Surface	, ,			Other (Expi	ain in Remarks))	
	ed Layers (A5)			ky Mineral (F1)	1					
	uck (A10)			ed Matrix (F2)	,					
	ed Below Dark Surface	(A11)	X Depleted Ma	, ,						
Thick D	ark Surface (A12)			Surface (F6)			³ The hydric soil in	idicators have b	een up	dated to
Sandy M	Mucky Mineral (S1)		Depleted Da	ark Surface (F7	')		comply with th	e Field Indicator	rs of Hy	dric Soils
5 cm Mu	ucky Peat or Peat (S3)		Redox Depr	ressions (F8)			in the United S	States , Version	8.0, 20	16.
Restrictive L	ayer (if observed):									
Type:			_							
Depth (ir	nches):		- -			Hydric	Soil Present?	Yes	X	No
Remarks:										
rtemarks.										
HYDROLO	ogy .									
-	Irology Indicators: cators (minimum of one	is required:	chack all that apply)				Secondary Indica	tors (minimum	of two r	aguirad)
	Water (A1)	is required.		ed Leaves (B9	4)			il Cracks (B6)	JI LWO I	squireu)
	ater Table (A2)		Aquatic Fau	1.50	,			atterns (B10)		
	ion (A3)			c Plants (B14)				n Water Table (0	C2)	
_	Marks (B1)			ulfide Odor (C1			Crayfish Bu	,	J2)	
	ent Deposits (B2)			nizospheres on	,	its (C3)		Visible on Aerial	l Image	rv (C9)
_	posits (B3)			f Reduced Iron	•	13 (00)		Stressed Plants	•	,, (33)

Recent Iron Reduction in Tilled Soils (C6) Geomorphic Position (D2) Algal Mat or Crust (B4) FAC-Neutral Test (D5) Iron Deposits (B5) Thin Muck Surface (C7) Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D9) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) Field Observations: No X Surface Water Present? Depth (inches): N/A No X N/A Water Table Present? Depth (inches): Saturation Present? No X N/A Wetland Hydrology Present? Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

Project/Site:	Pleasant Prairie							City/Coun	ty: Grove City/F	ranklin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy							Sta	te: OH	Sampling Point:	dp103
Investigator(s):	C Renskers								Section, Tow	nship, Range: N/A	
Landform (hillslope,	terrace, etc.):		Summit							Local relief (concave, convex, none):	none
Slope (%):	0%	Lat:		39.892	2			Long:		-83.1865	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 pe	ercent slopes (Ko))						NWI classif	fication: PEM1C
Are climatic / hydrol	ogic conditions on the	site typical t	or this time of yea	ar?				Ye	<u> </u>	lo (If no, explain in Remarks.)	<u>'</u>
Are Vegetation	N	, Soil	N	, or Hydrology	N	sig	nificantly dist	urbed?	Are "No	rmal Circumstances" present?	Yes _ X _ No
Are Vegetation	N	, Soil	N	, or Hydrology	N	na	turally probler	natic?	(If need	ed, explain any answers in Remarks.))
SUMMARY OF	FINDINGS Atta	ch site n	nap showing	sampling point	locations	s, trar	sects, im	portant feat	ıres, etc.		
	getation Present?			Yes		No	X		e Sampled	Area	
Hydric Soil Pres				Yes	-	No -	X		in a Wetlan		Nox
Wetland Hydrol				Yes	_	No	Х	•			
Remarks:											
VEGETATION -	Use scientific r	names of	plants.								
Tree Stratum (Plot	eize: 30' radius						Absolute % Cover	Dominant Species?	Indicator	Dominar Ttt	
	size. 30 Taulus)					-	% Cover	Species?	Status	_ Dominance Test worksheet:	
1						— -				Number of Dominant Species	
2.						— -				- I	4 (1)
3.						— -				That Are OBL, FACW, or FAC:	1 (A)
5.						— -				Total Number of Dominant	
J						— -		= Total Cover		Species Across All Strata:	2 (B)
								= Total Cover		- Species Across All Strata:	(B)
Sanling/Shrub Strat	um (Plot size: 15' radii	10)								Percent of Dominant Species	
1.	ulli (Piot size, 15 faul	15)								· ·	50% (A/B)
\\ \frac{1}{2}						— -				That Are OBL, FACW, or FAC:	(A/B)
2.						— -				-	
3.						— -				Prevalence Index worksheet:	
5.										- Prevalence index worksheet.	
5.								= Total Cover		Total % Cover of:	Multiply by
								= Total Cover		That Are OBL, FACW, or FAC:	Multiply by: A/B
Herb Stratum (Plot	size: 5' radius)									OBL species	x1 =
Toxicodendron				-			80%	Yes	FAC	FACW species 3%	x2 = 0.06
2. Daucus carota	radicano						40%	Yes	UPL	FAC species 85%	x3 = 2.55
3. Setaria faberi							15%	No	FACU	FACU species 33%	x4 = 1.32
Glechoma hede	racea						10%	No	FACU	UPL species 40%	x5 = 2.00
5. Solidago canad							5%	No	FACU	Column Totals: 161%	(A) 5.93 (B)
Celtis occidenta							5%	No	FAC	-	
7. Abutilon theoph							3%	No	FACU	Prevalence Index =	B/A = 3.68
8. Echinochloa cru							3%	No	FACW	-	
9.										_	
10.										Hydrophytic Vegetation Indica	itors:
11.										- ···, ··· - p. ··, ··· - c - g - ··· · · · · · · · · · · · · · · ·	
12.										1-Rapid Test for Hydro	phytic Vegetation
13.										2-Dominance Test is >	
14.										3-Prevalence Index is s	
15.										4-Morphological Adapta	ations ¹ (Provide supporting
16.										data in Remarks or on	
17.										– I	tic Vegetation ¹ (Explain)
18.						— -				-	
19.										Indicators of hydric soil and wet	land hydrology must
20.						—-				be present, unless disturbed or	
						— -	161%	= Total Cover		- Jo prosont, unless disturbed of	y, our of Hally,
							15170	- rotal COVE		_	
Woody Vine Stratus	n (Plot size: 30' radius	5)								- Hydrophytic	
1.	Siec. 50 fadiu:	,								Vegetation	
2.						— -				- I	No X
I						— -		= Total Cover		-	"\
						-		•			
Remarks: (Include	photo numbers here or	on a sens	ate sheet \								
	psto manipola nere of	on a sepai									

Profile Description: /Des	oribe to the death	needed to document the	indicator or com	ofirm the of	heanaa a	1000000	pling Point: dp103
	Matrix		edox Features	illirili the al	bsence of	i indicators.)	
(inches) Color (n		Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-14" 10YR				1,700			Kemarko
0-14 10TK	2/1 100					Loam	
¹ Type: C=Concentration,	D=Depletion, RM=	Reduced Matrix, CS=Cover	ed or Coated Sa	nd Grains.	² Locati	on: PL=Pore Lining	ı, M=Matrix.
Hydric Soil Indicators ³ :						t Indicators of Hyd	
Histosol (A1)		Sandy Gley	ed Matrix (S4)			Iron-Manga	nese Masses (F12)
Histic Epipedon (A2)		Sandy Red	ox (S5)			Very Shallo	w Dark Surface (F22)
Black Histic (A3)		Stripped Ma	atrix (S6)			Other (Exp	ain in Remarks)
Hydrogen Sulfide (A4	1)	Dark Surface	ce (S7)				
Stratified Layers (A5))		ky Mineral (F1)				
2 cm Muck (A10)			yed Matrix (F2)				
Depleted Below Dark	, ,	Depleted M				2	
Thick Dark Surface (•		s Surface (F6)			•	ndicators have been updated to
Sandy Mucky Minera	. ,		ark Surface (F7)				e Field Indicators of Hydric Soils
5 cm Mucky Post or I	Peat (S3)	Redox Dep	ressions (F8)			in the United S	States , Version 8.0, 2016.
5 cm Mucky Peat or							
Restrictive Layer (if obse	rved):						
Restrictive Layer (if obse	rved):						
Restrictive Layer (if obse Type: Depth (inches):	rved):				Hydric	Soil Present?	Yes NoX
Restrictive Layer (if obse Type: Depth (inches):	rved):				Hydric	Soil Present?	Yes NoX
Restrictive Layer (if obse Type: Depth (inches):	rved):	_			Hydric	Soil Present?	YesNoX
Restrictive Layer (if obset					Hydric	316	
Restrictive Layer (if obset Type:	ators:				Hydric	Secondary Indica	ntors (minimum of two required)
Restrictive Layer (if obset	ators:		ned Leaves (B9)		Hydric	Secondary Indica	
Restrictive Layer (if obsety type: Depth (inches): emarks: HYDROLOGY Vetland Hydrology Indicators (minimum)	ators: um of one is require				Hydric	Secondary Indica Surface So Drainage P	ntors (minimum of two required) il Cracks (B6) atterns (B10)
Restrictive Layer (if obset Type:	ators: um of one is require	Water-Stair Aquatic Fa	una (B13) ic Plants (B14)		Hydric	Secondary Indica Surface So Drainage P	ators (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2)
Restrictive Layer (if obset Type:	ators: um of one is require 2)	Water-Stair Aquatic Fai True Aquat Hydrogen S	una (B13) ic Plants (B14) Sulfide Odor (C1))		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	ntors (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8)
Restrictive Layer (if obset Type:	ators: um of one is require 2)	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on L) Living Roots		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	ntors (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9)
Restrictive Layer (if obset Type:	ators: um of one is require 2) 32)	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on L f Reduced Iron () Living Roots C4)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or	ators (minimum of two required) il Cracks (B6) atterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1)
Restrictive Layer (if obset Type:	ators: um of one is require 2) 32)	Water-Stair Aquatic Far True Aquat Hydrogen S Oxidized R Presence of	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on L of Reduced Iron (n Reduction in Til) Living Roots C4)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Restrictive Layer (if obset Type:	ators: um of one is require 2) 32)	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on L of Reduced Iron (in Reduction in Til Surface (C7)) Living Roots C4)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two required) il Cracks (B6) atterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1)
Restrictive Layer (if obset Type:	ators: um of one is require 2) 32) 4) Aerial Imagery (Bi	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence o Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on L of Reduced Iron (in Reduction in Til Surface (C7) Vell Data (D9)) Living Roots C4)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Restrictive Layer (if obset Type:	ators: um of one is require 2) 32) 4) Aerial Imagery (Bi	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence o Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on L of Reduced Iron (in Reduction in Til Surface (C7)) Living Roots C4)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Restrictive Layer (if obset Type: Depth (inches): Depth (inches): Permarks: HYDROLOGY Wetland Hydrology Indicators (minimal Marks (Marks) (M	ators: um of one is require 2) B2) 4) Aerial Imagery (B7) Concave Surface (B	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence o Recent Iror Thin Muck Gauge or V S8) Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on L of Reduced Iron (in Reduction in Til Surface (C7) Vell Data (D9) Jain in Remarks)) Living Roots C4)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Restrictive Layer (if obset Type:	ators: um of one is require 2) 82) 4) Aerial Imagery (Bi Concave Surface (Bi	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V S8) Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on L of Reduced Iron (in Reduction in Til Surface (C7) Vell Data (D9) Jain in Remarks) s): N/A) Living Roots C4)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Restrictive Layer (if obset Type: Depth (inches): Depth (inches): Remarks: HYDROLOGY Wetland Hydrology Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B Iron Deposits (B5) Inundation Visible on Sparsely Vegetated (Inches Inches Inche	ators: um of one is require 2) B2) 4) Aerial Imagery (B7) Concave Surface (B	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence o Recent Iror Thin Muck Gauge or V S8) Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on L of Reduced Iron (in Reduction in Till Surface (C7) Vell Data (D9) Jain in Remarks) s): N/A s): N/A) Living Roots C4) Iled Soils (C	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Restrictive Layer (if obset Type: Depth (inches): Permarks: HYDROLOGY Wetland Hydrology Indicators (minimumal Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B1) Iron Deposits (B5) Inundation Visible on	ators: um of one is require 2) 32) 4) Aerial Imagery (Bi	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence o Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on L of Reduced Iron (in Reduction in Til Surface (C7) Vell Data (D9)) Living Roots C4)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)

Project/Site:	Pleasant Prairie							City/County	: Grove City/Fran	nklin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy							State	: OH	Sampling Point:	dp104
Investigator(s):	C Renskers								Section, Townsh	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):		Summit						Loc	cal relief (concave, convex, none):	none
Slope (%):	0%	Lat:			39.8874			Long:		-83.1908	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 pe	ercent slopes (Ko)						NWI classi	fication: none
Are climatic / hydrol	ogic conditions on the	site typical	for this time of ye	ear?				Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrold	gyN	N si	ignificantly dist	urbed?	Are "Norma	al Circumstances" present?	Yes _ X _ No
Are Vegetation	N	, Soil	N	, or Hydrold	gy N	N na	aturally probler	natic?	(If needed,	explain any answers in Remarks.)	,
SUMMARY OF	FINDINGS Atta	ch site r	nap showing	_ sampling	oint locati	ons, tra	nsects, im	portant featu	res, etc.		
	getation Present?		, ,	Yes		No			Sampled Ar	ea	
Hydric Soil Pres				Yes		No		•	n a Wetland?		Nox
Wetland Hydrol					X	No					
Remarks:	Use scientific r	names of	nlants								
TEGETATION S	- Ose scientine i	idilies of	piants.				Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)						% Cover	Species?	Status	Dominance Test worksheet:	
1											
2.										Number of Dominant Species	
3.										That Are OBL, FACW, or FAC:	1 (A)
4.											
5.										Total Number of Dominant	
								= Total Cover		Species Across All Strata:	3 (B)
Sapling/Shrub Strate	um (Plot size: 15' radi	us)								Percent of Dominant Species	
1.										That Are OBL, FACW, or FAC:	33% (A/B)
2.											
3.											
4.										Prevalence Index worksheet:	
5.											
								- Total Cover		Total % Cover of:	Multiply by:
										That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)			_						OBL species	x1 =
Symphyotrichur	n cordifolium						20%	Yes	UPL	FACW species 18%	x2 = 0.36
2. Daucus carota							15%	Yes	UPL	FAC species 6%	x3 = 0.18
Muhlenbergia m	nexicana						15%	Yes	FACW	FACU species 28%	x4 = 1.12
4. Taraxacum offic	cinale						10%	No	FACU	UPL species 35%	x5 = 1.75
Ambrosia artem	nisiifolia						10%	No	FACU	Column Totals: 87%	(A) 3.41 (B)
6. Oxalis stricta							5%	No	FACU		
7. Erigeron canade	ensis						3%	No	FACU	Prevalence Index =	B/A = 3.92
8. Plantago rugelii	1						3%	No	FAC		
9. Echinochloa cru	ıs-galli						3%	No	FACW		
10. Juncus tenuis							3%	No	FAC	Hydrophytic Vegetation Indica	itors:
11											
12										1-Rapid Test for Hydro	
13										2-Dominance Test is >	
14										3-Prevalence Index is :	
15.										<u> </u>	ations ¹ (Provide supporting
16										data in Remarks or on	
17										Problematic Hydrophy	tic Vegetation ¹ (Explain)
18											
19.										¹ Indicators of hydric soil and we	-
20.										be present, unless disturbed or	problematic.
							87%	= Total Cover			
	n (Plot size: 30' radius	5)								Hydrophytic	
										Vegetation	
2										Present? Yes	No_X
								= Total Cover			
Remarks: (Include)	photo numbers here or	on a separ	ate sneet.)								

SOIL							Samp	oling Point:	dp104
	ription: (Describe to t	the depth nee	eded to document the in	dicator or c	onfirm the a	bsence o	f indicators.)		
Depth	Matrix		Red	lox Features					
(inches)	Color (moist)	_ %	Color (moist)	%	Type ¹	Loc ²	Texture	Rer	marks
0-2"	10YR 3/4	100					Loam		
2-18"	10YR 3/4	97	10YR 4/6	3	С	M	Clay Loam		
¹ Type: C=Co	oncentration. D=Deplet	ion. RM=Red	uced Matrix, CS=Covered	d or Coated S	Band Grains.	² Locati	on: PL=Pore Lining	. M=Matrix.	
Hydric Soil Ir							t Indicators of Hydr		
Histosol			Sandy Gleye	d Matrix (S4)			Iron-Manga	nese Masses (F12	2)
Histic E	pipedon (A2)		Sandy Redox	x (S5)			Very Shallo	w Dark Surface (F	22)
Black H	istic (A3)		Stripped Mat	rix (S6)			Other (Expl	ain in Remarks)	
Hydroge	en Sulfide (A4)		Dark Surface						
	d Layers (A5)			y Mineral (F1	,				
	uck (A10)		Loamy Gleye						
	d Below Dark Surface	(A11)	Depleted Ma				3-1	diantara bassa bas	n condeted to
	ark Surface (A12)		Redox Dark		7)		•	dicators have bee e Field Indicators	
	Mucky Mineral (S1) ucky Peat or Peat (S3)		Depleted Date Redox Depre		")			e Fleid indicators of States , Version 8.0	•
	ucky real of real (00)		Redox Depre	33310113 (1 0)			iii tile Olited C	nates, version o.c	7, 2010.
	ayer (if observed):								
Туре: _						Uhadaia	Sail Brananta	Vee	No. V
						Hydric	Soil Present?	Yes	NoX
Type: _ Depth (ir						Hydric	Soil Present?	Yes	NoX
Туре: _						Hydric	Soil Present?	Yes	NoX
Type: _ Depth (ir						Hydric	Soil Present?	Yes	NoX
Type: _ Depth (ir						Hydric	Soil Present?	Yes	NoX
Type: Depth (ir Remarks:	nches):					Hydric	Soil Present?	Yes	NoX
Type: Depth (ir Remarks:	nches):					Hydric	Soil Present?	Yes	NoX
Type:	nches):					Hydric	Soil Present?	Yes	NoX
Type:	DGY rology Indicators: ators (minimum of one	is required: c				Hydric	Secondary Indica	tors (minimum of t	
Type:	OGY rology Indicators:	is required: c	heck all that apply) X Water-Staine	ed Leaves (B	9)	Hydric	Secondary Indica		
Type:	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2)	is required: c	X Water-Staine Aquatic Faur	na (B13)		Hydric	Secondary Indica Surface Soi	tors (minimum of t I Cracks (B6) atterns (B10)	wo required)
Type:	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3)	is required: c	X Water-Staine Aquatic Faur True Aquatic	na (B13) : Plants (B14)		Hydric	Secondary Indica Surface Soi Drainage Po	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2)	wo required)
Type:	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1)	is required: c	X Water-Staine Aquatic Faur True Aquatic Hydrogen Su	na (B13) : Plants (B14) ılfide Odor (C	1)		Secondary Indica Surface Soi Drainage Pa	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8)	wo required)
Type:	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) //arks (B1) nt Deposits (B2)	is required: c	X Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi	na (B13) Plants (B14) Ilfide Odor (C zospheres or	1) 1) Living Root		Secondary Indica Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial In	wo required)
Type:	rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3)	is required: c	X Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of	na (B13) Plants (B14) Ilfide Odor (C zospheres or Reduced Iror	11) n Living Root n (C4)	ts (C3)	Secondary Indica Surface Soi Drainage Portion Season Crayfish Bu Saturation Stunted or St	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D	wo required)
Type:	rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4)	is required: c	X Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron 6	na (B13) Plants (B14) Ilfide Odor (C zospheres or Reduced Iror Reduction in	11) n Living Root n (C4)	ts (C3)	Secondary Indica Surface Soi Drainage Porton Season Crayfish But Saturation Stunted or Stunded or Stunded Stun	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D c Position (D2)	wo required)
Type:	rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5)		X Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron F	na (B13) Plants (B14) Iffide Odor (C zospheres or Reduced Iror Reduction in urface (C7)	11) n Living Root n (C4)	ts (C3)	Secondary Indica Surface Soi Drainage Portion Season Crayfish Bu Saturation Stunted or St	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D c Position (D2)	wo required)
Type:	rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Im	agery (B7)	X Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron 8 Thin Muck Si Gauge or We	na (B13) Plants (B14) Iffide Odor (C zospheres or Reduced Iror Reduction in urface (C7)	11) n Living Root n (C4) Tilled Soils (ts (C3)	Secondary Indica Surface Soi Drainage Porton Season Crayfish But Saturation Stunted or Stunded or Stunded Stun	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D c Position (D2)	wo required)
Type:	rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5)	agery (B7)	X Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron 8 Thin Muck Si Gauge or We	na (B13) Plants (B14) Iffide Odor (C zospheres or Reduced Iror Reduction in urface (C7)	11) n Living Root n (C4) Tilled Soils (ts (C3)	Secondary Indica Surface Soi Drainage Porton Season Crayfish But Saturation Stunted or Stunded or Stunded Stun	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D c Position (D2)	wo required)
Type:	rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Im y Vegetated Concave S ations:	agery (B7)	X Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron I Thin Muck S Gauge or We Other (Explain	na (B13) Plants (B14) Ilfide Odor (C zospheres or Reduced Iror Reduction in urface (C7) ell Data (D9) in in Remarks	11) n Living Root n (C4) Tilled Soils (ts (C3)	Secondary Indica Surface Soi Drainage Porton Season Crayfish But Saturation Stunted or Stunded or Stunded Stun	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D c Position (D2)	wo required)
Type:	poches): prology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Im y Vegetated Concave S ations: er Present?	agery (B7) Surface (B8) Yes No	X Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron I Thin Muck Si Gauge or We Other (Expla	na (B13) Plants (B14) Ilfide Odor (C zospheres or Reduced Iror Reduction in urface (C7) ell Data (D9) in in Remarks	11) n Living Root n (C4) Tilled Soils (ts (C3)	Secondary Indica Surface Soi Drainage Porton Season Crayfish But Saturation Stunted or Stunded or Stunded Stun	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D c Position (D2)	wo required)
Type:	poches): prology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Im y Vegetated Concave S ations: er Present?	agery (B7) Surface (B8) Yes No Yes No	X Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron I Thin Muck S Gauge or We Other (Expla	na (B13) Plants (B14) Iflide Odor (C zospheres or Reduced Iror Reduction in urface (C7) In Data (D9) In in Remarks E. N/A N/A	11) In Living Root In (C4) Tilled Soils (ts (C3)	Secondary Indica Surface Soi Drainage Porton Season Crayfish But Saturation Stunted or Stunded or Stunded Stun	tors (minimum of t I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial In Stressed Plants (D c Position (D2)	wo required) nagery (C9)

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

Project/Site:	Pleasant Prairie							City/Coun	ty: Gro	ove City/Fran	nklin		Sampling [Date: 9/29/	2020
Applicant/Owner:	Inenergy							Sta	te: OH	<u> </u>	Sampling Poir	it:	d	p105	
Investigator(s):	C Renskers								Sect	tion, Townsh	ip, Range: N/A				
Landform (hillslope,	terrace, etc.):		Summit						_	Loc	al relief (concave, co	nvex, none): n	one		
Slope (%):	0%	Lat:		39.886				Long:			-83.1888		Datum:	NAD83 UT	M16N
Soil Map Unit Name:	: Crosby silt loam, So	uthern Ohio	Till Plain, 0 to 2 pe	ercent slopes (CrA)								NWI classific	cation:	none	
Are climatic / hydrolo	ogic conditions on the	site typical	or this time of yea	r?				Ye	s X	No	(If no, explain	in Remarks.)			
Are Vegetation	N	, Soil	N	, or Hydrology	N	sigi	nificantly dist	urbed?		Are "Norma	al Circumstances" pr	esent?	Yes	X No	
Are Vegetation	N	, Soil	N	, or Hydrology	N	nat	urally probler	matic?		(If needed,	explain any answers	in Remarks.)			
SUMMARY OF	FINDINGS Att	ach site r	nap showing	sampling point le	ocations	s, tran	sects, im	portant feat	ures,	etc.					
	etation Present?			Yes		No	х			mpled Are	ea				
Hydric Soil Pres	•			Yes		No	Х	•		Wetland?		Yes	No	Х	
Wetland Hydrold	ogy Present?			Yes		No	Х						_		
Remarks: VEGETATION -	- Use scientific	names of	plants.												
							Absolute	Dominant	ı	Indicator					
Tree Stratum (Plot s						-	% Cover	Species?		Status	Dominance Test	worksheet:			
1. Fraxinus americ	ana					— -	40%	Yes		FACU	l				
2. Juglans nigra						— -	10%	No		FACU	Number of Domina				(4)
3. Morus alba						— -	10%	No		FAC	That Are OBL, FA	DW, or FAC:		1	_(A)
5.						— -					Total Number of D	lominant			
J						— -	60%	= Total Cover			Species Across Al			4	(B)
							60%	- Total Cover			Species Across Ar	Ollata.		-	_(5)
Sanling/Shruh Strati	ım (Plot size: 15' rad	ine)									Percent of Domina	nt Species			
Fraxinus america		,					15%	Yes		FACU	That Are OBL. FA	•		25%	(A/B)
Lonicera maacki							10%	Yes		UPL				2010	
3.						— -	1070								
4.											Prevalence Index	worksheet:			
5.															
							25%	= Total Cover			Total % C	cover of:		Multiply by	:
								•			That Are OBL, FAC	W, or FAC:			A/B
Herb Stratum (Plot	size: 5' radius)										OBL species		x1 =		
Poa pratensis							90%	Yes	_	FAC	FACW species		x2 =		
2. Taraxacum offic	inale						15%	No		FACU	FAC species	100%	x3 =	3.00)
3. Trifolium repens	1						15%	No		FACU	FACU species	98%	x4 =	3.92	2
4. Cichorium intybu	ıs						3%	No		FACU	UPL species	10%	x5 =	0.50)
5.											Column Totals:	208%	(A)	7.42	(B)
6.															
7.											Preval	ence Index = B	/A =	3.57	
8															
9											1				
10.											Hydrophytic Vege	tation Indicate	ors:		
11.						— -									
12.											I —	Test for Hydropl		ation	
13.											I —	ance Test is >50 ence Index is ≤3			
14. 15.						— -					ı —	ence index is ≤3 ological Adaptat		ide support	ina
16.											I —	Remarks or on a			
17.						— -					1	atic Hydrophytic			1
18.											-	,,,,,,,,,,,,		(===,	
19.											¹ Indicators of hydri	c soil and wetle	and hydrolo	gy must	
20.											be present, unless			-	
							123%	= Total Cover							
Woody Vine Stratum	(Plot size: 30' radiu	is)									Hydrophytic				
	•										Vegetation				
2.											Present?	Yes	No	×	
								= Total Cover				_			
											<u> </u>				
Remarks: (Include p	photo numbers here o	r on a separ	ate sheet.)												
1															

rofile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Redox Features Rothes Color (moist)	rofile Description: (Describ	e to the depth nee	eded to document the	indicator or c	onfirm the ab	sence of	f indicators)		
Color (moist)	• •	-			ommin are as		i maioatoro.,		
Content					Type ¹	Loc ²	Texture	Re	marks
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coates Sand Grains. **Test Indicators of Hydric Soils: Indicators of Hydric Soil Red (A) Indicators of Hydric Soil Red (A) Indicators of Hydric Soil Red (A) Indicators of Hydric Soils: Indicators					- 7,1				
rdric Sol Indicators *: Histosol (A1) Histospiedon (A2) Sandy Gleyed Matrix (S4) Histospiedon (A2) Sandy Redox (S5) Very Shallow Dark Surface (F22) Hydrogen Sulfide (A4) Dark Surface (S7) Stratified Layers (A5) Loamy Mucky Mineral (F1) Depleted Below Dark Surface (A11) Depleted Matrix (F2) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Som Mucky Peat or Peat (S3) Som Mucky Peat or Peat (S3) Fedox Depressions (F8) Present? YPROLOGY ettal Hydrology Indicators: Imany Indicators (minimum of one is required: check all that apply) Marks: **Proposition of two required in the United States (B6) Surface Water (A1) Surface Water (A1) Water Table (A2) Aquatic Fauna (B13) Surface Water (A1) High Water Table (A2) Saturation (A3) True Aquatic Plants (B14) Water Marks (B1) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (B7) Jean (B8) Presence of Reduced fron (C4) Iron-Marks (B1) Surface Soil Cracks (B8) Drainage Patterns (B10) Saturation (A3) True Aquatic Plants (B14) Dry-Season Water Table (C2) Oxidized Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) Presence of Reduced Iron (C4) Sturtace (Trust (B4) Iron-Marks (B1) FAC-Neutral Test (D5) Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) Wetland Hydrology Present? Yes No X Depth (inches): N/A attertable Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A	1011(2/2								
rdric Sol Indicators *: Histosol (A1) Histospiedon (A2) Sandy Gleyed Matrix (S4) Histospiedon (A2) Sandy Redox (S5) Very Shallow Dark Surface (F22) Hydrogen Sulfide (A4) Dark Surface (S7) Stratified Layers (A5) Loamy Mucky Mineral (F1) Depleted Below Dark Surface (A11) Depleted Matrix (F2) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Som Mucky Peat or Peat (S3) Som Mucky Peat or Peat (S3) Fedox Depressions (F8) Present? YPROLOGY ettal Hydrology Indicators: Imany Indicators (minimum of one is required: check all that apply) Marks: **Proposition of two required in the United States (B6) Surface Water (A1) Surface Water (A1) Water Table (A2) Aquatic Fauna (B13) Surface Water (A1) High Water Table (A2) Saturation (A3) True Aquatic Plants (B14) Water Marks (B1) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (B7) Jean (B8) Presence of Reduced fron (C4) Iron-Marks (B1) Surface Soil Cracks (B8) Drainage Patterns (B10) Saturation (A3) True Aquatic Plants (B14) Dry-Season Water Table (C2) Oxidized Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) Presence of Reduced Iron (C4) Sturtace (Trust (B4) Iron-Marks (B1) FAC-Neutral Test (D5) Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) Wetland Hydrology Present? Yes No X Depth (inches): N/A attertable Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A									
dric Soil Indicators*: Histosoi (A1) Sandy Gleyed Matrix (S4) Iron-Manganese Masses (F12) Histospiedon (A2) Sandy Redox (S5) Very Shallow Dark Surface (F22) Black Histic (A3) Stripped Matrix (S6) Very Shallow Dark Surface (F22) Black Histic (A3) Stripped Matrix (S6) Other (Explain in Remarks) Hydrogen Surface (A5) Cherr (Explain in Remarks) Craftified Layers (A5) Loamy Mucky Mineral (F1) Depleted Matrix (F2) Depleted Matrix (F2) Depleted Matrix (F2) Depleted Matrix (F2) Sandy Mucky Mineral (S1) Depleted Matrix (F2) Som Mucky Peat or Peat (S3) Redox Dark Surface (FF) comply with the Field Indicators of Hydric Soils strictive Layer (if observed): Type: Type: Hydric Soil Present? Yes No Mater Stained Hydrology Indicators: Imary Indicators (minimum of one is required: check all that apply) Surface Water (A1) Water Table (A2) Aquatic Fauna (B13) Drainage Patterns (B10) Saturation (A3) True Aquatic Plants (B14) Dry-Season Water Table (C2) Saturation (A3) True Aquatic Plants (B14) Dry-Season Water Table (C2) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) Presence of Reduced Iron (C4) Stunded or Streeted Plants (C9) Iron Deposits (B3) Presence of Reduced Iron (C4) Stunded or Streeted Plants (C9) Iron Deposits (B3) Presence of Reduced Iron (C4) Stunded or Streeted Plants (C9) Iron Deposits (B3) Presence of Reduced Iron (C4) Stunded or Streeted Plants (C9) Iron Deposits (B3) Presence of Reduced Iron (C4) Stunded or Streeted Plants (C9) Iron Deposits (B3) Presence of Reduced Iron (Table Soils (C6) Geomorphic Position (C2) Iron Deposits (B3) Presence of Reduced Iron (C4) Stunded or Streeted Plants (C9) Iron Deposits (B3) Presence of Reduced Iron (C4) Stunded or Streeted Plants (C9) Iron Deposits (B3) Presence of Reduced Iron (C4) Stunded or Streeted Plants (C9) Iron Deposits (B3) Presence of Reduced Iron (C4) Stunded or Streeted Plants (C9) Iron Deposits (B3) Presence of Reduced Iron (C4) Stunded or Streeted Pla									
dric Soil Indicators of Hydric Soils: Histosoi (A1) Histosoi (A2) Histosoi (A2) Histosoi (A3) Histosoi (A3) Histosoi (A3) Histosoi (A3) Black Histo (A3) Sardy Redox (S5) Sardy Redox (S5) Other (Explain in Remarks) In the United States, Version 8.0, 2016. In the United States, Ve									
rdric Sol Indicators *: Histosol (A1) Histospiedon (A2) Sandy Gleyed Matrix (S4) Histospiedon (A2) Sandy Redox (S5) Very Shallow Dark Surface (F22) Hydrogen Sulfide (A4) Dark Surface (S7) Stratified Layers (A5) Loamy Mucky Mineral (F1) Depleted Below Dark Surface (A11) Depleted Matrix (F2) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Som Mucky Peat or Peat (S3) Som Mucky Peat or Peat (S3) Fedox Depressions (F8) Present? YPROLOGY ettal Hydrology Indicators: Imany Indicators (minimum of one is required: check all that apply) Marks: **Proposition of two required in the United States (B6) Surface Water (A1) Surface Water (A1) Water Table (A2) Aquatic Fauna (B13) Surface Water (A1) High Water Table (A2) Saturation (A3) True Aquatic Plants (B14) Water Marks (B1) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (B7) Jean (B8) Presence of Reduced fron (C4) Iron-Marks (B1) Surface Soil Cracks (B8) Drainage Patterns (B10) Saturation (A3) True Aquatic Plants (B14) Dry-Season Water Table (C2) Oxidized Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) Presence of Reduced Iron (C4) Sturtace (Trust (B4) Iron-Marks (B1) FAC-Neutral Test (D5) Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) Wetland Hydrology Present? Yes No X Depth (inches): N/A attertable Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X Depth (inches): N/A									
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Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) eld Observations: urface Water Present? Yes No X Depth (inches): N/A //ater Table Present? Yes No X Depth (inches): N/A aturation Present? Yes No X Depth (inches): N/A Depth (inches): N/A Wetland Hydrology Present? Yes No X	YDROLOGY etland Hydrology Indicators rimary Indicators (minimum o Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)		Water-Stair Aquatic Far True Aquat Hydrogen S Oxidized R	una (B13) ic Plants (B14 Sulfide Odor (C hizospheres o) (1) n Living Roots		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	tors (minimum of il Cracks (B6) atterns (B10) il Water Table (C2 irrows (C8) Visible on Aerial Ir	two required)
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aturation Present? Yes No X Depth (inches): N/A Wetland Hydrology Present? Yes No X	etland Hydrology Indicators rimary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aer Sparsely Vegetated Conceld Observations:	f one is required: c	Water-Stain Aquatic Fai True Aquat Hydrogen S Oxidized R Presence c Recent Iror Thin Muck Gauge or V Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (Control of Reduced Iron Reduction in Surface (C7) Vell Data (D9) Jain in Remark) c1) n Living Roots n (C4) Tilled Soils (C	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation S Stunted or S Geomorphi	tors (minimum of il Cracks (B6) atterns (B10) n Water Table (C2 irrows (C8) Visible on Aerial Ir Stressed Plants (I c Position (D2)	two required)
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Project/Site:	Pleasant Prairie				City/County:	Grove City/Fran	ıklin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy				State:	0.0000	Sampling Point:	dp106
Investigator(s):	C Renskers					Section, Townshi	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Toeslope				Loc	al relief (concave, convex, none):	concave
Slope (%):	0%	Lat:	39.8861		Long:		-83.1889	Datum: NAD83 UTM16N
Soil Map Unit Name	: Crosby silt loam, So	uthern Ohio Till Plain, 0 to 2 p	ercent slopes (CrA)				NWI classi	fication: none
Are climatic / hydrol	ogic conditions on the	site typical for this time of year	r?		Yes	X No_	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology N	significantly disturb	ed?	Are "Norma	al Circumstances" present?	YesX_No
Are Vegetation	N	, Soil N	, or Hydrology N	naturally problemat	c?	(If needed,	explain any answers in Remarks.	
SUMMARY OF	FINDINGS Att	ach site map showing	sampling point location	ons, transects, impo	tant featur	es, etc.		
Hydrophytic Ve	getation Present?	1	Yes x	No	Is the	Sampled Are	ea	
Hydric Soil Pres	sent?		Yes x	No	within	a Wetland?	Yes	<u> No</u>
Wetland Hydrol	ogy Present?		Yes x	No				
Remarks: VEGETATION	Use scientific	names of plants.		Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet:	
Acer saccharing	ım			20%	Yes	FACW		
2. Populus deltoid	es			20%	Yes	FAC	Number of Dominant Species	
3. Ulmus rubra				10%	Yes	FAC	That Are OBL, FACW, or FAC:	6 (A)
4								
5							Total Number of Dominant	
				50% = 7	otal Cover		Species Across All Strata:	7 (B)
	um (Plot size: 15' rad				Man	51011	Percent of Dominant Species	000/ (4/7)
1. Fraxinus penns				5%	Yes	FACW	That Are OBL, FACW, or FAC:	(A/B)
2. Acer saccharing	ım			5%	Yes	FACW		
3							Desirelence Index weeksheets	
5.							Prevalence Index worksheet:	
5.				10% = 1	otal Cover		Total % Cover of:	Multiply by:
				10%	otal Cover		That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)						OBL species 33%	x1 = 0.33
1. Lemna minor	_		•	30%	Yes	OBL	FACW species 33%	x2 = 0.66
2. Pilea pumila				3%	No	FACW	FAC species 30%	x3 = 0.90
3. Typha angustifo	olia			3%	No	OBL	FACU species 5%	x4 = 0.20
4.							UPL species	x5 =
5.							Column Totals: 101%	(A) 2.09 (B)
6.								
7							Prevalence Index =	B/A = 2.07
8.								
9.								
10							Hydrophytic Vegetation Indica	ators:
11								
12.							1-Rapid Test for Hydro	
13.							X 2-Dominance Test is >	
14.							X 3-Prevalence Index is :	sations ¹ (Provide supporting
15.							<u> </u>	
16. 17.							data in Remarks or on	tic Vegetation ¹ (Explain)
18.								(
19.							¹ Indicators of hydric soil and we	tland hydrology must
20.							be present, unless disturbed or	
				36% = 1	otal Cover		and an analytical of	
Woody Vine Stratun	n (Plot size: 30' radiu	s)					Hydrophytic	
Vitis aestivalis				5%	Yes	FACU	Vegetation	
2.								XNo
				5% = 7	otal Cover		1	
Remarks: (Include	photo numbers here o	r on a separate sheet.)						

Profile Desc	ription: (Describe to t	the denth needs	d to document the	indicator or co	nfirm the a	heanca o	5000000	oling Point: dp106
Depth	Matrix	ine deptii neede		edox Features	minim the a	bselice o	i indicators.)	
(inches)	Color (moist)	<u></u> %	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-2"	10YR 4/1	100	Color (moist)		1,700		Silt Loam	Remains
2-18"	10YR 5/1	100						
2-10	10113/1						Silt Loam	
		- — —						
1						2	· 	
	Concentration, D=Deplet	tion, RM=Reduce	ed Matrix, CS=Cover	ed or Coated S	and Grains.		on: PL=Pore Lining	
Histoso	Indicators ³ :		Sandy Glay	ed Matrix (S4)		ies	t Indicators of Hydr	nese Masses (F12)
	Epipedon (A2)		Sandy Red					w Dark Surface (F22)
	Histic (A3)		Stripped Ma					ain in Remarks)
	en Sulfide (A4)		Dark Surface	()				
Stratifie	ed Layers (A5)		Loamy Muc	ky Mineral (F1))			
2 cm N	luck (A10)		Loamy Gle	yed Matrix (F2)				
	ed Below Dark Surface	(A11)	X Depleted M					
	Dark Surface (A12)			Surface (F6)			•	dicators have been updated to
	Mucky Mineral (S1)			ark Surface (F7	')			e Field Indicators of Hydric Soil
_	lucky Peat or Peat (S3)		Redox Dep	ressions (F8)			in the United S	States, Version 8.0, 2016.
_	_ayer (if observed):							
Time								
Type:	to also a No					Unidata	Call Days and C	Van V. Na
Depth (inches):					Hydric	Soil Present?	Yes <u>X</u> No
Depth (i	, <u> </u>					Hydric	Soil Present?	Yes X No
Depth (identification)	OGY					Hydric	Soil Present?	Yes X No
Depth (in the control of the control	OGY drology Indicators:					Hydric	Territoria de la constanta de	
Depth (internal line in the property of the pr	OGY drology Indicators: cators (minimum of one	is required: che				Hydric	Secondary Indica	tors (minimum of two required)
Depth (i emarks: HYDROL Vetland Hyd Primary India X Surface	OGY drology Indicators: cators (minimum of one	is required: che	X Water-Stair	ned Leaves (B9)	Hydric	Secondary Indica	tors (minimum of two required)
Depth (i emarks: IYDROL Vetland Hyd Primary India X Surface High W	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2)	is required: che	X Water-Stair Aquatic Far	una (B13))	Hydric	Secondary Indica Surface Soi	tors (minimum of two required) I Cracks (B6) atterns (B10)
Depth (i emarks: HYDROL Vetland Hyd Primary India X Surface High W Saturat	OGY drology Indicators: cators (minimum of one water (A1) //ater Table (A2) tion (A3)	is required: che	X Water-Stair Aquatic Far True Aquat	una (B13) ic Plants (B14)		Hydric	Secondary Indica Surface Soi Drainage Po	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2)
Depth (i emarks: IYDROL Vetland Hyd Primary India X Surface High W Satural Water	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1)	is required: che	X Water-Stair Aquatic Far True Aquat Hydrogen S	una (B13) ic Plants (B14) Sulfide Odor (C	1)		Secondary Indica Surface Soi Drainage Pa	tors (minimum of two required) Il Cracks (B6) atterns (B10) Il Water Table (C2) rrows (C8)
Depth (i emarks: IYDROL Vetland Hyd Primary India X Surface High W Saturat Water Sedime	OGY drology Indicators: cators (minimum of one water (A1) //ater Table (A2) tion (A3)	is required: che	X Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R	una (B13) ic Plants (B14)	1) Living Root		Secondary Indica Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2)
Depth (i emarks: HYDROL Vetland Hyo Primary India X Surface High W Saturat Water Sedime Drift De	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2)	is required: che	X Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres on	1) Living Root (C4)	s (C3)	Secondary Indica Surface Soi Drainage Portion Season Crayfish Bu Saturation Stunted or St	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) //sible on Aerial Imagery (C9)
Depth (interpretation of the primary India	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3)	is required: che	X Water-Stair Aquatic Far True Aquat Hydrogen S Oxidized R Presence of Recent Iror	una (B13) ic Plants (B14) Sulfide Odor (C [.] hizospheres on f Reduced Iron	1) Living Root (C4)	s (C3)	Secondary Indica Surface Soi Drainage Portion Season Crayfish Bu Saturation Stunted or St	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) //sible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Depth (interpretation of the property of the p	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) flat or Crust (B4)		X Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck	una (B13) ic Plants (B14) Sulfide Odor (C' hizospheres on if Reduced Iron i Reduction in T	1) Living Root (C4)	s (C3)	Secondary Indica Surface Soi Drainage Portion Season Crayfish But Saturation Stunted or Stunted or Stundard Stu	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) //sible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Depth (i emarks: HYDROL Vetland Hyd Primary India X Surface High W Saturat Water Sedime Drift De Algal M Iron De Inunda	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /at or Crust (B4) eposits (B5)	nagery (B7)	X Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (Control of Plants on Its Plants	1) Living Root (C4) Filled Soils (G	s (C3)	Secondary Indica Surface Soi Drainage Portion Season Crayfish But Saturation Stunted or Stunted or Stundard Stu	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) //sible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Depth (interpretation of the property of the p	OGY drology Indicators: cators (minimum of one of Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) flat or Crust (B4) eposits (B5) tion Visible on Aerial Imply Vegetated Concave S	nagery (B7)	X Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (Cinizospheres on if Reduced Iron in Reduction in T Surface (C7) Vell Data (D9)	1) Living Root (C4) Filled Soils (G	s (C3)	Secondary Indica Surface Soi Drainage Portion Season Crayfish But Saturation Stunted or Stunted or Stundard Stu	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) //sible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Depth (interpretation of the content	OGY drology Indicators: cators (minimum of one of Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) flat or Crust (B4) eposits (B5) tion Visible on Aerial Imply Vegetated Concave Sepostations:	nagery (B7)	X Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C' hizospheres on if Reduced Iron in Reduction in T Surface (C7) Vell Data (D9) lain in Remarks	1) Living Root (C4) Filled Soils (G	s (C3)	Secondary Indica Surface Soi Drainage Portion Season Crayfish But Saturation Stunted or Stunted or Stundard Stu	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) //sible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Depth (in the content of the content	OGY drology Indicators: cators (minimum of one of Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) flat or Crust (B4) eposits (B5) tion Visible on Aerial Imply Vegetated Concave Separations: ter Present?	nagery (B7) Surface (B8) Yes <u>X</u> No	X Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (C' hizospheres on if Reduced Iron in Reduction in T Surface (C7) Vell Data (D9) tain in Remarks s):18"	1) Living Root (C4) Filled Soils (G	s (C3)	Secondary Indica Surface Soi Drainage Portion Season Crayfish But Saturation Stunted or Stunted or Stundard Stu	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) //sible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Depth (in the control of the control	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) flat or Crust (B4) eposits (B5) tion Visible on Aerial Im ely Vegetated Concave Sevations: ter Present?	nagery (B7) Surface (B8) Yes <u>X</u> No	X Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (C' hizospheres on if Reduced Iron in Reduction in T Surface (C7) Vell Data (D9) Iain in Remarks s): 18" s): N/A	1) Living Root (C4) Filled Soils (G	s (C3)	Secondary Indica Surface Soi Drainage Portion Season Crayfish But Saturation Stunted or Stunted or Stundard Stu	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) //sible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)

Project/Site:	Pleasant Prairie							City/Cou	inty: 0	Grove City/Fran	nklin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy							St	ate: C	ОН	Sampling Point:	dp107
Investigator(s):	C Renskers								Se	ection, Townsh	nip, Range: N/A	
Landform (hillslope,	terrace, etc.):		Summit							Loc	cal relief (concave, convex, none):	none
Slope (%):	0%	Lat:		39.881	2			Long:			-83.1788	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loar	m, 0 to 2 pe	rcent slopes (Ko)								NWI classifi	cation: none
Are climatic / hydrol	ogic conditions on the	site typical f	or this time of yea	r?				Y	es_)	X No_	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	sigi	nificantly dist	urbed?		Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydrology	N	nat	urally probler	matic?		(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site n	ap showing	sampling point	locations	s, tran	sects, im	portant fea	tures	s, etc.		
Hydrophytic Veg	getation Present?			Yes		No	X	ls t	he S	Sampled Ar	ea	
Hydric Soil Pres	sent?			Yes		No	Х	wit	hin a	a Wetland?	Yes	Nox
Wetland Hydrol	ogy Present?			Yes	_	No_	X					
Remarks:	Use scientific n	ames of	nlants									
VEGETATION	- Ose scientine n	anies or	piulits.				Absolute	Dominant		Indicator		
Tree Stratum (Plot	size: 30' radius)						% Cover	Species?		Status	Dominance Test worksheet:	
1.						=						
2.											Number of Dominant Species	
3.											That Are OBL, FACW, or FAC:	(A)
4.												
5.											Total Number of Dominant	
								= Total Cover			Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radiu	s)									Percent of Dominant Species	
1											That Are OBL, FACW, or FAC:	(A/B)
2												
3												
4						— -					Prevalence Index worksheet:	
5.												
								= Total Cover			Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by: A/B
Herb Stratum (Plot	size: 5' radius)										OBL species	x1 =
1. Glycine max				•			70%	Yes		UPL	FACW species	x2 =
2. Glechoma hede	racea					— -	10%	No		FACU	FAC species	x3 =
3. Sida spinosa	, deced						5%	No		FACU	FACU species 15%	x4 = 0.60
4.						— -					UPL species 70%	x5 = 3.50
5.											Column Totals: 85%	(A) 4.10 (B)
6.												
7.											Prevalence Index = E	3/A = 4.82
8.												
9.												
10.											Hydrophytic Vegetation Indicat	ors:
11.												
12.											1-Rapid Test for Hydrop	hytic Vegetation
13.											2-Dominance Test is >5	0%
14.											3-Prevalence Index is ≤	3.0 ¹
15.											4-Morphological Adapta	tions ¹ (Provide supporting
16.											data in Remarks or on	a separate sheet)
17											Problematic Hydrophyti	c Vegetation ¹ (Explain)
18.												
19.											¹ Indicators of hydric soil and wetle	and hydrology must
20.											be present, unless disturbed or p	roblematic.
							85%	= Total Cover				
Woody Vine Stratun	n (Plot size: 30' radius) .									Hydrophytic	
											Vegetation	
2											Present? Yes_	No_X
						-		= Total Cover				
Remarks: (Include	photo numbers here or	on a separa	ite sheet.)									

Profile Desc	ription: (Describe to t	he denth nee	ded to document the	indicator or co	onfirm the a	bsence o	f indicators)		
Depth	Matrix	ne deptir nee		edox Features	Jillilli tile u	bacilioc o	maioators.,		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Rema	ırks
0-4"	10YR 3/2	100	(,				Loam		
4-18"	10YR 4/2	70					Loam		
4-10	10YR 3/2	30					Louin		
	1011(3/2								
		- — –							
		- — –							
¹ Tumo: C=C	encentration D=Deplet	ion BM-Bod	used Matrix, CS=Cayor	end or Control S	and Crains	² l essti	on: PL=Pore Lining	M-Metrix	
Hydric Soil I	oncentration, D=Deplet	ion, Kivi–Real	iced Matrix, CS-Cover	ed or Coaled S	and Grains.		t Indicators of Hyd		
Histoso			Sandy Glev	ed Matrix (S4)		103	-	nese Masses (F12)	
	pipedon (A2)		Sandy Red	. ,				w Dark Surface (F22	2)
	listic (A3)		Stripped Ma	, ,				lain in Remarks)	•
Hydrog	en Sulfide (A4)		Dark Surface	ce (S7)				,	
Stratifie	d Layers (A5)		Loamy Muc	cky Mineral (F1)				
2 cm M	uck (A10)		Loamy Gle	yed Matrix (F2)					
	ed Below Dark Surface ((A11)	Depleted M				3		
	Park Surface (A12)			k Surface (F6)			-	ndicators have been	•
	Mucky Mineral (S1)			ark Surface (F	/)			ne Field Indicators of	•
	ucky Peat or Peat (S3)		Redox Dep	ressions (F8)			in the United S	States, Version 8.0, 2	2016.
Doctrictive	.ayer (if observed):								
	ayer (ii observed).								
Type: _						Hydric	Soil Present?	Yes	No X
Type: _ Depth (i						Hydric	Soil Present?	Yes	NoX
Type: _ Depth (i						Hydric	Soil Present?	Yes	_ NoX
Type: _ Depth (i	nches):					Hydric	Soil Present?	Yes	_ NoX
Type: Depth (i	nches):					Hydric	Soil Present?	Yes	No X
Type:	OGY Irology Indicators:	is required: ch				Hydric	Secondary Indica	itors (minimum of two	
Type: _ Depth (i Remarks: HYDROLO Wetland Hyo Primary IndiaSurface	DGY Irology Indicators: cators (minimum of one	is required: ch	Water-Stair	ned Leaves (B	9)	Hydric	Secondary Indica	ntors (minimum of two il Cracks (B6)	
Type:	DGY Irology Indicators: eators (minimum of one water (A1) ater Table (A2)	is required: ch	Water-Stair Aquatic Fa	una (B13)		Hydric	Secondary Indica Surface So Drainage P	ators (minimum of two il Cracks (B6) l'atterns (B10)	
Type:	OGY Irology Indicators: cators (minimum of one b Water (A1) ater Table (A2) ion (A3)	is required: ch	Water-Stair Aquatic Far True Aquat	una (B13) ic Plants (B14)		Hydric	Secondary Indica Surface So Drainage P Dry-Seasor	ators (minimum of two il Cracks (B6) atterns (B10) n Water Table (C2)	
Type: _ Depth (i Remarks: HYDROL Wetland Hyc Primary Indic Surface High W Saturat Water I	DGY Irology Indicators: cators (minimum of one water (A1) ater Table (A2) ion (A3) Marks (B1)	is required: ch	Water-Stair Aquatic Far True Aquat Hydrogen S	una (B13) ic Plants (B14) Sulfide Odor (C	1)		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	ators (minimum of two il Cracks (B6) latterns (B10) n Water Table (C2) urrows (C8)	o required)
Type:	Inches): DGY Irology Indicators: Eators (minimum of one is Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2)	is required: ch	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or	1) Living Root		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	ators (minimum of two il Cracks (B6) latterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imag	o required) gery (C9)
Type: Depth (iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	DGY Irology Indicators: eators (minimum of one of Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) iposite (B3)	is required: ch	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or of Reduced Iron	1) n Living Root n (C4)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or	ators (minimum of two il Cracks (B6) latterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imag Stressed Plants (D1)	o required) gery (C9)
Type: Depth (i Remarks: HYDROL Wetland Hyc Primary India Surface High W Saturat Water I Sedime Drift De Algal M	Inches): DGY Irology Indicators: Eators (minimum of one of the Water (A1) Eater Table (A2) Eator (A3) Marks (B1) Ent Deposits (B2) Eposite (B3) Eat or Crust (B4)	is required: ch	Water-Stair Aquatic Far True Aquat Hydrogen S Oxidized R Presence of Recent Iror	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or of Reduced Iror on Reduction in	1) n Living Root n (C4)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of two il Cracks (B6) latterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imag Stressed Plants (D1) c Position (D2)	o required) gery (C9)
Type: Depth (ii Remarks: HYDROLO Wetland Hyo Primary Indio Surface High W Saturat Water I Sedime Drift De Algal M Iron De	Irology Indicators: cators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) posits (B3) at or Crust (B4) posits (B5)		Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or of Reduced Iror n Reduction in Surface (C7)	1) n Living Root n (C4)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two il Cracks (B6) latterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imag Stressed Plants (D1)	o required) gery (C9)
Type: Depth (ii Remarks: HYDROLO Wetland Hyo Primary Indio Surface High W Saturat Water I Sedime Drift De Algal M Iron De Inundat	Inches): DGY Irology Indicators: Eators (minimum of one of the Water (A1) of the Water (A2) of the Water (B1) of the Deposits (B2) of the Deposits (B3) of the Crust (B4)	agery (B7)	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or of Reduced Iror on Reduction in	1) Living Root (C4) Tilled Soils (s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of two il Cracks (B6) latterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imag Stressed Plants (D1) c Position (D2)	o required) gery (C9)
Type: Depth (i Remarks: HYDROL Wetland Hyc Primary India Surface High W Saturat Water I Sedime Drift De Algal M Iron De Inundat Sparse	DGY Irology Indicators: Eators (minimum of one of water (A1) ater Table (A2) ion (A3) Marks (B1) ion Deposits (B2) ioposite (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Im-	agery (B7)	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or of Reduced Iror on Reduction in Surface (C7) Vell Data (D9)	1) Living Root (C4) Tilled Soils (s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of two il Cracks (B6) latterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imag Stressed Plants (D1) c Position (D2)	o required) gery (C9)
Type: Depth (i Remarks: HYDROL Wetland Hyc Primary India Surface High W Saturat Water I Sedime Drift De Algal M Iron De Inundat Sparse	DGY Irology Indicators: Eators (minimum of one of water (A1) ater Table (A2) ion (A3) Marks (B1) ion (Deposits (B2) ion of the original original original original original original original original origina	agery (B7)	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or of Reduced Iror n Reduction in Surface (C7) Vell Data (D9) lain in Remarks	1) Living Root (C4) Tilled Soils (s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of two il Cracks (B6) latterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imag Stressed Plants (D1) c Position (D2)	o required) gery (C9)
Type: Depth (ii Remarks: HYDROL Wetland Hyd Primary India Surface High W Saturat Water I Sedime Drift De Algal M Iron De Inundat	Irology Indicators: Eators (minimum of one of Water (A1) Irology Indicators: Eators (minimum of one of Water (A2) Irologo (A3) Marks (B1) Irologo (B2) Irologo (B3) Irologo (B4) Irologo (B4) Irologo (B5) Irologo (B	agery (B7) Surface (B8)	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence o Recent Iror Thin Muck Gauge or V Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or of Reduced Iror n Reduction in Surface (C7) Vell Data (D9) lain in Remarks	1) Living Root (C4) Tilled Soils (s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of two il Cracks (B6) latterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imag Stressed Plants (D1) c Position (D2)	o required) gery (C9)
Type: Depth (i Pemarks: HYDROL Wetland Hyc Primary India Surface High W Saturat Water I Sedime Drift De Algal M Iron De Inundat Sparse Field Observ Surface Wat	procession of the process of the pro	agery (B7) Surface (B8) Yes No Yes No	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or of Reduced Iror of Reduction in Surface (C7) Vell Data (D9) lain in Remarks s): N/A N/A	1) a Living Root a (C4) Tilled Soils (s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of two il Cracks (B6) latterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imag Stressed Plants (D1) c Position (D2)	o required) gery (C9)

Project/Site:	Pleasant Prairie							City/Cou	nty: G	Grove City/Fran	nklin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy							St	ate: C	ЭН	Sampling Point:	dp108
Investigator(s):	C Renskers								Se	ection, Townsh	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):		Summit						_	Loc	cal relief (concave, convex, none): r	none
Slope (%):	0%	Lat:		39.879	4			Long:			-83.1773	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 pe	rcent slopes (Ko)							NWI classifi	ication: PEM1A
Are climatic / hydrol	ogic conditions on the	site typical f	or this time of yea	ar?				Y	es >	X No_	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	sig	nificantly dist	urbed?		Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydrology	N	na	turally probler	natic?		(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site n	nap showing	sampling point	locations	s, trar	sects, imp	portant feat	tures	s, etc.		
Hydrophytic Veg	getation Present?			Yes		No	Х	ls t	he S	ampled Ar	ea	
Hydric Soil Pres				Yes	_	No	Х			Wetland?		No <u>x</u>
Wetland Hydrol	ogy Present?			Yes	_	No	Х					
Remarks: VEGETATION -	Use scientific n	ames of	plants.									
							Absolute	Dominant		Indicator		
Tree Stratum (Plot	size: 30' radius)					-	% Cover	Species?		Status	Dominance Test worksheet:	
1												
2											Number of Dominant Species	
3.											That Are OBL, FACW, or FAC:	(A)
4												
5											Total Number of Dominant	
								= Total Cover			Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radiu	ıs)									Percent of Dominant Species	
1											That Are OBL, FACW, or FAC:	(A/B)
2												
3												
4											Prevalence Index worksheet:	
5.												
								= Total Cover			Total % Cover of:	Multiply by:
											That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)			-							OBL species	x1 =
1. Glycine max						— -	70%	Yes		UPL	FACW species	x2 =
2						— -					FAC species	x3 =
3.						— -					FACU species	x4 =
4						— -					UPL species 70%	x5 = 3.50
5						— -					Column Totals: 70%	(A) 3.50 (B)
6						— -						
·						— -					Prevalence Index = E	B/A = 5.00
°.						— -						
9						— -						
11.						— -					Hydrophytic Vegetation Indicat	.ors.
12.						— -					1 Danid Toot for Undran	hutia Vacatatian
						— -					1-Rapid Test for Hydrop 2-Dominance Test is >5	
13						— -					3-Prevalence Index is ≤	
15.						— -					_	itions ¹ (Provide supporting
16.						— -					data in Remarks or on a	
17.						— -					1	ic Vegetation ¹ (Explain)
18.												(=,,==,,
19.						— -					¹ Indicators of hydric soil and wetle	and hydrology must
20.						— -					be present, unless disturbed or p	
						— -	70%	= Total Cover			be present, unless disturbed of p	Towns Hally.
							,070	- rotal cover				
Woody Vine Stratus	n (Plot size: 30' radius)									Hydrophytic	
											Vegetation	
2.						— -						No X
I						— -		= Total Cover			-	
						-						
Remarks: (Include	photo numbers here or	on a senar	ate sheet)								1	
, and the transfer		a sopuli										

SOIL							Sam	pling Point:	dp108	
	rintion: (Describe to	the denth nee	eded to document the in	ndicator or co	onfirm the a	hsence o			•	
Depth	Matrix	are departmen		dox Features	minim the a	bacilice o	maicators.			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Re	marks	
0-3"	10YR 3/2	100	Color (molety		- 7/2-		Loam			
3-18"	10YR 3/2	97	10YR 4/4	3			Loam			
				· ——						
							· ——			
				· ——						
1=						21				
Hydric Soil		tion, Rivi=Red	uced Matrix, CS=Covere	d or Coated S	and Grains.		on: PL=Pore Lining			
Histos			Sandy Gleve	ed Matrix (S4)		ies	-	nese Masses (F1)	2)	
	Epipedon (A2)		Sandy Redo	, ,				w Dark Surface (F	-	
	Histic (A3)		Stripped Mar	, ,				ain in Remarks)		
	en Sulfide (A4)		Dark Surface	, ,				,		
Stratific	ed Layers (A5)		Loamy Muck	y Mineral (F1)					
2 cm N	luck (A10)		Loamy Gleye	ed Matrix (F2)						
	ed Below Dark Surface	(A11)	Depleted Ma							
	Dark Surface (A12)		Redox Dark	, ,			-	idicators have bee	-	
	Mucky Mineral (S1)			rk Surface (F	7)			e Field Indicators	-	oils
5 cm N	lucky Peat or Peat (S3)		Podov Donr						1 2016	
	racky reak or reak (66)		Redox Depic	essions (F8)			in the United S	States , Version 8.0	0, 2016.	
	_ayer (if observed):		Redox Dept	essions (F8)			in the United S	States , Version 8.0	J, 2016.	
Restrictive	_ayer (if observed):		. Redox Depir	essions (F8)						
Restrictive			Redux Depir	essions (F8)		Hydric	in the United S	Yes	No	X
Restrictive	_ayer (if observed):		. Redox Depir	essions (F8)		Hydric				X
Restrictive Type: Depth (_ayer (if observed):		. Redox Depir	essions (F8)		Hydric				x
Restrictive Type: Depth (_ayer (if observed):		. Redox Depir	essions (F8)		Hydric				X
Restrictive Type: Depth (_ayer (if observed):		. Redox Depir	essions (F8)		Hydric				х
Restrictive Type: _ Depth (_ayer (if observed):		. Redox Depir	essions (F8)		Hydric				х
Restrictive Type: _ Depth (_ayer (if observed):		. Redox Depir	essions (F8)		Hydric				x
Restrictive Type: _ Depth (Remarks:	_ayer (if observed):			essions (F8)		Hydric				x
Restrictive Type: _ Depth (Remarks: HYDROL Wetland Hyd	OGY drology Indicators: cators (minimum of one		heck all that apply)			Hydric	Soil Present?	Yestors (minimum of	No	
Restrictive Type: _ Depth (Remarks: HYDROL Wetland Hyd	ayer (if observed): inches): OGY drology Indicators:		heck all that apply)	essions (F8)	9)	Hydric	Soil Present?	Yes	No	
Restrictive Type: Depth (Remarks: HYDROL Wetland Hy Primary Indi Surface	OGY drology Indicators: cators (minimum of one		heck all that apply)	ed Leaves (BS	9)	Hydric	Soil Present? Secondary Indica Surface So Drainage P	tors (minimum of ill Cracks (B6) atterns (B10)	No	
Restrictive Type: Depth (Remarks: HYDROL Wetland Hy Primary Indi Surface High W Satura	OGY drology Indicators: cators (minimum of one e Water (A1) //ater Table (A2) tion (A3)		heck all that apply) Water-Staine Aquatic Fau	ed Leaves (B9 na (B13) c Plants (B14)		Hydric	Secondary Indica Surface So Drainage P Dry-Seasor	tors (minimum of ill Cracks (B6) atterns (B10) n Water Table (C2	No	
Restrictive Type: _ Depth (Remarks: HYDROL Wetland Hyu Primary Indi Surfac High W Satura Water	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1)		heck all that apply) Water-Staine Aquatic Faue True Aquatic Hydrogen St	ed Leaves (B9 na (B13) c Plants (B14) ulfide Odor (C	1)		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	tors (minimum of till Cracks (B6) atterns (B10) to Water Table (C2) trows (C8)	No)
Restrictive Type: _	OGY drology Indicators: cators (minimum of one of Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2)		heck all that apply) Water-Staine Aquatic Faul True Aquatic Hydrogen Si Oxidized Rh	ed Leaves (BS na (B13) c Plants (B14) ulfide Odor (C izospheres on	1) Living Root		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation	tors (minimum of till Cracks (B6) atterns (B10) to Water Table (C2) wisible on Aerial Ir	Nowo required)
Restrictive Type: Depth (Remarks: HYDROL Wetland Hyr Primary Indi Surface High W Satura Water Sedime Drift De	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3)		heck all that apply) Water-Staine Aquatic Faul True Aquatic Hydrogen Staine Oxidized Rh	ed Leaves (BS na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron	1) Living Root (C4)	es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or	tors (minimum of till Cracks (B6) atterns (B10) in Water Table (C2) wisible on Aerial In Stressed Plants (E	Nowo required)
Restrictive Type: Depth (Remarks: HYDROL Wetland Hy Primary Indi Surface High W Satura Water Sedime Drift De	OGY drology Indicators: cators (minimum of one e Water (A1) //ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) flat or Crust (B4)		heck all that apply) Water-Staine Aquatic Faul True Aquatic Hydrogen Staine Oxidized Rh Presence of Recent Iron	ed Leaves (BS na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in T	1) Living Root (C4)	es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of till Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial In Stressed Plants (Ec Position (D2)	Nowo required)
Restrictive Type: Depth (Remarks: HYDROL Wetland Hy Primary Indi Surfac High W Satura Water Sedim Drift Do Algal M	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) flat or Crust (B4) eposits (B5)	is required: c	heck all that apply) Water-Staine Aquatic Faue True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck S	ed Leaves (BS na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in T surface (C7)	1) Living Root (C4)	es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or	tors (minimum of till Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial In Stressed Plants (Ec Position (D2)	Nowo required)
Restrictive Type: Depth (Remarks: HYDROL Wetland Hy Primary Indi Surfac High W Satura Water Sedim Drift Do Algal M Iron De Inunda	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) flat or Crust (B4) eposits (B5) tion Visible on Aerial Im	is required: c	heck all that apply) Water-Staine Aquatic Faue True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck Si Gauge or W	ed Leaves (BS) na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in curface (C7) ell Data (D9)	1) Living Root (C4) Filled Soils (es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of till Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial In Stressed Plants (Ec Position (D2)	Nowo required)
Restrictive Type: Depth (Remarks: HYDROL Wetland Hy Primary Indi Surfac High W Satura Water Sedim Drift Do Algal M Iron De Inunda	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) flat or Crust (B4) eposits (B5)	is required: c	heck all that apply) Water-Staine Aquatic Faue True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck Si Gauge or W	ed Leaves (BS na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in T surface (C7)	1) Living Root (C4) Filled Soils (es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of till Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial In Stressed Plants (Ec Position (D2)	Nowo required)
Restrictive Type: Depth (Remarks: HYDROL Wetland Hy Primary Indi Surface High W Satura Water Sedime Drift De Algal N Iron De Inunda Sparse	OGY drology Indicators: cators (minimum of one of Water (A1) dater Table (A2) dion (A3) Marks (B1) ent Deposits (B2) eposits (B3) dat or Crust (B4) eposits (B5) tion Visible on Aerial Imply Vegetated Concave ovations:	ris required: considerate of the considerate (B7) Surface (B8)	heck all that apply) Water-Staine Aquatic Faue True Aquatic Hydrogen Staine Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	ed Leaves (BS na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in T surface (C7) ell Data (D9) nin in Remarks	1) Living Root (C4) Filled Soils (es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of till Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial In Stressed Plants (Ec Position (D2)	Nowo required)
Restrictive Type: Depth (Remarks: HYDROL Wetland Hy Primary Indi Surfac High W Satura Water Sedime Drift De Algal M Iron De Inunda Sparse Field Obser Surface Wa	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) flat or Crust (B4) eposits (B5) tion Visible on Aerial Imply Vegetated Concave evations: ter Present?	nagery (B7) Surface (B8)	heck all that apply) Water-Staine Aquatic Faue True Aquatic Hydrogen Staine Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or We Other (Explaine)	ed Leaves (BS) na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in 7 iurface (C7) ell Data (D9) nin in Remarks	1) Living Root (C4) Filled Soils (es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of till Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial In Stressed Plants (Ec Position (D2)	Nowo required)
Restrictive Type: Depth (Remarks: HYDROL Wetland Hy Primary Indi Surface High W Satura Water Sedime Drift De Algal N Iron De Inunda Sparse	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) flat or Crust (B4) eposits (B5) tion Visible on Aerial Im ly Vegetated Concave vations: ter Present?	nagery (B7) Surface (B8) Yes No Yes No	heck all that apply) Water-Staine Aquatic Faue True Aquatic Hydrogen Staine Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or We Other (Explaine)	ed Leaves (BS) na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in T surface (C7) ell Data (D9) nin in Remarks): N/A N/A	1) Living Root (C4) Filled Soils (rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of till Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial In Stressed Plants (Ec Position (D2)	Nowo required)

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

Project/Site:	Pleasant Prairie							City/Cour	ty: Grove C	City/Fran	klin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy							Sta	te: OH		Sampling Point:	dp109
Investigator(s):	C Renskers								Section,	Townshi	ip, Range: N/A	***
Landform (hillslope,	terrace, etc.):		Summit						_	Loc	al relief (concave, convex, none): n	one
Slope (%):	0%	Lat:		39.878	2			Long:			-83.178	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loan	n, 0 to 2 pe	rcent slopes (Ko)								NWI classific	cation: PEM1A
Are climatic / hydrol	ogic conditions on the s	ite typical fo	or this time of yea	r?				Ye	s_X_	No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	sign	nificantly dist	urbed?	Are	"Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydrology	N	natu	urally problen	natic?	(If r	needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Attac	ch site m	ap showing	sampling point	locations	s, trans	sects, imp	ortant feat	ures, etc			
Hydrophytic Veg	getation Present?			Yes		No	X	ls th	e Sampl	ed Are	ea	
Hydric Soil Pres				Yes	_	No _	Х	with	in a Wet	land?	Yes	No <u>x</u>
Wetland Hydrol	ogy Present?			Yes	_	No_	Х					
Remarks: VEGETATION -	Use scientific na	ames of	plants.									
							Absolute	Dominant	Indica	ator		
Tree Stratum (Plot	size: 30' radius)					_	% Cover	Species?	Stat	us	Dominance Test worksheet:	
1												
2.											Number of Dominant Species	
3.											That Are OBL, FACW, or FAC:	(A)
4												
5.											Total Number of Dominant	
								= Total Cover			Species Across All Strata:	1 (B)
	um (Plot size: 15' radiu:	s) .									Percent of Dominant Species	
1											That Are OBL, FACW, or FAC:	(A/B)
2.												
3						— –						
4						— –					Prevalence Index worksheet:	
5.								= Total Cover			Total % Cover of:	Multiply by:
								- Total Cover			That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)										OBL species	x1 =
1. Glycine max	_			•			80%	Yes	UP	L	FACW species	x2 =
2.											FAC species	x3 =
3.											FACU species	x4 =
4.											UPL species 80%	x5 = 4.00
5.											Column Totals: 80%	(A) 4.00 (B)
6.												
7.											Prevalence Index = B	i/A = 5.00
8.												
9.												
10.											Hydrophytic Vegetation Indicate	ors:
11.												
12.											1-Rapid Test for Hydrop	hytic Vegetation
13.											2-Dominance Test is >5	0%
14.											3-Prevalence Index is ≤3	3.01
15.											4-Morphological Adaptat	tions ¹ (Provide supporting
16.											data in Remarks or on a	
17											Problematic Hydrophytic	: Vegetation ¹ (Explain)
18.												
19.											¹ Indicators of hydric soil and wetla	and hydrology must
20.											be present, unless disturbed or p	roblematic.
							80%	= Total Cover				
Woody Vine Stratun	n (Plot size: 30' radius)	٠.									Hydrophytic	
											Vegetation	
2											Present? Yes_	NoX
						_		= Total Cover				
											<u> </u>	
Remarks: (Include	photo numbers here or	on a separa	te sheet.)									

SOIL							Sam	pling Point:	dp109	
	crintion: (Describe to	the denth ne	eded to document the in	ndicator or co	onfirm the a	hsence o			тр. се	
Depth	Matrix	the depth he		dox Features	Jillii ili ilic u	bacilloc o	maioators.,			
(inches)	Color (moist)	———— — %	Color (moist)	%	Type ¹	Loc ²	Texture	Rei	marks	
0-3"	10YR 3/2	100	Color (molety		- 7/1-2		Loam			
3-18"	10YR 3/2	97	10YR 4/4	3			Loam			
							· ——			
1- 0.6						2, ,,				
	Concentration, D=Deple Indicators ³ :	tion, RM=Red	luced Matrix, CS=Covere	ed or Coated S	and Grains.		on: PL=Pore Lining			
-	ol (A1)		Sandy Glove	ed Matrix (S4)		ies	Indicators of Hyd	nc Solls: nese Masses (F12	2)	
	Epipedon (A2)		Sandy Redo	, ,				w Dark Surface (F	-	
	Histic (A3)		Stripped Ma	, ,				ain in Remarks)		
	gen Sulfide (A4)		Dark Surface	, ,				,		
	ed Layers (A5)			ky Mineral (F1)					
2 cm N	luck (A10)		Loamy Gley	ed Matrix (F2)						
Deplet	ed Below Dark Surface	(A11)	Depleted Ma	atrix (F3)						
	Dark Surface (A12)			Surface (F6)			-	idicators have bee	-	
	Mucky Mineral (S1)			ark Surface (F	7)			e Field Indicators	-	oils
5 cm N	Mucky Peat or Peat (S3)		Redox Depr	essions (F8)			in the United S	States , Version 8.0), 2016.	
Restrictive	Layer (if observed):									
Туре:			-							
Туре:	inches):		- -			Hydric	Soil Present?	Yes	No_	Х
Type: _ Depth (-			Hydric	Soil Present?	Yes	No	Х
Type: _ Depth (-			Hydric	Soil Present?	Yes	No	<u> </u>
Type: _ Depth (-			Hydric	Soil Present?	Yes	No	х
Type: _ Depth (-			Hydric	Soil Present?	Yes	No	X
Type: _ Depth (-			Hydric	Soil Present?	Yes	No	X
Type: _ Depth (Remarks:	inches):		-			Hydric	Soil Present?	Yes	No	X
Type:	inches):		-			Hydric	Soil Present?	Yes	No	X
Type:	OGY drology Indicators: cators (minimum of one	e is required: c	- - - - - - - - - - - - - - - - - - -			Hydric	3.	Yestors (minimum of t		
Type:	OGY drology Indicators:	e is required: c		ed Leaves (B	9)	Hydric	Secondary Indica			
Type: _ Depth (Remarks: HYDROL Wetland Hy Primary Indi Surfac	OGY drology Indicators: cators (minimum of one	e is required: c			9)	Hydric	Secondary Indica	tors (minimum of t		
Type: _ Depth (Remarks: HYDROL Wetland Hy Primary Indi Surfac High W	OGY drology Indicators: cators (minimum of one	e is required: c	Water-Stain Aquatic Fau			Hydric	Secondary Indica Surface So Drainage P	tors (minimum of t	wo required	
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1)	e is required: c	Water-Stain Aquatic Fau True Aquati Hydrogen S	na (B13) c Plants (B14) ulfide Odor (C	1)		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	tors (minimum of till Cracks (B6) atterns (B10) to Water Table (C2) trows (C8)	wo required)
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2)	e is required: c	Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh	na (B13) c Plants (B14) ulfide Odor (C iizospheres on	1) Living Root		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	tors (minimum of t il Cracks (B6) atterns (B10) n Water Table (C2 irrows (C8) Visible on Aerial In	wo required)
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3)	e is required: c	Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of	na (B13) c Plants (B14) ulfide Odor (C iizospheres on Reduced Iron	1) Living Root (C4)	es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or	tors (minimum of t il Cracks (B6) atterns (B10) n Water Table (C2 urrows (C8) Visible on Aerial In Stressed Plants (C	wo required)
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4)	e is required: c	Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron	na (B13) c Plants (B14) ulfide Odor (C iizospheres or Reduced Iron Reduction in	1) Living Root (C4)	es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of t il Cracks (B6) atterns (B10) n Water Table (C2 urrows (C8) Visible on Aerial In Stressed Plants (D c Position (D2)	wo required)
Type:	oGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5)	·	Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck Si	na (B13) c Plants (B14) ulfide Odor (C iizospheres or Reduced Iron Reduction in	1) Living Root (C4)	es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of t il Cracks (B6) atterns (B10) n Water Table (C2 urrows (C8) Visible on Aerial In Stressed Plants (C	wo required)
Type:	oGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Vat or Crust (B4) eposits (B5) tion Visible on Aerial In	nagery (B7)	Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	na (B13) c Plants (B14) ulfide Odor (C izospheres or Reduced Iron Reduction in Surface (C7) fell Data (D9)	1) Living Root (C4) Tilled Soils (es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of t il Cracks (B6) atterns (B10) n Water Table (C2 urrows (C8) Visible on Aerial In Stressed Plants (D c Position (D2)	wo required)
Type:	oGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5)	nagery (B7)	Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	na (B13) c Plants (B14) ulfide Odor (C iizospheres or Reduced Iron Reduction in	1) Living Root (C4) Tilled Soils (es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of t il Cracks (B6) atterns (B10) n Water Table (C2 urrows (C8) Visible on Aerial In Stressed Plants (D c Position (D2)	wo required)
Type: Depth (Remarks: HYDROL Wetland Hyr Primary Indi Surfac High W Satura Water Sedim Drift Dr Algal N Iron De Inunda Sparse Field Obser	inches): OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) tion Visible on Aerial In ely Vegetated Concave	nagery (B7)	Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	na (B13) c Plants (B14) ulfide Odor (C izospheres or Reduced Iron Reduction in Surface (C7) fell Data (D9)	1) Living Root (C4) Tilled Soils (es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of t il Cracks (B6) atterns (B10) n Water Table (C2 urrows (C8) Visible on Aerial In Stressed Plants (D c Position (D2)	wo required)
Type: Depth (Remarks: HYDROL Wetland Hyr Primary Indi Surface High W Satura Water Sedim Drift Dr Algal N Iron De Inunda Sparsee Surface Wa	inches): OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Vat or Crust (B4) eposits (B5) tion Visible on Aerial In ely Vegetated Concave vations: ter Present?	nagery (B7) Surface (B8) Yes No	Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	na (B13) c Plants (B14) ulfide Odor (C izospheres or Reduced Iron Reduction in Surface (C7) dell Data (D9) ain in Remarks	1) Living Root (C4) Tilled Soils (es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of t il Cracks (B6) atterns (B10) n Water Table (C2 urrows (C8) Visible on Aerial In Stressed Plants (D c Position (D2)	wo required)
Type: Depth (Remarks: HYDROL Wetland Hyr Primary Indi Surfac High W Satura Water Sedim Drift Dr Algal N Iron De Inunda Sparse Field Obser	inches): OGY drology Indicators: cators (minimum of one e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) tion Visible on Aerial In ely Vegetated Concave vations: ter Present?	nagery (B7) Surface (B8) Yes No Yes No	Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	na (B13) c Plants (B14) ulfide Odor (C izospheres or Reduced Iron Reduction in Surface (C7) fell Data (D9) ain in Remarks s): N/A N/A	1) Living Root (C4) Tilled Soils (rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	tors (minimum of t il Cracks (B6) atterns (B10) n Water Table (C2 urrows (C8) Visible on Aerial In Stressed Plants (D c Position (D2)	wo required)

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

Project/Site:	Pleasant Prairie							City/County	: Galloway/Frank	din	Sampling Date: 9/30/2020	.0
Applicant/Owner:	Inenergy							State	: OH	Sampling Point:	dp110	
Investigator(s):	C Renskers							_	Section, Townsh	nip, Range: N/A	***	
Landform (hillslope,	terrace, etc.):		Summit						Loc	cal relief (concave, convex, none):	none	
Slope (%):	0%	Lat:		39.9096	6		Lo	ong:		-83.1804	Datum: NAD83 UTM16	6N
Soil Map Unit Name:	: Kokomo silty clay loa	m, 0 to 2 pe	ercent slopes (Ko)							NWI classif	fication: none	
Are climatic / hydrolo	ogic conditions on the	site typical f	or this time of year	?				Yes	X No	(If no, explain in Remarks.)		
Are Vegetation	N	, Soil	N	, or Hydrology	N	significantly	disturbed	1?	Are "Norm	al Circumstances" present?	Yes X No	_
Are Vegetation	N	, Soil	N	, or Hydrology	N	naturally pro	oblematic?	?	(If needed,	, explain any answers in Remarks.)	ı	
SUMMARY OF	FINDINGS Atta	ch site n	nap showing s	sampling point l	ocations,	transects,	importa	ant featu	res, etc.			
Hydrophytic Veg	getation Present?			Yes x		No		Is the	Sampled Ar	ea		
Hydric Soil Pres	ent?			Yes		No x		withir	n a Wetland?	Yes	Nox	
Wetland Hydrolo	ogy Present?			Yes		No x						
Remarks: VEGETATION -	- Use scientific r	names of	plants.			Absolu	te [Dominant	Indicator	ı		
Tree Stratum (Plot s	size: 30' radius)					% Cov		Species?	Status	Dominance Test worksheet:		
1.	,											
2.										Number of Dominant Species		
3.										That Are OBL, FACW, or FAC:	2 ((A)
4.												
5.										Total Number of Dominant		
							= To	tal Cover		Species Across All Strata:	2 (1	(B)
Sapling/Shrub Stratu	um (Plot size: 15' radi	us)								Percent of Dominant Species		
1.										That Are OBL, FACW, or FAC:	100% (/	(A/B)
2.												
3.												
4.										Prevalence Index worksheet:		
5.												
							= To	tal Cover		Total % Cover of:	Multiply by:	_
										That Are OBL, FACW, or FAC:	<u> </u>	∜B_
Herb Stratum (Plot :	size: 5' radius)									OBL species	x1 =	_
Setaria glauca						50%		Yes	FAC	FACW species 70%	x2 = 1.40	_
2. Panicum dichoto						50%		Yes	FACW	FAC species 50%	x3 = 1.50	_
3. Persicaria macu	ilosa					20%		No	FACW	FACU species	x4 =	_
4							— —			UPL species	x5 =	_
5							— —			Column Totals: 120%	(A) 2.90	(B)
6												
7							— —			Prevalence Index =	B/A = 2.42	_
8							— —					
9												
10.							— —			Hydrophytic Vegetation Indica	tors:	
11.										4.5-117-16-114		
12.										1-Rapid Test for Hydro		
13.							— —			2-Dominance Test is >: 3-Prevalence Index is >:		
14. 15.										I —	ations ¹ (Provide supporting	
16.										data in Remarks or on		
17.										1	tic Vegetation ¹ (Explain)	
18.										<u> </u>	(
19.										¹ Indicators of hydric soil and wet	land hydrology must	
20.										be present, unless disturbed or		
						120%	= Tot	tal Cover		20 process, amoss disturbed of		
						12070	10i	.3. 00101				
Woody Vine Stratum	(Plot size: 30' radius	s)								Hydrophytic		
	<u>r</u> (1 101 3120. 30 14414.									Vegetation		
2.											X No	
							= Tot	tal Cover				
							_					
Remarks: (Include r	photo numbers here or	on a separ	ate sheet.)							•		
mowed			-									

SOIL	mintions (December to t		ladda daarmantiba				2012004	pling Point: dp110
	cription: (Describe to t	the depth need			onfirm the a	bsence of	findicators.)	
Depth (inches)	Matrix Color (moist)	——————————————————————————————————————	Color (moist)	edox Features %	Type ¹	Loc ²	Texture	Remarks
			Color (moist)		Туре	LOC		Remarks
0-8"	10YR 2/2	_ 100					Loam	
8-18"	10YR 3/2						Clay Loam	
		- — –					· ——	
		- — —						
		- — —						
		- — —						
	Concentration, D=Deplet	tion, RM=Redu	ced Matrix, CS=Cover	ed or Coated S	Sand Grains.		on: PL=Pore Lining	
Hydric Soil			Sandy Clay	and Matrix (C4)		Test	t Indicators of Hyd	
Histoso	Epipedon (A2)		Sandy Gley	ed Matrix (S4))			nese Masses (F12) ow Dark Surface (F22)
	Histic (A3)		Stripped Ma					lain in Remarks)
	gen Sulfide (A4)		Dark Surface	, ,				,
Stratific	ed Layers (A5)		Loamy Muc	ky Mineral (F1)			
2 cm N	luck (A10)		Loamy Gley	ed Matrix (F2))			
	ed Below Dark Surface	(A11)	Depleted M				2	
	Dark Surface (A12)			Surface (F6)			•	ndicators have been updated to
	Mucky Mineral (S1)			ark Surface (F	7)			ne Field Indicators of Hydric Soils
	flucky Peat or Peat (S3)		Redox Dep	ressions (F8)			in the United C	States , Version 8.0, 2016.
Doctrictive								
_	Layer (if observed):							
Туре:						Lludvia	Sail Bragant?	Voc. No. V
Type: _ Depth (inches):					Hydric	Soil Present?	Yes NoX
Туре:						Hydric	Soil Present?	Yes NoX
Type: _ Depth (Hydric	Soil Present?	Yes NoX
Type: _ Depth (Hydric	Soil Present?	Yes NoX
Type: _ Depth (Hydric	Soil Present?	Yes NoX
Type: _ Depth (Remarks:	inches):					Hydric	Soil Present?	Yes NoX
Type:	OGY					Hydric	Soil Present?	Yes NoX
Type: _ Depth (Remarks: HYDROL Wetland Hy	OGY drology Indicators:	is required; ch	eck all that apply)			Hydric	T	
Type:	OGY drology Indicators: cators (minimum of one	is required: ch		ned Leaves (B	9)	Hydric	Secondary Indica	ators (minimum of two required)
Type: _ Depth (Remarks: HYDROL Wetland Hyd Primary Indi Surface	OGY drology Indicators: cators (minimum of one e Water (A1)	is required: ch	Water-Stair	ned Leaves (B una (B13)	9)	Hydric	Secondary Indica	ntors (minimum of two required) il Cracks (B6)
Type: _ Depth (Remarks: HYDROL Wetland Hy Primary Indi Surface High W	OGY drology Indicators: cators (minimum of one	is required: ch	Water-Stair Aquatic Fau			Hydric	Secondary Indica Surface So Drainage P	ators (minimum of two required)
Type: _ Depth (Remarks: HYDROL Wetland Hy Primary Indi Surface High W Satura	OGY drology Indicators: cators (minimum of one e Water (A1) //ater Table (A2)	is required: ch	Water-Stair Aquatic Fau True Aquat	una (B13))	Hydric	Secondary Indica Surface So Drainage P Dry-Season	ators (minimum of two required) il Cracks (B6) l'atterns (B10)
Type: _ Depth (Remarks: HYDROL Wetland Hy Primary Indi Surfac High W Satura Water	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3)	is required: ch	Water-Stair Aquatic Fau True Aquat Hydrogen S	una (B13) ic Plants (B14)) :1)		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	ators (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2)
Type: _ Depth (Remarks: HYDROL Wetland Hy Primary Indi Surfac High W Satura Water Sedime	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1)	is required: ch	Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized R	una (B13) ic Plants (B14) Sulfide Odor (C) :1) n Living Root		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	ators (minimum of two required) il Cracks (B6) ratterns (B10) n Water Table (C2) urrows (C8)
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2)	is required: ch	Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized RI	una (B13) ic Plants (B14) Sulfide Odor (C nizospheres on) c1) n Living Root n (C4)	rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or	ators (minimum of two required) il Cracks (B6) ratterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9)
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3)	is required: ch	Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized R! Presence o	una (B13) ic Plants (B14) Sulfide Odor (C nizospheres of f Reduced Iron) c1) n Living Root n (C4)	rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or	ators (minimum of two required) il Cracks (B6) latterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Type:	oGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial Im	nagery (B7)	Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck Gauge or V	una (B13) ic Plants (B14) culfide Odor (Conizospheres of f Reduced Iron Reduction in Surface (C7) Vell Data (D9)) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface So Drainage F Dry-Seasol Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two required) il Cracks (B6) latterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Type:	oGY drology Indicators: cators (minimum of one e Water (A1) //ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5)	nagery (B7)	Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (Conizospheres of f Reduced Iron Reduction in Surface (C7)) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface So Drainage F Dry-Seasol Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two required) il Cracks (B6) latterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial Im	nagery (B7)	Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck Gauge or V	una (B13) ic Plants (B14) culfide Odor (Conizospheres of f Reduced Iron Reduction in Surface (C7) Vell Data (D9)) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface So Drainage F Dry-Seasol Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two required) il Cracks (B6) latterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Type: Depth (Remarks: HYDROL Wetland Hyu Primary Indi Surface High W Satura Water Sedime Drift De Algal N Iron De Inunda Sparse	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial Im ely Vegetated Concave S vations:	nagery (B7)	Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck Gauge or V	una (B13) ic Plants (B14) culfide Odor (Conizospheres or f Reduced Iror Reduction in Surface (C7) Vell Data (D9) ain in Remark) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface So Drainage F Dry-Seasol Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two required) il Cracks (B6) latterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Type: Depth (Remarks: HYDROL Wetland Hye Primary Indi Surface High W Satura Water Sedime Drift De Algal N Iron De Inunda Sparsee Field Obser Surface Wa Water Table	oGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial Im ely Vegetated Concave Sevations: ter Present?	agery (B7) Surface (B8) Yes No Yes No	Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized RI Presence of Recent Iron Thin Muck Gauge or W Other (Expl	una (B13) ic Plants (B14) culfide Odor (Conizospheres of Reduced Iron Reduction in Surface (C7) Vell Data (D9) ain in Remark s): N/A N/A	c1) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface So Drainage F Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi X FAC-Neutr	ators (minimum of two required) il Cracks (B6) tatterns (B10) in Water Table (C2) turrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5)
Type: Depth (Permarks: HYDROL Wetland Hye Primary Indi Surface High W Satura Water Sedime Drift De Algal N Iron De Inunda Sparsee Field Obser Surface Wa Water Table Saturation F	oGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial Im ely Vegetated Concave Sevations: ter Present?	nagery (B7) Surface (B8)	Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized RI Presence of Recent Iron Thin Muck Gauge or W Other (Expl	una (B13) ic Plants (B14) culfide Odor (Conizospheres of Reduced Iron Reduction in Surface (C7) Vell Data (D9) ain in Remark s): N/A N/A	c1) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface So Drainage F Dry-Seasol Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two required) il Cracks (B6) latterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)

Project/Site:	Pleasant Prairie							City/County	: Galloway/Frank	lin		Sampling D	Date: 9/30/202	20
Applicant/Owner:	Inenergy							State	: OH	Sampling Poin	t:	d	p111	
Investigator(s):	C Renskers								Section, Townsh	ip, Range: N/A				
Landform (hillslope,	terrace, etc.):		Summit						Loc	al relief (concave, co	nvex, none): no	one		
Slope (%):	0%	Lat		39.91	16		ı	ong:		-83.1764		Datum:	NAD83 UTM1	6N
Soil Map Unit Name	: Westland silty clay I	oam, Southe	ern Ohio Till Plain,	0 to 2 percent slope	es (Wt)						NWI classific	ation:	none	
Are climatic / hydrol	ogic conditions on the	site typical	for this time of yea	ar?				Yes	X No	(If no, explain	in Remarks.)			
Are Vegetation	N	, Soil	N	, or Hydrology	N	significantly	disturbe	d?	Are "Norma	al Circumstances" pre	esent?	Yes	X No	
Are Vegetation	N	, Soil	N	, or Hydrology	N	naturally pr	oblemation	?	(If needed,	explain any answers	in Remarks.)			
SUMMARY OF	FINDINGS Att	ach site i	nap showing	sampling poin	t locations	s, transects,	impor	tant featu	res, etc.					
Hydrophytic Veg	getation Present?	>		Yes x		No		Is the	Sampled Are	ea				
Hydric Soil Pres	sent?			Yes x	_	No		withir	n a Wetland?		Yes	No	X	
Wetland Hydrol	ogy Present?			Yes	_	No x	_							
Remarks:	Han aniomáitin		i mlama											
VEGETATION :	Use scientific	names o	piants.			Absolu	te	Dominant	Indicator	T				
Tree Stratum (Plot	size: 30' radius)					% Cov		Species?	Status	Dominance Test	worksheet:			
1.								-						
2.										Number of Domina	nt Species			
3.										That Are OBL, FA	CW, or FAC:		2	(A)
4.														
5.										Total Number of D	ominant			
							= T	otal Cover		Species Across Al	l Strata:		3	(B)
Sapling/Shrub Strate	um (Plot size: 15' rad	lius)								Percent of Domina	nt Species			
1										That Are OBL, FA	CW, or FAC:		67%	(A/B)
2.														
3.														
4.										Prevalence Index	worksheet:			
5.														
							= T	otal Cover		Total % C			Multiply by:	
Hart Otrata (Dist	-i Eldi)									That Are OBL, FAC	CW, or FAC:	- , -	-	A/B
Herb Stratum (Plot	size: 5' radius)			-				.,		OBL species		_ ×1 = -		_
Rumex crispus	10					35%	— -	Yes	FAC	FACW species	43%	_ ×2 = -	0.86	
2. Panicum dichote						20%	— -	Yes	FACU	FAC species	35% 23%	_ x3 = -	1.05 0.92	_
Trifolium repens Persicaria macu						10%	— -	Yes No	FACW	FACU species UPL species	10%	_ x4 = -	0.50	_
Hibiscus trionum						10%	— -	No	UPL	Column Totals:	111%	x5 = - (A)	3.33	(B)
6. Persicaria pens						10%	— -	No	FACW	Column Totals.	11170	_(^) -	5.55	(6)
7. Phalaris arundir	-					3%	— -	No	FACW	Preval	ence Index = B	Δ =	3.00	
8. Schedonorus ar						3%		No	FACU		once mack - Di		0.00	_
9.														
10.										Hydrophytic Vege	etation Indicate	rs:		
11.														
12.										1-Rapid T	est for Hydroph	ytic Vegeta	ation	
13.										I —	nce Test is >50			
14.										ı —	nce Index is ≤3			
15.										4-Morpho	logical Adaptati	ons¹ (Provi	de supporting	
16.										data in R	emarks or on a	separate s	sheet)	
17.										Problema	atic Hydrophytic	Vegetation	n ¹ (Explain)	
18.										—				
19.										¹ Indicators of hydri	c soil and wetla	nd hydrolog	gy must	
20.										be present, unless	disturbed or pr	oblematic.		
						1119	= T	otal Cover						
Woody Vine Stratun	n (Plot size: 30' radio	ıs)								Hydrophytic				
1										Vegetation				
2.										Present?	Yes_	X No	_	
							= T	otal Cover						
										<u> </u>				
	photo numbers here of	or on a sepa	ate sheet.)											
mowed														

SOIL							Samp	ling Point:	dp111
Profile Desc	cription: (Describe to	the depth ne	eded to document the i	ndicator or o	confirm the a	absence o	f indicators.)		
Depth	Matrix		Re	dox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks
0-3"	10YR 3/2	97	10YR 4/4	3	c	m	Clay Loam		
3-18"	10YR 4/1	95_	10YR 4/4	5	c	m	Clay Loam		
		tion, RM=Red	luced Matrix, CS=Covere	ed or Coated	Sand Grains		ion: PL=Pore Lining,		
•	Indicators ³ :					Tes	t Indicators of Hydri		
	ol (A1)			ed Matrix (S4	•)			nese Masses (,
	Epipedon (A2)		Sandy Redo	, ,				v Dark Surface	` '
	Histic (A3)		Stripped Ma	, ,			Other (Expla	in in Remarks	•)
	gen Sulfide (A4) ed Layers (A5)		Dark Surface	e (57) ky Mineral (F	1)				
	Muck (A10)			ed Matrix (F2	•				
	ted Below Dark Surface	(A11)	X Depleted M		-,				
	Dark Surface (A12)	(,		Surface (F6))		³ The hydric soil inc	dicators have	been updated to
	Mucky Mineral (S1)			ark Surface (f			•		ors of Hydric Soils
5 cm N	Mucky Peat or Peat (S3))	Redox Depi	ressions (F8)	,		in the United St	tates, Version	8.0, 2016.
Restrictive	Layer (if observed):								
Type:			-						
Depth ((inches):		_			Hydric	Soil Present?	Yes	X No
Remarks:									

HYDROLOGY								
Wetland Hydrology Indicators:				200				
Primary Indicators (minimum of one	Secondary Indicators (minimum of two required)							
Surface Water (A1)	_	Water-Stained Leaves (BS	9)	Surface Soil	Cracks (B6)			
High Water Table (A2)		Aquatic Fauna (B13)		Drainage Pa	tterns (B10)			
Saturation (A3)	_	True Aquatic Plants (B14)		Dry-Season	Water Table (C2)			
Water Marks (B1)		Hydrogen Sulfide Odor (C	1)	Crayfish Burn	rows (C8)			
Sediment Deposits (B2)		Oxidized Rhizospheres or	Living Roots (C3)	Saturation Visible on Aerial Imagery (C9)				
Drift Deposits (B3)		Presence of Reduced Iron	(C4)	Stunted or S	tressed Plants (D	1)		
Algal Mat or Crust (B4)	_	Recent Iron Reduction in	Tilled Soils (C6)	Geomorphic	Position (D2)			
Iron Deposits (B5)	_	Thin Muck Surface (C7)		FAC-Neutral	Test (D5)			
Inundation Visible on Aerial Ima	agery (B7)	Gauge or Well Data (D9)						
Sparsely Vegetated Concave S	Surface (B8)	Other (Explain in Remarks	5)					
Field Observations:								
Surface Water Present?	Yes No _X_	Depth (inches): N/A						
Water Table Present?	Yes No _X_	Depth (inches): N/A						
Saturation Present?	Yes No _X_	Depth (inches): N/A	Wetland Hydrolog	gy Present?	Yes	No	X	
(includes capillary fringe)								
Describe Recorded Data (stream ga	uge, monitoring well,	aerial photos, previous inspec	ctions), if available:					
Remarks:								
1								

Project/Site:	Pleasant Prairie							City/Co	ounty:	Galloway/Frank	din	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy								State:	ОН	Sampling Point:	dp112
Investigator(s):	C Renskers									Section, Townsh	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):		Summit							Loc	al relief (concave, convex, none):	none
Slope (%):	0%	Lat:		39.9093	3			Long:			-83.1764	Datum: NAD83 UTM16N
Soil Map Unit Name	: Westland silty clay l	oam, Southe	rn Ohio Till Plain,	0 to 2 percent slopes	(Wt)						NWI classit	ification: none
Are climatic / hydrol	ogic conditions on the	site typical	for this time of yea	ar?					Yes	X No	(If no, explain in Remarks.)	,
Are Vegetation	N	, Soil	N	, or Hydrology	N	sig	nificantly dist	urbed?		Are "Norma	al Circumstances" present?	Yes _ X _ No
Are Vegetation	N	, Soil	N	, or Hydrology	N	na	turally probler	matic?		(If needed,	explain any answers in Remarks.))
SUMMARY OF	FINDINGS Att	ach site ı	nap showing	sampling point	location	s, trar	sects, im	portant fe	atur	es, etc.		
Hydrophytic Ved	getation Present?)		Yes		No	Х	ls	the	Sampled Are	ea	
Hydric Soil Pres	•			Yes	-	No	Х	-		a Wetland?		No <u>x</u>
Wetland Hydrol	ogy Present?			Yes	_	No	Х					
Remarks:	Use scientific	nomos of	nlanta									
VEGETATION :	Ose scientific	names of	piants.				Absolute	Domina	nt	Indicator		
Tree Stratum (Plot	size: 30' radius)						% Cover	Species		Status	Dominance Test worksheet:	
1.						_						
2.											Number of Dominant Species	
3.											That Are OBL, FACW, or FAC:	1 (A)
4.												
5.											Total Number of Dominant	
								= Total Cove	er		Species Across All Strata:	2 (B)
Sapling/Shrub Strate	um (Plot size: 15' rad	ius)									Percent of Dominant Species	
1											That Are OBL, FACW, or FAC:	(A/B)
2.												
3.												
4.											Prevalence Index worksheet:	
5.												
								= Total Cove	er		Total % Cover of:	Multiply by:
											That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	_			-							OBL species 3%	x1 = 0.03
Digitaria ischael							35%	Yes		FACU	FACW species 23%	x2 = 0.46
2. Persicaria macu							20%	Yes		FACW	FAC species 10%	x3 = 0.30
3. Digitaria sangui	nalis					— -	5%	No		FACU	FACU species 43%	x4 = 1.72
4. Setaria glauca						— -	5%	No No	_	FAC	UPL species	x5 =
5. Poa pratensis						— -	5%	No No	_	FAC	Column Totals: 79%	(A) 2.51 (B)
6. Echinochloa cru							3%	No No		FACW		
7. Amaranthus tub						— -	3%	No	_	OBL	Prevalence Index =	B/A = 3.18
8. Trifolium repens	S					— -	3%	No		FACU		
9									_			
10						— -			_		Hydrophytic Vegetation Indica	itors:
11						— -			—		1 Danid Tool for U.	anhidia Vagatation
12.									_		1-Rapid Test for Hydro	
13.						— -			_		2-Dominance Test is >: 3-Prevalence Index is :	
14. 15.						— -			_		_	sations ¹ (Provide supporting
16.						— -			_		data in Remarks or on	
17.						— -			_		1	ria separate sneet) rtic Vegetation ¹ (Explain)
18.									_			(mobiumi)
19.						— -			_		¹ Indicators of hydric soil and wet	tland hydrology must
20.						— -			_		be present, unless disturbed or	
						— -	79%	= Total Cove	er		be present, unless disturbed or	problematic.
							1370	- TOTAL COV	ol .			
Woody Vine Stratun	n (Plot size: 30' radiu	ıs)									Hydrophytic	
1.	(. 101 0.20. 00 radio	/									Vegetation	
2.						— -						No X
I						— -		= Total Cove	er		165	"-
						-		-				
Remarks: (Include	photo numbers here of	r on a sena	ate sheet.)								·	
mowed												

Profile Des	cription: (Describe to t	the denth nee	ded to document the	indicator or c	onfirm the a	heence o	findicators)				
Depth	Matrix	are department		edox Features	ommin the a	D3elice O	maicators.,				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Rem	narks		
0-2"	7.5YR 3/3	100	Color (molety		. 7/1-2		Silt Loam		iu		
2-18"	10YR 2/2	100					Loam				
2 10	1011(2)2						Louin				
		- — –					· ——				
1 Tumos 0-	Separation D-Daniel	tion DM-Body	read Matrix, CS=Caver		Crains	21	en. Di –Dere Linine	- M-Matrix			
	Concentration, D=Deplet Indicators ³ :	tion, Rivi=Reau	iced Matrix, CS=Cover	ed or Coated 8	sand Grains.		on: PL=Pore Lining				
Histos			Sandy Gley	ed Matrix (S4)		163	•	anese Masses (F12))		
	Epipedon (A2)		Sandy Red	, ,				ow Dark Surface (F2			
	Histic (A3)		Stripped M					lain in Remarks)	,		
Hydrog	jen Sulfide (A4)		Dark Surfa	ce (S7)							
	ed Layers (A5)			ky Mineral (F1	,						
	luck (A10)			yed Matrix (F2))						
	ed Below Dark Surface	(A11)	Depleted M				3 - 1	adia atawa hawa ha ay			
	Dark Surface (A12) Mucky Mineral (S1)			Surface (F6)	7)		³ The hydric soil indicators have been updated to				
	lucky Peat or Peat (S3)			Depleted Dark Surface (F7) Redox Depressions (F8)				comply with the Field Indicators of Hydric Soils in the United States, Version 8.0, 2016.			
				103310113 (1 0)			in the onited	olates, version o.o.	2010.		
	Layer (if observed):										
Type:						Hydric	Soil Present?	Yes	No X		
Type:	inches):					Hydric	Soil Present?	Yes	NoX		
Type: Depth (Hydric	Soil Present?	Yes	NoX		
Type: . Depth (Hydric	Soil Present?	Yes	NoX		
Type: _ Depth (Remarks:	inches):					Hydric	Soil Present?	Yes	NoX		
Type:	inches):					Hydric	Soil Present?	Yes	NoX		
Type:	OGY drology Indicators: cators (minimum of one	is required: ch				Hydric	Secondary Indica	ators (minimum of tv			
Type: _ Depth (Remarks: HYDROL Wetland Hy Primary Indi Surfac	OGY drology Indicators: cators (minimum of one	is required: ch	Water-Stair	ned Leaves (B	9)	Hydric	Secondary Indica	ators (minimum of twill Cracks (B6)			
Type: _ Depth (Remarks: HYDROL Wetland Hy Primary Indi Surfac High V	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2)	is required: ch	Water-Stair Aquatic Fa	una (B13)		Hydric	Secondary Indica Surface So Drainage F	ators (minimum of tw bil Cracks (B6) Patterns (B10)			
Type: _ Depth (Remarks: HYDROL Wetland Hy Primary Indi Surfac High V Satura	OGY drology Indicators: cators (minimum of one e Water (A1) //ater Table (A2) tion (A3)	is required: ch	Water-Stain Aquatic Fa True Aquat	una (B13) ic Plants (B14)		Hydric	Secondary Indica Surface So Drainage F Dry-Seaso	ators (minimum of two points o			
Type: _ Depth (Remarks: HYDROL Wetland Hy Primary Indi Surface High V Satura Water	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1)	is required: ch	Water-Stair Aquatic Far True Aquat Hydrogen S	una (B13) ic Plants (B14) Sulfide Odor (C	1)		Secondary Indica Surface So Drainage F Dry-Seasol Crayfish Bo	ators (minimum of two policy o	vo required)		
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2)	is required: ch	Water-Stair Aquatic Far True Aquat Hydrogen S Oxidized R	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or	1) 1) n Living Root		Secondary Indica Surface So Drainage F Dry-Seasor Crayfish Bo	ators (minimum of two poil Cracks (B6) Patterns (B10) In Water Table (C2) Urrows (C8) Visible on Aerial Im	vo required) agery (C9)		
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3)	is required: ch	Water-Stain Aquatic Fai True Aquat Hydrogen S Oxidized R Presence c	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or f Reduced Iror	11) n Living Root n (C4)	rs (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or	ators (minimum of two bil Cracks (B6) Patterns (B10) In Water Table (C2) Purrows (C8) Visible on Aerial Im Stressed Plants (D	vo required) agery (C9)		
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4)	is required: ch	Water-Stair Aquatic Far True Aquat Hydrogen S Oxidized R Presence of	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or f Reduced Iror i Reduction in	11) n Living Root n (C4)	rs (C3)	Secondary Indica Surface So Drainage F Dry-Seasol Crayfish Bo Saturation Stunted or Geomorphi	ators (minimum of two poil Cracks (B6) Patterns (B10) In Water Table (C2) Furrows (C8) Visible on Aerial Im Stressed Plants (Dic Position (D2)	vo required) agery (C9)		
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3)		Water-Stair Aquatic Far True Aquat Hydrogen S Oxidized R Presence c Recent Iror Thin Muck	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or f Reduced Iror	11) n Living Root n (C4)	rs (C3)	Secondary Indica Surface So Drainage F Dry-Seasol Crayfish Bo Saturation Stunted or Geomorphi	ators (minimum of two bil Cracks (B6) Patterns (B10) In Water Table (C2) Purrows (C8) Visible on Aerial Im Stressed Plants (D	vo required) agery (C9)		
Type:	drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /at or Crust (B4) eposits (B5)	nagery (B7)	Water-Stail Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or f Reduced Iror Reduction in Surface (C7)	11) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface So Drainage F Dry-Seasol Crayfish Bo Saturation Stunted or Geomorphi	ators (minimum of two poil Cracks (B6) Patterns (B10) In Water Table (C2) Furrows (C8) Visible on Aerial Im Stressed Plants (Dic Position (D2)	vo required) agery (C9)		
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial Im	nagery (B7)	Water-Stail Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or f Reduced Iror Reduction in Surface (C7) Vell Data (D9)	11) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface So Drainage F Dry-Seasol Crayfish Bo Saturation Stunted or Geomorphi	ators (minimum of two poil Cracks (B6) Patterns (B10) In Water Table (C2) Furrows (C8) Visible on Aerial Im Stressed Plants (Dic Position (D2)	vo required) agery (C9)		
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial Im	nagery (B7) Surface (B8)	Water-Stai Aquatic Fai True Aquat Hydrogen S Oxidized R Presence c Recent Iror Thin Muck Gauge or V Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or f Reduced Iror Reduction in Surface (C7) Vell Data (D9) ain in Remarks	11) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface So Drainage F Dry-Seasol Crayfish Bo Saturation Stunted or Geomorphi	ators (minimum of two poil Cracks (B6) Patterns (B10) In Water Table (C2) Furrows (C8) Visible on Aerial Im Stressed Plants (Dic Position (D2)	vo required) agery (C9)		
Type:	oGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /lat or Crust (B4) eposits (B5) tion Visible on Aerial Im ely Vegetated Concave S vations: ter Present?	nagery (B7) Surface (B8)	Water-Stail Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or f Reduced Iror Reduction in Surface (C7) Vell Data (D9) ain in Remark: s): N/A	11) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface So Drainage F Dry-Seasol Crayfish Bo Saturation Stunted or Geomorphi	ators (minimum of two poil Cracks (B6) Patterns (B10) In Water Table (C2) Furrows (C8) Visible on Aerial Im Stressed Plants (Dic Position (D2)	vo required) agery (C9)		
Type:	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /at or Crust (B4) eposits (B5) tion Visible on Aerial Im ely Vegetated Concave Sevations: ter Present?	nagery (B7) Surface (B8) Yes No Yes No	Water-Stair Aquatic Far True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or f Reduced Iror Reduction in Surface (C7) Vell Data (D9) ain in Remarks s): N/A N/A	11) n Living Root n (C4) Tilled Soils (rs (C3)	Secondary Indica Surface So Drainage F Dry-Seasol Crayfish Bo Saturation Stunted or Geomorphi	ators (minimum of two poil Cracks (B6) Patterns (B10) In Water Table (C2) Furrows (C8) Visible on Aerial Im Stressed Plants (Dic Position (D2)	vo required) agery (C9)		

Project/Site:	Pleasant Prairie							City/County	: Galloway/Frank	din	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy							State	: ОН	Sampling Point:	dp113
Investigator(s):	C Renskers								Section, Townsh	nip, Range: N/A	
Landform (hillslope,	terrace, etc.):		Summit						Loc	cal relief (concave, convex, none): r	none
Slope (%):	0%	Lat:		39.9069)			Long:		-83.1818	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loar	n, 0 to 2 pe	rcent slopes (Ko)							NWI classifi	cation: PEM1C
Are climatic / hydrol	ogic conditions on the s	ite typical f	or this time of yea	ar?				Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	significar	tly disturb	ped?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydrology	N	naturally	oroblema	tic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site n	nap showing	sampling point l	ocations	, transect	s, impo	rtant featur	res, etc.		
Hydrophytic Veg	getation Present?			Yes		No >		Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?			Yes		No >		withir	n a Wetland?	Yes	No <u>x</u> _
Wetland Hydrol	ogy Present?			Yes		No>					
Remarks:	Use scientific n	ames of	nlante								
VEGETATION	- Ose scientific ii	airies or	piants.			Abso	lute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)					% C		Species?	Status	Dominance Test worksheet:	
1.											
2.										Number of Dominant Species	
3.										That Are OBL, FACW, or FAC:	1 (A)
4.											
5.										Total Number of Dominant	
							=	Total Cover		Species Across All Strata:	(B)
Sapling/Shrub Strate	um (Plot size: 15' radiu	s)								Percent of Dominant Species	
1										That Are OBL, FACW, or FAC:	(A/B)
2											
3											
4										Prevalence Index worksheet:	
5.											
								Total Cover		Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by:
Herb Stratum (Plot	eize: 5' radiue)									OBL species	
Echinochloa cru				-		70	04.	Yes	FACW	FACW species 70%	x1 = x2 =1.40
2. Hibiscus trionum						40		Yes	UPL	FAC species	x3 = 1.40
3.	,,						-	163		FACU species	x4 =
4							—			UPL species 40%	x5 = 2.00
5							—			Column Totals: 110%	(A) 3.40 (B)
6							—				
7.							—			Prevalence Index = E	3/A = 3.09
8.											
9.											
10.										Hydrophytic Vegetation Indicat	ors:
11.											
12.										1-Rapid Test for Hydrop	hytic Vegetation
13.										2-Dominance Test is >5	0%
14.										3-Prevalence Index is ≤	3.0 ¹
15.										4-Morphological Adapta	tions ¹ (Provide supporting
16.										data in Remarks or on	
17										Problematic Hydrophyti	c Vegetation ¹ (Explain)
18.											
19.										¹ Indicators of hydric soil and wetle	and hydrology must
20.										be present, unless disturbed or p	roblematic.
						110	9% =	Total Cover			
Woody Vine Stratun	n (Plot size: 30' radius)								Hydrophytic	
										Vegetation	
2										Present? Yes_	No_X
							=	Total Cover			
Remarks: (Include mowed	photo numbers here or	on a separ	ate sheet.)								

SOIL		* 32 S S	av se jage ses s			2	Patricines to	oling Point: dp113
	ription: (Describe to the	e depth needed			nfirm the a	bsence of	indicators.)	
Depth (inches)	Matrix Color (moist)	0/-		ox Features	Type ¹	Loc ²	Toyturo	Domarke
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc	Texture	Remarks
0-3"	10YR 2/2						Loam	
3-18"	10YR 2/2		10YR 4/6		С	m	Clay Loam	
¹ Type: C=C	oncentration, D=Depletion	RM=Reduced	Matrix CS=Covered	or Coated Sa	and Grains.	² l ocatio	on: PL=Pore Lining,	M=Matrix
Hydric Soil I		II, I WIT I WOUGH	Matrix, OC COTO. II	01 000.00	and Oranic.		Indicators of Hydr	
Histoso			Sandy Gleyed	Matrix (S4)			•	nese Masses (F12)
	pipedon (A2)		Sandy Redox	, ,				w Dark Surface (F22)
	listic (A3)		Stripped Matri					ain in Remarks)
	en Sulfide (A4)		Dark Surface	, ,				•
Stratifie	d Layers (A5)		Loamy Mucky	Mineral (F1)				
2 cm M	uck (A10)		Loamy Gleyed	d Matrix (F2)				
Deplete	ed Below Dark Surface (A	11)	Depleted Matr	rix (F3)				
Thick D	ark Surface (A12)		Redox Dark S	surface (F6)			•	dicators have been updated to
	Mucky Mineral (S1)		Depleted Dark)			e Field Indicators of Hydric Soils
5 cm Mi	ucky Peat or Peat (S3)		Redox Depres	ssions (F8)			in the United S	tates, Version 8.0, 2016.
Restrictive L	ayer (if observed):							
Type: _								
Depth (ir	nches):					Hydric	Soil Present?	Yes NoX_
Depth (ir Remarks:	nches):					Hydric	Soil Present?	Yes No X
	nches):					Hydric	Soil Present?	Yes NoX_
	nches):					Hydric	Soil Present?	Yes NoX_
	nches):					Hydric	Soil Present?	Yes NoX_
	nches):					Hydric	Soil Present?	Yes NoX_
Remarks:						Hydric	Soil Present?	Yes NoX
Remarks:	DGY					Hydric	Soil Present?	Yes NoX
Remarks: HYDROLO Wetland Hyd	DGY Irology Indicators:	required; check	all that apply)			Hydric	T	
HYDROLO Wetland Hyd Primary Indic	OGY Irology Indicators: eators (minimum of one is	required: check		N pavos (R9)	\	Hydric	Secondary Indicat	ors (minimum of two required)
HYDROLO Wetland Hyd Primary Indic Surface	DGY Irology Indicators: cators (minimum of one is	required: check	Water-Stained)	Hydric	Secondary Indicat	ors (minimum of two required)
HYDROLO Wetland Hyd Primary Indic Surface High Wi	DGY Irology Indicators: cators (minimum of one is the Water (A1) ater Table (A2)	required: check	Water-Stained Aquatic Fauna	a (B13)),	Hydric	Secondary Indicat Surface Soi	ors (minimum of two required) I Cracks (B6) atterns (B10)
HYDROLO Wetland Hyd Primary Indic Surface High Wa	DGY Irology Indicators: cators (minimum of one is b Water (A1) ater Table (A2) ion (A3)	required: check	Water-Stained Aquatic Fauna True Aquatic F	a (B13) Plants (B14)		Hydric	Secondary Indicat Surface Soi Drainage Pa	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2)
HYDROLO Wetland Hyd Primary Indic Surface High Water M	DGY Irology Indicators: cators (minimum of one is water (A1) ater Table (A2) ion (A3) Marks (B1)	required: check	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf	a (B13) Plants (B14) fide Odor (C1)		Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8)
HYDROLO Wetland Hyd Primary Indic Surface High Water N Sedime	Irology Indicators: cators (minimum of one is water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2)	required: check	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sult Oxidized Rhiz	a (B13) Plants (B14) fide Odor (C1 cospheres on) Living Root		Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish But	fors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) //sible on Aerial Imagery (C9)
HYDROLO Wetland Hyd Primary Indic Surface High Water M Saturati Water M Sedime Drift De	DGY Irology Indicators: cators (minimum of one is e Water (A1) ater Table (A2) ion (A3) Marks (B1) ont Deposits (B2) posits (B3)	required: check	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhiz Presence of R	a (B13) Plants (B14) fide Odor (C1 cospheres on Reduced Iron) Living Root (C4)	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bui Saturation V	ors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1)
HYDROLO Wetland Hyd Primary Indic Surface High W: Saturati Water M Sedime Drift De Algal M:	DGY Irology Indicators: cators (minimum of one is e Water (A1) ater Table (A2) ion (A3) Marks (B1) ont Deposits (B2) oposits (B3) at or Crust (B4)	required: check	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhiz Presence of R Recent Iron R	a (B13) Plants (B14) fide Odor (C1 cospheres on Reduced Iron deduction in T) Living Root (C4)	s (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish But Saturation V Stunted or S Geomorphic	fors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) //isible on Aerial Imagery (C9) Stressed Plants (D1)
HYDROLO Wetland Hyd Primary Indic Surface High W: Saturati Water N Sedime Drift De Algal M: Iron De	Pogy Indicators: cators (minimum of one is a Water (A1) ater Table (A2) ion (A3) Marks (B1) and Deposits (B2) aposits (B3) at or Crust (B4) posits (B5)		Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su	a (B13) Plants (B14) fide Odor (C1 cospheres on Reduced Iron reduction in T) Living Root (C4)	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bui Saturation V	fors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) //isible on Aerial Imagery (C9) Stressed Plants (D1)
Remarks: HYDROLO Wetland Hyd Primary Indic Surface High Water Notes and the second of the secon	Irology Indicators: cators (minimum of one is to Water (A1) ater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Imag	ery (B7)	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sult Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su Gauge or Wel	a (B13) Plants (B14) fide Odor (C1 cospheres on Reduced Iron reduction in T rface (C7) II Data (D9)) Living Root (C4) illed Soils (G	s (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish But Saturation V Stunted or S Geomorphic	fors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) //isible on Aerial Imagery (C9) Stressed Plants (D1)
Remarks: HYDROLO Wetland Hyd Primary Indic Surface High Water Notes and the second of the secon	Pogy Indicators: cators (minimum of one is a Water (A1) ater Table (A2) ion (A3) Marks (B1) and Deposits (B2) aposits (B3) at or Crust (B4) posits (B5)	ery (B7)	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su	a (B13) Plants (B14) fide Odor (C1 cospheres on Reduced Iron reduction in T rface (C7) II Data (D9)) Living Root (C4) illed Soils (G	s (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish But Saturation V Stunted or S Geomorphic	fors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) //isible on Aerial Imagery (C9) Stressed Plants (D1)
Remarks: HYDROLO Wetland Hyd Primary Indic Surface High Water Notes and the second of the secon	POGY Irology Indicators: cators (minimum of one is a Water (A1) ater Table (A2) ion (A3) Marks (B1) ont Deposits (B2) oposits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Imag	ery (B7)	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sult Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su Gauge or Wel	a (B13) Plants (B14) fide Odor (C1 cospheres on Reduced Iron reduction in T rface (C7) II Data (D9)) Living Root (C4) illed Soils (G	s (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish But Saturation V Stunted or S Geomorphic	fors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) //isible on Aerial Imagery (C9) Stressed Plants (D1)
HYDROLO Wetland Hyd Primary Indic Surface High W: Saturati Water M Sedime Drift De Algal M: Iron Dej Inundati Sparsel	DGY Irology Indicators: cators (minimum of one is externed) ater Table (A2) ion (A3) Marks (B1) ion Deposits (B2) ion Crust (B4) posits (B5) ion Visible on Aerial Image by Vegetated Concave Survations: er Present?	gery (B7) rface (B8) es NoX	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sulf Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su Gauge or Wel Other (Explain	a (B13) Plants (B14) fide Odor (C1 cospheres on Reduced Iron reduction in T rface (C7) Il Data (D9) in in Remarks)) Living Root (C4) illed Soils (G	s (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish But Saturation V Stunted or S Geomorphic	fors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) //isible on Aerial Imagery (C9) Stressed Plants (D1)
HYDROLO Wetland Hyd Primary Indic Surface High W: Saturati Water M Sedime Drift De Algal M: Iron De Inundati Sparsel	DGY Irology Indicators: cators (minimum of one is externed (A1) ater Table (A2) ion (A3) Marks (B1) ion Deposits (B2) ion Orust (B4) posits (B5) ion Visible on Aerial Image by Vegetated Concave Survations: er Present? Yesent?	ery (B7) rface (B8)	Water-Stained Aquatic Fauna True Aquatic F Hydrogen Sult Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su Gauge or Wel Other (Explain Depth (inches):	a (B13) Plants (B14) fide Odor (C1 cospheres on Reduced Iron reduction in T rface (C7) Il Data (D9) in in Remarks)) Living Root (C4) illed Soils (G	s (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish But Saturation V Stunted or S Geomorphic	fors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) //isible on Aerial Imagery (C9) Stressed Plants (D1)

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

(includes capillary fringe)

Remarks:

Project/Site:	Pleasant Prairie						City/County	: Galloway/Frank	klin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy						State	e: OH	Sampling Point:	dp114
Investigator(s):	C Renskers							Section, Townsh	nip, Range: N/A	***
Landform (hillslope,	terrace, etc.):		Summit					Loc	cal relief (concave, convex, none):	none
Slope (%):	0%	Lat:		39.906	1		Long:		-83.186	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	am, 0 to 2 pe	ercent slopes (Ko)					NWI classifi	cation: none
Are climatic / hydrol	ogic conditions on the	site typical	for this time of yea	ar?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	significantly dis	turbed?	Are "Norm	al Circumstances" present?	YesX_ No
Are Vegetation	N	, Soil	N	, or Hydrology	N	naturally proble	matic?	(If needed	, explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ach site r	nap showing	sampling point	locations,	transects, im	portant featu	res, etc.		
Hydrophytic Veg	getation Present?			Yes x		No	Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?			Yes x		No	withi	n a Wetland?	Yes	No <u>x</u> _
Wetland Hydrol	ogy Present?			Yes	_	No x	_			
Remarks:	Use scientific ı	namos of	nlante							
VEGETATION :	- Ose scientific i	iailles oi	piants.			Absolute	Dominant	Indicator	Τ	
Tree Stratum (Plot	size: 30' radius)					% Cover	Species?	Status	Dominance Test worksheet:	
1.										
2.									Number of Dominant Species	
3.									That Are OBL, FACW, or FAC:	2 (A)
4.										
5.									Total Number of Dominant	
							= Total Cover		Species Across All Strata:	(B)
Sapling/Shrub Strate	um (Plot size: 15' radi	us)							Percent of Dominant Species	
1									That Are OBL, FACW, or FAC:	(A/B)
2.										
3.						_				
4.						_			Prevalence Index worksheet:	
5.										
							= Total Cover		Total % Cover of:	Multiply by:
									That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)			-					OBL species 3%	x1 = 0.03
Setaria glauca						40%	Yes	FAC	FACW species 30%	x2 = 0.60
2. Echinochloa cru	-					30%	Yes	FACW	FAC species 40%	x3 = 1.20
3. Eleocharis obtu-	sa					3%	No	OBL	FACU species UPL species	x4 =
4									_ 	x5 =(D)
5									Column Totals: 73%	(A) 1.83 (B)
6									Description of Index - 5	2.54
						_			Prevalence Index = E	B/A = 2.51
9.										
10.									Hudrophytic Vegetation Indicate	
11.									Hydrophytic Vegetation Indicat	ors.
12.									1-Rapid Test for Hydrop	shutic Vegetation
13.									X 2-Dominance Test is >5	
14.									3-Prevalence Index is ≤	
15.									I —	tions¹ (Provide supporting
16.									data in Remarks or on	
17.									Problematic Hydrophyti	
18.										(=
19.									¹ Indicators of hydric soil and wetl	and hydrology must
20.									be present, unless disturbed or p	
						73%	= Total Cover		Do prosont, amoss disturbed of p	Towns (Mill)
						1370	10(0) 00701			
Woody Vine Stratun	n (Plot size: 30' radiu	s)							Hydrophytic	
	<u>ı</u> (1 lot 3126. 00 Tadıa								Vegetation	
2.										X No
							= Total Cover			
							•			
Remarks: (Include i	photo numbers here o	r on a separ	ate sheet.)						•	
mowed		-,-	•							

	iption: (Describe to t	he depth ne	eded to document the i	ndicator or co	nfirm the ab	sence of	f indicators.)	
Depth	Matrix			dox Features				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-2"	10YR 2/2	100	, ,				Loam	
2-18"	10YR 2/2	83	10YR 4/4	10		m	Clay Loam	
2 10	1011(2)2		10YR 4/6	7		m	Oldy Louin	
			1011(4/0					
				- ——			·	
Type: C=Cc	oncentration D=Deplet	ion RM=Red	uced Matrix, CS=Covere	ed or Coated S	and Grains	² Locati	on: PL=Pore Lin	ing M=Matrix
ydric Soil In			accumating co coron	ou or ooutou o	aria Graino.		t Indicators of H	
Histosol			Sandy Gley	ed Matrix (S4)			Iron-Mar	nganese Masses (F12)
Histic Er	pipedon (A2)		Sandy Redo	ox (S5)			Very Sha	allow Dark Surface (F22)
Black Hi	istic (A3)		Stripped Ma	atrix (S6)			Other (E	xplain in Remarks)
Hydroge	en Sulfide (A4)		Dark Surfac	e (S7)				
Stratified	d Layers (A5)			ky Mineral (F1)				
	ıck (A10)			ed Matrix (F2)				
	d Below Dark Surface ((A11)	Depleted Ma				3	
	ark Surface (A12)			Surface (F6)			-	il indicators have been updated to
	Mucky Mineral (S1) ucky Peat or Peat (S3)			ark Surface (F7 ressions (F8))			n the Field Indicators of Hydric So. ed States , Version 8.0, 2016.
_			Redox Depi	essions (Fo)			III the Office	d States, Version 6.0, 2010.
	ayer (if observed):							
Type:	achae):		-			Uvdrio	Soil Brocont?	Vac V No
Depth (in	nches):					Hydric	Soil Present?	Yes X No
Depth (in	nches):					Hydric	Soil Present?	Yes X No
Depth (in	nches):					Hydric	Soil Present?	Yes <u>X</u> No
Depth (in			-			Hydric	Soil Present?	Yes <u>X</u> No
Depth (in	DGY		-			Hydric	Soil Present?	Yes X No
Depth (in emarks:	OGY rology Indicators:					Hydric	Terror	
Depth (in emarks: YDROLC Vetland Hydromary Indica	OGY rology Indicators: ators (minimum of one	is required: c		ad Louves (PG		Hydric	Secondary Ind	icators (minimum of two required)
Depth (in emarks: YDROLO Vetland Hydi Primary Indica Surface	OGY rology Indicators: ators (minimum of one Water (A1)	is required: c	Water-Stain	ed Leaves (B9)	Hydric	Secondary Ind	icators (minimum of two required) Soil Cracks (B6)
PDEPTH (in PMARKS: YDROLO Vetland Hydr Primary Indicator Surface High Wa	OGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2)	is required: c	Water-Stain Aquatic Fau	ına (B13))	Hydric	Secondary Ind	icators (minimum of two required) Soil Cracks (B6) e Patterns (B10)
PDEPTH (in Depth	OGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3)	is required: c	Water-Stain Aquatic Fau True Aquati	ina (B13) c Plants (B14)		Hydric	Secondary Ind Surface Drainage Dry-Sea	icators (minimum of two required) Soil Cracks (B6) Patterns (B10) son Water Table (C2)
Primary Indica Surface High Wa Saturatic Water M	orology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1)	is required: c	Water-Stain Aquatic Fau True Aquati Hydrogen S	ina (B13) c Plants (B14) ulfide Odor (C	1)		Secondary Ind Surface Drainage Dry-Sea Crayfish	icators (minimum of two required) Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8)
Primary Indica Surface High Wa Saturatic Water M Sedimer	OGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3)	is required: c	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ina (B13) c Plants (B14)) Living Roots		Secondary Ind Surface Drainage Dry-Sea Crayfish Saturatio	icators (minimum of two required) Soil Cracks (B6) Patterns (B10) son Water Table (C2)
Primary Indica Surface High Water M Sedimer Drift Deg	orology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2)	is required: c	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ina (B13) c Plants (B14) ulfide Odor (C nizospheres on	Living Roots (C4)	s (C3)	Secondary Ind Surface Drainage Dry-Sea Crayfish Saturatic Stunted	icators (minimum of two required) Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) or Stressed Plants (D1)
Primary Indica Surface High Wa Saturatic Water M Sedimer Drift Deg Algal Ma	orology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) posits (B3)	is required: c	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron	ina (B13) c Plants (B14) ulfide Odor (C [.] nizospheres on f Reduced Iron	Living Roots (C4)	s (C3)	Secondary Ind Surface Drainage Dry-Sea Crayfish Saturatic Stunted Geomor	icators (minimum of two required) Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9)
Depth (in Depth	or Crust (B4)		Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S	ina (B13) c Plants (B14) ulfide Odor (C' nizospheres on f Reduced Iron Reduction in 1	Living Roots (C4)	s (C3)	Secondary Ind Surface Drainage Dry-Sea Crayfish Saturatic Stunted Geomor	icators (minimum of two required) Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) or Stressed Plants (D1) Othic Position (D2)

 ${\sf Describe\ Recorded\ Data\ (stream\ gauge,\ monitoring\ well,\ aerial\ photos,\ previous\ inspections),\ if\ available:}$

Depth (inches): N/A

Yes No X

Remarks:

Saturation Present?

(includes capillary fringe)

Wetland Hydrology Present?

Yes _____ No _

Project/Site:	Pleasant Prairie							City/County	y: Galloway/Fran	klin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy							State	e: OH	Sampling Point:	dp115
Investigator(s):	C Renskers								Section, Towns	hip, Range: N/A	
Landform (hillslope,	terrace, etc.):		Summit						Lo	cal relief (concave, convex, none):	none
Slope (%):	0%	Lat:		3:	9.908			Long:		-83.1904	Datum: NAD83 UTM16N
Soil Map Unit Name:	Kokomo silty clay loa	m, 0 to 2 pe	rcent slopes (Ko)							NWI classif	fication: none
Are climatic / hydrolo	ogic conditions on the	site typical f	or this time of year	?				Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	/ <u>N</u>	sig	nificantly dist	urbed?	Are "Norn	nal Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydrology	/ <u>N</u>	na	turally problen	natic?	(If needed	l, explain any answers in Remarks.)	1
SUMMARY OF	FINDINGS Atta	ch site n	nap showing s	sampling po	int location	s, tran	sects, imp	oortant featu	res, etc.		
Hydrophytic Veg	getation Present?			Yes x		No		Is the	Sampled A	rea	
Hydric Soil Pres				Yes x		No		withi	n a Wetland	Yes	No <u>x</u>
Wetland Hydrolo	ogy Present?			Yes		No_	Х				
VEGETATION - Tree Stratum (Plot s	- Use scientific n	ames of	plants.				Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1.	Size. So Iddids)					-	70 COVE	Оресісь:	Otatus	Dominance rest worksheet.	
2.										Number of Dominant Species	
2.						— -				That Are OBL, FACW, or FAC:	1 (A)
J										That Ale Obl., FACW, of FAC.	(^)
5.										Total Number of Dominant	
·								= Total Cover		Species Across All Strata:	1 (B)
								10101 00101		oposios / toross / tir otrata.	
Sapling/Shrub Stratu	um (Plot size: 15' radiu	ıs)								Percent of Dominant Species	
1.	_ `									That Are OBL, FACW, or FAC:	100% (A/B)
2.											
3.											
4.										Prevalence Index worksheet:	
5.										'	
								= Total Cover		Total % Cover of:	Multiply by:
										That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot :	size: 5' radius)									OBL species	x1 =
Echinochloa cru	-						80%	Yes	FACW	FACW species 80%	x2 = 1.60
2. Taraxacum offic	inale						3%	No	FACU	FAC species	x3 =
3										FACU species 3%	x4 = 0.12
4										UPL species	x5 =
5										Column Totals: 83%	(A) 1.72 (B)
6										·	
7						— -				Prevalence Index = 8	B/A = 2.07
8						— -					
9						— -					4
10						— -				Hydrophytic Vegetation Indica	.tors:
11						— -				X 1-Rapid Test for Hydrop	nhytic Vegetation
13						— -				X 2-Dominance Test is >5 3-Prevalence Index is ≤	
15.						— -				· I —	ations ¹ (Provide supporting
16.										data in Remarks or on	
17.										· I	tic Vegetation ¹ (Explain)
18.										-	,,
19.										Indicators of hydric soil and wet	tland hydrology must
20.										be present, unless disturbed or p	
							83%	= Total Cover		1	
Woody Vine Stratum	(Plot size: 30' radius)								Hydrophytic	
1.										Vegetation	
2.										Present? Yes	XNo
								= Total Cover		1	_ _
Remarks: (Include p mowed	photo numbers here or	on a separ	ate sheet.)								

	ion: (Deceribe to t	the depth nee	ded to document the in	ndicator or or	nfirm the a	heanea o	Findicators \	
Depth	Matrix	ine deptir nee		dox Features	mirm the a	bsence o	indicators.)	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-2"	10YR 2/2	100	ocioi (moiot)		. 71		Loam	T C T C C C C C C C C C C C C C C C C C
2-8"	10YR 3/2	90	10YR 4/4	10	С .		Clay Loam	
8-16"	10YR 4/1	90	10YR 4/6	10				
0-10	1011(4/1		1011(4/0				Clay Loam	
¹ Type: C=Conc	entration, D=Deplet	tion, RM=Red	uced Matrix, CS=Covere	ed or Coated S	and Grains.	² Locati	on: PL=Pore Lining,	M=Matrix.
lydric Soil Indic	cators³:					Test	Indicators of Hydr	c Soils:
Histosol (A	1)		Sandy Gleye	ed Matrix (S4)			Iron-Mangar	nese Masses (F12)
Histic Epipe	edon (A2)		Sandy Redo	x (S5)			Very Shallov	v Dark Surface (F22)
Black Histic	c (A3)		Stripped Ma	trix (S6)			Other (Expla	in in Remarks)
Hydrogen S	Sulfide (A4)		Dark Surface	e (S7)				
Stratified La				ky Mineral (F1))			
2 cm Muck				ed Matrix (F2)				
	elow Dark Surface	(A11)	X Depleted Ma				2	
	Surface (A12)			Surface (F6)			-	dicators have been updated to
	ky Mineral (S1)			ark Surface (F7	')			Field Indicators of Hydric Soil
5 cm Mucky	y Peat or Peat (S3)		Redox Depr	essions (F8)			in the United S	tates, Version 8.0, 2016.
estrictive Lave	er (if observed):							
Laye								
Type:			,					
Type:	es):					Hydric	Soil Present?	Yes X No
Type:						Hydric	Soil Present?	Yes X No
Type:	SY.					Hydric	Soil Present?	Yes X No
Type: Depth (inchesemarks:	iΥ ogy Indicators:	is required; o	neek all that apply)			Hydric	T	
Type: Depth (inchesemarks: IYDROLOG Vetland Hydrolo Primary Indicator	ogy Indicators: rs (minimum of one	is required: c		ed Leaves (RS		Hydric	Secondary Indicat	ors (minimum of two required)
Type: Depth (inchesemarks: YDROLOG Vetland Hydrolog Surface Wa	ogy Indicators: rs (minimum of one ater (A1)	is required: c	Water-Stain	ed Leaves (B9)	Hydric	Secondary Indicat	ors (minimum of two required) Cracks (B6)
Type: Depth (inche emarks: YDROLOG /etland Hydrolo Primary Indicator Surface Wa High Water	ogy Indicators: rs (minimum of one ater (A1)	is required: c	Water-Stain	na (B13))	Hydric	Secondary Indicat Surface Soil Drainage Pa	ors (minimum of two required) Cracks (B6) utterns (B10)
Type: Depth (inche emarks: YDROLOG Vetland Hydrolo Primary Indicator Surface Wa High Water Saturation (ogy Indicators: rs (minimum of one ater (A1) r Table (A2) (A3)	is required: c	Water-Stain Aquatic Fau True Aquatic	na (B13) c Plants (B14)		Hydric	Secondary Indicat Surface Soil Drainage Pa	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2)
Type: Depth (inche emarks: YDROLOG /etland Hydrolo Primary Indicator Surface Wa High Water Saturation (Water Mark	ogy Indicators: rs (minimum of one ater (A1) r Table (A2) (A3) ss (B1)	is required: c	Water-Stain Aquatic Fau True Aquatic Hydrogen S	na (B13) c Plants (B14) ulfide Odor (C	1)		Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur	ors (minimum of two required) Cracks (B6) tterns (B10) Water Table (C2) rows (C8)
Type: Depth (inche emarks: YDROLOG Vetland Hydrolo Surface Wa High Water Saturation (Water Mark Sediment D	ogy Indicators: rs (minimum of one ater (A1) r Table (A2) (A3) (s (B1) Deposits (B2)	is required: c	Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh	na (B13) c Plants (B14)	1) Living Root		Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur	ors (minimum of two required) Cracks (B6) Itterns (B10) Water Table (C2) rows (C8) isible on Aerial Imagery (C9)
Type: Depth (inche emarks: YDROLOG Vetland Hydrolo Surface Wa High Water Saturation (Water Mark Sediment D Drift Depos	ogy Indicators: rs (minimum of one ater (A1) r Table (A2) (A3) ss (B1) Deposits (B2) sits (B3)	is required: c	Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of	na (B13) c Plants (B14) ulfide Odor (C iizospheres on c Reduced Iron	1) Living Root (C4)	rs (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) arows (C8) (isible on Aerial Imagery (C9) attressed Plants (D1)
Type: Depth (inche emarks: IYDROLOG Vetland Hydrolo Primary Indicator Surface Wa High Water Saturation (Water Mark Sediment D Drift Deposi	ogy Indicators: rs (minimum of one ater (A1) r Table (A2) (A3) (xs (B1) Deposits (B2) cits (B3) or Crust (B4)	is required: c	Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of	na (B13) c Plants (B14) ulfide Odor (C' izospheres on Reduced Iron	1) Living Root (C4)	rs (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) risible on Aerial Imagery (C9) tressed Plants (D1) Position (D2)
Type: Depth (inche emarks: IYDROLOG Vetland Hydrolo Primary Indicator Surface Wa High Water Saturation (Water Mark Sediment D Drift Depos Algal Mat o Iron Deposi	ogy Indicators: rs (minimum of one ater (A1) r Table (A2) (A3) (xs (B1) Deposits (B2) cits (B3) or Crust (B4)		Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck Si	na (B13) c Plants (B14) ulfide Odor (C' izospheres on Reduced Iron	1) Living Root (C4)	rs (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) risible on Aerial Imagery (C9) tressed Plants (D1) Position (D2)

Yes No X Depth (inches): N/A Wetland Hydrology Present? (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Saturation Present?

Yes ____ No_

Project/Site:	Pleasant Prairie							City/Cour	ty: Gallov	vay/Frankl	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy							Sta	te: OH		Sampling Point:	dp116
Investigator(s):	C Renskers								Section	, Townshi	p, Range: N/A	***
Landform (hillslope,	terrace, etc.):		Summit						_	Loca	al relief (concave, convex, none): n	one
Slope (%):	0%	Lat:		39.909	1			Long:			83.1919	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 pe	rcent slopes (Ko))							NWI classific	cation: PEM1A
Are climatic / hydrole	ogic conditions on the	site typical f	or this time of yea	ar?				Ye	s_X_	No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	sig	nificantly dist	urbed?	Α	re "Norma	Il Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydrology	N	nat	urally problen	natic?	(It	f needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site n	nap showing	sampling point	locations	s, tran	sects, imp	ortant feat	ures, et	c.		
Hydrophytic Veg	getation Present?			Yes		No	X	ls th	e Samp	oled Are	ea	
Hydric Soil Pres				Yes		No	Х	with	in a We	tland?	Yes	Nox
Wetland Hydrol	ogy Present?			Yes	_	No_	X					
Remarks: VEGETATION -	Use scientific n	ames of	plants.									
							Absolute	Dominant	Indi	icator		
Tree Stratum (Plot	size: 30' radius)					_	% Cover	Species?	St	atus	Dominance Test worksheet:	
1.												
2.											Number of Dominant Species	
3.											That Are OBL, FACW, or FAC:	(A)
4												
5											Total Number of Dominant	
								= Total Cover			Species Across All Strata:	1 (B)
	um (Plot size: 15' radio	ıs)									Percent of Dominant Species	
1						— -					That Are OBL, FACW, or FAC:	(A/B)
2						— -			- —			
3.						— -			- —		B	
4						— -			- —		Prevalence Index worksheet:	
5.								= Total Cover			Total % Cover of:	Multiply by:
								- Total Cover			That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)										OBL species	x1 =
1. Glycine max	_			-			80%	Yes	U	IPL	FACW species	x2 =
2.											FAC species	x3 =
3.											FACU species	x4 =
4.											UPL species 80%	x5 = 4.00
5.											Column Totals: 80%	(A) 4.00 (B)
6.												
7.											Prevalence Index = B	/A = 5.00
8.												
9.												
10.											Hydrophytic Vegetation Indicate	ors:
11.												
12.											1-Rapid Test for Hydropi	nytic Vegetation
13.											2-Dominance Test is >50	J%
14.											3-Prevalence Index is ≤3	
15												tions ¹ (Provide supporting
16.											data in Remarks or on a	
17											Problematic Hydrophytic	: Vegetation1 (Explain)
18												
19											¹ Indicators of hydric soil and wetla	
20											be present, unless disturbed or pr	roblematic.
							80%	= Total Cover				
	n (Plot size: 30' radius	s) .									Hydrophytic	
											Vegetation	
2						— -			- —		Present? Yes_	No_X
						-		= Total Cover				
Barneston # 1 5	abata asset see 1		ata about								<u> </u>	
rkemarks: (Include p	photo numbers here or	on a separa	ate sneet.)									

Profile Desc	ription: (Describe to t	he denth need	ded to document the	indicator or c	onfirm the a	bsence of	findicators)		
Depth	Matrix	ne deptir neet		edox Features	ommin the t	baciliee of	maioators.,		
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Texture	Remarks	
0-2"	10YR 4/2	100	Color (moles)		- 7/2-		Loam	T C T C T C T C T C T C T C T C T C T C	
2-16"	10YR 4/4	100					Clay Loam		
2-10	1011/4/4						Clay Loain		
		- — —							
		- — –							
	Concentration, D=Deplet	ion, RM=Redu	iced Matrix, CS=Cover	ed or Coated S	Sand Grains.		on: PL=Pore Lining		
Hydric Soil						Test	Indicators of Hydr		
Histoso	, ,			ed Matrix (S4))			nese Masses (F12)	
	Epipedon (A2) Histic (A3)		Sandy Red					w Dark Surface (F22) ain in Remarks)	
	en Sulfide (A4)		Dark Surface	, ,			Other (Expire	alli ili Kelliaiks)	
	ed Layers (A5)			ky Mineral (F1	1)				
	luck (A10)		Loamy Gley	yed Matrix (F2))				
Deplet	ed Below Dark Surface	(A11)	Depleted M	latrix (F3)					
Thick [Dark Surface (A12)		Redox Dark	Surface (F6)			³ The hydric soil in	dicators have been upda	ated to
	Mucky Mineral (S1)			ark Surface (F	7)			e Field Indicators of Hyd	
5 cm N	lucky Peat or Peat (S3)		Redox Dep	ressions (F8)			in the United S	tates, Version 8.0, 2016	6.
Restrictive I	_ayer (if observed):								
Restrictive I	_ayer (if observed):								
Type:	_ayer (if observed): inches):					Hydric	Soil Present?	Yes 1	NoX
Type: _ Depth (Hydric	Soil Present?	Yes 1	No <u>X</u>
Type: _ Depth (Remarks:	inches):					Hydric	Soil Present?	Yes 1	No X
Type: _ Depth (Remarks:	inches):					Hydric	Soil Present?	Yes	No X
Type: _ Depth (Remarks: HYDROL Wetland Hyder Primary India	OGY drology Indicators: cators (minimum of one	is required: ch				Hydric	Secondary Indicat	ors (minimum of two req	
Type: _ Depth (Remarks: HYDROL Wetland Hyder Primary India	OGY drology Indicators:	is required: ch		ned Leaves (B	9)	Hydric	Secondary Indicat		
Type: _ Depth (Remarks: HYDROL Wetland Hyd Primary Indi Surface	OGY drology Indicators: cators (minimum of one	is required: ch			9)	Hydric	Secondary Indicat Surface Soi	ors (minimum of two req I Cracks (B6) atterns (B10)	
Type: _ Depth (Remarks: HYDROL Wetland Hyv Primary Indi Surface High W Satura	OGY drology Indicators: cators (minimum of one water (A1) //ater Table (A2) tion (A3)	is required: ch	Water-Stair Aquatic Fau True Aquat	una (B13) ic Plants (B14))	Hydric	Secondary Indicat Surface Soi Drainage Pa	ors (minimum of two req I Cracks (B6) atterns (B10) Water Table (C2)	
Type: _ Depth (Remarks: HYDROL Wetland Hyu Primary Indi Surface High W Satura Water	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1)	is required: ch	Water-Stair Aquatic Fat True Aquat Hydrogen S	una (B13) ic Plants (B14) Sulfide Odor (C) (1)		Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu	ors (minimum of two req I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8)	quired)
Type: _ Depth (Remarks: HYDROL Wetland Hyd Primary Indi Surface High W Satura' Water Sedime	OGY drology Indicators: cators (minimum of one of Water (A1) dater Table (A2) tion (A3) Marks (B1) ent Deposits (B2)	is required: ch	Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized R	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres on) (1) n Living Root		Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \	ors (minimum of two req I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery	quired)
Type: _ Depth (Remarks: HYDROL Wetland Hyd Primary Indi Surface High W Saturat Water Sedime Drift De	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3)	is required: ch	Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized Ri	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres of f Reduced Iron) c1) n Living Root n (C4)	ts (C3)	Secondary Indicate Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S	ors (minimum of two required lands) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) Visible on Aerial Imagery Stressed Plants (D1)	quired)
Type: _ Depth (Remarks: HYDROL Wetland Hyd Primary Indi Surface High W Saturat Water Sedime Drift De Algal N	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) flat or Crust (B4)	is required: ch	Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized Ri Presence o	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or f Reduced Iror i Reduction in) c1) n Living Root n (C4)	ts (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S Geomorphic	ors (minimum of two required lands) I Cracks (B6) Atterns (B10) Water Table (C2) Frows (C8) Visible on Aerial Imagery Stressed Plants (D1) E Position (D2)	quired)
Type: _ Depth (Remarks: HYDROL Wetland Hyd Primary Indi Surface High W Saturat Water Sedime Drift De Algal M Iron De	drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) flat or Crust (B4) eposits (B5)		Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized RI Presence o Recent Iron	una (B13) ic Plants (B14) Sulfide Odor (Conizospheres of f Reduced Iron Reduction in Surface (C7)) c1) n Living Root n (C4)	ts (C3)	Secondary Indicate Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S	ors (minimum of two required lands) I Cracks (B6) Atterns (B10) Water Table (C2) Frows (C8) Visible on Aerial Imagery Stressed Plants (D1) E Position (D2)	quired)
Type: _ Depth (Remarks: HYDROL Wetland Hyd Primary Indi Surface High W Saturat Water Sedime Drift De Algal M Iron De Inunda	drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /at or Crust (B4) eposits (B5) tion Visible on Aerial Im	agery (B7)	Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (Conizospheres of f Reduced Iron Reduction in Surface (C7) Vell Data (D9)) n Living Root n (C4) Tilled Soils (ts (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S Geomorphic	ors (minimum of two required lands) I Cracks (B6) Atterns (B10) Water Table (C2) Frows (C8) Visible on Aerial Imagery Stressed Plants (D1) E Position (D2)	quired)
Type: Depth (Remarks: HYDROL Wetland Hyde Surface High W Saturat Water Sedime Drift De Algal N Iron De Inunda Sparse	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) flat or Crust (B4) eposits (B5) tion Visible on Aerial Im	agery (B7)	Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (Conizospheres of f Reduced Iron Reduction in Surface (C7)) n Living Root n (C4) Tilled Soils (ts (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S Geomorphic	ors (minimum of two required lands) I Cracks (B6) Atterns (B10) Water Table (C2) Frows (C8) Visible on Aerial Imagery Stressed Plants (D1) E Position (D2)	quired)
Type: Depth (Remarks: HYDROL Wetland Hyd Primary Indi Surface High W Saturat Water Sedime Drift De Algal M Iron De Inunda Sparse	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) flat or Crust (B4) eposits (B5) tion Visible on Aerial Im ely Vegetated Concave Sevations:	agery (B7) Surface (B8)	Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck Gauge or V Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or f Reduced Iror Reduction in Surface (C7) Vell Data (D9) ain in Remark) n Living Root n (C4) Tilled Soils (ts (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S Geomorphic	ors (minimum of two required lands) I Cracks (B6) Atterns (B10) Water Table (C2) Frows (C8) Visible on Aerial Imagery Stressed Plants (D1) E Position (D2)	quired)
Type: Depth (Remarks: HYDROL Wetland Hyde Satural Water Sedime Drift De Algal North De Inunda Sparsee Field Obsert Surface Water	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /at or Crust (B4) eposits (B5) tion Visible on Aerial Im ely Vegetated Concave Sevations: ter Present?	agery (B7) Surface (B8) Yes No	Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck Gauge or V Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (Control of Reduced Iron Reduction in Surface (C7) Vell Data (D9) ain in Remark s): N/A) n Living Root n (C4) Tilled Soils (ts (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S Geomorphic	ors (minimum of two required lands) I Cracks (B6) Atterns (B10) Water Table (C2) Frows (C8) Visible on Aerial Imagery Stressed Plants (D1) E Position (D2)	quired)
Type: Depth (Remarks: HYDROL Wetland Hyd Primary Indi Surface High W Saturat Water Sedime Drift De Algal M Iron De Inunda Sparse	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /at or Crust (B4) eposits (B5) tion Visible on Aerial Im ely Vegetated Concave Sevations: ter Present?	agery (B7) Surface (B8)	Water-Stair Aquatic Fat True Aquat Hydrogen S Oxidized RI Presence of Recent Iron Thin Muck Gauge or V Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (Conizospheres of Reduced Iron Reduction in Surface (C7) Vell Data (D9) ain in Remark s): N/A N/A	n Living Root n (C4) Tilled Soils (ts (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S Geomorphic	ors (minimum of two required to two required t	quired)

Remarks:

Project/Site:	Pleasant Prairie							City/Cour	ty: Gallowa	ay/Frankl	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy							Sta	te: OH		Sampling Point:	dp117
Investigator(s):	C Renskers								Section,	Townshi	p, Range: N/A	***
Landform (hillslope,	terrace, etc.):		Summit						_	Loca	al relief (concave, convex, none): n	one
Slope (%):	0%	Lat:		39.909	6			Long:			83.1904	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 pe	rcent slopes (Ko)							NWI classific	cation: PUBG
Are climatic / hydrole	ogic conditions on the	site typical f	or this time of yea	ar?				Ye	x_	No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	sigi	nificantly dist	urbed?	Are	"Norma	Il Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydrology	N	nat	urally problen	natic?	(If r	needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site n	nap showing	sampling point	locations	s, tran	sects, imp	ortant feat	ıres, etc	: .		
Hydrophytic Veg	getation Present?			Yes		No	X	ls th	e Sampl	led Are	ea	
Hydric Soil Pres				Yes	_	No	Х	with	in a Wet	land?	Yes	No <u>x</u>
Wetland Hydrol	ogy Present?			Yes	_	No_	Х					
Remarks: VEGETATION -	Use scientific n	ames of	plants.									
							Absolute	Dominant	Indic			
Tree Stratum (Plot	size: 30' radius)					_	% Cover	Species?	Stat	tus	Dominance Test worksheet:	
1												
2											Number of Dominant Species	
3									- —		That Are OBL, FACW, or FAC:	(A)
4												
5											Total Number of Dominant	
								= Total Cover			Species Across All Strata:	1 (B)
	um (Plot size: 15' radiu	is)									Percent of Dominant Species	
1						— -					That Are OBL, FACW, or FAC:	(A/B)
2												
3.						— -						
4						— -					Prevalence Index worksheet:	
5.									- —			
								= Total Cover			Total % Cover of: That Are OBL, FACW, or FAC:	Multiply by:
Herb Stratum (Plot	eize: 5' radius)										OBL species	x1 =
1. Glycine max				-			90%	Yes	UP	DI .	FACW species	x2 =
2.						— -	30 70	103			FAC species	x3 =
3											FACU species	x4 =
4						— -					UPL species 90%	x5 = 4.50
5						— -					Column Totals: 90%	(A) 4.50 (B)
6												(0)
7											Prevalence Index = B	i/A = 5.00
8											Trevalence mack = 5	0.00
9.												
10.											Hydrophytic Vegetation Indicate	ors:
11.											Try and project to get an arminum	
12.											1-Rapid Test for Hydrop	hytic Vegetation
13.											2-Dominance Test is >5	
14.											3-Prevalence Index is ≤3	
15.											4-Morphological Adaptat	tions ¹ (Provide supporting
16.											data in Remarks or on a	a separate sheet)
17.											Problematic Hydrophytic	
18.											—	
19.											¹ Indicators of hydric soil and wetle	and hydrology must
20.											be present, unless disturbed or p	roblematic.
							90%	= Total Cover				
Woody Vine Stratum	n (Plot size: 30' radius)									Hydrophytic	
	- `										Vegetation	
2.												No X
								= Total Cover			_	
Remarks: (Include i	photo numbers here or	on a separa	ate sheet.)									
		-										

Profile Desc	ription: (Describe to t	he denth nee	ded to document the	indicator or co	onfirm the a	hsence o	f indicators)	54441000000 0410400 <u>0</u>	
Depth	Matrix	ine deptir nee		edox Features	Jiiiiiiii tiic u	bacilioc o	maioutors.,		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Rema	rks
0-2"	10YR 4/2	100	(,				Loam		
2-16"	10YR 4/4	100					Clay Loam		
							· ——		
		- — –		- —					
¹ Type: C=C	concentration, D=Deplet	ion PM-Podu	upod Matrix, CS=Cover	od or Coated S	and Grains	² l conti	on: PL=Pore Lining	M-Matrix	
lydric Soil I		ion, Kivi-Redu	iced Matrix, CS=Cover	ed or Coaled S	and Grains.		t Indicators of Hyd		
Histoso			Sandy Glev	ed Matrix (S4)			-	nese Masses (F12)	
	Epipedon (A2)		Sandy Red	, ,				w Dark Surface (F22	2)
Black H	listic (A3)		Stripped M	, ,				ain in Remarks)	,
Hydrog	en Sulfide (A4)		Dark Surfa	ce (S7)					
	ed Layers (A5)			ky Mineral (F1	,				
	luck (A10)			yed Matrix (F2)					
	ed Below Dark Surface	(A11)	Depleted M				3		
	Oark Surface (A12)			Surface (F6)	7)			ndicators have been u	•
	Mucky Mineral (S1) lucky Peat or Peat (S3)			ark Surface (F ressions (F8)	()			e <i>Field Indicators of I</i> States , Version 8.0, 2	•
	doky real of real (00)		Redox Dep	163310113 (1 0)			iii tile Oliitea C	states, version o.o, z	.010.
	.ayer (if observed):								
Type: _						Hydric	Soil Present?	Yes	No X
Type: _ Depth (i						Hydric	Soil Present?	Yes	No_X
Type: _						Hydric	Soil Present?	Yes	No X
Type: _ Depth (i						Hydric	Soil Present?	Yes	No X
Type: _ Depth (i	nches):					Hydric	Soil Present?	Yes	No X
Type:	nches):					Hydric	Soil Present?	Yes	No X
Type:	OGY drology Indicators:	is required: ch				Hydric	Secondary Indica	itors (minimum of two	
Type:	OGY drology Indicators:	is required: ch		ned Leaves (B	9)	Hydric	Secondary Indica		
Type: _ Depth (i	OGY Irology Indicators: cators (minimum of one a Water (A1)	is required: ch	Water-Stair Aquatic Fa	una (B13)		Hydric	Secondary Indica Surface So Drainage P	ntors (minimum of two il Cracks (B6) atterns (B10)	
Type:	OGY drology Indicators: cators (minimum of one water (A1) dater Table (A2) ion (A3)	is required: ch	Water-Stain Aquatic Fa True Aquat	una (B13) ic Plants (B14)		Hydric	Secondary Indica Surface So Drainage P Dry-Seasor	ntors (minimum of two il Cracks (B6) atterns (B10) n Water Table (C2)	
Type: _ Depth (i Remarks: HYDROL Wetland Hyo Primary India Surface High W Saturat Water I	OGY Irology Indicators: cators (minimum of one a Water (A1) Idater Table (A2) ion (A3) Marks (B1)	is required: ch	Water-Stair Aquatic Far True Aquat Hydrogen S	una (B13) ic Plants (B14) Sulfide Odor (C	1)		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	ntors (minimum of two il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8)	o required)
Type:	OGY Irology Indicators: cators (minimum of one of water (A1) later Table (A2) ion (A3) Marks (B1) ent Deposits (B2)	is required: ch	Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized R	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or	1) Living Root		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	ntors (minimum of two il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imaç	p required)
Type:	DGY Irology Indicators: cators (minimum of one of Water (A1) later Table (A2) ion (A3) Marks (B1) ont Deposits (B2) oposits (B3)	is required: ch	Water-Stain Aquatic Fai True Aquat Hydrogen S Oxidized R Presence c	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or f Reduced Iron	1) Living Root (C4)	es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or	ators (minimum of two il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imag Stressed Plants (D1)	p required)
Type: Depth (ii lemarks: HYDROL Wetland Hyo Primary India Surface High W Saturat Water I Sedime Drift De Algal M	orches): drology Indicators: cators (minimum of one or Water (A1) later Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4)	is required: ch	Water-Stair Aquatic Far True Aquat Hydrogen S Oxidized R Presence of	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or f Reduced Iror i Reduction in	1) Living Root (C4)	es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of two il Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Imag Stressed Plants (D1) c Position (D2)	p required)
Type:	orches): prology Indicators: cators (minimum of one of water (A1) later Table (A2) ion (A3) Marks (B1) ent Deposits (B2) oposits (B3) lat or Crust (B4) posits (B5)		Water-Stair Aquatic Far True Aquat Hydrogen S Oxidized R Presence c Recent Iror Thin Muck	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or f Reduced Iror Reduction in Surface (C7)	1) Living Root (C4)	es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ators (minimum of two il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imag Stressed Plants (D1)	p required)
Type:	riches): DGY Irology Indicators: cators (minimum of one a Water (A1) later Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) eposits (B5) tion Visible on Aerial Im	agery (B7)	Water-Stail Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or f Reduced Iror Reduction in Surface (C7) Vell Data (D9)	1) Living Root (C4) Filled Soils (es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of two il Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Imag Stressed Plants (D1) c Position (D2)	p required)
Type: Depth (ii emarks: HYDROL Wetland Hyo Primary India Surface High W Saturat Water I Sedime Drift De Algal M Iron De Inunda Sparse	DGY Irology Indicators: cators (minimum of one of Water (A1) later Table (A2) lion (A3) Marks (B1) lont Deposits (B2) loposits (B3) lat or Crust (B4) loposits (B5) ltion Visible on Aerial Im ly Vegetated Concave S	agery (B7)	Water-Stail Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or f Reduced Iror Reduction in Surface (C7)	1) Living Root (C4) Filled Soils (es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of two il Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Imag Stressed Plants (D1) c Position (D2)	p required)
Type: Depth (ii Pemarks: HYDROL Wetland Hyo Primary India Surface High W Saturat Water I Sedime Drift De Algal M Iron De Inunda Sparse	riches): DGY Irology Indicators: cators (minimum of one of water (A1) later Table (A2) lion (A3) Marks (B1) lont Deposits (B2) loposits (B3) lat or Crust (B4) lator Crust (B4) loposits (B5) ltion Visible on Aerial Im ly Vegetated Concave Sevations:	agery (B7) Surface (B8)	Water-Stai Aquatic Fai True Aquat Hydrogen S Oxidized R Presence c Recent Iror Thin Muck Gauge or V Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or f Reduced Iror Reduction in Surface (C7) Vell Data (D9) ain in Remarks	1) Living Root (C4) Filled Soils (es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of two il Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Imag Stressed Plants (D1) c Position (D2)	p required)
Type: Depth (ii Pemarks: HYDROL Wetland Hyo Primary India Surface High W Saturat Water I Sedime Drift De Algal M Iron De Inunda: Sparse Field Observ Surface Wat	riches): OGY Irology Indicators: cators (minimum of one of water (A1) later Table (A2) ion (A3) Marks (B1) ent Deposits (B2) posits (B3) lat or Crust (B4) posits (B5) tion Visible on Aerial Im ly Vegetated Concave S vations: er Present?	agery (B7) Surface (B8) Yes No	Water-Stair Aquatic Far True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or f Reduced Iror Reduction in Surface (C7) Vell Data (D9) ain in Remarks	1) Living Root (C4) Filled Soils (es (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of two il Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Imag Stressed Plants (D1) c Position (D2)	p required)
Type: Depth (ii Remarks: HYDROL Wetland Hyo Primary India Surface High W Saturat Water I Sedime Drift De Algal M Iron De Inundar	orches): drology Indicators: cators (minimum of one of Water (A1) dater Table (A2) don (A3) Marks (B1) ent Deposits (B2) doposits (B3) dat or Crust (B4) posits (B5) dition Visible on Aerial Imply Vegetated Concave September 1998 Vations: er Present? Present?	agery (B7) Surface (B8)	Water-Stail Aquatic Fai True Aquat Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Gauge or V Other (Expl	una (B13) ic Plants (B14) Sulfide Odor (C hizospheres or f Reduced Iror Reduction in Surface (C7) Vell Data (D9) ain in Remarks s): N/A N/A	1) Living Root (C4) Filled Soils (rs (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi	ntors (minimum of two il Cracks (B6) atterns (B10) in Water Table (C2) irrows (C8) Visible on Aerial Imag Stressed Plants (D1) c Position (D2)	p required)

Remarks:

Project/Site:	Pleasant Prairie							City/Coun	ty: Galloway	//Frankl	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy							Sta	te: OH		Sampling Point:	dp118
Investigator(s):	C Renskers								Section, T	ownshi	p, Range: N/A	***
Landform (hillslope,	terrace, etc.):		Summit						_	Loca	al relief (concave, convex, none): n	one
Slope (%):	0%	Lat:		39.909	8			Long:			83.1903	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loan	n, 0 to 2 pe	cent slopes (Ko)								NWI classifi	cation: none
Are climatic / hydrole	ogic conditions on the s	ite typical fo	or this time of yea	r?				Ye	xx	No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	sign	nificantly dist	urbed?	Are	"Norma	Il Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydrology	N	nat	urally problen	natic?	(If ne	eeded,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site m	ap showing	sampling point	locations	s, tran	sects, imp	ortant feat	ıres, etc.			
Hydrophytic Veg	getation Present?			Yes		No	Х	Is th	e Sample	d Are	a	
Hydric Soil Pres	sent?			Yes		No	Х	with	in a Wetla	and?	Yes	No <u>x</u>
Wetland Hydrol	ogy Present?			Yes	_	No_	Х					
Remarks: VEGETATION -	Use scientific n	ames of	plants.									
							Absolute	Dominant	Indica	tor		
Tree Stratum (Plot	size: 30' radius)					_	% Cover	Species?	Statu	ıs	Dominance Test worksheet:	
1.												
2.											Number of Dominant Species	
3.											That Are OBL, FACW, or FAC:	(A)
4												
5.											Total Number of Dominant	
								= Total Cover			Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radiu	s) -									Percent of Dominant Species	
1											That Are OBL, FACW, or FAC:	(A/B)
2.												
3.												
4											Prevalence Index worksheet:	
5.												
								= Total Cover			Total % Cover of:	Multiply by:
											That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)										OBL species	x1 =
1. Glycine max						— -	90%	Yes	UPL		FACW species	x2 =
2						— -			- —	_	FAC species	x3 =
3.						— -			- —	_	FACU species	x4 =
4						— -			- —	_	UPL species 90%	x5 = 4.50
5						— -			- —		Column Totals: 90%	(A) 4.50 (B)
6						— -			- —		.	
·						— -			- —	_	Prevalence Index = B	3/A = 5.00
°.						— -						
9						— -				_		
10						— -					Hydrophytic Vegetation Indicat	ors.
11						— -					1. Danid Tool for University	hutin Vegetation
						— -				_	1-Rapid Test for Hydrop	
13. 14.						—-				_	2-Dominance Test is >5 3-Prevalence Index is ≤3	
15.										_	l —	tions¹ (Provide supporting
16.						— -				_	data in Remarks or on a	
17.						— -					Problematic Hydrophyti	
18.											— · · · · · · · · · · · · · · · · · ·	(=======
19.						— -				_	¹ Indicators of hydric soil and wetle	and hydrology must
20.						— -				_	be present, unless disturbed or p	
						— -	90%	= Total Cover			be present, unless disturbed of p	- Control Mary
							V 0 /0	- rotal cover				
Woody Vine Stratum	n (Plot size: 30' radius	1								_	Hydrophytic	
											Vegetation	
2.						— –						No_X_
I						— -		= Total Cover				
						-						
Remarks: (Include a	photo numbers here or	on a senara	te sheet)									
, and the first of	Illiand I livio Ol	oopule										

rofile Description: (Describe to t	he depth needed	to document the ir	ndicator or confi	rm the abs	sence of in	dicators.)		
epth Matrix	•		dox Features			,		
nches) Color (moist)	%	Color (moist)		Type ¹	Loc ²	Texture	Ren	narks
0-16" 10YR 2/2	100					oam		
ype: C=Concentration, D=Deplet	ion, RM=Reduced	Matrix, CS=Covere	d or Coated Sand	I Grains.	² Location:	PL=Pore Lining	, M=Matrix.	
dric Soil Indicators ³ :					Test In	dicators of Hydr	ic Soils:	
_ Histosol (A1)			ed Matrix (S4)		_		nese Masses (F12	-
Histic Epipedon (A2)		Sandy Redo			_		w Dark Surface (F	22)
Black Histic (A3)		Stripped Mat	` '		_	Other (Expl	ain in Remarks)	
Hydrogen Sulfide (A4)		Dark Surface	, ,					
Stratified Layers (A5) 2 cm Muck (A10)			y Mineral (F1) ed Matrix (F2)					
Depleted Below Dark Surface ((Δ11)	Depleted Ma						
Thick Dark Surface (A12)	(2011)	Redox Dark			3	The hydric soil in	dicators have been	n undated to
Sandy Mucky Mineral (S1)			rk Surface (F7)			•	e Field Indicators o	•
5 cm Mucky Peat or Peat (S3)		Redox Depre					States , Version 8.0	-
estrictive Layer (if observed):		_					,	,
Туре:					Hydric So	oil Present?	Yes	No X
Type:					Hydric Sc	il Present?	Yes	NoX
Type: Depth (inches): marks:					Hydric So	oil Present?	Yes	No X
Type:					Hydric Sc	il Present?	Yes	NoX
Type: Depth (inches): marks: YDROLOGY etland Hydrology Indicators:	is required: check	all that apply)					Yes	
Type: Depth (inches): marks: YDROLOGY etland Hydrology Indicators:	is required: check		ed Leaves (B9)			Secondary Indicat		
Type: Depth (inches): marks: YDROLOGY etland Hydrology Indicators: rimary Indicators (minimum of one	is required: check					Secondary Indicat	tors (minimum of t	
Type: Depth (inches): marks: YDROLOGY etland Hydrology Indicators: rimary Indicators (minimum of one Surface Water (A1)	is required: check	Water-Staine Aquatic Faul				Secondary Indical Surface Soi Drainage Pa	tors (minimum of to I Cracks (B6)	wo required)
Type: Depth (inches): marks: YDROLOGY etland Hydrology Indicators: rimary Indicators (minimum of one Surface Water (A1) High Water Table (A2)	is required: check	Water-Staine Aquatic Faul True Aquatic	na (B13)			Secondary Indical Surface Soi Drainage Pa	tors (minimum of to I Cracks (B6) atterns (B10) Water Table (C2)	wo required)
Type: Depth (inches): marks: TDROLOGY etland Hydrology Indicators: imary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	is required: check	Water-Staine Aquatic Faul True Aquatic Hydrogen St	na (B13) : Plants (B14) ulfide Odor (C1) izospheres on Liv	ing Roots (- - - - -	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \	tors (minimum of to I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Im	wo required)
Type: Depth (inches): marks: TOROLOGY etland Hydrology Indicators: imary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	is required: check	Water-Stain Aquatic Fau True Aquatic Hydrogen St Oxidized Rh Presence of	na (B13) : Plants (B14) ulfide Odor (C1) izospheres on Liv Reduced Iron (C4	ing Roots ((C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \	tors (minimum of to I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Im Stressed Plants (D	wo required)
Type: Depth (inches): marks: TDROLOGY etland Hydrology Indicators: imary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)	is required: check	Water-Staine Aquatic Faul True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron	na (B13) c Plants (B14) ulfide Odor (C1) izospheres on Liv Reduced Iron (C ² Reduction in Tille	ing Roots ((C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S	tors (minimum of to I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Im Stressed Plants (D © Position (D2)	wo required)
Type: Depth (inches): marks: TOROLOGY etland Hydrology Indicators: imary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)		Water-Staine Aquatic Faul True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S	na (B13) c Plants (B14) ulfide Odor (C1) izospheres on Liv Reduced Iron (C ² Reduction in Tille urface (C7)	ing Roots ((C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \	tors (minimum of to I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Im Stressed Plants (D © Position (D2)	wo required)
Type: Depth (inches): Marks: MOROLOGY Etland Hydrology Indicators: Imary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Images	agery (B7)	Water-Staine Aquatic Faul True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	na (B13) c Plants (B14) ulfide Odor (C1) izospheres on Liv Reduced Iron (C4 Reduction in Tille urface (C7) ell Data (D9)	ing Roots ((C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S	tors (minimum of to I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Im Stressed Plants (D © Position (D2)	wo required)
Type: Depth (inches): marks: YDROLOGY etland Hydrology Indicators: rimary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	agery (B7)	Water-Staine Aquatic Faul True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	na (B13) c Plants (B14) ulfide Odor (C1) izospheres on Liv Reduced Iron (C ² Reduction in Tille urface (C7)	ing Roots ((C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S	tors (minimum of to I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Im Stressed Plants (D © Position (D2)	wo required)
Type: Depth (inches): marks: YDROLOGY etland Hydrology Indicators: rimary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Im- Sparsely Vegetated Concave S	agery (B7)	Water-Staine Aquatic Faul True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	na (B13) c Plants (B14) ulfide Odor (C1) izospheres on Liv Reduced Iron (C4 Reduction in Tille urface (C7) ell Data (D9)	ing Roots ((C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S	tors (minimum of to I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Im Stressed Plants (D © Position (D2)	wo required)
Type: Depth (inches): marks: YDROLOGY etland Hydrology Indicators: rimary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Im Sparsely Vegetated Concave Seld Observations:	agery (B7)	Water-Staine Aquatic Faul True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	na (B13) c Plants (B14) ulfide Odor (C1) izospheres on Liv Reduced Iron (C2 Reduction in Tille urface (C7) ell Data (D9) in in Remarks)	ing Roots ((C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation \ Stunted or S	tors (minimum of to I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Im Stressed Plants (D © Position (D2)	wo required)
Type: Depth (inches): PMARCLOGY [etland Hydrology Indicators: rimary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Image Sparsely Vegetated Concave Seld Observations: urface Water Present?	agery (B7) Surface (B8)	Water-Staine Aquatic Faul True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Explain	na (B13) c Plants (B14) ulfide Odor (C1) izospheres on Liv Reduced Iron (C2 Reduction in Tille urface (C7) ell Data (D9) in in Remarks)): N/A	ing Roots ((C3) -	Secondary Indicates Surface Soi Drainage Pates Dry-Season Crayfish But Saturation Notes Stunted or Stunted or Stunted FAC-Neutrates	tors (minimum of to I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Im Stressed Plants (D © Position (D2)	wo required)

Remarks:

Project/Site:	Pleasant Prairie				City/County: Ga	alloway/Frankl	in	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy				State: Of	75	Sampling Point:	dp119
Investigator(s):	C Renskers				Sec	tion, Townshi	p, Range: N/A	
Landform (hillslope,	terrace, etc.):	Toeslope				Loca	al relief (concave, convex, none):	concave
Slope (%):	0%	Lat:	39.9099	Lo	ng:		83.1902	Datum: NAD83 UTM16N
Soil Map Unit Name	: Lewisburg-Crosby o	omplex, 2 to 6 percent slopes	(LeB)				NWI classif	fication: none
Are climatic / hydrol	logic conditions on the	site typical for this time of yea	r?		Yes_X	No	(If no, explain in Remarks.)	<u>'</u>
Are Vegetation	N	, Soil N	, or Hydrology N	significantly disturbed	?	Are "Norma	I Circumstances" present?	Yes _X_No
Are Vegetation	N	, Soil N	, or Hydrology N	naturally problematic?		(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Att	ach site map showing	sampling point location	ns, transects, importa	nt features	etc.		
Hydrophytic Ve	getation Present?)	Yes x	No	Is the Sa	mpled Are	a	
Hydric Soil Pres	sent?		Yes x	No	within a	Wetland?	Yes>	No
Wetland Hydrol	ogy Present?		Yes x	No				
VEGETATION - Tree Stratum (Plot		names of plants.			Dominant Species?	Indicator Status	Dominance Test worksheet:	
1	3120. 00 Tadia3)				opecies:	Otatus	Dominance rest worksheet.	
2.							Number of Dominant Species	
3							That Are OBL, FACW, or FAC:	1 (A)
4								
5							Total Number of Dominant	
				= Tot	al Cover		Species Across All Strata:	1 (B)
October 10 hours of the	(Distributed AFI and	lla.\					B	
	um (Plot size: 15' rad						Percent of Dominant Species	4000/ (4/0)
1							That Are OBL, FACW, or FAC:	(A/B)
3								
J							Prevalence Index worksheet:	
5.							Prevalence index worksheet.	
0.				- Tot	al Cover		Total % Cover of:	Multiply by:
							That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)						OBL species 108%	x1 = 1.08
Leersia oryzoide	es		•	80%	Yes	OBL	FACW species	x2 =
2. Typha angustifo	olia			10%	No	OBL	FAC species	x3 =
3. Bidens cernua				5%	No	OBL	FACU species	x4 =
4. Echinochloa mu	uricata			5%	No	OBL	UPL species	x5 =
5. Schoenoplectus	s tabernaemontani			5%	No	OBL	Column Totals: 108%	(A) 1.08 (B)
6. Asclepias incan	nata			3%	No	OBL		
7							Prevalence Index =	B/A = 1.00
8								
9								
10							Hydrophytic Vegetation Indica	tors:
11.								
12.							X 1-Rapid Test for Hydro	
13.							X 2-Dominance Test is > x 3-Prevalence Index is s	
14. 15.								ations ¹ (Provide supporting
16.							data in Remarks or on	
17.							I	tic Vegetation ¹ (Explain)
18.							—	
19.							¹ Indicators of hydric soil and wet	land hydrology must
20.							be present, unless disturbed or	problematic.
				108% = Tot	al Cover			
Woody Vine Stratur	n (Plot size: 30' radio	us)					Hydrophytic	
1							Vegetation	
2.							Present? Yes	X No
				= Tot	al Cover			
Remarks: (Include	photo numbers here of	or on a separate sheet.)						

Profile Description: (Describe to the depth receded to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features (inches) Color (moist) % Color (moist) % Type¹ Loc² Texture Remarks 3-18" 10YR 3/1 100										
Depth Matrix Redox Features Color (moist) % Color (moist) % Type¹ Loc² Texture Remarks 0-3" 10YR 3/1 100	SOIL							Sampl	ling Point:	dp119
Color (moist)	Profile Desc	cription: (Describe to t	ne depth nee	eded to document the in	dicator or o	onfirm the a	absence o	f indicators.)		
10YR 3/1 100 10YR 5/6 3 c m clay loam clay loam	Depth	Matrix		Red	ox Features					
3-18" 10YR 5/1 97 10YR 5/6 3 c m clay loam 1 Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. 2 Location: PL=Pore Lining, M=Matrix. Hydric Soil Indicators3: Test Indicators of Hydric Soils: Histosol (A1) Sandy Gleyed Matrix (S4) Iron-Manganese Masses (F12) Histic Epipedon (A2) Sandy Redox (S5) Very Shallow Dark Surface (F22) Black Histic (A3) Stripped Matrix (S6) Other (Explain in Remarks) Hydrogen Sulfide (A4) Dark Surface (S7) Stratified Layers (A5) Loamy Mucky Mineral (F1) 2 cm Muck (A10) Loamy Gleyed Matrix (F2) X Depleted Below Dark Surface (A11) X Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) 3 The hydric soil indicators have been updated to comply with the Field Indicators of Hydric Soils	(inches)	Color (moist)	<u>%</u>	Color (moist)	<u></u> %	Type ¹	Loc ²	Texture	Re	marks
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Hydric Soil Indicators ³ : Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stripped Matrix (S6) Hydrogen Sulfide (A4) Stratified Layers (A5) Stratified Layers (A5) 2 cm Muck (A10) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Redox (S5) Loamy Gleyed Matrix (F2) Depleted Dark Surface (F7) The hydric soil indicators have been updated to comply with the Field Indicators of Hydric Soils	0-3"	10YR 3/1	100					Mucky Loam		
Hydric Soil Indicators 3: Histosol (A1) Sandy Gleyed Matrix (S4) Histic Epipedon (A2) Sandy Redox (S5) Very Shallow Dark Surface (F22) Hydrogen Sulfide (A4) Straiffied Layers (A5) Straiffied Layers (A5) Loamy Mucky Mineral (F1) Z cm Muck (A10) Loamy Gleyed Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Test Indicators of Hydric Soils: Iron-Manganese Masses (F12) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Loamy Mucky Mineral (F1) Loamy Gleyed Matrix (F3) Redox Dark Surface (F6) 3 The hydric soil indicators have been updated to comply with the Field Indicators of Hydric Soils	3-18"	10YR 5/1	97	10YR 5/6	3	С	m	clay loam		
Hydric Soil Indicators 3: Histosol (A1) Sandy Gleyed Matrix (S4) Histic Epipedon (A2) Sandy Redox (S5) Very Shallow Dark Surface (F22) Hydrogen Sulfide (A4) Straiffied Layers (A5) Straiffied Layers (A5) Loamy Mucky Mineral (F1) Z cm Muck (A10) Loamy Gleyed Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Test Indicators of Hydric Soils: Iron-Manganese Masses (F12) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Loamy Mucky Mineral (F1) Loamy Gleyed Matrix (F3) Redox Dark Surface (F6) 3 The hydric soil indicators have been updated to comply with the Field Indicators of Hydric Soils										
Hydric Soil Indicators 3: Histosol (A1) Sandy Gleyed Matrix (S4) Histic Epipedon (A2) Sandy Redox (S5) Very Shallow Dark Surface (F22) Hydrogen Sulfide (A4) Straiffied Layers (A5) Straiffied Layers (A5) Loamy Mucky Mineral (F1) Z cm Muck (A10) Loamy Gleyed Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Test Indicators of Hydric Soils: Iron-Manganese Masses (F12) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Loamy Mucky Mineral (F1) Loamy Gleyed Matrix (F2) X Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) comply with the Field Indicators of Hydric Soils										
Hydric Soil Indicators 3: Histosol (A1) Sandy Gleyed Matrix (S4) Histic Epipedon (A2) Sandy Redox (S5) Very Shallow Dark Surface (F22) Hydrogen Sulfide (A4) Straiffied Layers (A5) Straiffied Layers (A5) Loamy Mucky Mineral (F1) Z cm Muck (A10) Loamy Gleyed Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Test Indicators of Hydric Soils: Iron-Manganese Masses (F12) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Loamy Mucky Mineral (F1) Loamy Gleyed Matrix (F2) X Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) comply with the Field Indicators of Hydric Soils										
Hydric Soil Indicators 3: Histosol (A1) Sandy Gleyed Matrix (S4) Histic Epipedon (A2) Sandy Redox (S5) Very Shallow Dark Surface (F22) Hydrogen Sulfide (A4) Straiffied Layers (A5) Straiffied Layers (A5) Loamy Mucky Mineral (F1) Z cm Muck (A10) Loamy Gleyed Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Test Indicators of Hydric Soils: Iron-Manganese Masses (F12) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Very Shallow Dark Surface (F22) Loamy Mucky Mineral (F1) Loamy Gleyed Matrix (F3) Redox Dark Surface (F6) 3 The hydric soil indicators have been updated to comply with the Field Indicators of Hydric Soils	1						2			
Histosol (A1) Sandy Gleyed Matrix (S4) Iron-Manganese Masses (F12) Sandy Redox (S5) Very Shallow Dark Surface (F22) Black Histic (A3) Stripped Matrix (S6) Other (Explain in Remarks) Hydrogen Sulfide (A4) Stratified Layers (A5) Loamy Mucky Mineral (F1) 2 cm Muck (A10) Loamy Gleyed Matrix (F2) X Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Comply with the Field Indicators of Hydric Soils			on, RM=Red	uced Matrix, CS=Covered	d or Coated	Sand Grains.				
Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stripped Matrix (S6) Dark Surface (S7) Stratified Layers (A5) Z cm Muck (A10) X Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Selected Matrix (F2) Redox Dark Surface (F6) Depleted Dark Surface (F7) Very Shallow Dark Surface (F22) Other (Explain in Remarks) Other (Explain in Remarks) Loamy Gleyed Matrix (F2) Sandy Mucky Mineral (S1) Thick Dark Surface (A11) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Comply with the Field Indicators of Hydric Soils	•			Sandy Claye	d Matrix (C4	`	les	•		2)
Black Histic (A3) Stripped Matrix (S6) Other (Explain in Remarks) Hydrogen Sulfide (A4) Dark Surface (S7) Stratified Layers (A5) Loamy Mucky Mineral (F1) Loamy Gleyed Matrix (F2) X Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Comply with the Field Indicators of Hydric Soils		,			•)			•	,
Hydrogen Sulfide (A4) Stratified Layers (A5) 2 cm Muck (A10) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Dark Surface (F6) Dark Surface (F7) Dark Surface (F7) Dark Surface (S7) Loamy Mucky Mineral (F1) Loamy Gleyed Matrix (F2) Depleted Matrix (F3) Redox Dark Surface (F6) 3 The hydric soil indicators have been updated to comply with the Field Indicators of Hydric Soils					, ,				,	F22)
Stratified Layers (A5) 2 cm Muck (A10) Loamy Gleyed Matrix (F2) X Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Loamy Gleyed Matrix (F3) Redox Dark Surface (F6) Sendy Mucky Mineral (S1) Sometimes of Hydric Soils		,			(/			Other (Explai	in in Remarks)	
2 cm Muck (A10) Loamy Gleyed Matrix (F2) X Depleted Below Dark Surface (A11) X Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) 3The hydric soil indicators have been updated to Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) comply with the Field Indicators of Hydric Soils					, ,	4)				
X Depleted Below Dark Surface (A11) X Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) 3The hydric soil indicators have been updated to comply with the Field Indicators of Hydric Soils Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) comply with the Field Indicators of Hydric Soils		• ' '			,	•				
Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Redox Dark Surface (F6) Depleted Dark Surface (F7) Redox Dark Surface (F6) The hydric soil indicators have been updated to comply with the Field Indicators of Hydric Soils			Δ11\		•	.)				
Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) comply with the Field Indicators of Hydric Soils		,	A11)					3The hydric soil ind	licators have be	en undated to
<u> </u>					` '			•		•
		. ,				7)				•
Restrictive Layer (if observed):	Restrictive I	Layer (if observed):								

Hydric Soil Present?

Yes X No_

Depth (inches):

Remarks:

HYDROLOGY						
Wetland Hydrology Indicators:		120				
Primary Indicators (minimum of one is required: check	all that apply)	Secondary Indicators (minimum of two required)				
Surface Water (A1)	Water-Stained Leaves (B9)	Surface Soil Cracks (B6)				
High Water Table (A2)	Aquatic Fauna (B13)	Drainage Patterns (B10)				
X Saturation (A3)	True Aquatic Plants (B14)	Dry-Season Water Table (C2)				
Water Marks (B1)	Hydrogen Sulfide Odor (C1)	Crayfish Burrows (C8)				
Sediment Deposits (B2)	Oxidized Rhizospheres on Living Roots (C3)	Saturation Visible on Aerial Imagery (C9)				
Drift Deposits (B3)	Presence of Reduced Iron (C4)	Stunted or Stressed Plants (D1)				
Algal Mat or Crust (B4)	Recent Iron Reduction in Tilled Soils (C6)	X Geomorphic Position (D2)				
Iron Deposits (B5)	Thin Muck Surface (C7)	X FAC-Neutral Test (D5)				
Inundation Visible on Aerial Imagery (B7)	Gauge or Well Data (D9)					
Sparsely Vegetated Concave Surface (B8)	Other (Explain in Remarks)					
Field Observations:						
Surface Water Present? Yes X No	Depth (inches):1"					
Water Table Present? Yes No _X	Depth (inches): N/A					
Saturation Present? Yes X No	Depth (inches): Surface Wetland Hydrole	ogy Present? Yes X No No				
(includes capillary fringe)						
Describe Recorded Data (stream gauge, monitoring we	ell, aerial photos, previous inspections), if available:					
Remarks:						
Remarks:						

Project/Site:	Pleasant Prairie				City/County	: Galloway/Frank	din	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy				State	0.000	Sampling Point:	dp120
Investigator(s):	C Renskers					Section, Townsh	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Summit				Loc	al relief (concave, convex, none): r	none
Slope (%):	0%	Lat:	39.9117		Long:		-83.1894	Datum: NAD83 UTM16N
Soil Map Unit Name	: Lewisburg-Crosby o	omplex, 2 to 6 percent slopes	(LeB)				NWI classifi	cation: none
Are climatic / hydrol	logic conditions on the	site typical for this time of yea	r?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology N	significantly distu	rbed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil N	, or Hydrology N	naturally problem	atic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Att	ach site map showing	sampling point locatio	ns, transects, imp	ortant featur	res, etc.		
Hydrophytic Ve	getation Present?	•	Yes	No x	Is the	Sampled Are	ea	
Hydric Soil Pres	sent?		Yes	No x	within	n a Wetland?	Yes	No <u>x</u> _
Wetland Hydrol	ogy Present?		Yes	No x				
Remarks: VEGETATION	Use scientific	names of plants.		Absolute	Dominant	Indicator	T	
Tree Stratum (Plot	size: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet:	
1. Morus alba				35%	Yes	FAC		
2. Prunus serotina	1			25%	Yes	FACU	Number of Dominant Species	
Gleditsia triacar	nthos			10%	No	FACU	That Are OBL, FACW, or FAC:	1 (A)
4								
5							Total Number of Dominant	
				70% =	Total Cover		Species Across All Strata:	6 (B)
0	(5)							
	tum (Plot size: 15' rac	ius)			Mari		Percent of Dominant Species	470/ (4/0)
1. Lonicera maack				35%	Yes	UPL	That Are OBL, FACW, or FAC:	(A/B)
2. Prunus serotina	1			10%	Yes	FACU		
3							Bravalance Index worksheet:	
5.							Prevalence Index worksheet:	
J.				45% =	Total Cover		Total % Cover of:	Multiply by:
							That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)						OBL species	x1 =
1. Zea mays				25%	Yes	UPL	FACW species	x2 =
2. Setaria faberi				20%	Yes	FACU	FAC species 35%	x3 = 1.05
3.							FACU species 65%	x4 = 2.60
4.							UPL species 60%	x5 = 3.00
5							Column Totals: 160%	(A) 6.65 (B)
6								
7							Prevalence Index = E	B/A = 4.16
8.								
9.								
10							Hydrophytic Vegetation Indicat	ors:
12.							1-Rapid Test for Hydrop	hutia Vagatatian
13.							2-Dominance Test is >5	,
14.							3-Prevalence Index is ≤	
15.							l —	tions ¹ (Provide supporting
16.							data in Remarks or on	
17.							Problematic Hydrophyti	
18.								
19.							¹ Indicators of hydric soil and wetl	and hydrology must
20.							be present, unless disturbed or p	problematic.
				45% =	Total Cover			
Woody Vine Stratun	n (Plot size: 30' radio	ıs)					Hydrophytic	
1							Vegetation	
2.							Present? Yes_	No X
					Total Cover			
Remarks: (Include	photo numbers here of	or on a separate sheet.)						

SOIL							Samp	ling Point:	dp120
Profile Desc	cription: (Describe to th	e depth needed	to document the in	dicator or co	onfirm the a	bsence of	indicators.)	-	
Depth	Matrix			ox Features					
(inches)	Color (moist)	%	Color (moist)	<u></u> %	Type ¹	Loc ²	Texture	Ren	narks
0-3"	10YR 3/2	_100_					Loam		
3-18"	10YR 4/2	100					Clay Loam		
¹ Type: C=C	Concentration, D=Depletion	on, RM=Reduced	Matrix, CS=Covered	or Coated S	and Grains.	² Locatio	on: PL=Pore Lining,	M=Matrix.	
Hydric Soil		,	, , , , , , , , , , , , , , , , , , , ,				Indicators of Hydri		
Histoso	ol (A1)		Sandy Gleyed	d Matrix (S4)			Iron-Mangar	nese Masses (F12)
Histic E	Epipedon (A2)		Sandy Redox	(S5)			Very Shallov	v Dark Surface (F	22)
Black H	Histic (A3)		Stripped Matr	rix (S6)			Other (Expla	in in Remarks)	
	en Sulfide (A4)		Dark Surface	. ,					
	ed Layers (A5)		Loamy Mucky		•				
	luck (A10)		Loamy Gleye						
	ed Below Dark Surface (A	A11)	Depleted Mat				3The hydric soil in	diantera hava haar	ndatad ta
	Dark Surface (A12) Mucky Mineral (S1)		Redox Dark S Depleted Dar		7)		³ The hydric soil inc	alcators nave beel Field Indicators (•
	flucky Peat or Peat (S3)		Redox Depre)			tates, Version 8.0	•
			Nedox Depic	3310113 (1 0,			iii tile oliitea o.	lates, version c.c	, 2010.
	aver lit cheeryodly								
Restrictive I	Layer (ii observed).								
Type:						Ludric	Soil Breeant?	Vec	No. Y
Type:	inches):					Hydric	Soil Present?	Yes	NoX
Type: _ Depth (i	inches):					Hydric	Soil Present?	Yes	NoX
Type: _ Depth (i	inches):					Hydric	Soil Present?	Yes	No X
Type:	OGY drology Indicators: cators (minimum of one is	s required: check				Hydric	Secondary Indicate	ors (minimum of to	
Type:	OGY drology Indicators:	s required: check	all that apply) Water-Staine	d Leaves (BS	9)	Hydric	Secondary Indicate		
Type:	OGY drology Indicators: cators (minimum of one is	s required: check			9)	Hydric	Secondary Indicate Surface Soil Drainage Pa	ors (minimum of to Cracks (B6) utterns (B10)	wo required)
Type:	OGY drology Indicators: cators (minimum of one is e Water (A1) //ater Table (A2) tion (A3)	s required: check	Water-Staine Aquatic Faun True Aquatic	a (B13) Plants (B14)		Hydric	Secondary Indicate Surface Soil Drainage Pa Dry-Season	ors (minimum of to Cracks (B6) utterns (B10) Water Table (C2)	wo required)
Type: _ Depth (i Remarks: HYDROL Wetland Hyd Primary India Surface High W Saturat Water	OGY drology Indicators: cators (minimum of one is e Water (A1) //ater Table (A2) tion (A3) Marks (B1)	s required: check	Water-Staine Aquatic Faun True Aquatic Hydrogen Sul	a (B13) Plants (B14) Ifide Odor (C	1)		Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Bur	ors (minimum of to Cracks (B6) utterns (B10) Water Table (C2) rrows (C8)	wo required)
Type:	OGY drology Indicators: cators (minimum of one is e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2)	s required: check	Water-Staine Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz	a (B13) Plants (B14) Ifide Odor (C zospheres on	1) Living Roo		Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V	ors (minimum of to Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) isible on Aerial Im	wo required)
Type:	OGY drology Indicators: cators (minimum of one is e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3)	s required: check	Water-Staine Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F	a (B13) Plants (B14) Ifide Odor (C zospheres on Reduced Iron	1) Living Root (C4)	ts (C3)	Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S	ors (minimum of to Cracks (B6) atterns (B10) Water Table (C2) rows (C8) fisible on Aerial Im	wo required)
Type: _ Depth (i Remarks: HYDROL Wetland Hyd Primary Indi Surface High W Saturat Water Sedime Drift De Algal N	OGY drology Indicators: cators (minimum of one is e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4)	s required: check	Water-Staine Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F	a (B13) Plants (B14) Ifide Odor (Cospheres on Reduced Iron Reduction in Total Reduction i	1) Living Root (C4)	ts (C3)	Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic	ors (minimum of to Cracks (B6) atterns (B10) Water Table (C2) prows (C8) disible on Aerial Im thressed Plants (D Position (D2)	wo required)
Type: Depth (iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	OGY drology Indicators: cators (minimum of one is e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /at or Crust (B4) eposits (B5)		Water-Staine Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su	a (B13) Plants (B14) Ifide Odor (Cospheres on Reduced Iron Reduction in Tourface (C7)	1) Living Root (C4)	ts (C3)	Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S	ors (minimum of to Cracks (B6) atterns (B10) Water Table (C2) prows (C8) disible on Aerial Im thressed Plants (D Position (D2)	wo required)
Type: Depth (iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	OGY drology Indicators: cators (minimum of one is e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /at or Crust (B4) eposits (B5) tion Visible on Aerial Image	gery (B7)	Water-Staine Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su	a (B13) Plants (B14) Ifide Odor (C zospheres on Reduced Iron Reduction in T urface (C7) Ill Data (D9)	1) Living Root (C4) Filled Soils (ts (C3)	Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic	ors (minimum of to Cracks (B6) atterns (B10) Water Table (C2) prows (C8) disible on Aerial Im thressed Plants (D Position (D2)	wo required)
Type: Depth (iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	OGY drology Indicators: cators (minimum of one is e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /at or Crust (B4) eposits (B5)	gery (B7)	Water-Staine Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su	a (B13) Plants (B14) Ifide Odor (C zospheres on Reduced Iron Reduction in T urface (C7) Ill Data (D9)	1) Living Root (C4) Filled Soils (ts (C3)	Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic	ors (minimum of to Cracks (B6) atterns (B10) Water Table (C2) prows (C8) disible on Aerial Im thressed Plants (D Position (D2)	wo required)
Type: Depth (iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	OGY drology Indicators: cators (minimum of one is e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /at or Crust (B4) eposits (B5) tion Visible on Aerial Ima-	gery (B7)	Water-Staine Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su	a (B13) Plants (B14) Ifide Odor (C zospheres on Reduced Iron Reduction in T urface (C7) Ill Data (D9)	1) Living Root (C4) Filled Soils (ts (C3)	Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic	ors (minimum of to Cracks (B6) atterns (B10) Water Table (C2) prows (C8) disible on Aerial Im thressed Plants (D Position (D2)	wo required)
Type: Depth (iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	OGY drology Indicators: cators (minimum of one is e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) /at or Crust (B4) eposits (B5) tion Visible on Aerial Imagely Vegetated Concave Su	gery (B7)	Water-Staine Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su	a (B13) Plants (B14) Ifide Odor (C zospheres on Reduced Iron Reduction in T urface (C7) Il Data (D9) n in Remarks	1) Living Root (C4) Filled Soils (ts (C3)	Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic	ors (minimum of to Cracks (B6) atterns (B10) Water Table (C2) prows (C8) disible on Aerial Im thressed Plants (D Position (D2)	wo required)
Type: Depth (iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	OGY drology Indicators: cators (minimum of one is e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) //at or Crust (B4) eposits (B5) tion Visible on Aerial Imagely Vegetated Concave Survations: ter Present?	gery (B7) urface (B8)	Water-Staine Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su Gauge or We Other (Explain	a (B13) Plants (B14) Ifide Odor (C zospheres on Reduced Iron Reduction in Turface (C7) Ill Data (D9) In in Remarks N/A	1) Living Roof (C4) Filled Soils (ts (C3)	Secondary Indicate Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic	ors (minimum of to Cracks (B6) atterns (B10) Water Table (C2) prows (C8) disible on Aerial Im thressed Plants (D Position (D2)	wo required)

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

Remarks:

Project/Site:	Pleasant Prairie					City/County	: Galloway/Frank	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy					State	: OH	Sampling Point:	dp121
Investigator(s):	C Renskers						Section, Townsh	ip, Range: N/A	***
Landform (hillslope,	terrace, etc.):	Summit					Loc	al relief (concave, convex, none):	none
Slope (%):	0%	Lat:	39.9124			Long:		-83.1882	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loam, 0	to 2 percent slopes (Ko)						NWI classifi	cation: none
Are climatic / hydrole	ogic conditions on the site	typical for this time of year	r?			Yes	X No_	(If no, explain in Remarks.)	
Are Vegetation	N , s	Soil N	, or Hydrology	N sig	nificantly distu	rbed?	Are "Norma	al Circumstances" present?	YesX_No
Are Vegetation	N , S	Soil N	, or Hydrology	N na	turally problema	atic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Attach	site map showing	sampling point loca	tions, trar	sects, imp	ortant featur	res, etc.		
Hydrophytic Veg	getation Present?		Yes	No_		Is the	Sampled Are	ea	
Hydric Soil Pres			Yes x	No_		withir	n a Wetland?	Yes	No
Wetland Hydrol	ogy Present?		Yes	No_	X				
VEGETATION -	Use scientific nam	nes of plants.			Absolute	Dominant	Indicator	T	
Tree Stratum (Plot	size: 30' radius)			_	% Cover	Species?	Status	Dominance Test worksheet:	
1.									
2.								Number of Dominant Species	
3.								That Are OBL, FACW, or FAC:	(A)
4.									
5.								Total Number of Dominant	
					-	Total Cover		Species Across All Strata:	(B)
Sapling/Shrub Strate	um (Plot size: 15' radius)							Percent of Dominant Species	
1								That Are OBL, FACW, or FAC:	(A/B)
2									
3									
4								Prevalence Index worksheet:	
5.						Total Cover		Total % Cover of:	Multiply by:
						- Total Cover		That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)							OBL species	x1 =
1.								FACW species	x2 =
2.								FAC species	x3 =
3.								FACU species	x4 =
4.								UPL species	x5 =
5.								Column Totals:	(A) (B)
6.									
7.								Prevalence Index = E	8/A =
8.									
9									
10.								Hydrophytic Vegetation Indicat	ors:
11									
12								1-Rapid Test for Hydrop	,
13								2-Dominance Test is >5	
14.								3-Prevalence Index is ≤	
15.								<u> </u>	tions¹ (Provide supporting
16. 17.								data in Remarks or on a Problematic Hydrophyti	
18.									o vogetation (Explain)
19.								¹ Indicators of hydric soil and wetl	and hydrology must
20.								be present, unless disturbed or p	
						Total Cover			
Woody Vine Stratum	n (Plot size: 30' radius)							Hydrophytic	
1.								Vegetation	
2.								Present? Yes	No
						Total Cover]	
Remarks: (Include particular Figure 1)	photo numbers here or on eld	a separate sheet.)							

	intion. (Decembe to the		4 4	- di t - u - u - u	mfinns the e		Sar		
roffie Descr Depth	iption: (Describe to the Matrix	aeptn need		ndicator or co dox Features	onfirm the a	psence of	indicators.)		
-	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks	
inches)			Color (moist)		Туре	LOC		Remarks	
0-3"	10YR 3/2	100					Loam		
3-16"	10YR 3/1	97	10YR 3/4	3	С	m	Clay Loam		
		— —							
		— —							
	oncentration, D=Depletion	n, RM=Redu	ced Matrix, CS=Covere	ed or Coated S	and Grains.	² Locati	on: PL=Pore Linin	g, M=Matrix.	
ydric Soil In						Test	Indicators of Hy		
Histosol	` ,			ed Matrix (S4)				anese Masses (F12)	
	pipedon (A2)		Sandy Redo					ow Dark Surface (F22)	
	stic (A3) n Sulfide (A4)		Stripped Ma Dark Surfac	, ,			Other (Exp	olain in Remarks)	
	d Layers (A5)			e (57) ky Mineral (F1)					
	ick (A10)			ed Matrix (F2)	'				
	d Below Dark Surface (A	.11)	Depleted Ma						
	ark Surface (A12)	,		Surface (F6)			³ The hydric soil	indicators have been updated to	
	lucky Mineral (S1)		Depleted Da	ark Surface (F7					
5 cm Mu	icky Peat or Peat (S3)		Redox Depr	essions (F8)			in the United	States, Version 8.0, 2016.	
Restrictive La	ayer (if observed):								
Type:	, ,								
_	iches):					Hydric	Soil Present?	Yes X No	
Depth (in									
emarks:									
emarks:									
emarks:	rology Indicators:						In		
emarks: IYDROLC Vetland Hydi Primary Indica	rology Indicators: ators (minimum of one is	required: che		ad Laguage (DG				ators (minimum of two required)	
YDROLO /etland Hydi Primary Indica Surface	rology Indicators: ators (minimum of one is Water (A1)	required: cho	Water-Stain	ed Leaves (BS))		Surface S	oil Cracks (B6)	
YDROLO Vetland Hydi Primary Indica Surface High Wa	rology Indicators: ators (minimum of one is Water (A1) ater Table (A2)	required: che	Water-Stain Aquatic Fau	na (B13)))		Surface S Drainage	oil Cracks (B6) Patterns (B10)	
YDROLO Vetland Hydro Primary Indica Surface High Wa Saturatio	rology Indicators: ators (minimum of one is Water (A1) ater Table (A2) on (A3)	required: che	Water-Stain Aquatic Fau True Aquati	na (B13) c Plants (B14)			Surface S Drainage Dry-Seaso	oil Cracks (B6) Patterns (B10) on Water Table (C2)	
YDROLC /etland Hydrimary Indica Surface High Wa Saturatic Water M	rology Indicators: ators (minimum of one is Water (A1) ater Table (A2) on (A3) larks (B1)	required: che	Water-Stain Aquatic Fau True Aquati Hydrogen S	na (B13) c Plants (B14) ulfide Odor (C	1)	s (C3)	Surface S Drainage Dry-Seaso Crayfish B	oil Cracks (B6) Patterns (B10) on Water Table (C2) surrows (C8)	
YDROLC /etland Hydr Surface High Wa Saturatic Water M Sedimer	rology Indicators: ators (minimum of one is Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2)	required: cho	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	na (B13) c Plants (B14) ulfide Odor (C izospheres on	1) Living Root	s (C3)	Surface S Drainage Dry-Seasc Crayfish B Saturation	oil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8) Visible on Aerial Imagery (C9)	
YDROLO Vetland Hydro Surface High Water M Sedimer Drift Deg	rology Indicators: ators (minimum of one is Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3)	required: che	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron	1) Living Root (C4)		Surface S Drainage Dry-Seaso Crayfish B Saturation Stunted or	oil Cracks (B6) Patterns (B10) on Water Table (C2) durrows (C8) Visible on Aerial Imagery (C9) • Stressed Plants (D1)	
Primary Indica Surface High Wa Saturation Water M Sedimer Drift Dep	rology Indicators: ators (minimum of one is Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4)	required: ch	Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of	na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron Reduction in T	1) Living Root (C4)		Surface S Drainage Dry-Seasc Crayfish B Saturation Stunted or	poil Cracks (B6) Patterns (B10) on Water Table (C2) currows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) nic Position (D2)	
IYDROLC Vetland Hydi Primary Indica Surface High Wa Saturati Water M Sedimer Drift Dep Algal Ma Iron Dep	rology Indicators: ators (minimum of one is Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3)		Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S	na (B13) c Plants (B14) ulfide Odor (C izospheres on Reduced Iron	1) Living Root (C4)		Surface S Drainage Dry-Seasc Crayfish B Saturation Stunted or	oil Cracks (B6) Patterns (B10) on Water Table (C2) durrows (C8) Visible on Aerial Imagery (C9) • Stressed Plants (D1)	

Remarks:

N/A

N/A

Wetland Hydrology Present?

No_

Depth (inches):

Depth (inches):

No X

No X

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

Water Table Present?

(includes capillary fringe)

Saturation Present?

Project/Site:	Pleasant Prairie							City/County	: Galloway/Fran	klin	Sampling Date: 10/1/2020
Applicant/Owner:	Inenergy							State	: OH	Sampling Point:	dp122
Investigator(s):	C Renskers								Section, Towns	hip, Range: N/A	***
Landform (hillslope,	terrace, etc.):		Summit						Lo	cal relief (concave, convex, none): r	none
Slope (%):	0%	Lat:		39.938				Long:		-83.1962	Datum: NAD83 UTM16N
Soil Map Unit Name	: Lewisburg-Crosby c	omplex, 2 to	6 percent slopes	(LeB)						NWI classifi	cation: none
Are climatic / hydrol	ogic conditions on the	site typical	for this time of ye	ar?				Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N	significa	ntly distu	urbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N	, or Hydrology	N	naturally	problem	natic?	(If needed	, explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Att	ach site r	nap showing	sampling point l	ocations	, transect	s, imp	ortant featu	res, etc.		
Hydrophytic Veg	getation Present?	,		Yes		No :	<	Is the	Sampled A	rea	
Hydric Soil Pres	sent?			Yes x		No		withi	n a Wetland?	Yes	No <u>x</u> _
Wetland Hydrol	ogy Present?			Yes		No	<u> </u>				
Remarks:	Use scientific	names of	nlants								
1202	000 00101111110		piantoi			Abs	olute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)					% C	over	Species?	Status	Dominance Test worksheet:	
1.											
2.										Number of Dominant Species	
3.										That Are OBL, FACW, or FAC:	(A)
4.											
5.										Total Number of Dominant	
								= Total Cover		Species Across All Strata:	(B)
Sapling/Shrub Strate	um (Plot size: 15' rad	ius)								Percent of Dominant Species	
1										That Are OBL, FACW, or FAC:	(A/B)
2.											
3.											
4										Prevalence Index worksheet:	
5.											
								= Total Cover		Total % Cover of:	Multiply by:
Hart Otrata (Dist	-i Eldi)									That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)			_						OBL species	x1 =
Setaria faberi							1%	Yes	FACU	FACW species 10%	x2 = 0.20
Glycine max Panicum dichoto	a maiffa muma						% %	Yes No	FACW	FAC species 30%	x3 =
3. Famicum dichot	ommorum						70	140	PACW	FACU species 30% UPL species 15%	x4 = 1.20 x5 = 0.75
4.										Column Totals: 55%	
5.										Column Totals. 35%	(A) 2.15 (B)
·										Prevalence Index = E	3/A = 3.91
*										Prevalence index = E	3.91
9.											
10.										Hydrophytic Vegetation Indicat	tore
11.										Trydrophytic vegetation indicat	
12.										1-Rapid Test for Hydrop	shutic Vegetation
13.										2-Dominance Test is >5	
14.										3-Prevalence Index is ≤	
15.										I —	tions ¹ (Provide supporting
16.										data in Remarks or on	
17.										· I	ic Vegetation ¹ (Explain)
18.										—	, , ,
19.										¹ Indicators of hydric soil and wetl	and hydrology must
20.										be present, unless disturbed or p	
						- 51	9%	= Total Cover			
Woody Vine Stratun	n (Plot size: 30' radiu	ıs)								Hydrophytic	
	<u>n</u> (1 lot 3120. 50 Tudit									Vegetation	
2.											No_X_
								= Total Cover		1	
						_					
Remarks: (Include	photo numbers here of	r on a separ	ate sheet.)							•	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			/								

SOIL							Sampli	ing Point: dp	122
	•	he depth nee	eded to document the in		onfirm the ab	sence o	resolte.		
Depth (in the se)	Matrix			dox Features	T.m.=1	12		Damanda	
(inches)	Color (moist)	%	Color (moist)	<u></u> %	Type ¹	Loc ²	Texture	Remarks	
0-2"	10YR 4/2						Clay Loam		
2-16"	10YR 4/2	98	10YR 5/6	2	c	m	Clay Loam		
		ion, RM=Red	uced Matrix, CS=Covere	d or Coated S	and Grains.		on: PL=Pore Lining, I		
Hydric Soil I						Tes	t Indicators of Hydric		
Histoso	• ,			ed Matrix (S4)				ese Masses (F12)	
	Epipedon (A2)		Sandy Redo	, ,				Dark Surface (F22)	
	Histic (A3)		Stripped Mat	, ,			Other (Explain	n in Remarks)	
	en Sulfide (A4)		Dark Surface						
	ed Layers (A5)			ky Mineral (F1)	,				
	luck (A10)	(844)		ed Matrix (F2)					
	ed Below Dark Surface (Dark Surface (A12)	(A11)	X Depleted Ma	Surface (F6)			3The hydric coil indi	icators have been upd	atad ta
	, ,				7)		•	•	
	Mucky Mineral (S1) lucky Peat or Peat (S3)		Redox Depre	rk Surface (F7	()			Field Indicators of Hyd ates , Version 8.0, 2016	
			Redox Depre	essions (Fo)			III trie Oriited Sta	ates, version 6.0, 2016	J.
	_ayer (if observed):								
Type:									
Depth (i	nches):					Hydric	Soil Present?	Yes X	No
Remarks:									
HYDROL									
_	drology Indicators:						T_ management	11 (21 (22)	. 0 . 2
	cators (minimum of one	is required: c		l.l /D.C				rs (minimum of two red	quired)
	Water (A1)			ed Leaves (B9	9)		X Surface Soil (
	ater Table (A2)		Aquatic Faur	, ,			Drainage Pat	, ,	
	tion (A3)			Plants (B14)				Water Table (C2)	
	Marks (B1)			ulfide Odor (C	,	(02)	Crayfish Burr	* ,	. (00)
	ent Deposits (B2)			izospheres on	•	(03)		sible on Aerial Imagery	/ (C9)
	eposits (B3)			Reduced Iron		C)		ressed Plants (D1)	
	lat or Crust (B4)			Reduction in 7	lilled Soils (C	6)	Geomorphic I	, ,	
Iron De	posits (B5)		Thin Muck S	surface (C7)			FAC-Neutral	i est (D5)	

Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D9) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) Field Observations: No X Surface Water Present? Depth (inches): N/A No X N/A Water Table Present? Depth (inches): Saturation Present? No X N/A Wetland Hydrology Present? Depth (inches): No_ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

Wetland and Waterbody Delineation Report Pleasant Solar Energy Project

APPENDIX

STREAM ASSESSMENT FORMS

ChioEPA Primary Headwater Habitat Evaluation Form HHEI Score (sum of metrics 1, 2, 3):

		_	e,	_
1	L	_		
ı	ľ	0	١.	,

LENGTH OF STREAM REACH (ft 1852 LAT 39.922982 LONG 83.190695 RIVER COD	RAINAGE AREA (mi²) 0.76 DE RIVER MILE
·	DE RIVER MILE
	THE
DATE 9/30/2020 SCORER M Reed COMMENTS	
NOTE: Complete All Items On This Form - Refer to "Field Evaluation Manual for Ohio's PHWH STREAM CHANNEL NONE / NATURAL CHANNEL RECOVERED RECOVERING	
STREAM CHANNEL NONE / NATURAL CHANNEL RECOVERED RECOVERING MODIFICATIONS:	RECENT OR NO RECOVERY
 SUBSTRATE (Est. % of every type of substrate present. Check ONLY 2 predominant substrate 7 	
Add total number of significant substrate types found (Max of 8). Final metric score is A + B.	HHEI
TYPE PERCENT TYPE	PERCENT Metric
BLDR SLABS [16 pts] X SILT [3 PTS] BOULDER (>256mm) [16 pts] LEAF PACK/WOODY DEBRIS [3 PTS]	Points
BEDROCK [16 PTS] FINE DETRITUS [3 PTS]	Substrate
COBBLE (65-256mm) [12 pts]	Max = 40
GRAVEL (2-64mm) [9 pts] 10 MUCK [0 PT]	
X SAND (<2mm) [6 pts] 20 ARTIFICIAL [3 PTS]	—— 12
Total of Percentages of Bldr (A)	(B) 1 12
Slabs, Boulder, Cobble, & Bedrock 0 SCORE OF 2 MOST PREDOMINANT SUBSTRATE TYPES: 9 TOTAL NUMBER OF SUBSTRA	ATE TYPES: 3 A+B
TOTAL NOTIFICATION AND STRATE TITES.	
2. Maximum Pool Depth (Measure the maximum pool depth within the 61m (200') evaluation re	each at the time of Pool Depth
evaluation. Avoid plunge pools from road culverts or storm water pipes) (Check ONLY one box	Max = 30
>30 centimeters [20 pts] >5 cm - 10 cm [15 pts]	
>22.5 - 30 cm [30 pts]	pts] 25
>10 - 22.5 cm [25 pts] NO WATER OR MOIST CHANNEL [0]	13 23
COMMENTS MAXIMUM POOL DEPTH (cen	ntimeters):
2. DANK FILL MIDTU (Massured on the groups of 2 Amessurements). (Check ONLY one hour)	Paulsfull
3. BANK FULL WIDTH (Measured as the average of 3-4 measurements) (Check ONLY one box):	1401.14
>4.0 meters (>13') [30 pts] >1.0 m - 1.5 m (>3'3" - 4'8") [15 pts] >3.0 m - 4.0 m (>9'7" - 13') [25 pts] ≤1.0 m (≤3'3") [5 pts]	Max = 30
>1.5 m - 3.0 m (>4'8" - 9'7") [20 pts]	
COMMENTS AVERAGE DANIETH ANIDT	
COMMENTS AVERAGE BANKFULL WIDTH	H (meters)
This information must also be completed	
This information <u>must</u> also be completed RIPARIAN ZONE AND FLOODPLAIN QUALITY * NOTE: River Left (L) and Right (R) as looki	ing downstream
RIPARIAN WIDTH FLOODPLAIN QUALITY	
L R (Per Bank) L R (Most Predominant per Bank) L Wide >10m Mature Forest, Wetland	R Conservation Tillage
Moderate 5-10m Immature Forest, Shrub, or Old Field	Urban or Industrial
XIX Narrow <5m Residential, Park, New Field X	
None LLL Fenced Pasture L	Mining or Construction
FLOW REGIME (At Time of Evaluation) (Check ONLY one box):	
Stream Flowing Moist Channel, isolated poo	- (C. T.) 18 - (C
Subsurface flow with isolated pools (Interstitial) Comments Dry channel, no water (Ephe	emeral)
SINUOSITY (Number of bends per 61m (200ft) of channel) (Check ONLY one box):	
□ None □ 1.0 □ 2.0 □	3.0
0.5 1.5 2.5	>3
STREAM GRADIENT ESTIMATE	A. C
Flat (0.5ft/100ft) Flat to Moderate Moderate (2ft/100ft) Moderate	to Severe Severe (10ft/100ft)

ADDITIONAL STREAM INFORMATION (This Information Must Also be Completed): S001
QHEI PERFORMED? Yes V No QHEI Score (If Yes, Attach Completed QHEI Form)
DOWNSTREAM DESIGNATED USE(S)
WWH Name: Distance from Evaluated Stream
CWH Name: Distance from Evaluated Stream
EWH Name: Distance from Evaluated Stream
MAPPING: ATTACH COPIES OF MAPS, INCLUDING THE ENTIRE WATERSHED AREA. CLEARLY MARK THE SITE LOCATION
USGS Quadrangle Name: NRCS Soil Map Page: NRCS Soil Map Stream Order
County: Township/City:
MISCELLANEOUS
Base Flow Conditions? (Y/N): Y Date of last precipition: Quantity:
Photographer Information:
Elevated Turbidity? (Y/N): N Canopy (% open):
Were samples collected for water chemistry? (Y/N): N (Note lab sample no. or id. And attach results) Lab Number
Field Measures: Temp (°C) Dissolved Oxygen (mg/l) pH (S.U.) Conductivity (μmhos/cm)
Is the sampling reach representative of the stream? (Y/N) Y If not, please explain:
Additional comments/description of pollution impacts
BIOTIC EVAULATION
Performed? (Y/N): N ((EV-) Decord all about atting Value and Indiana artists NOTE all continues to labeled with the site.
Performed? (Y/N): N (If Yes, Record all observations. Voucher collections optional. NOTE: all voucher samples must be labeled with the site ID number. Include appropriate field data sheets from the Primary Hedwater Habitat Assessment Manual)
District instance appopriate field and street from the final field from the field field from the
Fish observed? (Y/N) N Voucher(Y/N) N Salamander Observed? (Y/N) N Voucher? (Y/N) N
Frogs or Tadpoles Observed? (Y/N) N Voucher(Y/N) N Aquatic Macroinvertebrates Observed? (Y/N) N Voucher? (Y/N) N
Comments Regarding Biology.
DRAWING AND NARRATIVE DESCRIPTION OF STREAM REACH (This must be completed):
Include important landmarks and other features of Interest for site evaluation and a narrative description of the stream's location

FLOW——



Qualitative Habitat Evaluation Index and Use Assessment Field Sheet

QHEI Score: 48.50

Stream & Location:	S301 Galloway, Ohio RM: Date:	11/6/2020						
Kaitlin Hillier	Scorers Full Name & Affiliation: Cardno Office							
River Code:	- STORET #: Lat/ Long: 39.9581 / -83.1840	0 location						
-	Check ONLY Two substrate TYPE BOXES; estimate							
BEST TYPES P BLDR /SLABS [10] BOULDER [9] X COBBLE [8] X GRAVEL [7] SAND [6] BEDROCK [5] NUMBER OF BEST TY Comments 2] INSTREAM COVER	Indicate presence 0 to 3: 0-Absent; 1-Very small amounts or if more common of marginal AMOUNT	2] TTE [-1] Substrate [0] 15.0 VE [-2] TTE [-1] Maximum 20						
	but not of highest quality or in small amounts of highest quality; 3-Highest quality in Check ONE (Or 2 &							
1 UNDERCUT BANKS [(e.g., very large boulders in deep or fast water, large diameter log that is stable, well All developed rootwad in deep / fast water, or deep, well-defined, functional pools. MODERATE 25-75							
1 OVERHANGING VEG								
0 SHALLOWS (IN SLOV	W WATER) [1] 0 ROOTWADS [1] 0 AQUATIC MACROPHYTES [1] NEARLY ABSEN							
0 ROOTMATS [1]	0 BOULDERS [1] 2 LOGS OR WOODY DEBRIS [1]	Cover 6.0						
Comments		Maximum 20						
HIGH [4] E MODERATE [3]	CLOGY Check ONE in each category (Or 2 & average) EVELOPMENT CHANNELIZATION STABILITY EXCELLENT [7] NONE [6] HIGH [3] GOOD [5] RECOVERED [4] X MODERATE [2] FAIR [3] X RECOVERING [3] LOW [1]	Channel						
	POOR [1] RECENT OR NO RECOVERY [1]	Maximum 10.0						
Comments	ID DIDADIAN ZONE							
A] BANK EROSION AN River right looking downstream L R EROSION X NONE / LITTLE [3] MODERATE [2]	L R RIPARIAN WIDTH	USTRIAL [0]						
HEAVY / SEVERE [1]	NONE [0] Indicate predominant land	Riparian Maximum 4.5						
Comments	use(s) past 100m riparian.	10						
MAXIMUM DEPTH Check ONE (ONLY!) > 1m [6] 0.7-<1m [4] X 0.4-<0.7m [2]	POOL WIDTH < RIFFLE WIDTH [0] FAST [1] INTERMITTENT [-2]	Contact 🔲						
0.2-<0.4m [1]	X MODERATE [1]EDDIES [1]	Pool/						
∐< 0.2m [0] Comments	Indicate for reach - pools and riffles.	Current 6.0 Maximum 12						
	tional riffles; Best areas must be large enough to support a population	_E [metric=0]						
BEST AREAS < 5cm	UNSTABLE (e.g., Fine Gravel, Sand) [0] X MODERATE [0]	Run 3.0						
[metric=0] Comments	EXTENSIVE [-1]	Maximum 8						
6] <i>GRADIENT</i> (DRAINAGE AREA	(2.0 ft/mi) X VERY LOW - LOW [2-4]	Gradient Maximum 4.0						

AJ SAMPLED REACH Check ALL that apply

Comment RE: Reach consistency/ Is reach typical of steam?, Recreation/ Observed - Inferred, Other/ Sampling observations, Concerns, Access directions, etc.

	F] MEASUREMENTS	10 $\bar{\mathbf{x}}$ width	1 x̄ depth max. depth	12 X bankfull width	2 bankfull x̄ depth	W/D ratio	3 bankfull max. depth	floodprone x^2 width	entrench. ratio	Legacy Tree:			
Circle some & COMMENT	EJ ISSUES	WWTP / CSO / NPDES / INDUSTRY	HARDENED / URBAN / DIRT&GRIME	CONTAMINATED / LANDFILL	BMPs-CONSTRUCTION-SEDIMENT	LOGGING / IRRIGATION / COOLING	BANK / EROSION / SURFACE	FALSE BANK / MANURE / LAGOON	WASH H20 / TILE / H20 TABLE	ACID / MINE / QUARRY / FLOW	NATURAL / WETLAND / STAGNANT	PARK / GOLF / LAWN / HOME	ATMOSPHERE / DATA PAUCITY
Circle some 8	D] MAINTENANCE	PUBLIC / PRIVATE / BOTH / NA	ACTIVE / HISTORIC / BOTH / NA	YOUNG-SUCCESSION-OLD	SPRAY / SNAG / REMOVED	MODIFIED / DIPPED OUT / NA	LEVEED / ONE SIDED	RELOCATED / CUTOFFS	MOVING-BEDLOAD-STABLE	ARMOURED / SLUMPS	ISLANDS / SCOURED	IMPOUNDED / DESICCATED	FLOOD CONTROL / DRAINAGE
	B] AESTHETICS	NUISANCE ALGAE	INVASIVE MACROPHYTES	EXCESS TURBIDITY	DISCOLORATION	FOAM / SCUM	OIL SHEEN	TRASH / LITTER	NUISANCE ODOR	SLUDGE DEPOSITS	CSOs/SSOs/OUTFALLS		TION AREA DEPTH POOL: \bigsim > 100ft2 \bigsim > 3ft
STAGE HIGH UP X NORMAL LOW DRY	CLARITY	1stsample pass 2nd	<20 cm	20 - <40 cm	40 - 70 cm	> 70 cm/ CTB	SECCHI DEPTH] 1st cm	sample pass	2nd cm			CJ RECREATION POOL:
METHOD S BOAT WADE L. LINE OTHER	0.5 Km	0.2 Km	0.15 Km	0.12 Km	OTHER		meters	J	CANOPY	>85% - OPEN	25% - <85%	30% - <55%	X 10% - <30% <10% - CLOSED

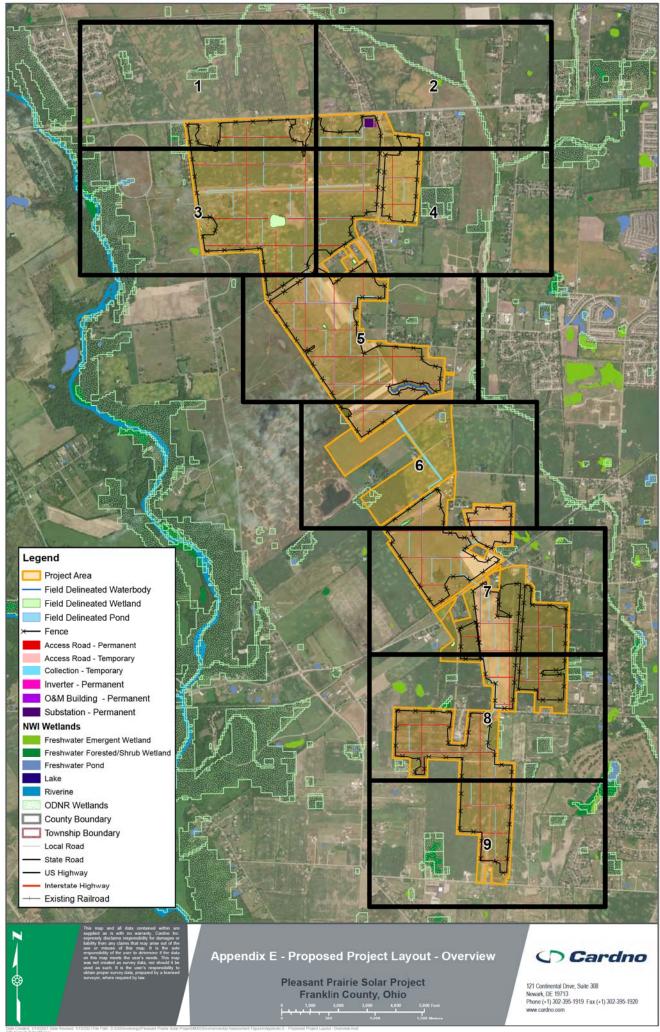
Stream Drawing:

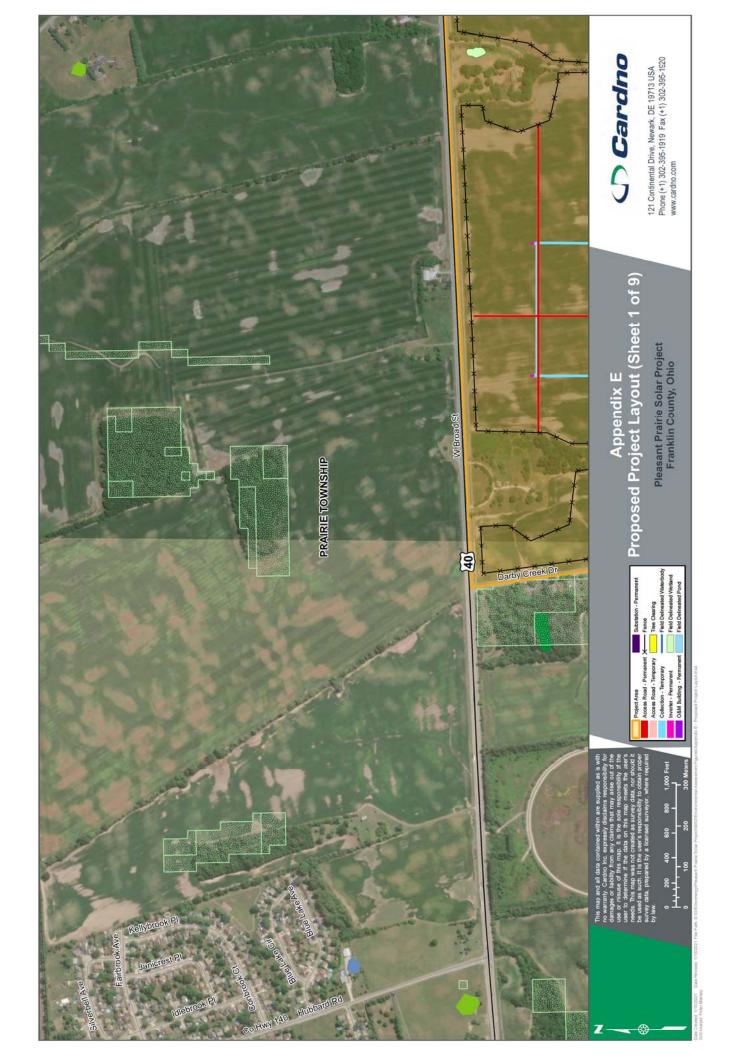
Ecological Assessment Pleasant Prairie Solar Energy Project

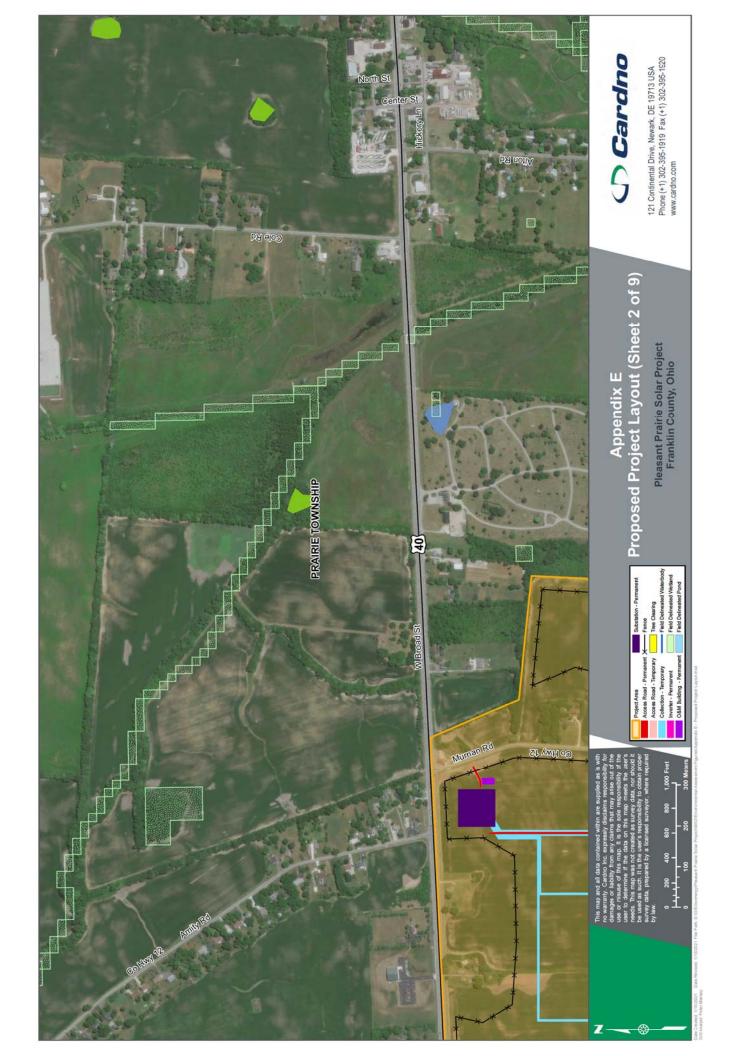
APPENDIX

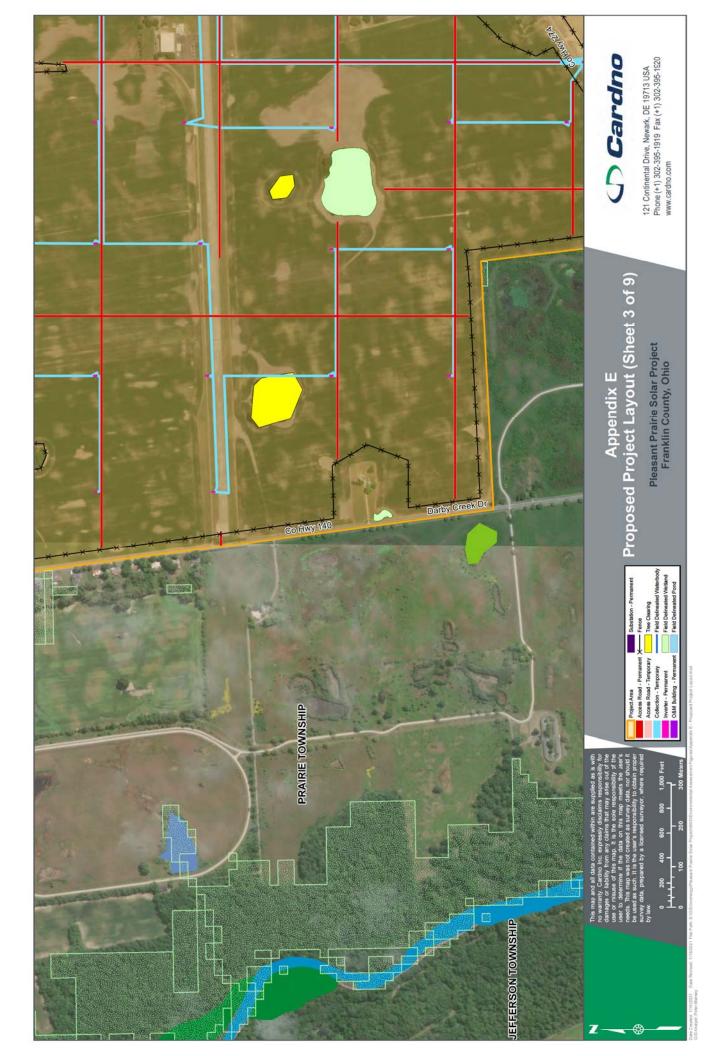
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IMPACT MAPS

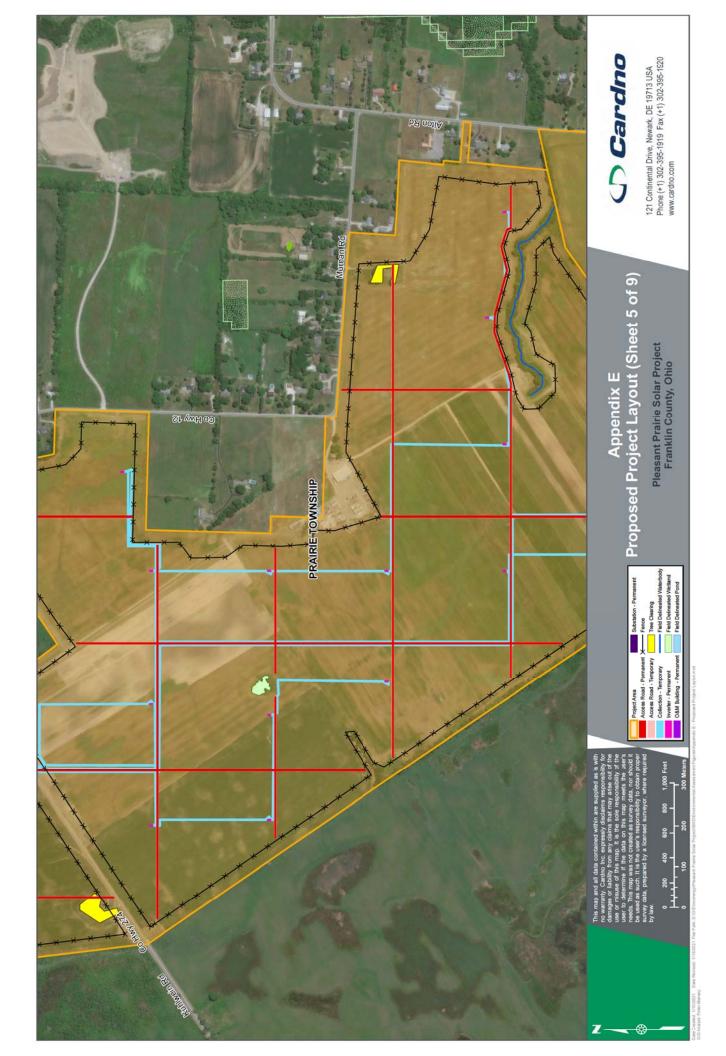


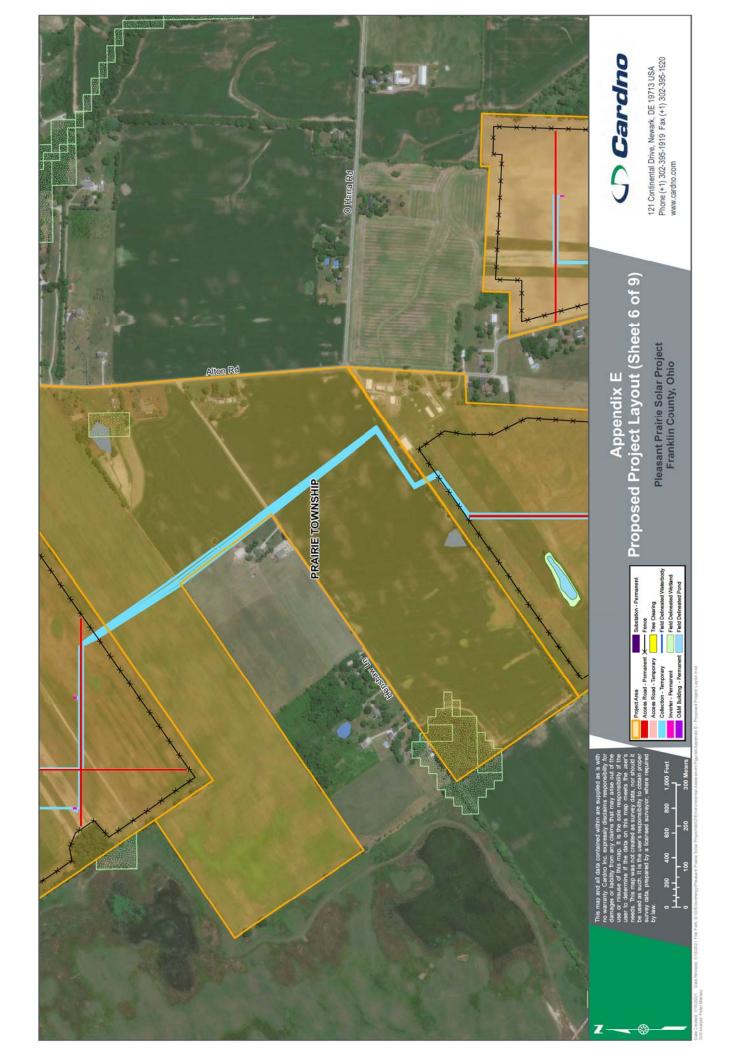


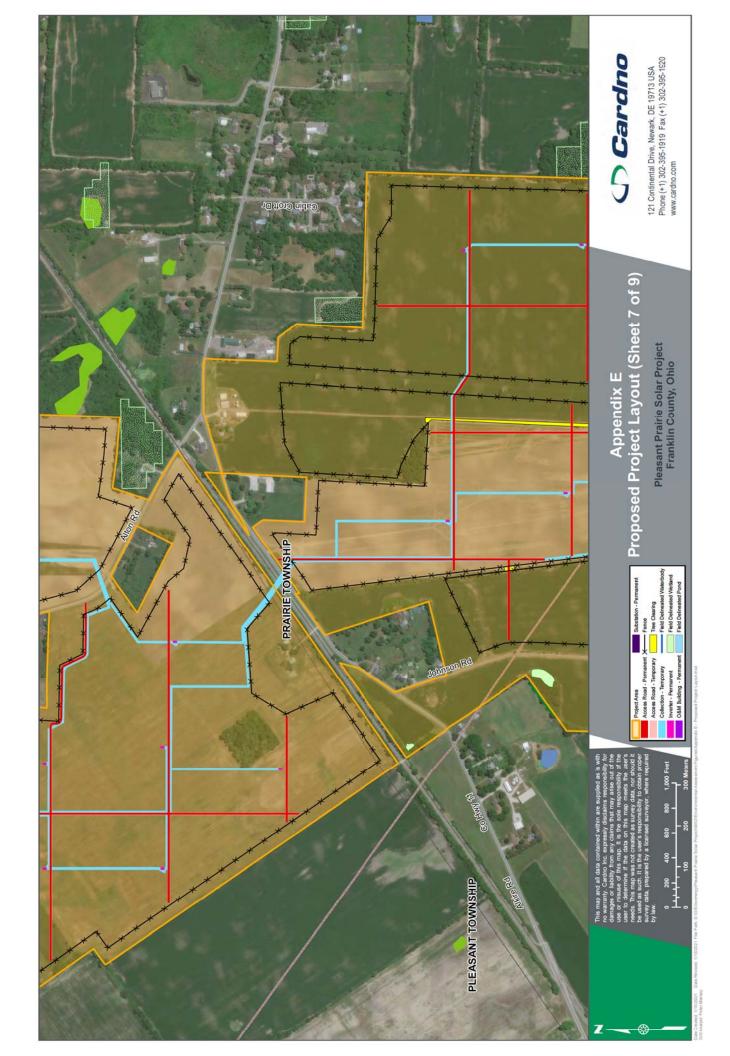


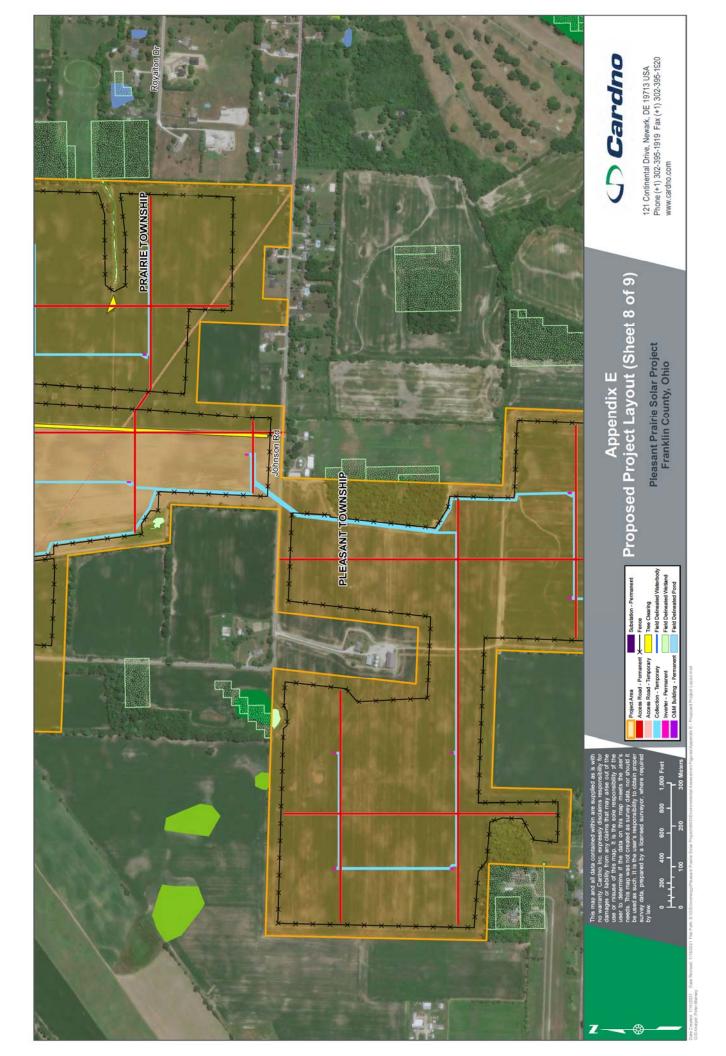


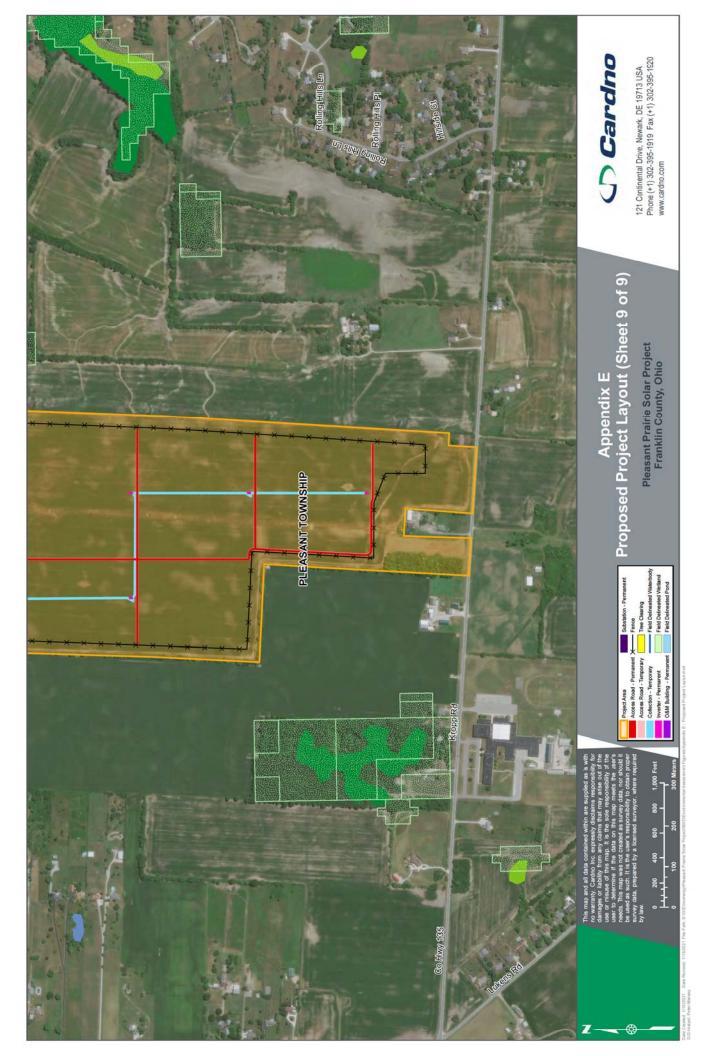












Ecological Assessment Pleasant Prairie Solar Energy Project

APPENDIX

F

INADVERTENT RELEASE PLAN

Appendix F

Inadvertent Release of Drilling Fluid Contingency Plan for Horizontal Directional Drilling Pleasant Prairie Solar Energy Project Franklin County, Ohio

I Introduction

Construction of the Pleasant Prairie Solar Energy Project in Franklin County, Ohio, will include the use of trenchless excavation methods known as horizontal directional drilling ("HDD"). This widely used technique accomplishes the installation of buried utilities with minimal impact, by routing the utility under a sensitive feature (such as a stream, river or wetland). The HDD procedure uses a bentonite slurry, a fine clay material as a drilling lubricant ("drilling mud"). Although bentonite is non-toxic and non-hazardous, a potential environmental risk associated with conducting HDD under sensitive features occurs when bentonite is released to the surface during construction (sometimes referred to as an inadvertent release or "frac-out").

Seepage of drilling fluid is most likely to occur near the bore entry and exit points where the drill head is shallow. Frac-outs can occur, however, in any location along a directional bore. This plan establishes operational procedures and responsibilities for the prevention, containment, and remediation of any of frac-outs that may occur in connection with the proposed HDD as part of the construction of the Pleasant Prairie Solar Energy Project.

The objectives of this Plan are to:

- Minimize the potential for an inadvertent release associated with HDD activities;
- Provide for the timely detection of an inadvertent release;
- 3. Protect sensitive water courses and associated riparian vegetation;
- 4. Ensure an organized, timely, and minimum-impact response in the event an inadvertent release occurs; and
- 5. Ensure that all appropriate notifications are made immediately to management and environmental personnel.

Measures to be deployed as part of the contingency plan include site inspection, proper training of the contractor and construction personnel, development of response procedures, provision of containment materials, and implementation of appropriate clean up procedures. These measures are described in detail below.

II Description of Work

Drilling operations will be carefully monitored to determine if and when a frac-out may be occurring. Operations will be halted immediately upon detection of a significant decline in drilling pressure or other evidence that a frac-out may be occurring. The clean-up of all spills shall begin immediately. Management and environmental personnel shall be notified immediately of any spills and shall be consulted regarding remediation procedures. Spill response kits shall be maintained on-site and used if a frac-out occurs. In

the event of a frac-out, the on-site supervisor of construction activities ("Site Supervisor") will conduct an evaluation of the situation and direct recommended mitigation actions, based on the following guidelines:

- If the frac-out is minor, easily contained, has not reached the surface, and is not threatening sensitive resources, then drilling operations may resume after use of a leak- stopping compound or redirection of the bore; and
- 2. If the frac-out has reached the surface, any hazardous materials within the bentonite shall be removed, contained and properly disposed of, as required by law. The drilling contractor shall be responsible for ensuring that the bentonite either is properly disposed of at an approved disposal facility or properly recycled in an approved manner. The Site Supervisor shall notify and take any necessary follow-up response actions in coordination with the relevant regulatory agency representatives. The Site Supervisor shall coordinate the mobilization of equipment stored at off-site locations (e.g., vacuum trucks) on an as needed basis.

III Site Supervisor Responsibilities

The Site Supervisor has ultimate responsibility for implementing this plan. The Site Supervisor shall ensure that all relevant employees are trained prior to drilling. The Site Supervisor shall be notified immediately when a frac-out is detected. The Site Supervisor shall be responsible for ensuring that environmental personnel are aware of the frac-out, and coordinate personnel, response, remediation, and regulatory agency notification. The Site Supervisor shall ensure all waste materials are properly containerized, labeled, and removed from the site to an approved disposal facility by personnel experienced in the removal, transport and disposal of drilling mud.

The Site Supervisor shall be familiar with all aspects of the drilling activity, the contents of this plan and the conditions of approval under which the HDD is authorized to take place. The Site Supervisor shall have the authority to stop work and commit the resources (personnel and equipment) necessary to implement this plan. The Site Supervisor shall ensure that a copy of this plan is available (at the project work site) and accessible to all construction personnel. The Site Supervisor shall ensure that all workers are properly trained and familiar with the necessary procedures for response to a frac-out, prior to commencement of drilling operations.

IV Equipment

The Site Supervisor shall ensure that:

- 1. Spill responses kit and spill containment materials are available on-site at all times, and that the equipment is in good working order;
- 2. Equipment required to contain and remediate a frac-out release either will either be available at the work site or readily available at an offsite location of the bore site; and If equipment is required to be operated adjacent to a water course, absorbent pads and plastic sheeting for placement beneath motorized equipment shall be used to protect sensitive areas from engine fluids.

V Training

Prior to the start of construction, the Site Supervisor shall ensure that relevant workers receive training in the following areas:

- 1. The provisions of this plan, equipment maintenance and site-specific permit and monitoring requirements;
- Inspection procedures for release prevention and containment equipment and materials;

- Contractor/employee obligations to immediately stop the drilling operation upon first evidence
 of the occurrence of a frac-out and to immediately report any frac-outreleases;
- 4. Contractor/employee responsibilities in the event of a release;
- 5. Operation of release prevention and control equipment and the location of release control materials, as necessary and appropriate; and
- Protocols for communication with relevant regulatory agency representatives who might be on-site during the remediation effort.

VI Procedures

The following procedures shall be followed each day, prior to the start of work. This plan shall be available on-site during all construction. The Site Supervisor shall be on-site at any time that HDD is occurring or is planned to occur. The Site Supervisor shall ensure that a briefing is held at the start of each day of HDD to review the appropriate procedures to be followed in case of a frac-out. Questions shall be answered and clarification given on any point over which the HDD operating crew or other employees or contractors have concerns.

A. **Drilling**

Drilling pressures shall be closely monitored so they do not exceed those needed to penetrate the target formation. Pressure levels shall be monitored randomly by the operator. Pressure levels shall be set at a minimum level to prevent frac-outs. During the pilot bore, the drilled annulus shall be maintained. Cutters and reamers shall be pulled back into previously-drilled sections after each new joint of pipe is added.

Exit and entry pits shall be enclosed by silt fences and straw or similar material. A spill kit shall be on-site and used if a frac-out occurs. Containment materials (straw, silt fencing, sand bags, frac-out spill kits, etc.) shall be staged on-site at locations where they are readily available and easily mobilized for immediate use in the event of a frac-out. If necessary, barriers (straw bales or sedimentation fences) between the bore site and the edge of the water source, shall be constructed, prior to drilling, to prevent released bentonite material from reaching the water.

Once the drill rig is in place, and drilling begins, the drill operator shall stop work whenever the pressure in the drill rig significantly drops or there is a lack of returns in the entrance pit. If either of these occur, the Site Supervisor shall be informed that a possible frac-out has occurred. The Site Supervisor and the drill rig operator(s) shall work to coordinate the likely location of the frac-out.

The location of the frac-out shall be recorded and notes made on the location and measures taken to address the concern. The following subsections shall be adhered to when addressing a frac-out situation.

Water containing mud, silt, bentonite, or other pollutants from equipment washing or other activities, shall not be allowed to enter any water course. The bentonite used in the drilling process shall be either disposed of at an approved disposal facility or recycled in an approved manner. Other construction materials and wastes shall be recycled, or disposed of, as appropriate.

B. Vacuum Truck

A vacuum truck shall be available at a location from which it can be mobilized and relocated so that any place along the drill shot, can be reached by the apparatus.

C. Field Response

The response of the field crew to a frac-out release shall be immediate and in accordance with procedures set forth in this plan. All appropriate emergency actions that do not pose additional threats to sensitive resources will be taken, as follows:

- Boring shall stop immediately;
- The bore stem shall be pulled back to relieve pressure on the frac-out;
- 3. The Site Supervisor shall be notified to ensure that management and environmental personnel are notified, adequate response actions are taken and required notifications are made:
- 4. The Site Supervisor shall evaluate the situation and recommend the type and level of response warranted, including the level of notification required;
- 5. If the frac-out is minor, easily contained, has not reached the surface and is not threatening any sensitive resources, then a leak-stopping compound shall be employed to block the frac-out. If the use of leak-stopping compound is not fully successful, then the bore stem shall be redirected to a new location along the desired drill path (i.e., where a frac-out has not occurred);
- 6. If the frac-out has reached the surface, any hazardous materials within the bentonite shall be removed to a depth of 48 inches, contained and properly disposed of, as required by law. A dike or berm may be constructed around the frac-out to entrap released drilling fluid, if necessary. Clean sand shall be deployed and the area returned to pre-project contours; and
- 7. If a frac-out occurs, reaches the surface and becomes widespread, the Site Supervisor shall authorize a vacuum truck and bulldozer stored off-site to be mobilized. The vacuum truck may be either positioned at either end of the line of the drill so that the frac-out can be reached by crews on foot, or may be pulled by a bulldozer, so that contaminated soils can be vacuumed up.

D. Response Close-out Procedures

- 1. When the release has been contained and remediated, response close-out activities shall be conducted at the direction of the Site Supervisor. These activities shall include those below.
- The recovered drilling fluid shall either be recycled or transported to an approved facility for disposal. No recovered drilling fluids may be discharged into streams, storm drains or any other water source;
- All frac-out excavation and remediation sites shall be returned to pre-project contours using clean fill, as necessary; and
- 4. All containment measures (fiber rolls, straw bale, etc.) shall be removed, unless otherwise specified by the Site Supervisor.

E. Resumption of HDD

For minor releases not necessitating external notification, HDD may continue, if full containment is achieved through the use of a leak-stopping compound or redirection of the bore and the cleanup crew remains at the frac-out location throughout the HDD activity. For releases necessitating external notification, HDD activities shall not restart without prior approval from the Site Supervisor.

F. Bore Abandonment

Abandonment of the bore will only be required when all efforts to control the frac-out within the existing directional bore have failed.

VII Notification

In the event of a frac-out that reaches a water source, the Site Supervisor shall notify safety personnel so they can notify the appropriate regulatory agencies. All agency notifications will occur within 24 hours and proper documentation will be created in a timely and complete manner.

The following information will be provided:

- 1. Name and telephone number of person reporting;
- 2. Location of the release;
- 3. Date and time of release;
- Type and quantity, estimated size of release;
- 5. How the release occurred;
- 6. The type of activity that was occurring around the area of the frac-out;
- 7. Description of any sensitive areas, and their location in relation to the frac-out; and
- 8. Description of the methods used to remediate the site.

A. Communicating with Regulatory Agency Personnel

All employees and subcontractors shall adhere to the following protocols when regulatory agency personnel arrive on site. Regulatory agency personnel shall be required to comply with appropriate safety rules. Only the Site Supervisor, safety personnel and environmental should coordinate communication with regulatory agency personnel.

B. Documentation

The Site Supervisor shall record the frac-out event in his or her daily log. The log will include the following:

- 1. Details on the release event, including an estimate of the amount of bentonite released;
- The location and time of release;
- 3. The size of the area impacted, and the success of the remediation action;
- 4. Name and telephone number of person reporting;
- 5. Date:
- 6. How the release occurred;
- 7. The type of activity that was occurring around the area of the frac-out:
- 8. Description of any sensitive areas, and their location in relation to the frac-out;
- 9. Description of the methods used to remediate the site; and
- 10. Listing of the water-related permits for the project.

VIII Project Completion and Clean-up

- 1. All materials and any rubbish-construction debris shall be removed from the construction zone at the end of each work day;
- 2. Sump pits at bore entry and exits will be filled and returned to natural grade; and
- 3. All protective measures (fiber rolls, straw bale, silt fence, etc.) will be removed unless otherwise specified by the Site Supervisor.

This foregoing document was electronically filed with the Public Utilities

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2/19/2021 1:06:57 PM

in

Case No(s). 20-1679-EL-BGN

Summary: Application - 25 of 25 (Exhibit R – Part 4 of 4 - Ecological Impact and Directional Drilling

Return Plan Report) electronically filed by Christine M.T. Pirik on behalf of Pleasant Prairie Solar Energy LLC