

## Chipmunk Solar

Exhibit Q

**Ecological Assessment Report** 

Filing 6 of 10

**Case No. 21-0960 EL BGN** 

Site:	784 C	nipmunk Solar	Rater(s): C. Kwolk!	e, E. Wilson	Date: 6/31 /21
		Metric 1. Wetland A	rea (size).		
2	2				
max 6 pts.	subtotal	>50 acres (>20.2ha) (6 pts 25 to <50 acres (10.1 to <	s) 20.2ha) (5 pts)		
		10 to <25 acres (4 to <10. 3 to <10 acres (1.2 to <4h;	a) (3 pts)		
		<ul> <li>0.3 to &lt;3 acres (0.12 to &lt;1</li> <li>0.1 to &lt;0.3 acres (0.04 to </li> </ul>			
		<0.1 acres (0.04ha) (0 pts	)		
5	7	Metric 2. Upland bu	iffers and surrou	inding land use	•
max 14 pts.	subtotal	2a. Calculate average buffer width. WIDE. Buffers average 50	Select only one and assign sco om (164ft) or more around wetlate 25m to <50m (82 to <164ft) ar	and perimeter (7)	
		NARROW. Buffers average VERY NARROW. Buffers	ge 10m to <25m (32ft to <82ft) average <10m (<32ft) around v	around wetland perimeter (1) wetland perimeter (0)	K-
		2b. Intensity of surrounding land use VERY LOW. 2nd growth of	e. Select one or double check a or older forest, prairie, savannal	and average. n, wildlife area, etc. (7)	
		LOW. Old field (>10 years	), shrub land, young second grosidential, fenced pasture, park,	owth forest. (5)	low field (2)
		HIGH. Urban, industrial, o	pen pasture, row cropping, min	ing, construction. (1)	ow field. (3)
. 7		Metric 3. Hydrology	<i>j</i> .		
1/	24				
max 30 pts.	subtotal	<ol> <li>Sources of Water. Score all that High pH groundwater (5)</li> </ol>	apply.	3b. Connectivity. Score al	
		Other groundwater (3) Precipitation (1)			/lake and other human use (1)
	)	Seasonal/Intermittent surfa	ace water (3)	Part of riparian of	upland (e.g. forest), complex (1 or upland corridor (1)
		Perennial surface water (la 3c. Maximum water depth. Select o			turation. Score one or dbl chechently inundated/saturated (4)
		>0.7 (27.6in) (3)	my one and assign score.	Regularly inunda	ated/saturated (3)
		0.4 to 0.7m (15.7 to 27.6in	) (2)	Seasonally inund	dated (2) rated in upper 30cm (12in) (1)
		<ul> <li>&lt;0.4m (&lt;15.7in) (1)</li> <li>3e. Modifications to natural hydrolog</li> </ul>	ic regime. Score one or double		ated in upper Sociii (12iii) (1)
		None or none apparent (12			
	5	Recovered (7) Recovering (3)		point source (no filling/grading	nstormwater)
	,	Recent or no recovery (1)	dike	road bed/RR tra	ck
			weir stormwater input	dredging other	
125	36.5	Metric 4. Habitat A	teration and Dev	elopment.	
max 20 pts.		4a. Substrate disturbance. Score or	ne or double check and average		
Man and Promise		None or none apparent (4)			
		Recovered (3) Recovering (2)			
		Recent or no recovery (1)			
		4b. Habitat development. Select on	y one and assign score.		
		Excellent (7) Very good (6)			
		✓ Good (5)			
		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)	Two by the state of the state o	erved	
		Recovered (6)	mowing	shrub/sapling re	
	41	Recovering (3) Recent or no recovery (1)	grazing clearcutting	herbaceous/aqu sedimentation	atic bed removal
F		Trecent of no recovery (1)	selective cutting	dredging	
	36.5		woody debris removal	farming nutrient enrichm	nent
SU	btotal this pag	ge	toxic pollutants	I nutrient enticini	
		y 2001 jjm			

Site:	1784 (	hamurk	Solor R	Rater(s):	C. K.	relete	E. Wilson	Date: 8/3//2/
	36.5							
c	subtotal first pag	10						
0	36.5		. Special We	tlands.				
max 10 pts.	subtotal	Bog ( Fen ( Old g Matu Lake	10) prowth forest (10) re forested wetland (5) Erie coastal/tributary w Erie coastal/tributary w	etland-unrestr etland-restrict	ed hydrol		0)	
2	38.5	Relic Know Signi Cate	Plain Sand Prairies (Oat Wet Prairies (10) on occurrence state/fede ficant migratory songbir gory 1 Wetland. See Quant Comr	eral threatened d/water fowl h uestion 1 Qua	d or enda abitat or litative Ra	usage (10 ating (-10	0)	topography.
max 20 pts.	subtotal	0 14 0 11						
max 20 pts.	Subtotai		egetation Communities.	Veg			ity Cover Scale	2474 >
			nt using 0 to 3 scale. tic bed	-	0		t and either comprises s	.2471 acres) contiguous area
		I Emei	rgent			veget		e quality, or comprises a
				-	2			significant part of wetland's
		Ø Mudf			2	veget		e quality or comprises a small
		Othe		n	3	Presen		ant part, or more, of wetland's lity
		Select only one			1.55		A VANSA PARAMETER AND A	
		High		Nar			n of Vegetation Quality	
		✓ Mode	erately high(4) erate (3)	_	low	distur	bance tolerant native sp	
		Low None			mod	can a		sturbance tolerant native spp cies diversity moderate to ly w/o presence of rare
		Mode Spars	nsive >75% cover (-5) erate 25-75% cover (-3) se 5-25% cover (-1)	2	high	A predo and/o abse	ominance of native spec or disturbance tolerant na	ies, with nonnative spp ative spp absent or virtually y and often, but not always,
		IACUI	ly absent <5% cover (0) ent (1)		d61 = 4 = - 1	On 101	otos Oleses O	
		6d. Microtopog		Mu	0		ater Class Quality	
			nt using 0 to 3 scale.	_	1		<0.1ha (0.247 acres) 1 to <1ha (0.247 to 2.47	acres)
			tated hummucks/tussuc	cks —	2		ite 1 to <4ha (2.47 to 9.	
			se woody debris >15cm		3		na (9.88 acres) or more	oo doles)
	1	Stand	ding dead >25cm (10in)	dbh				
		Ampl	hibian breeding pools	Mic			ver Scale	
				_	0	Absent		
				_	1	of ma	t very small amounts or rginal quality	
					2	qualit	t in moderate amounts, l y or in small amounts of	highest quality
	1				3		t in moderate or greater	amounts

38.5

max 6 pts.	_	1				
max 6 pts.	2	Metric 1. Wetland A	rea (size).			
	subtotal	Select one size class and assign sco >50 acres (>20.2ha) (6 pts 25 to <50 acres (10.1 to <2 10 to <25 acres (4 to <10.1 3 to <10 acres (1.2 to <4ha 0.3 to <3 acres (0.12 to <1 0.1 to <0.3 acres (0.04 to < <0.1 acres (0.04ha) (0 pts)	) 20.2ha) (5 pts) ha) (4 pts) i) (3 pts) .2ha) (2pts) 50.12ha) (1 pt)			
7	9	Metric 2. Upland bu		roundi	ng land use	i.
nax 14 pts.	subtotal	2a. Calculate average buffer width.  WIDE. Buffers average 50  MEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers  2b. Intensity of surrounding land use VERY LOW. 2nd growth o LOW. Old field (>10 years MODERATELY HIGH. Re HIGH. Urban, industrial, o	m (164ft) or more around 25m to <50m (82 to <164 e 10m to <25m (32ft to < average <10m (<32ft) aro . Select one or double of rolder forest, prairie, sava), shrub land, young seconsidential, fenced pasture,	wetland pe 4ft) around va 82ft) around und wetland neck and ava annah, wildland growth for park, conse	rimeter (7) wetland perimeter (4) d wetland perimeter (7) d perimeter (0) verage. ife area, etc. (7) prest. (5) ervation tillage, new fa	
19	28	Metric 3. Hydrology		, , , , , , , , , , , , , , , , , , , ,	Albandon (1)	
max 30 pts.	subtotal	3a. Sources of Water. Score all that High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surfax Perennial surface water (la 3c. Maximum water depth. Select or >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) <0.4m (<15.7in) (1) 3e. Modifications to natural hydrology	ce water (3) ke or stream) (5) nly one and assign score.	3 3d.	Part of wetland. Part of riparian Duration inundation/s Semi- to perma Regularly inund Seasonally inur Seasonally sati	plain (1) n/lake and other human use (1 /upland (e.g. forest), complex ( or upland corridor (1) aturation. Score one or dbl che unently inundated/saturated (4) dated/saturated (3)
		None or none apparent (12 Recovered (7) Recovering (3) Recent or no recovery (1)	Check all disturbances ditch tile dike weir stormwater input		point source (no filling/grading road bed/RR tradredging other	
12.5	40.5	Metric 4. Habitat Al	teration and D	Develo	pment.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score or None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select onl Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one or	y one and assign score.			
	40.5	None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)	Design and the Control of the Contro	s observed	shrub/sapling r herbaceous/aq sedimentation dredging farming nutrient enricht	uatic bed removal

Site:	784	Chiamunk	Solar Ra	ter(s): C. Kw	itek, E Wilson	Date: 8/30/21
su	btotal first pa		. Special Wetl	ands.		
0.	40.5					
max 10 pts.	subtotal	Bog ( Fen ( Old g Matu Lake Lake Relic Know		and-unrestricted hydro and-restricted hydro Openings) (10) I threatened or enda vater fowl habitat or	angered species (10) usage (10)	
	1000	Metric 6	. Plant comm	unities, int	erspersion, micro	topography.
2	42.5	The state of				
max 20 pts.	subtotal	6a. Wetland Ve	egetation Communities.	Vegetation	Community Cover Scale	
			nt using 0 to 3 scale.	0	Absent or comprises <0.1ha (0	
			atic bed	1	Present and either comprises s	
			rgent		vegetation and is of moderat	
		5 Shru		2	significant part but is of low of Present and either comprises s	
		3 2 Fore		2		e quality or comprises a small
		- Widdi	n water		part and is of high quality	e quality of comprises a small
		Othe		3		ant part, or more, of wetland's
			(plan view) Interspersion.		vegetation and is of high qua	
		Select only one		1		
		High	(5)	Narrative D	escription of Vegetation Qualit	y
			erately high(4)	low	Low spp diversity and/or predo	
			erate (3)	-	disturbance tolerant native s	
		IVIOUR	erately low (2)	mod	Native spp are dominant comp	
		Low	7.7.7.1			sturbance tolerant native spp
		None	of invasive plants. Refer		can also be present, and spe	
			AM long form for list. Add		moderately high, but general threatened or endangered sp	
		or deduct point		high	A predominance of native spec	
		The second secon	nsive >75% cover (-5)	3	and/or disturbance tolerant n	
			erate 25-75% cover (-3)		absent, and high spp diversit	
			rse 5-25% cover (-1)		the presence of rare, threate	144
	-	5 Near	rly absent <5% cover (0)	7.7.7		
			ent (1)	Mudflat and	Open Water Class Quality	
		6d. Microtopog		0	Absent <0.1ha (0.247 acres)	
			ent using 0 to 3 scale.	1	Low 0.1 to <1ha (0.247 to 2.47	
			etated hummucks/tussucks		Moderate 1 to <4ha (2.47 to 9	
			rse woody debris >15cm (6		High 4ha (9.88 acres) or more	-
			ding dead >25cm (10in) db hibian breeding pools		raphy Cover Scale	
		L Amp	molari procuring pools	0	Absent	
				1	Present very small amounts or	if more common
					of marginal quality	II IIIOIG GOIIIIIOII
				2	Present in moderate amounts,	but not of highest
					quality or in small amounts of	
				3	Present in moderate or greater	The same of the sa
					and of highest quality	

Site:	784	Chiemunk Solar	Rater(s): C. Kwolek,	Ewilson	Date: 8/31/21
2	2	Metric 1. Wetland Ar	ea (size).		
ax 6 pts.	subtotal	Select one size class and assign score.			
un o pioi	Subtoto	>50 acres (>20.2ha) (6 pts)			
		25 to <50 acres (10.1 to <20.			
		2 10 to <25 acres (4 to <10.1ha 3 to <10 acres (1.2 to <4ha) (			
		× 0.3 to <3 acres (0.12 to <1.2h			
		0.1 to <0.3 acres (0.04 to <0.	12ha) (1 pt)		
		<pre>&lt;0.1 acres (0.04ha) (0 pts)</pre>	fore and curround	ding land use	
3	5	Metric 2. Upland buf	lers and surround	ing land use.	
ax 14 pts.	subtotal	2a. <u>Calcu</u> late average buffer width. Se	lect only one and assign score.	Do not double check.	
			(164ft) or more around wetland p		
			5m to <50m (82 to <164ft) aroun 10m to <25m (32ft to <82ft) arou		
		VERY NARROW. Buffers av	erage <10m (<32ft) around wetla	and perimeter (0)	
		2b. Intensity of surrounding land use.	Select one or double check and lder forest, prairie, savannah, wi		
			shrub land, young second growth		
			lential, fenced pasture, park, con		ow field. (3)
			n pasture, row cropping, mining,	construction. (1)	
7	12	Metric 3. Hydrology.			
ax 30 pts.	subtotal	Ja. Sources of Water. Score all that ap	anly 3h	. Connectivity. Score all	that apply
1945 1 20	32017-001	High pH groundwater (5)	,pry.	100 year floodpla	ain (1)
		Other groundwater (3)	,		lake and other human use (
		Precipitation (1) Seasonal/Intermittent surface	water (3)		pland (e.g. forest), complex rupland corridor (1)
		Perennial surface water (lake	or stream) (5) 3d	d. Duration inundation/sat	uration. Score one or dbl ch
		3c. Maximum water depth. Select only >0.7 (27.6in) (3)	one and assign score.		ently inundated/saturated (4) ited/saturated (3)
		0.4 to 0.7m (15.7 to 27.6in) (2	2)	Seasonally inund	
		<0.4m (<15.7in) (1)			ated in upper 30cm (12in) (1
		3e. Modifications to natural hydrologic			
		None or none apparent (12) Recovered (7)	Check all disturbances observed	point source (nor	nstormwater)
		Recovering (3)	tile	filling/grading	And the second second
		Recent or no recovery (1)	dike	road bed/RR trac	:k
			stormwater input	other	
		199-4-1- 4 11-1-14-4 014			
8.5	20.5	Metric 4. Habitat Alto	eration and Devel	opment.	
ax 20 pts.	subtotal	4a. Substrate disturbance. Score one	or double check and average		
	44-7450	None or none apparent (4)	or double officer, and a reruger		
		Recovered (3)			
		Recovering (2) Recent or no recovery (1)			
		4b. Habitat development. Select only	one and assign score.		
		Excellent (7)			
		Very good (6) Good (5)			
		Moderately good (4)			
		Fair (3) Poor to fair (2)			
		Poor (1)			
		4c. Habitat alteration. Score one or do			
		None or none apparent (9)	Check all disturbances observe	shrub/sapling re	moval
		Recovered (6) Recovering (3)	mowing grazing		atic bed removal
		Recent or no recovery (1)	clearcutting	sedimentation	
			selective cutting	dredging farming	
	20.5		woody debris removal toxic pollutants	nutrient enrichm	ent
s	subtotal this	age		Manager 15 Stoll 48 July	
t revised	d 1 Febru	ary 2001 jjm			

Site: 198	4 1	Grande Salar	Rater(	s):	L wilson	Date: 🌠 🖘 🕍
subtota	l first page	Metric 5. Special	Wetland	ds.		
0 2	05					
max 10 pts. su	btotal (	Bog (10) Fen (10) Old growth forest (10) Mature forested wetland Lake Erie coastal/tributa Lake Plain Sand Prairie Relict Wet Prairies (10) Known occurrence state Significant migratory so Category 1 Wetland. S	d (5) ary wetland-ur ary wetland-re s (Oak Openii e/federal threa ngbird/water f	stricted hydro ngs) (10) atened or enda lowl habitat or	angered species (10) usage (10)	
	10	Metric 6. Plant co				topography.
max 20 pts. su		a. Wetland Vegetation Commun			Community Cover Scale	
		Aquatic bed Emergent Shrub	e.	1	Absent or comprises <0.1ha (0 Present and either comprises vegetation and is of moderat significant part but is of low 0	small part of wetland's te quality, or comprises a
		Forest Mudflats Open water		2	Present and either comprises vegetation and is of moderat part and is of high quality	significant part of wetland's te quality or comprises a small
		Other	ersion.	3	Present and comprises signific vegetation and is of high qua	cant part, or more, of wetland's ality
		Select only one. High (5)		Narrative D	escription of Vegetation Qualit	v.
		Moderately high(4) Moderate (3)		low	Low spp diversity and/or predodisturbance tolerant native s	ominance of nonnative or
		Moderately low (2) Low (1) None (0) Co. Coverage of invasive plants. Table 1 ORAM long form for lis		mod	Native spp are dominant comp although nonnative and/or d can also be present, and spe moderately high, but genera threatened or endangered s	isturbance tolerant native spp ecies diversity moderate to lly w/o presence of rare
	0	Extensive >75% cover ( Moderate 25-75% cover ( Sparse 5-25% cover (-1	r (-3) )	high	A predominance of native spe- and/or disturbance tolerant r absent, and high spp diversi the presence of rare, threate	native spp absent or virtually ty and often, but not always,
		Nearly absent <5% cov Absent (1)	er (U)	Mudflat and	Open Water Class Quality	
	6	d. Microtopography.		0	Absent <0.1ha (0.247 acres)	-
		score all present using 0 to 3 scal		1	Low 0.1 to <1ha (0.247 to 2.47	acres)
		Vegetated hummucks/ti		2	Moderate 1 to <4ha (2.47 to 9	
		Coarse woody debris > Standing dead >25cm (	10in) dbh	3	High 4ha (9.88 acres) or more	11.
		Amphibian breeding poo	ols		raphy Cover Scale	
				1	Absent  Present very small amounts or of marginal quality	if more common
				2	Present in moderate amounts, quality or in small amounts of	
				3	Present in moderate or greate	

21.5

Site:	784 Ch	ignumle Sular	Rater(s): C. Karalal	E. Wilson	Date: 8/30/21
3	3	Metric 1. Wetland A	Area (size).		
nax 6 pts.	subtotal	Select one size class and assign sco	ore. (s) 20.2ha) (5 pts) 1ha) (4 pts) a) (3 pts) .2ha) (2pts) <0.12ha) (1 pt)		
7	10	Metric 2. Upland bu		unding land us	se.
ax 14 pts.	subtotal	MEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers 2b. Intensity of surrounding land use VERY LOW. 2nd growth of LOW. Old field (>10 years MODERATELY HIGH. Re	0m (164ft) or more around wet e 25m to <50m (82 to <164ft) a ge 10m to <25m (32ft to <82ft average <10m (<32ft) around	land perimeter (7) around wetland perimeter ( ) around wetland perimeter wetland perimeter (0) and average. ah, wildlife area, etc. (7) prowth forest. (5) a, conservation tillage, new	4) r (1)
17	27	Metric 3. Hydrology		milg, concuration. (1)	
ax 30 pts.		3a. Sources of Water. Score all that High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface Perennial surface water (la 3c. Maximum water depth. Select o >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in  <0.4m (<15.7in) (1) 3e. Modifications to natural hydrologen.	ace water (3) ake or stream) (5) anly one and assign score.	Part of wetlan Part of riparia  3d. Duration inundation Semi- to per Regularly inu Seasonally in Seasonally s	edplain (1) eam/lake and other human use (1) end/upland (e.g. forest), complex (1) an or upland corridor (1) el/saturation. Score one or dbl che manently inundated/saturated (4) endated/saturated (3)
		None or none apparent (12) Recovered (7) Recovering (3) Recent or no recovery (1)		served	
11	39.5	Metric 4. Habitat Al			
ax 20 pts.		4a. Substrate disturbance. Score or None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select onl Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one or	ly one and assign score.	ge.	
		None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)		shrub/sapling herbaceous/s sedimentatio dredging	aquatic bed removal n

Site: 178	34 CI	riponale Solar	Rater(s)	: C. Kw	olek, F. Wilson	Date: 8/30/21
7/						
	1.5					
subtotal	first page					
20	_ N	letric 5. Special V	Netlands	3.		
39						
10 pts. sub	ototal Ch	eck all that apply and score as in	ndicated.			
		Bog (10)				
		Fen (10) Old growth forest (10)				
		Mature forested wetland	(5)			
		Lake Erie coastal/tributa		stricted hyd	rology (10)	
	0	Lake Erie coastal/tributa				
		Lake Plain Sand Prairies	(Oak Opening	s) (10)		
		Relict Wet Prairies (10)				
		Known occurrence state				
		Significant migratory son				
		Category 1 Wetland. Se				
4 4	3.5	Metric 6. Plant co	mmuniti	es, int	erspersion, micro	otopograpny.
No.						
x 20 pts. sub		. Wetland Vegetation Communi	77 - 77		Community Cover Scale	0.0171
	Sc	core all present using 0 to 3 scale	e	0		0.2471 acres) contiguous area
		Aquatic bed		1	Present and either comprises vegetation and is of modera	
		Emergent   Shrub			significant part but is of low	
	-	2 Forest		2	Present and either comprises	
	3	Mudflats		-		ate quality or comprises a sma
		Open water			part and is of high quality	
		D Other		3	Present and comprises signif	icant part, or more, of wetland
		horizontal (plan view) Interspe	rsion.		vegetation and is of high qu	ality
	Se	elect only one.				
		High (5)			escription of Vegetation Quali	
		Moderately high(4)  Moderate (3)		low	Low spp diversity and/or pred disturbance tolerant native	
	3	Moderately low (2)	-	mod	Native spp are dominant com	
		Low (1)		mou		disturbance tolerant native spp
		None (0)				pecies diversity moderate to
		. Coverage of invasive plants. I			moderately high, but generately	
		Table 1 ORAM long form for list	. Add		threatened or endangered	
	or	deduct points for coverage	£\	high	A predominance of native spe	
		Extensive >75% cover (-				native spp absent or virtually
		Moderate 25-75% cover Sparse 5-25% cover (-1)				sity and often, but not always,
	-3	Nearly absent <5% cover			the presence of rare, threat	ened, or endangered spp
		Absent (1)		Mudflat and	Open Water Class Quality	
	60	. Microtopography.		0	Absent <0.1ha (0.247 acres)	
		core all present using 0 to 3 scale		1	Low 0.1 to <1ha (0.247 to 2.4	
		Vegetated hummucks/tu		2	Moderate 1 to <4ha (2.47 to	
	7	Coarse woody debris >1		3	High 4ha (9.88 acres) or more	e
	1	Standing dead >25cm (1				
		Amphibian breeding poo	ols !		raphy Cover Scale	
			-	0	Absent	or if we are source as
					Present very small amounts of marginal quality	or ii more common
			- 03	2	Present in moderate amounts	s, but not of highest
					quality or in small amounts	
				3	Present in moderate or greate	
					and of highest quality	A. S. Market

43.5

Site:	1784	Chipmunk Solar	Rater(s): C. Kuolet, E. W	:1501	Date: 8/30/21
2	2	Metric 1. Wetland	Area (size).		
max 6 pts.	subtotal	Select one size class and assign sc >50 acres (>20.2ha) (6 pt 25 to <50 acres (10.1 to < 10 to <25 acres (4 to <10.3 to <10 acres (1.2 to <4h 4.3 to <10 acres (0.12 to < 0.1 to <0.3 acres (0.04 to <0.1 acres (0.04ha) (0 pts	s) 20.2ha) (5 pts) 1ha) (4 pts) a) (3 pts) 1.2ha) (2pts) <0.12ha) (1 pt)		
7	9	Metric 2. Upland be	uffers and surround	ing land use	
max 14 pts.	subtotal	WIDE. Buffers average 5 MEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers 2b. Intensity of surrounding land us VERY LOW. 2nd growth LOW. Old field (>10 year MODERATELY HIGH. R	Select only one and assign score. If the control of	erimeter (7) wetland perimeter (4) nd wetland perimeter (1 nd perimeter (0) everage. dlife area, etc. (7) forest. (5) everyation tillage, new fal	
17	26	Metric 3. Hydrolog		And a second second second	
max 30 pts.		3a. Sources of Water. Score all that High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surform water depth. Select (1) 3c. Maximum water depth. Select (1) >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in)  3e. Modifications to natural hydrological productions with the select (1)  3f. Modifications to natural hydrological productions with the select (1) 3f. Modifications to natural hydrological productions with the select (1)  3f. Modifications to natural hydrological productions with the select (1) 3f. Modifications with the select (1) 3f. Modifications to natural hydrological productions with the select (1)  3f. Modifications with the select (1) 3f. Modifications wit	ace water (3) ake or stream) (5) 3d. only one and assign score.	Part of wetland/ Part of riparian of ripar	lain (1)  n/lake and other human use (1)  upland (e.g. forest), complex (1)  or upland corridor (1)  aturation. Score one or dbl check  nently inundated/saturated (4)  ated/saturated (3)
		None or none apparent (1) Recovered (7) Recovering (3) Recent or no recovery (1)	2) Check all disturbances observed ditch tile		
14	40	Metric 4. Habitat A	Iteration and Develo	opment.	
max 20 pts.	1000	4a. Substrate disturbance. Score of None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) Recent or no recovery (1)  4b. Habitat development. Select of Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one of Recovered (6) Recovered (6) Recovering (3) Recent or no recovery (1)	r double check and average.  Check all disturbances observed mowing grazing	shrub/sapling re	emoval uatic bed removal
	subtotal this	page lary 2001 jjm	woody debris removal toxic pollutants	farming nutrient enrichr	nent

Site:	784	Chipmunk Solar	Rater(s):	C. Kinslah	E. W. Savy	Date: 8/30/21
	17	1				
	40	<u> </u>				
su	btotal first p		92 (30)			
D	40	Metric 5. Special \	Wetlands.			
max 10 pts.	subtotal	Check all that apply and score as i  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland Lake Erie coastal/tributa Lake Erie coastal/tributa Lake Plain Sand Prairies Relict Wet Prairies (10) Known occurrence state Significant migratory sor	(5) ry wetland-unrestri ry wetland-restricte s (Oak Openings) ( /federal threatened	ed hydrology 10) I or endange abitat or usa	(5) red species (10) ge (10)	
4	44	Category 1 Wetland. Se				otopography.
- 1						
max 20 pts.	subtotal	6a. Wetland Vegetation Commun			nmunity Cover Scale	
		Score all present using 0 to 3 scale	e			(0.2471 acres) contiguous area
		Aquatic bed Emergent Shrub		1 P	resent and either comprises vegetation and is of modera significant part but is of low	ate quality, or comprises a
		Forest	-	2 P		significant part of wetland's
		Mudflats Open water			vegetation and is of modera part and is of high quality	ate quality or comprises a small
		6b. horizontal (plan view) Interspe	ersion.	3 P	resent and comprises signif vegetation and is of high qu	icant part, or more, of wetland's uality
		Select only one.	Nar	rativo Doco	ription of Vagatation Qual	itu
		High (5) Moderately high(4)	Nan		ription of Vegetation Qual ow spp diversity and/or pred	
				low  L	disturbance tolerant native	
		Moderate (3) Moderately low (2) Low (1) None (0) 6c. Coverage of invasive plants. to Table 1 ORAM long form for list		mod N	ative spp are dominant com although nonnative and/or o	pronent of the vegetation, disturbance tolerant native spp pecies diversity moderate to ally w/o presence of rare
		or deduct points for coverage	_	high A	predominance of native spe	
		Extensive >75% cover (  Moderate 25-75% cover (  Sparse 5-25% cover (-1	(-3)			native spp absent or virtually sity and often, but not always,
		Nearly absent <5% coverage Absent (1)	er (0)	dflat and Op	en Water Class Quality	oriou, or orioungerous opp
		6d. Microtopography.			bsent <0.1ha (0.247 acres)	
		Score all present using 0 to 3 scal			ow 0.1 to <1ha (0.247 to 2.4	
		Vegetated hummucks/tu			loderate 1 to <4ha (2.47 to	
		Coarse woody debris >1		3 H	igh 4ha (9.88 acres) or mor	e
		Standing dead >25cm (		rotonogran	hy Cover Seels	
		Amphibian breeding poo	NO INIC		hy Cover Scale bsent	-
			_		resent very small amounts of marginal quality	or if more common
					resent in moderate amounts quality or in small amounts	of highest quality
mi	1			3 P	resent in moderate or greate and of highest quality	er amounts

Site:	1784	Chipmunk Solar	Rater(s): C. Karelel	e, E. Wilson	Date: 8/31/21
2	2	Metric 1. Wetland A	Area (size).		
max 6 pts.	subtotal	Select one size class and assign scc >50 acres (>20.2ha) (6 pts 25 to <50 acres (10.1 to <) 10 to <25 acres (4 to <10. 3 to <10 acres (1.2 to <4ha 0.3 to <3 acres (0.12 to <1 0.1 to <0.3 acres (0.04 to <0.1 acres (0.04 to <0.1 acres (0.04ha) (0 pts)	) 20.2ha) (5 pts) Iha) (4 pts) a) (3 pts) .2ha) (2pts) 50.12ha) (1 pt)		
3	5	Metric 2. Upland bu	iffers and surrou	inding land use	).
max 14 pts.	subtotal	MEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers  2b. Intensity of surrounding land use VERY LOW. 2nd growth of LOW. Old field (>10 years MODERATELY HIGH. Re	m (164ft) or more around wetla 25m to <50m (82 to <164ft) and 1e 10m to <25m (32ft to <82ft) average <10m (<32ft) around v	and perimeter (7) round wetland perimeter (4) around wetland perimeter (* wetland perimeter (0) and average. n, wildlife area, etc. (7) owth forest. (5) conservation tillage, new fa	1)
9	14	Metric 3. Hydrology		mig, constituction. (1)	
max 30 pts.	subtotal	3a. Sources of Water. Score all that High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surfa Perennial surface water (la 3c. Maximum water depth. Select or >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in  <0.4m (<15.7in) (1) 3e. Modifications to natural hydrolog	ce water (3) ke or stream) (5) nly one and assign score.	Part of wetland Part of riparian  3d. Duration inundation/s Semi- to perma Regularly inund Seasonally inund Seasonally sati	plain (1) m/lake and other human use (1) /upland (e.g. forest), complex (1) or upland corridor (1) aturation. Score one or dbl check anently inundated/saturated (4) dated/saturated (3)
		None or none apparent (12  Recovered (7)  Recovering (3)  Recent or no recovery (1)			
11.5	25.5	Metric 4. Habitat Al			
max 20 pts.	subtotal	4a. Substrate disturbance. Score or None or none apparent (4)  Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select onl Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one or None or none apparent (9) Recovered (6) Recovering (3)	double check and average.  Check all disturbances observing grazing	erved shrub/sapling r	emoval uatic bed removal
s	15.5 subtotal this p	Recent or no recovery (1)	clearcutting selective cutting woody debris removal toxic pollutants	sedimentation dredging	

Site: 1754	Chiamura Calar Rater	s): C.16	well, F. Wilson Date: 8/31/21
subtotal firs	Metric 5. Special Wetlan  Check all that apply and score as indicated.	ds.	
	Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-re Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Open Relict Wet Prairies (10) Known occurrence state/federal thre Significant migratory songbird/water Category 1 Wetland. See Question	estricted hydro ings) (10) atened or enda fowl habitat or 1 Qualitative R	logy (5)  angered species (10) usage (10) lating (-10)
2 27	Metric 6. Plant commun		erspersion, microtopography.
max 20 pts. subto	od. Wolland Yogotolog, Comment	Vegetation	Community Cover Scale
	Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.2471 acres) contiguous area
	Aquatic bed	1	Present and either comprises small part of wetland's
	Emergent		vegetation and is of moderate quality, or comprises a
	2 Shrub		significant part but is of low quality
	Forest	2	Present and either comprises significant part of wetland's
	7 Mudflats		vegetation and is of moderate quality or comprises a small
	Open water		part and is of high quality
	0 Other	3	Present and comprises significant part, or more, of wetland's
	6b. horizontal (plan view) Interspersion.		vegetation and is of high quality
	Select only one.		
	High (5)	Narrative D	escription of Vegetation Quality
	Moderately high(4)	low	Low spp diversity and/or predominance of nonnative or
	Moderate (3)		disturbance tolerant native species
	Moderately low (2)	mod	Native spp are dominant component of the vegetation,
	✓ Low (1)		although nonnative and/or disturbance tolerant native spp
	None (0)		can also be present, and species diversity moderate to
	6c. Coverage of invasive plants. Refer		moderately high, but generally w/o presence of rare
	to Table 1 ORAM long form for list. Add		threatened or endangered spp
	or deduct points for coverage	high	A predominance of native species, with nonnative spp
	Extensive >75% cover (-5)		and/or disturbance tolerant native spp absent or virtually
	Moderate 25-75% cover (-3)		absent, and high spp diversity and often, but not always,
	Sparse 5-25% cover (-1)		the presence of rare, threatened, or endangered spp
	Nearly absent <5% cover (0)	-	1
	Absent (1)	Mudflat an	d Open Water Class Quality
	6d. Microtopography.	0	Absent <0.1ha (0.247 acres)
	Score all present using 0 to 3 scale.	1	Low 0.1 to <1ha (0.247 to 2.47 acres)
	Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88 acres)
	Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more
	Standing dead >25cm (10in) dbh	Minustan	Syambu Cours Saala
	Amphibian breeding pools		graphy Cover Scale
		0	Absent
		1	Present very small amounts or if more common
			of marginal quality
		2	Present in moderate amounts, but not of highest
			quality or in small amounts of highest quality
		3	Present in moderate or greater amounts
			and of highest quality

Site: /	784	Chipmunk Solar	Rater(s): Clandele	E. Wilson	Date: 8/30/21
2	3	Metric 1. Wetland	Area (size).		
max 6 pts.	subtotal	Select one size class and assign so			
		25 to <50 acres (10.1 to	<20.2ha) (5 pts)		
		10 to <25 acres (4 to <10 × 3 to <10 acres (1.2 to <4)	na) (3 pts)		
		0.3 to <3 acres (0.12 to < 0.1 to <0.3 acres (0.04 to			
		<0.1 acres (0.04ha) (0 pt	s)		
7	10	Metric 2. Upland b	uffers and surrour	nding land use	•
max 14 pts.	subtotal	2a. Calculate average buffer width. WIDE. Buffers average 8	Select only one and assign score (164ft) or more around wetlar		
			ge 25m to <50m (82 to <164ft) are age 10m to <25m (32ft to <82ft) a		)
		VERY NARROW. Buffer 2b. Intensity of surrounding land us	s average <10m (<32ft) around we see. Select one or double check a		
		VERY LOW. 2nd growth	or older forest, prairie, savannah,	wildlife area, etc. (7)	
			rs), shrub land, young second gro lesidential, fenced pasture, park, o		low field. (3)
			open pasture, row cropping, minir	ng, construction. (1)	
19	29	Metric 3. Hydrolog	у.		
max 30 pts.	subtotal	☐ 3a. Sources of Water. Score all th	at apply.	3b. Connectivity. Score a	
		High pH groundwater (5) Other groundwater (3)		100 year floodp	lain (1) n/lake and other human use (1)
		Precipitation (1) Seasonal/Intermittent sur	face water (3)		upland (e.g. forest), complex (1) or upland corridor (1)
		Perennial surface water (	lake or stream) (5)	3d. Duration inundation/sa	aturation. Score one or dbl check
		3c. Maximum water depth. Select >0.7 (27.6in) (3)	only one and assign score.		nently inundated/saturated (4) ated/saturated (3)
		0.4 to 0.7m (15.7 to 27.6)	n) (2)	Seasonally inun	ndated (2) urated in upper 30cm (12in) (1)
		3e. Modifications to natural hydrolo	ogic regime. Score one or double		Tated in apper count (12m) (1)
		None or none apparent ( Recovered (7)	12) Check all disturbances obser	rved point source (no	onstormwater)
		Recovering (3)	tile	filling/grading	
		Recent or no recovery (1	) dike weir	road bed/RR tra	ick
			stormwater input	other	
12.5	41.5	Metric 4. Habitat A	Iteration and Deve	elopment.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score	one or double check and average		
max 20 pto.	Subtota	None or none apparent (			
		Recovered (3) Recovering (2)			
		Recent or no recovery (1 4b. Habitat development. Select of			
		Excellent (7)	in y one and accign control		
		Very good (6) Good (5)			
		Moderately good (4) Fair (3)			
		Poor to fair (2)			
		Poor (1) 4c. Habitat alteration. Score one of	or double check and average.		
		None or none apparent (		rved shrub/sapling re	emoval
		Recovered (6) Recovering (3)	mowing grazing	herbaceous/aq	uatic bed removal
		Recent or no recovery (1	clearcutting selective cutting	sedimentation dredging	
	41.5		woody debris removal	farming nutrient enrichr	ment
	subtotal this		toxic pollutants	nument enricht	TIGHT.
last revise	d 1 Febru	uary 2001 jjm			

Site: 1784 Chipmank Solar F	Rater(s):	welch E.W. 15am Date: 8/30/21
subtotal first page		
Metric 5. Special We	etlands.	
Check all that apply and score as indiced Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland Erie coastal/tributary wetland Sand Prairies (0) Relict Wet Prairies (10)	vetland-unrestricted hydrovetland-restricted hydro	
Known occurrence state/fed Significant migratory songbi Category 1 Wetland. See Q	rd/water fowl habitat or luestion 1 Qualitative R	usage (10)
max 20 pts. subtotal 6a. Wetland Vegetation Communities	Vegetation	Community Cover Scale
Score all present using 0 to 3 scale.  Aquatic bed	0	Absent or comprises <0.1ha (0.2471 acres) contiguous area Present and either comprises small part of wetland's
Emergent Shrub	,	vegetation and is of moderate quality, or comprises a significant part but is of low quality
Forest Mudflats Open water	2	Present and either comprises significant part of wetland's vegetation and is of moderate quality or comprises a small part and is of high quality
Other_	3	Present and comprises significant part, or more, of wetland's
<ol><li>6b. horizontal (plan view) Interspersion</li><li>Select only one.</li></ol>	-	vegetation and is of high quality
High (5)	Narrative D	escription of Vegetation Quality
Moderately high(4)	low	Low spp diversity and/or predominance of nonnative or
Moderate (3) Moderately low (2)	mod	disturbance tolerant native species  Native spp are dominant component of the vegetation,
Low (1) None (0) 6c. Coverage of invasive plants. Refetor Table 1 ORAM long form for list. As	er	although nonnative and/or disturbance tolerant native spp can also be present, and species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp
or deduct points for coverage	high	A predominance of native species, with nonnative spp
Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)		and/or disturbance tolerant native spp absent or virtually absent, and high spp diversity and often, but not always, the presence of rare, threatened, or endangered spp
Nearly absent <5% cover (0		10 W 10 0 0 W
Absent (1) 6d. Microtopography.	Mudflat and	d Open Water Class Quality Absent <0.1ha (0.247 acres)
Score all present using 0 to 3 scale.	1	Low 0.1 to <1ha (0.247 to 2.47 acres)
Vegetated hummucks/tussu		Moderate 1 to <4ha (2.47 to 9.88 acres)
Coarse woody debris >15cn	- Web 17	High 4ha (9.88 acres) or more
Standing dead >25cm (10in Amphibian breeding pools	Microtopog	raphy Cover Scale
	0	Absent
	1 2	Present very small amounts or if more common of marginal quality
	2	Present in moderate amounts, but not of highest quality or in small amounts of highest quality
	3	Present in moderate or greater amounts and of highest quality

Site: 1	784 (	Chipmanle Solar Rater(s): C. Knoble E. Wilson Date: 8/31/21
2	2	Metric 1. Wetland Area (size).
>	3	
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 pts)
		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) (2pts)
		0.1 to <0.3 acres (0.04 to <0.12ha) (1 pt) <0.1 acres (0.04ha) (0 pts)
	T.	Metric 2. Upland buffers and surrounding land use.
4	7	
nax 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) 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), shrub land, 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	16	Metric 3. Hydrology.
nax 30 pts.	subtotal	3a. Sources of Water. Score all that apply.  3b. Connectivity. Score all that apply.
Account from		High pH groundwater (5)  100 year floodplain (1)
		Other groundwater (3)  Precipitation (1)  Between stream/lake and other human use ( Part of wetland/upland (e.g. forest), complex
		Seasonal/Intermittent surface water (3)  Part of riparian or upland corridor (1)
		Perennial surface water (lake or stream) (5)  3d. Duration inundation/saturation. Score one or dbl c  3c. Maximum water depth. Select only one and assign score.  Semi- to permanently inundated/saturated (4)
		>0.7 (27.6in) (3) Regularly inundated/saturated (3) Seasonally inundated (2)
		<0.4m (<15.7in) (1) Seasonally saturated in upper 30cm (12in) (
		3e. Modifications to natural hydrologic regime. Score one or double check and average.
		None or none apparent (12) Check all disturbances observed Recovered (7) ditch point source (nonstormwater)
		Facovering (3) tile filling/grading
		Recent or no recovery (1) dike road bed/RR track weir dredging
		stormwater input other
	07.0	Metric 4. Habitat Alteration and Development.
11.5	27.5	
max 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4)
		Recovered (3)
		Recovering (2) Recent or no recovery (1)
		4b. Habitat development. Select only one and assign score.
		Excellent (7) Very good (6)
		Good (5)
		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) Check all disturbances observed
		Recovered (6) mowing shrub/sapling removal
		Recovering (3) grazing herbaceous/aquatic bed removal sedimentation
		selective cutting dredging forming
	27.5	woody debris removal farming toxic pollutants nutrient enrichment
	subtotal this	
ast revise	d 1 Febru	uary 2001 jjm

Site:	784	Charmel	Rate	er(s):	add E Wilson Date: 8/31/21
	btotal first pa	1	5. Special Wetla	ınds.	
0	27-5				
max 10 pts.	subtotal	Bog Fen Old Mat Lak Lak Reli Kno	apply and score as indicated.  (10) (10) growth forest (10) growth forest (40) e Erie coastal/tributary wetlan e Erie coastal/tributary wetlan e Plain Sand Prairies (Oak Opict Wet Prairies (10) own occurrence state/federal to	d-unrestricted hydropenings) (10) hreatened or endeter fowl habitat or	angered species (10) usage (10)
3	30.5	Metric	6. Plant commu	nities, int	erspersion, microtopography.
max 20 pts.	subtotal	6a Watland	Vegetation Communities.	Vocatation	Community Cover Scale
max 20 pts.	Subtotal		ent using 0 to 3 scale.	0	Community Cover Scale Absent or comprises <0.1ha (0.2471 acres) contiguous area
			uatic bed	1	Present and either comprises small part of wetland's
			ergent		vegetation and is of moderate quality, or comprises a
		Shr			significant part but is of low quality
		For	est	2	Present and either comprises significant part of wetland's
		Z Muc	dflats		vegetation and is of moderate quality or comprises a small
		Ope	en water		part and is of high quality
		Oth		3	Present and comprises significant part, or more, of wetland's
		6b. horizonta	I (plan view) Interspersion.		vegetation and is of high quality
		Select only or			5 1
		Hig	h (5)	Narrative D	escription of Vegetation Quality
		Mod	derately high(4)	low	Low spp diversity and/or predominance of nonnative or
		Mod	derate (3)		disturbance tolerant native species
		y Mod	derately low (2)	mod	Native spp are dominant component of the vegetation,
		Lov	v (1)		although nonnative and/or disturbance tolerant native spp
			ne (0)		can also be present, and species diversity moderate to
			of invasive plants. Refer		moderately high, but generally w/o presence of rare
			RAM long form for list. Add		threatened or endangered spp
			nts for coverage	high	A predominance of native species, with nonnative spp
			ensive >75% cover (-5)		and/or disturbance tolerant native spp absent or virtually
			derate 25-75% cover (-3)		absent, and high spp diversity and often, but not always,
			arse 5-25% cover (-1)	·	the presence of rare, threatened, or endangered spp
			arly absent <5% cover (0) sent (1)	Mudfleten	d Ones Water Class Coults.
		6d. Microtopo			Open Water Class Quality
			ent using 0 to 3 scale.	1	Absent <0.1ha (0.247 acres)
			getated hummucks/tussucks		Low 0.1 to <1ha (0.247 to 2.47 acres)
		Cos	arse woody debris >15cm (6in	) 2	Moderate 1 to <4ha (2.47 to 9.88 acres)
			nding dead >25cm (10in) dbh		High 4ha (9.88 acres) or more
		7 100	phibian breeding pools		graphy Cover Scale
				0	Absent
				1	Present very small amounts or if more common
					of marginal quality
				2	Present in moderate amounts, but not of highest
					quality or in small amounts of highest quality
				3	Present in moderate or greater amounts
					and of highest quality

Site:	1784	Chipmunk Solar	Rater(s): C. Kwolele	, E. Wilson	Date: 8/30/21
2	2	Metric 1. Wetland A	rea (size).		
max 6 pts.	subtotal	Select one size class and assign scor >50 acres (>20.2ha) (6 pts) 25 to <50 acres (10.1 to <20 10 to <25 acres (4 to <10.10 3 to <10 acres (1.2 to <4ha) 0.3 to <3 acres (0.12 to <1.00) 0.1 to <0.3 acres (0.04 to <0.00) <0.1 acres (0.04ha) (0 pts)	D.2ha) (5 pts) na) (4 pts) I (3 pts) 2ha) (2pts)		
6	8	Metric 2. Upland bu	ffers and surrou	nding land use	
max 14 pts.	subtotal	MEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers average VERY NARROW. Buffers average VERY LOW. 2nd growth or LOW. Old field (>10 years) MODERATELY HIGH. Res	n (164ft) or more around wetla 25m to <50m (82 to <164ft) ar 3 10m to <25m (32ft to <82ft) 3 overage <10m (<32ft) around v	and perimeter (7) ound wetland perimeter (4) around wetland perimeter (1) vetland perimeter (0) and average. a, wildlife area, etc. (7) bowth forest. (5) conservation tillage, new fall	
17	25	Metric 3. Hydrology	•		
max 30 pts.	subtotal	3a. Sources of Water. Score all that High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface Perennial surface water (lak 3c. Maximum water depth. Select on >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) <a href="https://www.commons.org/library.com/">www.commons.org/<a href="https://www.commons.org/">www.commons.org/<a href<="" td=""><td>ce water (3) se or stream) (5) ly one and assign score. (2)</td><td>Part of wetland/u Part of riparian of same state of same same same same same same same same</td><td>lain (1)  I/lake and other human use (1)  upland (e.g. forest), complex (1)  or upland corridor (1)  uturation. Score one or dbl chechently inundated/saturated (4)  ated/saturated (3)</td></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a>	ce water (3) se or stream) (5) ly one and assign score. (2)	Part of wetland/u Part of riparian of same state of same same same same same same same same	lain (1)  I/lake and other human use (1)  upland (e.g. forest), complex (1)  or upland corridor (1)  uturation. Score one or dbl chechently inundated/saturated (4)  ated/saturated (3)
		None or none apparent (12) Recovered (7) Recovering (3) Recent or no recovery (1)	THE COURSE WATER COURSE OF THE COURSE		
2.5	37.5	Metric 4. Habitat Al	teration and Dev	elopment.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score on None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one or or none apparent (9)	one and assign score.  double check and average.  Check all disturbances obse	erved	amoval.
s	37		mowing grazing clearcutting selective cutting woody debris remova toxic pollutants	sedimentation dredging	uatic bed removal

Site:	784 CH	Frank Solar	Rater(s)	): C. Kwa	leb, E. Wilson	Date: 8/30/9/
	37.5					
St	ibtotal first page					
0	37.5	Metric 5. Special	Wetland	s.		
max 10 pts.	subtotal (	Check all that apply and score as	indicated			
nux to pio.	Substitution (	Bog (10)	mulcated.			
		Fen (10)				
		Old growth forest (10)				
		Mature forested wetlan				
	٥					
		Lake Erie coastal/tribut			ology (5)	
		Lake Plain Sand Prairie Relict Wet Prairies (10)		js) (10)		
		Known occurrence state		ned or end	angered species (10)	
		Significant migratory so				
		Category 1 Wetland. S				
		Metric 6. Plant co				rotonography
8	45,5	Metric o. Flant co	Jiiiiiiaiiii	es, iii	erspersion, mic	rotopography.
max 20 pts.		Sa Watland Vacatation Commu	nition	Vanatation	Community Cover Scale	
max 20 pts.		Sa. Wetland Vegetation Commu Score all present using 0 to 3 sca		0		na (0.2471 acres) contiguous area
		Aquatic bed	ile.	1	Present and either compris	
		Emergent				lerate quality, or comprises a
		Shrub			significant part but is of lo	
	177	Forest		2		ses significant part of wetland's
	4	Mudflats			vegetation and is of mod	erate quality or comprises a small
		Open water			part and is of high quality	
		Other		3		mificant part, or more, of wetland's
		6b. horizontal (plan view) Intersp	persion.		vegetation and is of high	quality
		Select only one.		Navvetive D	leastinties of Vesstation O.	
		High (5)  Moderately high(4)		low	Pescription of Vegetation Qu	redominance of nonnative or
	4	Moderate (3)		IOW	disturbance tolerant nativ	
		Moderately low (2)		mod		omponent of the vegetation,
		Low (1)				or disturbance tolerant native spp
		None (0)				species diversity moderate to
		Sc. Coverage of invasive plants.				nerally w/o presence of rare
		to Table 1 ORAM long form for lis	st. Add		threatened or endangere	
	(	or deduct points for coverage	( E)	high		species, with nonnative spp
		Extensive >75% cover Moderate 25-75% cover				ant native spp absent or virtually ersity and often, but not always,
		Sparse 5-25% cover (-				eatened, or endangered spp
	-1	Nearly absent <5% cov			the presence of fare, till	catched, or endangered 3pp
		Absent (1)		Mudflat and	d Open Water Class Quality	
	(	6d. Microtopography.	- 0 0	0	Absent <0.1ha (0.247 acre	
		Score all present using 0 to 3 sca		1	Low 0.1 to <1ha (0.247 to	2.47 acres)
		Vegetated hummucks/		2	Moderate 1 to <4ha (2.47	
		Coarse woody debris >		3	High 4ha (9.88 acres) or m	nore
		Standing dead >25cm		Minret		
		Amphibian breeding po	DOIS		graphy Cover Scale	_
				0	Absent Present your small amount	to or if many comme
					Present very small amount of marginal quality	0.30 (0.003,000 0.140,000
				2	Present in moderate amou quality or in small amoun	
						demity
				3	Present in moderate or gre	eater amounts

5

Site:	784	Chipmunic Solar	Rater(s): C. Knolek, E	Wilson Date: 8/81/21
2	2	Metric 1. Wetland Ar	ea (size).	
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.  10 to <25 acres (4 to <10.1ha  3 to <10 acres (1.2 to <4ha)  0.3 to <3 acres (0.12 to <1.2ha)  0.1 to <0.3 acres (0.04 to <0.  <0.1 acres (0.04ha) (0 pts)	2ha) (5 pts) a) (4 pts) (3 pts) na) (2pts)	
ч	6	Metric 2. Upland buf	fers and surroundi	ng land use.
max 14 pts.	subtotal	MEDIUM. Buffers average 2 NARROW. Buffers average VERY NARROW. Buffers average VERY LOW. 2nd growth or of LOW. Old field (>10 years), MODERATELY HIGH. Resident	(164ft) or more around wetland pe 5m to <50m (82 to <164ft) around 10m to <25m (32ft to <82ft) around rerage <10m (<32ft) around wetlan Select one or double check and avoider forest, prairie, savannah, wild shrub land, young second growth f	erimeter (7) wetland perimeter (4) d wetland perimeter (1) d perimeter (0) verage. life area, etc. (7) forest. (5) ervation tillage, new fallow field. (3)
13	19	Metric 3. Hydrology.	a Newton transfer of the Comment of the American Comment of the Co	Sist deter. (1)
max 30 pts.	subtotal	3a. Sources of Water. Score all that a High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface Perennial surface water (lake 3c. Maximum water depth. Select only >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) (1) 3e. Modifications to natural hydrologic None or none apparent (12)	e water (3) e or stream) (5) y one and assign score.	Connectivity. Score all that apply.  100 year floodplain (1) Between stream/lake and other human use (1) Part of wetland/upland (e.g. forest), complex (1) Part of riparian or upland corridor (1) Duration inundation/saturation. Score one or dbl check Semi- to permanently inundated/saturated (4) Regularly inundated/saturated (3) Seasonally inundated (2) Seasonally saturated in upper 30cm (12in) (1) ck and average.
	I.	Recovered (7) Recovering (3) Recent or no recovery (1)	ditch tile dike weir stormwater input	point source (nonstormwater) filling/grading road bed/RR track dredging other
14	33	Metric 4. Habitat Alt	eration and Develo	pment.
max 20 pts.	subtotal	4a. Substrate disturbance. Score one  None or none apparent (4)  Recovered (3)  Recovering (2)  Recent or no recovery (1)  4b. Habitat development. Select only  Excellent (7)  Very good (6)  Good (5)  Moderately good (4)  Fair (3)  Poor to fair (2)  Poor (1)  4c. Habitat alteration. Score one or do  None or none apparent (9)  Recovered (6)  Recovering (3)  Recent or no recovery (1)	one and assign score.  ouble check and average.  Check all disturbances observed mowing grazing clearcutting selective cutting	shrub/sapling removal herbaceous/aquatic bed removal sedimentation dredging
	33 subtotal this	page pary 2001 jjm	woody debris removal toxic pollutants	farming nutrient enrichment

ORAM v. 5.0 Field Form Quantitative Rating

PFO J-AM

Site: 1784 Chipmunk Solar	Rater(s):	C. Kwal	tle, E. Dilson	Date: 6 31 21
subtotal first page  Metric 5.	Special Wetlands.			
max 10 pts. subtotal Check all that apply Bog (10) Fen (10) Old grow Mature fo Lake Erie Lake Plai Relict We Known of Significar	th forest (10) prested wetland (5) e coastal/tributary wetland-unrestrice coastal/tributary wetland-restricte in Sand Prairies (Oak Openings) (et Prairies (10) courrence state/federal threatened in the migratory songbird/water fowl he in Wetland. See Question 1 Qual	ed hydrolog (10) d or endang abitat or us	y (5) ered species (10) age (10)	
	Plant communities			opography.
max 20 pts. subtotal 6a. Wetland Veget	ation Communities.	etation Co	mmunity Cover Scale	
Score all present us	sing 0 to 3 scale.	0	Absent or comprises <0.1ha (0.2	
Aquatic b		1	Present and either comprises sm vegetation and is of moderate of significant part but is of low qua	quality, or comprises a
Forest Mudflats Open wa	ter	2	Present and either comprises sig vegetation and is of moderate of part and is of high quality	
Other6b. horizontal (plar Select only one.	n view) Interspersion.	3	Present and comprises significar vegetation and is of high quality	
High (5)	Nar	rative Des	cription of Vegetation Quality	
Moderate Moderate	ely high(4) e (3)	low	ow spp diversity and/or predom disturbance tolerant native spe	cies
Low (1) None (0) 6c. Coverage of in	ely low (2) vasive plants. Refer	mod	Native spp are dominant compor although nonnative and/or distu- can also be present, and speci- moderately high, but generally threatened or endangered spp	urbance tolerant native spp es diversity moderate to w/o presence of rare
Moderate Sparse 5	e >75% cover (-5) e 25-75% cover (-3) -25% cover (-1)	high	A predominance of native specie and/or disturbance tolerant nat absent, and high spp diversity the presence of rare, threatene	s, with nonnative spp ive spp absent or virtually and often, but not always,
Absent (1	osent <5% cover (0)	dflat and A	non Water Class Coults	
6d. Microtopograph			pen Water Class Quality Absent <0.1ha (0.247 acres)	
Score all present us	A T Company and the company of the c		ow 0.1 to <1ha (0.247 acres)	cres)
	d hummucks/tussucks	2 1	Moderate 1 to <4ha (2.47 to 9.88	
1 0 Standing	dead >25cm (10in) dbh		High 4ha (9.88 acres) or more	
Amphibia	in breeding pools Mic		hy Cover Scale	
	_		Absent Present very small amounts or if of marginal quality	more common
			Present in moderate amounts, but quality or in small amounts of h	ighest quality
		3 F	Present in moderate or greater all and of highest quality	nounts

39

Site:	1784	hipmunk Solar	Rater(s): A Zwolek,	E Wilson	Date: 8/31/21
0	0	Metric 1. Wetland A	Area (size).		
max 6 pts.	subtotal	Select one size class and assign scc >50 acres (>20.2ha) (6 pts 25 to <50 acres (10.1 to  10 to <25 acres (4 to <10.3 to <10 acres (1.2 to <4ha 0.3 to <10 acres (0.12 to <1 0.1 to <0.3 acres (0.04 to <0.1 acres (0.04ha) (0 pts)	ore. (3) (4) pts) (3) pts) (2) (2pts) (3) (2pts) (4) (2pts)		
3	3	Metric 2. Upland bu		ding land use	•
max 14 pts.	subtotal	MEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers  2b. Intensity of surrounding land use VERY LOW. 2nd growth of LOW. Old field (>10 years MODERATELY HIGH. Re	Im (164ft) or more around wetland 25m to <50m (82 to <164ft) arouse 10m to <25m (32ft to <82ft) arouse 25m (32ft) around we	d perimeter (7) Ind wetland perimeter (4) Dund wetland perimeter (1 Itland perimeter (0) d average. Wildlife area, etc. (7) Ith forest. (5) Disservation tillage, new fal	
7	10	Metric 3. Hydrology		g, construction. (1)	
max 30 pts.	subtotal	3a. Sources of Water. Score all that High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surfa Perennial surface water (la 3c. Maximum water depth. Select or >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) <0.4m (<15.7in) (1) 3e. Modifications to natural hydrolog	ice water (3) ke or stream) (5) 3 nly one and assign score.	Part of wetland/i Part of riparian of the control o	ain (1)  I/lake and other human use (1)  upland (e.g. forest), complex (1)  or upland corridor (1)  Ituration. Score one or dbl chechently inundated/saturated (4)  ated/saturated (3)
		None or none apparent (12) Recovered (7) Recovering (3) Recent or no recovery (1)			
8	18	Metric 4. Habitat Al	teration and Deve	lopment.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score on None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select onl Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one or None or none apparent (9) Recovered (6) Recovering (3)	y one and assign score.  double check and average.  Check all disturbances observ	shrub/sapling re	moval atic bed removal
s	subtotal this p	Recent or no recovery (1)	grazing clearcutting selective cutting woody debris removal toxic pollutants	sedimentation dredging farming nutrient enrichm	

Site: 1784	Chrismanle Sclar R	ater(s): C. V.	lete E. Wilson	Date: 8 31 21
18	<u>-1</u>			
subtotal firs				
0 18	Metric 5. Special We			
max 10 pts. subtot	0110 <u>011 0111</u> 01101 0111	ted.		
	Bog (10) Fen (10)			
	Old growth forest (10)			
	Mature forested wetland (5)			
	Lake Erie coastal/tributary we			
	Lake Erie coastal/tributary we		logy (5)	
	Lake Plain Sand Prairies (Oa	k Openings) (10)		
	Relict Wet Prairies (10)  Known occurrence state/fede	ral throatened or and	prograd species (10)	
	Significant migratory songbird	rai inreatened or enda	usage (10)	
	Category 1 Wetland. See Qu	estion 1 Qualitative R	ating (-10)	
				otopography
2 21	Metric 6. Plant comm	numiles, mi	erspersion, mich	otopograpny.
- 1		Wt-tt	Community Cover Seels	
max 20 pts. subto	od, trongite regerment	vegetation	Community Cover Scale	(0.2471 acres) contiguous area
	Score all present using 0 to 3 scale.  Aquatic bed	1	Present and either comprise	
	Emergent		vegetation and is of moder	
	Shrub		significant part but is of low	quality
	Forest	2		s significant part of wetland's
	Mudflats			ate quality or comprises a small
	Open water	- 0	part and is of high quality	E ou was a fixed and a
	Other	3	vegetation and is of high q	ficant part, or more, of wetland's
	<ol> <li>horizontal (plan view) Interspersion Select only one.</li> </ol>		vegetation and is of high q	uanty
	High (5)	Narrative D	escription of Vegetation Qua	lity
	Moderately high(4)	low	Low spp diversity and/or pre	
	Moderate (3)		disturbance tolerant native	
	Moderately low (2)	mod	Native spp are dominant cor	
	Low (1)			disturbance tolerant native spp
	None (0)  6c. Coverage of invasive plants. Reference		moderately high, but gene	pecies diversity moderate to
	to Table 1 ORAM long form for list. Ad		threatened or endangered	
	or deduct points for coverage	high	A predominance of native sp	
	Extensive >75% cover (-5)			t native spp absent or virtually
	Moderate 25-75% cover (-3)			sity and often, but not always,
	Sparse 5-25% cover (-1)		the presence of rare, threa	tened, or endangered spp
	Nearly absent <5% cover (0) Absent (1)		d Open Water Class Quality	
	6d. Microtopography.	0	Absent <0.1ha (0.247 acres	3)
	Score all present using 0 to 3 scale.	1	Low 0.1 to <1ha (0.247 to 2.	
	Vegetated hummucks/tussuo	cks 2	Moderate 1 to <4ha (2.47 to	9.88 acres)
	Coarse woody debris >15cm		High 4ha (9.88 acres) or mo	re
	Standing dead >25cm (10in)			
	Amphibian breeding pools		graphy Cover Scale	
		0	Absent Present very small amounts	or if more common
			of marginal quality	or in more common
		- 2	Present in moderate amoun	ts, but not of highest
			quality or in small amounts	s of highest quality
		3	Present in moderate or grea	ter amounts
E7 1		_	and of highest quality	

nax 6 pts. subtotal	Select one size class and assign scc >50 acres (>20.2ha) (6 pts 25 to <50 acres (10.1 to < 10 to <25 acres (4 to <10. 3 to <10 acres (1.2 to <4h	ore. s) 20.2ha) (5 pts)	
	Select one size class and assign sco >50 acres (>20.2ha) (6 pts 25 to <50 acres (10.1 to < 10 to <25 acres (4 to <10. 3 to <10 acres (1.2 to <4h	ore. s) 20.2ha) (5 pts)	
nax 6 pts. subtotal	>50 acres (>20.2ha) (6 pts 25 to <50 acres (10.1 to < 10 to <25 acres (4 to <10. 3 to <10 acres (1.2 to <4h	s) 20.2ha) (5 pts)	
	0.3 to <3 acres (0.12 to <1 0.1 to <0.3 acres (0.04 to <0.1 acres (0.04ha) (0 pts	a) (3 pts) I.2ha) (2pts) <0.12ha) (1 pt)	
7 7	Metric 2. Upland bu	uffers and surroundi	ing land use.
ax 14 pts. subtotal	WIDE. Buffers average 50 MEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers 2b. Intensity of surrounding land use VERY LOW. 2nd growth of the company of	Select only one and assign score. D Om (164ft) or more around wetland pe e 25m to <50m (82 to <164ft) around ge 10m to <25m (32ft to <82ft) around average <10m (<32ft) around wetlan e. Select one or double check and ar or older forest, prairie, savannah, wild s), shrub land, young second growth f esidential, fenced pasture, park, conse- open pasture, row cropping, mining, co	erimeter (7) wetland perimeter (4) id wetland perimeter (1) id perimeter (0) verage. Illife area, etc. (7) forest. (5) ervation tillage, new fallow field. (3)
13 20	Metric 3. Hydrolog		
nax 30 pts. subtotal	3a. Sources of Water. Score all that High pH groundwater (5)  Which of the groundwater (3)  Precipitation (1)  Seasonal/Intermittent surf  Perennial surface water (I)  3c. Maximum water depth. Select of the selec	ace water (3) ake or stream) (5) only one and assign score.	Connectivity. Score all that apply.  100 year floodplain (1)  Between stream/lake and other human use (1)  Part of wetland/upland (e.g. forest), complex (1)  Part of riparian or upland corridor (1)  Duration inundation/saturation. Score one or dbl chec  Semi- to permanently inundated/saturated (4)  Regularly inundated/saturated (3)  Seasonally inundated (2)  Seasonally saturated in upper 30cm (12in) (1)  ck and average.
	None or none apparent (1 Recovered (7) Recovering (3) Recent or no recovery (1)	2) Check all disturbances observed ditch tile	
10 30	Metric 4. Habitat A	Iteration and Develo	opment.
nax 20 pts. subtotal	4a. Substrate disturbance. Score of None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) Recent or no recovery (1) Recent or no recovery (1) Lexcellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  Ac. Habitat alteration. Score one of Recovered (6)	nly one and assign score.	shrub/sapling removal

Site: 1784	Chromoha Solar	Rater(s): C. L.	alak I Wilson	Date: 9/1/21
To.				
31	2			
subtotal fi	st page			
0 30	Metric 5. Special W	letlands.		
max 10 pts. subte	Check all that apply and score as inc	dicated.		
	Bog (10)			
	Fen (10)			
	Old growth forest (10)	-\		
	Mature forested wetland (5 Lake Erie coastal/tributary		dralagy (10)	
	Lake Erie coastal/tributary			
	Lake Plain Sand Prairies (		nogy (o)	
	Relict Wet Prairies (10)			
	Known occurrence state/fe	ederal threatened or end	angered species (10)	
	Significant migratory song			
	Category 1 Wetland. See	Question 1 Qualitative F	Rating (-10)	
- 1	Metric 6. Plant con	nmunities, int	erspersion, microt	opography.
1 31	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1020,000,000,000,000,000		- h - 9 h
max 20 pts. subte	6a. Wetland Vegetation Communitie	es. Vegetation	Community Cover Scale	
	Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.2	2471 acres) contiguous area
	Aquatic bed	1	Present and either comprises sn	nall part of wetland's
	Emergent		vegetation and is of moderate	
	Shrub		significant part but is of low qu	
	Forest	2	Present and either comprises sig	
	Mudflats Open water		vegetation and is of moderate	quality or comprises a small
	Other	3	part and is of high quality  Present and comprises significant	nt nart or more of wetland's
	6b. horizontal (plan view) Interspers		vegetation and is of high qualit	
	Select only one.	the state of the state of		
	High (5)	Narrative D	escription of Vegetation Quality	
	Moderately high(4)	low	Low spp diversity and/or predom	
	Moderate (3)	-	disturbance tolerant native spe	
	Moderately low (2)	mod	Native spp are dominant compo	
	Low (1) None (0)		although nonnative and/or dist can also be present, and speci	
	6c. Coverage of invasive plants. Re	efer	moderately high, but generally	
	to Table 1 ORAM long form for list.		threatened or endangered spp	
	or deduct points for coverage	high	A predominance of native specie	
	Extensive >75% cover (-5)		and/or disturbance tolerant nat	
	× Moderate 25-75% cover (-	3)	absent, and high spp diversity	
	Sparse 5-25% cover (-1)	(0)	the presence of rare, threatene	ed, or endangered spp
	Nearly absent <5% cover ( Absent (1)		Onen Water Class Oveller	
	6d. Microtopography.	0	Absent <0.1ha (0.247 acres)	
	Score all present using 0 to 3 scale.	1	Low 0.1 to <1ha (0.247 to 2.47 a	ocros)
	Vegetated hummucks/tuss		Moderate 1 to <4ha (2.47 to 9.8	
	Coarse woody debris >15c		High 4ha (9.88 acres) or more	
	Standing dead >25cm (10i			
	Amphibian breeding pools	Microtopog	raphy Cover Scale	
		0	Absent	
		1	Present very small amounts or if of marginal quality	
		2	Present in moderate amounts, but quality or in small amounts of h	nighest quality
		3	Present in moderate or greater a	
71		-	and of highest quality	

Site:	784 (	hipmiunk Solar	Rater(s): C. Kudek, E. Wilson	Date: 9/1/21
0	D	Metric 1. Wetland A	rea (size).	
max 6 pts.	subtotal	Select one size class and assign scc >50 acres (>20.2ha) (6 pts 25 to <50 acres (10.1 to  10 to <25 acres (4 to <10.* 3 to <10 acres (1.2 to <4ha 0.3 to <3 acres (0.12 to <1 0.1 to <0.3 acres (0.04 to <	) 20.2ha) (5 pts) (ha) (4 pts) a) (3 pts) .2ha) (2pts) 50.12ha) (1 pt)	
7	7		iffers and surrounding la	nd use.
max 14 pts.	subtotal	WIDE. Buffers average 50 MEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers  2b. Intensity of surrounding land use VERY LOW. 2nd growth of LOW. Old field (>10 years MODERATELY HIGH. Re	Select only one and assign score. Do not doum (164ft) or more around wetland perimeter (7 25m to <50m (82 to <164ft) around wetland per 10 to <25m (32ft to <82ft) around wetland average <10m (<32ft) around wetland perimet. Select one or double check and average. Tolder forest, prairie, savannah, wildlife area, one of the savannah, sav	r) erimeter (4) perimeter (1) er (0) etc. (7) lage, new fallow field. (3)
17	24	Metric 3. Hydrology		ii. (1)
max 30 pts.	subtotal	3a. Sources of Water. Score all that High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surfa Perennial surface water (la 3c. Maximum water depth. Select or >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) <0.4m (<15.7in) (1) 3e. Modifications to natural hydrolog	ce water (3) ke or stream) (5) only one and assign score.  3d. Duration in Service Region (2)	vity. Score all that apply. I) year floodplain (1) It ween stream/lake and other human use (1) It of wetland/upland (e.g. forest), complex (1) It of riparian or upland corridor (1) Inundation/saturation. Score one or dbl check mi- to permanently inundated/saturated (4) Igularly inundated/saturated (3) I asonally inundated (2) I asonally saturated in upper 30cm (12in) (1) I arage.
		None or none apparent (12) Recovered (7) Recovering (3) Recent or no recovery (1)	Check all disturbances observed poi ditch fille dike roa	nt source (nonstormwater) ng/grading d bed/RR track dging
10	34	Metric 4. Habitat Al	teration and Developmer	nt.
max 20 pts.	subtotal	4a. Substrate disturbance. Score on None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one or	y one and assign score.  double check and average.	
Est.	34	None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)	mowing shr grazing her clearcutting sec selective cutting dre woody debris removal farr	ub/sapling removal baceous/aquatic bed removal limentation dging ning rient enrichment

Site: 118	H C	ripmunk Selen	Rater(s	s): Calmel	ile, J. Golson	Date: 4/1/2/
subtotal	first page	Metric 5. Special \	Wetland	ds.		
max 10 pts. sub		Bog (10) Fen (10) Old growth forest (10) Mature forested wetland Lake Erie coastal/tributa Lake Plain Sand Prairie Relict Wet Prairies (10) Known occurrence state Significant migratory so Category 1 Wetland. Si	i (5) ary wetland-ur ary wetland-re s (Oak Openi e/federal threa ngbird/water f	estricted hydrologings) (10) atened or endar fowl habitat or u	ngered species (10) usage (10)	
3 3	7	Metric 6. Plant co				otopography.
		6a. Wetland Vegetation Commun	ities.	Vegetation C	Community Cover Scale	
		Score all present using 0 to 3 scal		0	Absent or comprises <0.1ha (	0.2471 acres) contiguous area
		Aquatic bed Emergent Shrub		1	Present and either comprises vegetation and is of modera significant part but is of low	ate quality, or comprises a
		Forest Mudflats Open water		2	Present and either comprises vegetation and is of modera part and is of high quality	significant part of wetland's ate quality or comprises a small
		Other6b. horizontal (plan view) Intersp	ersion.	3	Present and comprises signification and is of high quantum comprises and its of high quantum comprises and comprises significant comprises significant comprises and comprises significant comprises are comprised to the comprise comprises of the comprise comprises and comprises are comprised to the comprise comprises and comprises are comprised to the comprise comprises and comprise comprises are comprised to the comprise comprise comprises and comprise comprise comprises are comprised to the comprise comprise comprises and comprise comprise comprises and comprise comprise comprises are comprised to the comprise comprise comprise comprise comprises and comprise c	icant part, or more, of wetland's ality
		Select only one.		Name the D		this control of the c
		High (5) Moderately high(4)		low	Escription of Vegetation Quali Low spp diversity and/or pred	
		Moderate (3)		iow	disturbance tolerant native	
		Moderately low (2) Low (1) None (0)  6c. Coverage of invasive plants. to Table 1 ORAM long form for lis		mod	Native spp are dominant com although nonnative and/or of	proposent of the vegetation, disturbance tolerant native spp pecies diversity moderate to ally w/o presence of rare
		or deduct points for coverage  Extensive >75% cover  Moderate 25-75% cover  × Sparse 5-25% cover (	(-5) er (-3) 1)	high	A predominance of native spe and/or disturbance tolerant	ecies, with nonnative spp native spp absent or virtually sity and often, but not always,
		iveally abselft 15 /6 COV	er (0)	Modelatand	Onen Meter Class Ovelity	
		Absent (1) 6d. Microtopography.		0	Open Water Class Quality Absent <0.1ha (0.247 acres)	-
		Score all present using 0 to 3 sca	le.	1	Low 0.1 to <1ha (0.247 acres)	
		Vegetated hummucks/t		2	Moderate 1 to <4ha (2.47 to	
		Coarse woody debris >		3	High 4ha (9.88 acres) or mor	
		Standing dead >25cm ( Amphibian breeding po		Microtopog	raphy Cover Scale	
				0	Absent	
				1	Present very small amounts of marginal quality	Et ditissesson,
				2	Present in moderate amounts quality or in small amounts	
				3	Present in moderate or great and of highest quality	er amounts

Site:	784	Chipmunk Solar	Rater(s): C. Vente ale, 1	E. Wilson	Date: 9/1/21
D	D	Metric 1. Wetland A	rea (size).		
max 6 pts.	subtotal	Select one size class and assign score >50 acres (>20.2ha) (6 pts) 25 to <50 acres (10.1 to <2 10 to <25 acres (4 to <10.1 3 to <10 acres (1.2 to <4ha 0.3 to <3 acres (0.12 to <1. 0.1 to <0.3 acres (0.04 to < <1.10 colors (0.04 to <1. 0.1 acres (0.04ha) (0 pts)	0.2ha) (5 pts) ha) (4 pts) ) (3 pts) 2ha) (2pts)		
7	7	Metric 2. Upland bu	ffers and surrour	iding land use	
max 14 pts.	subtotal	MEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers average VERY NARROW. Buffers average VERY LOW. 2nd growth or LOW. Old field (>10 years) MODERATELY HIGH. Res	m (164ft) or more around wetlan 25m to <50m (82 to <164ft) arou a 10m to <25m (32ft to <82ft) ar average <10m (<32ft) around we	d perimeter (7) und wetland perimeter (4) round wetland perimeter (1 etland perimeter (0) nd average. wildlife area, etc. (7) wth forest. (5) onservation tillage, new fa	
10	17	Metric 3. Hydrology	TOTAL STATE OF THE PARTY OF THE PROPERTY OF THE PARTY OF		
max 30 pts.	subtotal	3a. Sources of Water. Score all that High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surfa Perennial surface water (lai 3c. Maximum water depth. Select or >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) <0.4m (<15.7in) (1) 3e. Modifications to natural hydrological surface water (lai)  Notice the surface water (lai)	ce water (3) ke or stream) (5) hly one and assign score. (2)	Part of wetland. Part of riparian 3d. Duration inundation/s Semi- to perma Regularly inund Seasonally inund Seasonally sati	plain (1) m/lake and other human use (1) /upland (e.g. forest), complex (1) or upland corridor (1) aturation. Score one or dbl check anently inundated/saturated (4) dated/saturated (3)
		None or none apparent (12 Recovered (7) Recovering (3) Recent or no recovery (1)			
	27	Metric 4. Habitat Al	teration and Deve	elopment.	
0 max 20 pts.	subtotal	4a. Substrate disturbance. Score on None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select onl Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one or	y one and assign score.		
		None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)	Check all disturbances obser mowing grazing clearcutting selective cutting	shrub/sapling	removal quatic bed removal
	27	page	woody debris removal toxic pollutants	farming nutrient enrich	ment
		lany 2001 lim			

Site: 178	ч сь	emuele Scher	Rater(s):	Veril	U.E. William	Date: 9 1 171
subtota	27	Metric 5. Special \	Wetlands.			
			20.000			
max 10 pts. si	ubtotal (	Check all that apply and score as in Bog (10) Fen (10) Old growth forest (10) Mature forested wetland Lake Erie coastal/tributal Lake Erie coastal/tributal Lake Plain Sand Prairies Relict Wet Prairies (10) Known occurrence state, Significant migratory son Category 1 Wetland. Se	(5) ry wetland-unrestricted ry wetland-restricted s (Oak Openings) (10 /federal threatened o	hydrolo ) r endan itat or u	ngy (5) ngered species (10) sage (10)	
3	30	Metric 6. Plant co	mmunities,	inte	erspersion, micro	topography.
max 20 pts. si		6a. Wetland Vegetation Communi		ation C	ommunity Cover Scale	
		Score all present using 0 to 3 scale		0	Absent or comprises <0.1ha (0	
		Aquatic bed Emergent Shrub		1	Present and either comprises s vegetation and is of moderat significant part but is of low of	e quality, or comprises a
		Forest		2	Present and either comprises s	
		Mudflats Open water			vegetation and is of moderat part and is of high quality	e quality or comprises a small
	,	Other		3	Present and comprises signific	
		6b. horizontal (plan view) Interspe Select only one.	rsion.		vegetation and is of high qua	lity
	,	High (5)	Narrat	ive De	scription of Vegetation Quality	v
		Moderately high(4)		w	Low spp diversity and/or predo	
		Moderate (3)			disturbance tolerant native s	
		Moderately low (2) Low (1) None (0) Co. Coverage of invasive plants. For Table 1 ORAM long form for list.	Refer	iod	Native spp are dominant comp although nonnative and/or di can also be present, and spe moderately high, but general threatened or endangered sp	sturbance tolerant native spp ecies diversity moderate to ly w/o presence of rare
	(	or deduct points for coverage	hi	igh	A predominance of native spec	
		Extensive >75% cover (-			and/or disturbance tolerant n	ative spp absent or virtually
		Moderate 25-75% cover			absent, and high spp diversit	
	-1	Sparse 5-25% cover (-1) Nearly absent <5% cove	the state of the s		the presence of rare, threate	ned, or endangered spp
		Absent (1)	1-1	at and	Open Water Class Quality	
		d. Microtopography.		0	Absent <0.1ha (0.247 acres)	
	5	Score all present using 0 to 3 scale	).	1	Low 0.1 to <1ha (0.247 to 2.47	acres)
		Vegetated hummucks/tu		2	Moderate 1 to <4ha (2,47 to 9	.88 acres)
		Coarse woody debris >1		3	High 4ha (9.88 acres) or more	
	6	Standing dead >25cm (1 Amphibian breeding poo		onogr	aphy Cover Scale	
			-	0	Absent	
				1	Present very small amounts or of marginal quality	if more common
				2	Present in moderate amounts, quality or in small amounts or	
2.				3	Present in moderate or greater and of highest quality	amounts

Site:	784 (	hiomunk Solar	Rater(s): C. Kwolek, E. W	Ison Date: 9/1/21
D	0	Metric 1. Wetland A	rea (size).	
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  10 to <25 acres (4 to <10.1 to  3 to <10 acres (1.2 to <4ha)  0.3 to <3 acres (0.12 to <1.1 to <0.3 acres (0.04 to <  <0.1 acres (0.04ha) (0 pts)	0.2ha) (5 pts) ha) (4 pts) ) (3 pts) 2ha) (2pts) 0.12ha) (1 pt)	
7	7		ffers and surrounding	
max 14 pts.	subtotal	WIDE. Buffers average 50r WEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers average VERY LOW. 2nd growth or VERY LOW. 2nd growth or LOW. Old field (>10 years)	Select only one and assign score. Do now (164ft) or more around wetland perimal 25m to <50m (82 to <164ft) around wetland perimal to <25m (32ft to <82ft) around wetland perimal to <25m (32ft to <82ft) around wetland perimal to select one or double check and average of the select one or double check and average of the select one or double check and average of the select one or double check and average of the select one or double check and average of the select one or double check and average of the select one of the select of the select one of the select of	leter (7) tland perimeter (4) vetland perimeter (1) vetland perimeter (1) vetland perimeter (0) age. verimeter (0) age. verimeter (7) vetl. (5) ation tillage, new fallow field. (3)
9	16	Metric 3. Hydrology		
max 30 pts.	subtotal	High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surfa Perennial surface water (la 3c. Maximum water depth. Select or >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) <0.4 m (<15.7in) (1)	ace water (3) like or stream) (5) nly one and assign score.	prince connectivity. Score all that apply.  100 year floodplain (1)  Between stream/lake and other human use (1)  Part of wetland/upland (e.g. forest), complex (1)  Part of riparian or upland corridor (1)  uration inundation/saturation. Score one or dbl check  Semi- to permanently inundated/saturated (4)  Regularly inundated/saturated (3)  Seasonally inundated (2)  Seasonally saturated in upper 30cm (12in) (1)  and average.
		None or none apparent (12 Recovered (7) Recovering (3) Recent or no recovery (1)	The second secon	point source (nonstormwater) filling/grading road bed/RR track dredging other
	20	Metric 4. Habitat A	Iteration and Develop	ment.
max 20 pts.	29 s. subtota		ne or double check and average.  Inly one and assign score.  In double check and average.  Check all disturbances observed mowing grazing clearcutting	shrub/sapling removal herbaceous/aquatic bed removal sedimentation dredging
	2 subtotal th	a is page	selective cutting woody debris removal toxic pollutants	farming nutrient enrichment
last revis	sed 1 Feb	ruary 2001 jjm		

PFO 2-AT

Site:	784	Cheipyman	E Solat R	ater(s):	lely Elileny	Date: 9/1/4/
SL	ubtotal first	Time and a	5. Special We	tlande		
0	29	Metric	o. Opecial we	uanus.		
max 10 pts.	subtotal	Bo Fe Ol M La La La Kr	at apply and score as indicated apply and score as indicated (10) and (10) at the forested wetland (5) at the Erie coastal/tributary weake Erie coastal/tributary weake Plain Sand Prairies (Oakelict Wet Prairies (10) nown occurrence state/feder applificant migratory songbirdategory 1 Wetland. See Que	tland-unrestricted hy tland-restricted hydro (Openings) (10) al threatened or end water fowl habitat o	angered species (10)	
2	31			nunities, int	erspersion, mic	rotopography.
max 20 pts.	subtotal	6a. Wetland	Vegetation Communities.	Vegetation	Community Cover Scale	
			sent using 0 to 3 scale.	0	Absent or comprises < 0.1h	na (0.2471 acres) contiguous area
		I Er	quatic bed nergent rrub	1	significant part but is of lo	erate quality, or comprises a ow quality
		Mu 5 Op	rest udflats en water	2	Present and either comprise vegetation and is of mode part and is of high quality	ses significant part of wetland's erate quality or comprises a small
			her al (plan view) Interspersion.	3	Present and comprises significant vegetation and is of high	nificant part, or more, of wetland's
		Select only of	ne.	22		
		100	gh (5)		escription of Vegetation Qu	ality
		Mo	oderately high(4) oderate (3)	low	Low spp diversity and/or pr disturbance tolerant nativ	redominance of nonnative or
		Lo No 6c. Coverag	oderately low (2) w (1) ne (0) e of invasive plants. Refer RAM long form for list. Add	mod	Native spp are dominant co although nonnative and/o can also be present, and	omponent of the vegetation, or disturbance tolerant native spp species diversity moderate to erally w/o presence of rare
		Ex Mo Sp	nts for coverage tensive >75% cover (-5) derate 25-75% cover (-3) arse 5-25% cover (-1)	high	A predominance of native s and/or disturbance toleral absent, and high spp dive	species, with nonnative spp nt native spp absent or virtually ersity and often, but not always, atened, or endangered spp
		Ah	arly absent <5% cover (0) sent (1)	Mudflatana	Open Water Class Quality	
		6d. Microtop	ography.	0	Absent <0.1ha (0.247 acre	(2)
		Score all pres	sent using 0 to 3 scale.	1	Low 0.1 to <1ha (0.247 to 2	2.47 acres)
		Ve	getated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 t	o 9.88 acres)
		Co Sta	arse woody debris >15cm (6 anding dead >25cm (10in) di	Sin)3	High 4ha (9.88 acres) or mo	ore
		g Am	phibian breeding pools		raphy Cover Scale	
				0	Absent	
				1	Present very small amounts of marginal quality	
				2	Present in moderate amount quality or in small amount	nts, but not of highest s of highest quality
71				3	Present in moderate or great and of highest quality	ater amounts

Site: 1784	Chipmunk Bular	Rater(s): C. Koolek, E.	Wilson Dat	te: 9/1/21
1 7	Metric 1. Wetland	Area (size).		
max 6 pts. subto	Select one size class and assign s >50 acres (>20.2ha) (6 p 25 to <50 acres (10.1 to 10 to <25 acres (4 to <1) 3 to <10 acres (1.2 to <4 0.3 to <3 acres (0.12 to < 0.1 to <0.3 acres (0.04 to <0.1 acres (0.04ha) (0 p	ots) <20.2ha) (5 pts) 0.1ha) (4 pts) Ha) (3 pts) <1.2ha) (2pts) o <0.12ha) (1 pt)		
2 3	Metric 2. Upland b	ouffers and surround	ing land use.	
max 14 pts. subto	WIDE. Buffers average MEDIUM. Buffers avera NARROW. Buffers avera VERY NARROW. Buffers 2b. Intensity of surrounding land u VERY LOW. 2nd growth LOW. Old field (>10 year MODERATELY HIGH. I	n. Select only one and assign score. If 50m (164ft) or more around wetland purge 25m to <50m (82 to <164ft) around age 10m to <25m (32ft to <82ft) around rs average <10m (<32ft) around wetland see. Select one or double check and a nor older forest, prairie, savannah, wild ars), shrub land, young second growth Residential, fenced pasture, park, consi, open pasture, row cropping, mining, of	erimeter (7) wetland perimeter (4) ad wetland perimeter (1) ad perimeter (0) verage. dlife area, etc. (7) forest. (5) ervation tillage, new fallow field	d. (3)
16 1	Metric 3. Hydrolog	gy.		
max 30 pts. subt	High pH groundwater (5 Other groundwater (3) Precipitation (1) Seasonal/Intermittent su Perennial surface water 3c. Maximum water depth. Select >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) (4)	orface water (3) (lake or stream) (5) t only one and assign score.	Part of wetland/upland Part of riparian or uplan Duration inundation/saturation Semi- to permanently ir Regularly inundated/sa Seasonally inundated (3 Seasonally saturated in	nd other human use (1) (e.g. forest), complex (1) nd corridor (1) n. Score one or dbl check nundated/saturated (4) turated (3)
	None or none apparent Recovered (7) Recovering (3) Recent or no recovery (	(12) Check all disturbances observed ditch tile		water)
14 27	Metric 4. Habitat	Alteration and Develo	pment.	
max 20 pts. subt	4a. Substrate disturbance. Score None or none apparent Recovered (3) Recovering (2) Recent or no recovery ( 4b. Habitat development. Select Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1) 4c. Habitat alteration. Score one	1) only one and assign score. or double check and average.		
	None or none apparent Recovered (6) Recovering (3) Recent or no recovery ( this page	(9) Check all disturbances observed mowing grazing	shrub/sapling removal herbaceous/aquatic be sedimentation dredging farming nutrient enrichment	

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Site: 1784	Chipmank Sclar	Rater(s):	elek Erhilson Date: 9/1/21
27			
subtotal first	2000		
Subtotal ilist		Notlondo	
0 27	Metric 5. Special \	wellands.	
ax 10 pts. subtota	Check all that apply and score as in	ndicated.	
	Bog (10)		
	Fen (10)		
	Old growth forest (10)  Mature forested wetland	(5)	
		ry wetland-unrestricted hy	drology (10)
	Lake Erie coastal/tributa	ry wetland-restricted hydro	CONTRACTOR AND COMPANY
	Lake Plain Sand Prairies	(Oak Openings) (10)	
	Relict Wet Prairies (10)		
		/federal threatened or end	
		ngbird/water fowl habitat or se Question 1 Qualitative F	
	그리다 그리면 그 그 그리는 것 같아요. 그리고 있는 것 같아 없었다.		
3 30	Metric 6. Plant col	mmunities, int	erspersion, microtopography.
ax 20 pts. subtota		tion Vagatation	Community Cover Scale
as 20 ptd. Guotott	6a. Wetland Vegetation Communities Score all present using 0 to 3 scale		Community Cover Scale Absent or comprises <0.1ha (0.2471 acres) contiguous area
	Aquatic bed	1	Present and either comprises small part of wetland's
	Emergent		vegetation and is of moderate quality, or comprises a
	Shrub		significant part but is of low quality
	Forest	2	Present and either comprises significant part of wetland's
	Mudflats		vegetation and is of moderate quality or comprises a sma
	Open water Other	3	part and is of high quality  Present and comprises significant part, or more, of wetland
	6b. horizontal (plan view) Interspe		vegetation and is of high quality
	Select only one.		
	High (5)	Narrative D	escription of Vegetation Quality
	Moderately high(4)	low	Low spp diversity and/or predominance of nonnative or
	Moderate (3)  Moderately low (2)	mod	disturbance tolerant native species
	Moderately low (2) Low (1)	mod	Native spp are dominant component of the vegetation, although nonnative and/or disturbance tolerant native spp
	None (0)		can also be present, and species diversity moderate to
	6c. Coverage of invasive plants. F		moderately high, but generally w/o presence of rare
	to Table 1 ORAM long form for list.		threatened or endangered spp
	or deduct points for coverage  Extensive >75% cover (-	high	A predominance of native species, with nonnative spp
	Moderate 25-75% cover		and/or disturbance tolerant native spp absent or virtually absent, and high spp diversity and often, but not always,
	C F 050// 4\		the presence of rare, threatened, or endangered spp
	Nearly absent <5% cover (-1)		
	Absent (1)		d Open Water Class Quality
	<ol><li>6d. Microtopography.</li><li>Score all present using 0 to 3 scale</li></ol>	<u>0</u> 1	Absent <0.1ha (0.247 acres)
	Vegetated hummucks/tu		Low 0.1 to <1ha (0.247 to 2.47 acres)  Moderate 1 to <4ha (2.47 to 9.88 acres)
	Coarse woody debris >1		High 4ha (9.88 acres) or more
	Standing dead >25cm (1	0in) dbh	
	Amphibian breeding poo		graphy Cover Scale
		0	Absent
		1	Present very small amounts or if more common of marginal quality
		2	Present in moderate amounts, but not of highest quality or in small amounts of highest quality
		3	Present in moderate or greater amounts
7 4			and of highest quality

Site:	784 (	hipmunk Solar Rater(s): Ckuolele, E. Wilson	Date: 9/1/21
1	1	Metric 1. Wetland Area (size).	
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 pts)   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) (2pts)   0.1 to <0.3 acres (0.04 to <0.12ha) (1 pt)   <0.1 acres (0.04ha) (0 pts)	
2	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)  MEDÎUM. 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)  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), shrub land, young second growth forest. (5)  MODERATELY HIGH. Residential, fenced pasture, park, conservation tillage, new fallow HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)	ow field. (3)
5	10	Metric 3. Hydrology.	
max 30 pts.	subtotal	Precipitation (1) Seasonal/Intermittent surface water (3) Perennial surface water (lake or stream) (5)  3c. Maximum water depth. Select only one and assign score.  >0.7 (27.6in) (3)  0.4 to 0.7m (15.7 to 27.6in) (2) <a href="#"></a>	lin (1) lake and other human use (1) pland (e.g. forest), complex (1) r upland corridor (1) uration. Score one or dbl check. ently inundated/saturated (4) ted/saturated (3) lated (2) ated in upper 30cm (12in) (1)
		Recovering (3) Recent or no recovery (1)  Recent or no recovery (1)  Title  dike  weir  stormwater input  Metric 4. Habitat Alteration and Development.	·k
11.5 max 20 pts.	Z1.5 subtotal	4a. Substrate disturbance. Score one or double check and average.	
max 20 pts.	subtotal	None or none apparent (4)  Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.  Excellent (7) Very good (6) Good (5)  Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one or double check and average.	
\$	Z1 S	Recent or no recovery (1)  Recent or no recovery (1)  Clearcutting Selective cutting Woody debris removal toxic pollutants  Sedimentation dredging farming nutrient enrichm	atic bed removal

last revised 1 February 2001 jjm

Site: 1784 Ch	mpurit Siler	Rater(s):	Ide EWILSON	Date: 9/1/21
subtotal first page		National a		
D 21.5	Metric 5. Special V	vetianas.		
max 10 pts. subtotal (	Check all that apply and score as in Bog (10) Fen (10) Old growth forest (10) Mature forested wetland Lake Erie coastal/tributar Lake Erie coastal/tributar Lake Plain Sand Prairies Relict Wet Prairies (10) Known occurrence state/ Significant migratory son Category 1 Wetland. Se	(5) y wetland-unrestricted hy y wetland-restricted hydrological (Oak Openings) (10) (federal threatened or en- gbird/water fowl habitat of	rology (5) dangered species (10) or usage (10)	
8 29.5	Metric 6. Plant cor	mmunities, in	terspersion, micro	otopography.
8				
	Sa. Wetland Vegetation Communit		n Community Cover Scale	
	Score all present using 0 to 3 scale  Aquatic bed	0	Absent or comprises <0.1ha Present and either comprises	(0.2471 acres) contiguous area
	Emergent Shrub		vegetation and is of modera significant part but is of low	ate quality, or comprises a
3	Forest Mudflats Open water	2	Present and either comprises	
,	Other 6b. horizontal (plan view) Interspe	rsion 3	Present and comprises signif vegetation and is of high qu	icant part, or more, of wetland's
	Select only one.	-	vogetation and is of high qu	anty
	High (5)	Narrative	Description of Vegetation Quali	ity
	Moderately high(4) Moderate (3)	low	Low spp diversity and/or pred disturbance tolerant native	
	Moderately low (2) Low (1) None (0)  6c. Coverage of invasive plants. For Table 1 ORAM long form for list.			disturbance tolerant native spp becies diversity moderate to ally w/o presence of rare
(	er deduct points for coverage  Extensive >75% cover (-1)  Moderate 25-75% cover  Sparse 5-25% cover (-1)	(-3)		native spp absent or virtually sity and often, but not always,
	Nearly absent <5% cove Absent (1)		nd Open Water Class Quality	
	6d. Microtopography.	0	Absent <0.1ha (0.247 acres)	
	Score all present using 0 to 3 scale		Low 0.1 to <1ha (0.247 to 2.4	
	Vegetated hummucks/tus	The second secon	Moderate 1 to <4ha (2.47 to	
	Coarse woody debris >1		High 4ha (9.88 acres) or more	
	Standing dead >25cm (1 Amphibian breeding pool	s Microtopo	graphy Cover Scale	V .
		0	Absent	
		1	Present very small amounts of marginal quality	
		2	Present in moderate amounts quality or in small amounts	
as 5		3	Present in moderate or greate and of highest quality	

PFO 1-AN

Site:	84 C	hipmunk Solar	Rater(s): C. Vandale, E. W.	Isan Date: 9/1/21
2	2	Metric 1. Wetland	Area (size).	
max 6 pts.	subtotal	Select one size class and assign scores (>20.2ha) (6 ptr 25 to <50 acres (10.1 to < 10 to <25 acres (4 to <10. 3 to <10 acres (1.2 to <4h 0.3 to <3 acres (0.12 to < 0.1 to <0.3 acres (0.04 to <0.1 acres (0.04ha) (0 pts	s) 20.2ha) (5 pts) 1ha) (4 pts) a) (3 pts) 1.2ha) (2pts) <0.12ha) (1 pt)	
1	3		uffers and surroundir	ig land use.
max 14 pts.	subtotal	WIDE. Buffers average 5 MEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers 2b. Intensity of surrounding land us VERY LOW. 2nd growth LOW. Old field (>10 years MODERATELY HIGH. Re	Select only one and assign score. Do 0m (164ft) or more around wetland peri e 25m to <50m (82 to <164ft) around w ge 10m to <25m (32ft to <82ft) around saverage <10m (<32ft) around wetland e. Select one or double check and aveor older forest, prairie, savannah, wildlif s), shrub land, young second growth for esidential, fenced pasture, park, conserpen pasture, row cropping, mining, cor	meter (7) etland perimeter (4) wetland perimeter (1) perimeter (0) rage. e area, etc. (7) rest. (5) vation tillage, new fallow field. (3)
13	16	Metric 3. Hydrolog	y.	
max 30 pts.	subtotal		face water (3) ake or stream) (5) only one and assign score.  a) (2) gic regime. Score one or double check	onnectivity. Score all that apply.  100 year floodplain (1)  Between stream/lake and other human use (1)  Part of wetland/upland (e.g. forest), complex (1)  Part of riparian or upland corridor (1)  uration inundation/saturation. Score one or dbl chec  Semi- to permanently inundated/saturated (4)  Regularly inundated/saturated (3)  Seasonally inundated (2)  Seasonally saturated in upper 30cm (12in) (1)  and average.
		None or none apparent (1) Recovered (7) Recovering (3) Recent or no recovery (1)	ditch tile	point source (nonstormwater) filling/grading road bed/RR track dredging other
12.5	28.5	Metric 4. Habitat A	Iteration and Develor	oment.
max 20 pts.	subtotal	4a. Substrate disturbance. Score of None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) Ab. Habitat development. Select of Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)	nly one and assign score.	
		4c. Habitat alteration. Score one of None or none apparent (9 Recovering (3) Recent or no recovery (1	Check all disturbances observed mowing grazing	shrub/sapling removal herbaceous/aquatic bed removal sedimentation dredging farming
	28.5 ubtotal this	 <sub>Dage</sub> ary 2001 jjm	toxic pollutants	nutrient enrichment

FFO 1- FW

Site: 1784 Chipmond Solar	Rater(s):	College	wl, €   Date: 9   1   21
subtotal first page  Metric 5. Specia	al Wetlands.		
Lake Erie coastal/tr Lake Plain Sand Pr Relict Wet Prairies Known occurrence Significant migrator Category 1 Wetland	atland (5) ributary wetland-unrestributary wetland-restricter rairies (Oak Openings) ( (10) state/federal threatened ry songbird/water fowl h d. See Question 1 Qua	ed hydrol (10) d or enda abitat or litative R	ogy (5) Ingered species (10) usage (10) ating (-10)
Z 30 5 Metric 6. Plant	communities	s, into	erspersion, microtopography.
max 20 pts. subtotal 6a. Wetland Vegetation Com	munities. Veg	getation	Community Cover Scale
Score all present using 0 to 3	scale.	0	Absent or comprises <0.1ha (0.2471 acres) contiguous area
Aquatic bed Emergent	7	1	Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a
Shrub	-		significant part but is of low quality
Forest Mudflats Open water		2	Present and either comprises significant part of wetland's vegetation and is of moderate quality or comprises a small part and is of high quality
Other6b. horizontal (plan view) Inte	erspersion.	3	Present and comprises significant part, or more, of wetland's vegetation and is of high quality
Select only one.	Alex		and the state of the second of
High (5)			escription of Vegetation Quality
Moderately high(4) Moderate (3)	_	low	Low spp diversity and/or predominance of nonnative or disturbance tolerant native species
Moderately low (2) Low (1) None (0) 6c. Coverage of invasive pla to Table 1 ORAM long form for		mod	Native spp are dominant component of the vegetation, although nonnative and/or disturbance tolerant native spp can also be present, and species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp
or deduct points for coverage		high	A predominance of native species, with nonnative spp
Extensive >75% co Moderate 25-75% d	over (-5) cover (-3)	3.1	and/or disturbance tolerant native spp absent or virtually absent, and high spp diversity and often, but not always,
Sparse 5-25% cove			the presence of rare, threatened, or endangered spp
Nearly absent <5%			
Absent (1)	Mu		Open Water Class Quality
6d. Microtopography.	L acala	0	Absent <0.1ha (0.247 acres)
Score all present using 0 to 3	The state of the s	1	Low 0.1 to <1ha (0.247 to 2.47 acres)
Vegetated hummud		2	Moderate 1 to <4ha (2.47 to 9.88 acres)
Coarse woody deb		3	High 4ha (9.88 acres) or more
Standing dead >25 Amphibian breeding			raphy Cover Scale
		0	Absent
	_	1	Present very small amounts or if more common of marginal quality
		2	Present in moderate amounts, but not of highest quality or in small amounts of highest quality
	V	3	Present in moderate or greater amounts and of highest quality

ax 6 pts. subtotal Se  Ax 14 pts. subtotal 2a  2b  2b  2x 30 pts. subtotal 3a	MEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers Intensity of surrounding land use VERY LOW. 2nd growth o	re. ) 20.2ha) (5 pts) ha) (4 pts) e) (3 pts) 20.12ha) (2pts) 20.12ha) (1 pt)  Iffers and surrou  Select only one and assign scomm (164ft) or more around wetland to 25m to <50m (82 to <164ft) are 10m to <25m (32ft to <82ft) average <10m (<32ft) around with the select one or double check are older forest, prairie, savannath, shrub land, young second green.	ore. Do not double check and perimeter (7) ound wetland perimeter around wetland perimete vetland perimeter (0) and average. n, wildlife area, etc. (7)	(4)
ax 14 pts. subtotal 2a 2b 2c 2b 3ax 30 pts. subtotal 3a	>50 acres (>20.2ha) (6 pts 25 to <50 acres (10.1 to <2 10 to <25 acres (4 to <10.1 a) 3 to <10 acres (1.2 to <4ha 0.3 to <3 acres (0.12 to <1.0 to <0.3 acres (0.04 to <0.1 acres (0.04ha) (0 pts)    Calculate average buffer width.   WIDE. Buffers average NARROW. Buffers average NARROW. Buffers average NARROW. Buffers average VERY NARROW. Buffers average NARROW. Buf	) (20.2ha) (5 pts) (20.2ha) (5 pts) (20.2ha) (4 pts) (20.2ha) (2pts) (20.12ha) (1 pt) (20.12ha)	ore. Do not double check and perimeter (7) ound wetland perimeter around wetland perimete vetland perimeter (0) and average. n, wildlife area, etc. (7)	(4)
ax 14 pts. subtotal 2a 2b 2c 2c 2c 2c 3c 3c 3c	Calculate average buffer width.  WIDE. Buffers average 50  MEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers Intensity of surrounding land use VERY LOW. 2nd growth o LOW. Old field (>10 years MODERATELY HIGH. Res	Select only one and assign sco m (164ft) or more around wetla 25m to <50m (82 to <164ft) ar e 10m to <25m (32ft to <82ft) average <10m (<32ft) around v . Select one or double check a r older forest, prairie, savannah ), shrub land, young second gr	ore. Do not double check and perimeter (7) ound wetland perimeter around wetland perimete vetland perimeter (0) and average. n, wildlife area, etc. (7)	(4)
2b 2	WIDE. Buffers average 50 MEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers Intensity of surrounding land use VERY LOW. 2nd growth o LOW. Old field (>10 years MODERATELY HIGH. Res HIGH. Urban, industrial, or	m (164ft) or more around wetlate 25m to <50m (82 to <164ft) are 10m to <25m (32ft to <82ft) average <10m (<32ft) around v. Select one or double check or older forest, prairie, savannate), shrub land, young second green.	and perimeter (7) cound wetland perimeter (around wetland perimete vetland perimeter (0) and average.  n, wildlife area, etc. (7)	(4)
ax 30 pts. subtotal 3a		pen pasture, row cropping, min	conservation tillage, new	/ fallow field. (3)
x 30 pts. subtotal 3a	icalic c. Trydrology		mg, concudent (1)	
	. Sources of Water. Score all that High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surfa Perennial surface water (la Maximum water depth. Select or >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) <0.4m (<15.7in) (1) Modifications to natural hydrolog None or none apparent (12	ce water (3) ke or stream) (5) nly one and assign score. (2)	Part of wetla Part of ripari 3d. Duration inundation Semi- to per Regularly in Seasonally i Seasonally secheck and average.	
5	Recovered (7) Recovering (3) Recent or no recovery (1)	ditch tile dike weir stormwater input	filling/gradin road bed/RF dredging other	
9 20 N	letric 4. Habitat Al	teration and Dev	elopment.	
3 4b	Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1) Habitat alteration. Score one or	y one and assign score.  double check and average.		
	None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)	Check all disturbances observed mowing grazing clearcutting selective cutting woody debris remova	shrub/saplin herbaceous sedimentation dredging	/aquatic bed removal
subtotal this page		toxic pollutants	nutrient enri	chment

PEM I-AX

Site:	TEH	Transca Calar	Rater(s): Cul	welf, E. Wilson	Date: 9/1/21		
SL	ubtotal first pa	Metric 5. Special W	otlands				
0	2.0	Wethic 5. Special W	etianus.				
max 10 pts.	subtotal	Check all that apply and score as indi  Bog (10)  Fen (10)  Old growth forest (10)  Mature forested wetland (5)  Lake Erie coastal/tributary (12)  Lake Erie coastal/tributary (13)  Lake Plain Sand Prairies (10)  Known occurrence state/fer  Significant migratory songb  Category 1 Wetland. See (13)	wetland-unrestricted hy wetland-restricted hydro Dak Openings) (10) deral threatened or end ird/water fowl habitat o Question 1 Qualitative I	ology (5) langered species (10) r usage (10) Rating (-10)			
-1	19	Metric 6. Plant com	munities, in	terspersion, mid	crotopography.		
max 20 pts.	subtotal	6a. Wetland Vegetation Communities	S. Vegetation	Community Cover Scale			
		Score all present using 0 to 3 scale.	0		1ha (0.2471 acres) contiguous area		
		Aquatic bed	1		rises small part of wetland's		
		Emergent			oderate quality, or comprises a		
		Shrub		significant part but is of			
		Forest	2	Present and either compr	rises significant part of wetland's		
		Mudflats		vegetation and is of mo	derate quality or comprises a small		
		Open water		part and is of high quali	ity		
		Other	3		ignificant part, or more, of wetland's		
		6b. horizontal (plan view) Interspersi		vegetation and is of hig			
		Select only one.		Togotation and to or mg	, r quanty		
		High (5)	Narrative I	Narrative Description of Vegetation Quality			
		Moderately high(4)	low		predominance of nonnative or		
		Moderate (3)	1011	disturbance tolerant na			
		Moderately low (2)	mod		component of the vegetation,		
		Low (1)	mod	The second secon	d/or disturbance tolerant native spp		
		None (0)		The state of the s			
					nd species diversity moderate to		
		<ol> <li>Coverage of invasive plants. Re to Table 1 ORAM long form for list. A</li> </ol>		threatened or endanger	enerally w/o presence of rare		
		or deduct points for coverage					
		Extensive >75% cover (-5)	high		e species, with nonnative spp		
					erant native spp absent or virtually		
		Moderate 25-75% cover (-3	5)		liversity and often, but not always,		
	_	Sparse 5-25% cover (-1)		the presence of rare, th	nreatened, or endangered spp		
		I Trouity about it 10 /0 cover (					
		Absent (1)		d Open Water Class Qualit			
		6d. Microtopography.	0	Absent <0.1ha (0.247 ac			
		Score all present using 0 to 3 scale.	1	Low 0.1 to <1ha (0.247 to			
		Vegetated hummucks/tuss		Moderate 1 to <4ha (2.4			
		Coarse woody debris >15c		High 4ha (9.88 acres) or	more		
		Standing dead >25cm (10in	The state of the s				
		Amphibian breeding pools		graphy Cover Scale			
			0	Absent			
			1	Present very small amou	ints or if more common		
				of marginal quality			
			2	Present in moderate amo	ounts, but not of highest		
				quality or in small amou			
	2.		3	Present in moderate or g			
1				and of highest quality	Company of American		

19

7 Z max 6 pts. subtota	>50 acres (>20.2ha) (6 pts	Area (size).		
	Select one size class and assign scc 550 acres (>20.2ha) (6 pts			
max 6 pts. subtoti	>50 acres (>20.2ha) (6 pts			
	25 to <50 acres (10.1 to <) 10 to <25 acres (4 to <10.) 3 to <10 acres (1.2 to <4ha 0.3 to <3 acres (0.12 to <1 0.1 to <0.3 acres (0.04 to < <0.1 acres (0.04ha) (0 pts)	a) 20.2ha) (5 pts) 1ha) (4 pts) a) (3 pts) .2ha) (2pts) 50.12ha) (1 pt)		
6 8	Metric 2. Upland bu	iffers and surrou	ınding land us	e.
max 14 pts. subtote	WIDE. Buffers average 50  WIDE. Buffers average 50  NARROW. Buffers average VERY NARROW. Buffers  VERY LOW. 2nd growth of LOW. Old field (>10 years  MODERATELY HIGH. Re	Im (164ft) or more around wetle 25m to <50m (82 to <164ft) a 1e 10m to <25m (32ft to <82ft) average <10m (<32ft) around	and perimeter (7) round wetland perimeter (4 around wetland perimeter wetland perimeter (0) and average. h, wildlife area, etc. (7) rowth forest. (5) , conservation tillage, new f	(1)
19 27	Metric 3. Hydrology			
max 30 pts. subtota	3a. Sources of Water. Score all that High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surfa Perennial surface water (la 3c. Maximum water depth. Select o >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in	ace water (3) lke or stream) (5) nly one and assign score.	3d. Duration inundation/s Semi- to perm Regularly inur Seasonally inu Seasonally sa	Iplain (1) am/lake and other human use (1) d/upland (e.g. forest), complex (1) n or upland corridor (1) saturation. Score one or dbl check anently inundated/saturated (4) ndated/saturated (3)
	None or none apparent (12 Recovered (7) Recovering (3) Recent or no recovery (1)	ditch tile dike weir stormwater input	point source (in filling/grading road bed/RR to dredging other	nonstormwater) track
14 41	Metric 4. Habitat Al	teration and Dev	elopment.	
max 20 pts. subtota	None or none apparent (4)  Recovered (3)  Recovering (2)  Recent or no recovery (1)  4b. Habitat development. Select on  Excellent (7)  Very good (6)  Good (5)  Moderately good (4)  Fair (3)  Poor to fair (2)  Poor (1)  4c. Habitat alteration. Score one or	ly one and assign score.		
L)	None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)	check all disturbances obs mowing grazing clearcutting selective cutting woody debris remova toxic pollutants	shrub/sapling herbaceous/a sedimentation dredging	quatic bed removal

Site:	784 [	homen's Solar	Rater(s): C. Kun	lele E. Wilson	Date: 8/30/21
	41				
SI	ubtotal first pa		V-41		
0	41	Metric 5. Special V	vetiands.		
max 10 pts.	subtotal	Lake Erie coastal/tributar Lake Plain Sand Prairies Relict Wet Prairies (10) Known occurrence state/ Significant migratory son	(5) y wetland-unrestricted hyd y wetland-restricted hydrol	angered species (10) usage (10)	
6	47	Metric 6. Plant cor	nmunities, int	erspersion, micro	topography.
max 20 pts.	subtotal	J 6a. Wetland Vegetation Communit	ies. Vegetation	Community Cover Scale	
		Score all present using 0 to 3 scale		Absent or comprises <0.1ha (0	.2471 acres) contiguous area
		Aquatic bed Emergent	1-1-	Present and either comprises s vegetation and is of moderate	e quality, or comprises a
		Shrub		significant part but is of low q	
		Forest Mudflats Open water	2	Present and either comprises s vegetation and is of moderate part and is of high quality	e quality or comprises a small
		Other_	3	Present and comprises signification	ant part, or more, of wetland's
		6b. horizontal (plan view) Intersper	rsion.	vegetation and is of high qua	lity
		Select only one.  High (5)		escription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predo	
		Moderate (3)	- mand	disturbance tolerant native sp	
		Moderately low (2) Low (1) None (0) 6c. Coverage of invasive plants. February to Table 1 ORAM long form for list.		Native spp are dominant comp although nonnative and/or dis can also be present, and spe moderately high, but generall threatened or endangered sp	sturbance tolerant native spp cies diversity moderate to ly w/o presence of rare
		or deduct points for coverage	high	A predominance of native spec	
		Extensive >75% cover (- Moderate 25-75% cover Sparse 5-25% cover (-1)	5) (-3)	and/or disturbance tolerant n absent, and high spp diversit the presence of rare, threater	ative spp absent or virtually y and often, but not always,
		Nearly absent <5% cove	r (0)	A State of the Control of the Contro	
		Absent (1)	Mudflat and	d Open Water Class Quality	
		6d. Microtopography.	0	Absent <0.1ha (0.247 acres)	
		Score all present using 0 to 3 scale		Low 0.1 to <1ha (0.247 to 2.47	
		Vegetated hummucks/tu		Moderate 1 to <4ha (2.47 to 9)	.88 acres)
		Coarse woody debris >1		High 4ha (9.88 acres) or more	
		Standing dead >25cm (1 Amphibian breeding poo	ls Microtopog	raphy Cover Scale	
			0	Absent	
			1	Present very small amounts or of marginal quality	
			2	Present in moderate amounts, quality or in small amounts or	
			3	Present in moderate or greater and of highest quality	

Wetland HA

Site: Chipy	munk Solar Rater(s): Ian R. + Helena H. Date: 9/28/21
2 2	Metric 1. Wetland Area (size).
max 6 pts. subtotal	Select one size class and assign score.    >50 acres (>20.2ha) (6 pts)
79	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)   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), shrub land, 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)
15 24	Metric 3. Hydrology.
max 30 pts. subtotal	3a. Sources of Water. Score all that apply.  High pH groundwater (5)  Precipitation (1)  Seasonal/Intermittent surface water (3)  Perennial surface water (lake or stream) (5)  Maximum water depth. Select only one and assign score.    20,4m (<15.7in) (1)  Seasonally inundated (2)  Seasonally saturated in upper 30cm (12in) (1)  Seasonally saturated in upper 30cm (12in) (1)  Seasonally saturated in upper 30cm (12in) (1)
	None or none apparent (12)  Recovered (7) Recovering (3) Recent or no recovery (1)  None or none apparent (12) Check all disturbances observed point source (nonstormwater) filling/grading road bed/RR track weir stormwater input other
\$ 32	Metric 4. Habitat Alteration and Development.
max 20 pts. subtotal	None or none apparent (4)  Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score. Excellent (7) Very good (6) Good (5)
	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) Check all disturbances observed
subtotal this p	Recovered (6) Recovering (3) Recent or no recovery (1) Recent or no re

wetland HA

ite: Chip	mu	nk Solar	Rater	(s): Hel	ena H. + Jan R. Date: 7/	28/=
7						/
13.7	4					
subtotal first	page					
	_	etric 5. Special	Motlan	de		
0 32	IVI	etric 5. Special	vvetian	ius.		
10 pts. subtotal	Che	ck all that apply and score as	indicated.			
		Bog (10)				
		Fen (10)				
		Old growth forest (10)	1/51			
	0	Mature forested wetland Lake Erie coastal/tributa	1	prostricted by	edralogy (10)	
	~	Lake Erie coastal/tributa	The second second			
		Lake Plain Sand Prairies	The state of the s		ology (o)	
		Relict Wet Prairies (10)	a (Our Open	11937 (10)		
		Known occurrence state	federal thre	atened or end	angered species (10)	
		Significant migratory sor				
		Category 1 Wetland. Se	-			
0 01	71 N/				erspersion, microtopograph	v
2 39	1 141	etric o. Flant co	minum	ues, iiii	erspersion, inicrotopograph,	у.
20 pts. subtotal		Maliand Variation Committee			0 4 0 0 1	
zo pis. subioizi	ou.	Wetland Vegetation Communi			Community Cover Scale Absent or comprises <0.1ha (0.2471 acres) contigu	IOUE area
	300	re all present using 0 to 3 scale Aquatic bed	э.	0	Present and either comprises small part of wetland	'e
		I Emergent			vegetation and is of moderate quality, or comprise	es a
	10	Shrub			significant part but is of low quality	
	- 1	Forest		2	Present and either comprises significant part of we	tland's
		Mudflats	**	-	vegetation and is of moderate quality or comprise	
		Open water			part and is of high quality	-21
		Other	_	3	Present and comprises significant part, or more, of	wetland's
	6b.	horizontal (plan view) Intersper	rsion.		vegetation and is of high quality	
	Sele	ect only one.		No market on		
		High (5)			escription of Vegetation Quality	
		Moderately high(4)		low	Low spp diversity and/or predominance of nonnative	e or
		Moderate (3)		- mad	disturbance tolerant native species	
	0	Moderately low (2)		mod	Native spp are dominant component of the vegetati	
	0	Low (1) None (0)			although nonnative and/or disturbance tolerant na can also be present, and species diversity moders	
	60	Coverage of invasive plants. F	Refer		moderately high, but generally w/o presence of ra	
		able 1 ORAM long form for list.			threatened or endangered spp	
	or de	educt points for coverage		high	A predominance of native species, with nonnative s	pp
		Extensive >75% cover (-	5)	0.8	and/or disturbance tolerant native spp absent or v	irtually
		Moderate 25-75% cover			absent, and high spp diversity and often, but not a	lways,
	0	Sparse 5-25% cover (-1)			the presence of rare, threatened, or endangered s	рр
		Nearly absent <5% cover	r (0)	2.23	ALCO THE TOTAL CONTROL OF THE TOTAL CONTROL OT THE TOTAL CONTROL OF THE	
	20	Absent (1)			Open Water Class Quality	
		Microtopography.		0	Absent <0.1ha (0.247 acres)	
	Scor	e all present using 0 to 3 scale		1	Low 0.1 to <1ha (0.247 to 2.47 acres)	
		Vegetated hummucks/tus		3	Moderate 1 to <4ha (2.47 to 9.88 acres)	
		Coarse woody debris >15 Standing dead >25cm (10			High 4ha (9.88 acres) or more	
		Amphibian breeding pool	The state of the s	Microtopoo	raphy Cover Scale	
				0	Absent	-
				1	Present very small amounts or if more common	-
					of marginal quality	
				2	Present in moderate amounts, but not of highest	2.1
					quality or in small amounts of highest quality	
				3	Present in moderate or greater amounts	
					and of highest quality	

Wetland HB

Site: Chi	ornunk Solar Rater(s): Hetena H. + Jan R Date: 9/28/21
00	Metric 1. Wetland Area (size).
max 6 pts. sub	Select one size class and assign score.    Solect one size class and assign score.   Solect one size class and ass
10 10	Metric 2. Upland buffers and surrounding land use.
max 14 pts. sub	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)  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, wildife area, etc. (7)  LOW. Old field (>10 years), shrub land, 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)
G 10	Metric 3. Hydrology.
max 30 pts. subt	3a. Sources of Water. Score all that apply.  High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface water (3) Perennial surface water (lake or stream) (5) 3c. Maximum water depth. Select only one and assign score.  >0.7 (27.6in) (3)  >0.7 (27.6in) (3)  0.4 (15.7 in) (1)  3e. Modifications to natural hydrologic regime. Score one or double check and average.
	None or none apparent (12) Recovered (7) Recovering (3) Recent or no recovery (1) Recovery (1) Recovering (3) Recent or no recovery (1) Recovering (3) Recovering (4) Re
max 20 pts. subt	Metric 4. Habitat Alteration and Development.  4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4)  Recovering (2)  Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.  Excellent (7)  Very good (6)  Good (5)  Moderately good (4)  Pair (3)  Poor to fair (2)  Poor (1)  4c. Habitat alteration. Score one or double check and average.  None or none apparent (9)  Recovered (6)  Recovered (6)  Recovering (3)  Recent or no recovery (1)  Recent or no recovery (1)  Note or none apparent (9)  Recovered (6)  Recovering (3)  Recent or no recovery (1)  Recovering (3)  Recent or no recovery (1)  Note or none apparent (9)  Recovering (3)  Recovering (4)
	Page 2001 lim

Welland HB

Metric 5. Special Wetlan  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 (0ak Openi Relict Wet Prairies (10) Known occurrence state/federal three Significant migratory songbird/water to Category 1 Wetland. See Question 1  Metric 6. Plant communi  6a. Wetland Vegetation Communities. Score all present using 0 to 3 scale.  Aquatic bed Emergent Shrub Forest Mudflats	nrestricted hy estricted hydro ings) (10) atened or end fowl habitat or I Qualitative F ties, int	angered species (10) usage (10)	
Metric 5. Special Wetlan  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 Openi Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water to Category 1 Wetland. See Question 1  Metric 6. Plant communi  6a. Wetland Vegetation Communities. Score all present using 0 to 3 scale.  Aquatic bed Emergent Shrub Forest Mudflats	nrestricted hydroings) (10) atened or end fowl habitat or I Qualitative F ties, int  Vegetation 0	angered species (10) rusage (10) Rating (-10) Rerspersion, microtopography.  Community Cover Scale Absent or comprises <0.1ha (0.2471 acres) contiguous Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality	
Metric 5. Special Wetlan  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 Openi Relict Wet Prairies (10) Known occurrence state/federal three Significant migratory songbird/water to Category 1 Wetland. See Question 1  Metric 6. Plant communi  6a. Wetland Vegetation Communities. Score all present using 0 to 3 scale.  Aquatic bed Emergent Shrub Forest Mudflats	nrestricted hydroings) (10) atened or end fowl habitat or I Qualitative F ties, int  Vegetation 0	angered species (10) rusage (10) Rating (-10) Rerspersion, microtopography.  Community Cover Scale Absent or comprises <0.1ha (0.2471 acres) contiguous Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality	
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 Openi Relict Wet Prairies (10) Known occurrence state/federal three Significant migratory songbird/water to Category 1 Wetland. See Question 1  Metric 6. Plant communi  6a. Wetland Vegetation Communities. Score all present using 0 to 3 scale.  Aquatic bed Emergent Shrub Forest Mudflats	nrestricted hydroings) (10) atened or end fowl habitat or I Qualitative F ties, int  Vegetation 0	angered species (10) rusage (10) Rating (-10) Rerspersion, microtopography.  Community Cover Scale Absent or comprises <0.1ha (0.2471 acres) contiguous Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality	
Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openi Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water of Category 1 Wetland. See Question 1  Metric 6. Plant communi  6a. Wetland Vegetation Communities. Score all present using 0 to 3 scale.  Aquatic bed Emergent Shrub Forest Mudflats	estricted hydrology (10) estened or end fowl habitat or Qualitative Fities, into Vegetation 1	angered species (10) rusage (10) Rating (-10) Rerspersion, microtopography.  Community Cover Scale Absent or comprises <0.1ha (0.2471 acres) contiguous Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality	
Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openi Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water of Category 1 Wetland. See Question 1  Metric 6. Plant communi  6a. Wetland Vegetation Communities. Score all present using 0 to 3 scale.  Aquatic bed Emergent Shrub Forest Mudflats	estricted hydrology (10) estened or end fowl habitat or Qualitative Fities, into Vegetation 1	angered species (10) rusage (10) Rating (-10) Rerspersion, microtopography.  Community Cover Scale Absent or comprises <0.1ha (0.2471 acres) contiguous Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality	
Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openi Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water to Category 1 Wetland. See Question 1  Metric 6. Plant communi  6a. Wetland Vegetation Communities. Score all present using 0 to 3 scale.  Aquatic bed Emergent Shrub Forest Mudflats	estricted hydrology (10) estened or end fowl habitat or Qualitative Fities, into Vegetation 1	angered species (10) rusage (10) Rating (-10) Rerspersion, microtopography.  Community Cover Scale Absent or comprises <0.1ha (0.2471 acres) contiguous Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality	
Mature forested wetland (5) Lake Erie coastal/tributary wetland-un Lake Plain Sand Prairies (Oak Opening Relict Wet Prairies (10) Known occurrence state/federal three Significant migratory songbird/water of Category 1 Wetland. See Question 1  Metric 6. Plant communications  6a. Wetland Vegetation Communities. Score all present using 0 to 3 scale.  Aquatic bed Emergent Shrub Forest Mudflats	estricted hydrology (10) estened or end fowl habitat or Qualitative Fities, into Vegetation 1	angered species (10) rusage (10) Rating (-10) Rerspersion, microtopography.  Community Cover Scale Absent or comprises <0.1ha (0.2471 acres) contiguous Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality	
Lake Erie coastal/tributary wetland-un Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Opening Relict Wet Prairies (10)  Known occurrence state/federal threat Significant migratory songbird/water in Category 1 Wetland. See Question 1  Metric 6. Plant communities.  Score all present using 0 to 3 scale.  Aquatic bed  Emergent  Shrub Forest Mudflats	estricted hydrology (10) estened or end fowl habitat or Qualitative Fities, into Vegetation 1	angered species (10) rusage (10) Rating (-10) Rerspersion, microtopography.  Community Cover Scale Absent or comprises <0.1ha (0.2471 acres) contiguous Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality	
Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openi Relict Wet Prairies (10) Known occurrence state/federal three Significant migratory songbird/water is Category 1 Wetland. See Question 1  Metric 6. Plant communi  6a. Wetland Vegetation Communities. Score all present using 0 to 3 scale.  Aquatic bed Emergent Shrub Forest Mudflats	estricted hydrology (10) estened or end fowl habitat or Qualitative Fities, into Vegetation 1	angered species (10) rusage (10) Rating (-10) Rerspersion, microtopography.  Community Cover Scale Absent or comprises <0.1ha (0.2471 acres) contiguous Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality	
Lake Plain Sand Prairies (Oak Openi Relict Wet Prairies (10)  Known occurrence state/federal threa Significant migratory songbird/water in Category 1 Wetland. See Question 1  Metric 6. Plant communi  6a. Wetland Vegetation Communities.  Score all present using 0 to 3 scale.  Aquatic bed Emergent Shrub Forest Mudflats	ings) (10) atened or end fowl habitat or Qualitative F ties, int  Vegetation 0	angered species (10) rusage (10) Rating (-10) Rerspersion, microtopography.  Community Cover Scale Absent or comprises <0.1ha (0.2471 acres) contiguous Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality	
Known occurrence state/federal three Significant migratory songbird/water of Category 1 Wetland. See Question 1  Metric 6. Plant communities.  Score all present using 0 to 3 scale.  Aquatic bed I Emergent Shrub Forest Mudflats	fowl habitat of Qualitative Fices, int	Community Cover Scale  Absent or comprises <0.1ha (0.2471 acres) contiguous  Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality	
Significant migratory songbird/water of Category 1 Wetland. See Question 1  Metric 6. Plant communi  6a. Wetland Vegetation Communities.  Score all present using 0 to 3 scale.  Aquatic bed  Emergent  Shrub Forest Mudflats	fowl habitat of Qualitative Fices, int	Community Cover Scale  Absent or comprises <0.1ha (0.2471 acres) contiguous  Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality	
Category 1 Wetland. See Question 1  Metric 6. Plant communi  6a. Wetland Vegetation Communities.  Score all present using 0 to 3 scale.  Aquatic bed  Emergent  Shrub Forest Mudflats	Qualitative F ties, int Vegetation 0 1	Community Cover Scale  Absent or comprises <0.1ha (0.2471 acres) contiguous  Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality	
Metric 6. Plant communi  6a. Wetland Vegetation Communities.  Score all present using 0 to 3 scale.  Aquatic bed  Emergent  Shrub Forest Mudflats	Vegetation 0 1	Community Cover Scale  Absent or comprises <0.1ha (0.2471 acres) contiguous  Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality	
6a. Wetland Vegetation Communities.  Score all present using 0 to 3 scale.  Aquatic bed Emergent Shrub Forest Mudflats	Vegetation 0 1	Community Cover Scale  Absent or comprises <0.1ha (0.2471 acres) contiguous  Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality	
Score all present using 0 to 3 scale.  Aquatic bed Emergent Shrub Forest Mudflats	0	Absent or comprises <0.1ha (0.2471 acres) contiguous  Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality	
Aquatic bed    Emergent   Shrub   Forest   Mudflats	15	Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality	
Emergent   Shrub   Forest   Mudflats	2	vegetation and is of moderate quality, or comprises a significant part but is of low quality	i.
Shrub Forest Mudflats	2	significant part but is of low quality	
Mudflats	2		
			d's
		vegetation and is of moderate quality or comprises a	sma
Open water Other	- 3	part and is of high quality  Present and comprises significant part, or more, of wetletone part and comprises significant part, or more, of wetletone part and comprises significant part, or more, of wetletone part and comprises significant part and comprise	(
6b. horizontal (plan view) Interspersion.		vegetation and is of high quality	iano
Select only one.	J		
High (5) Moderately high(4)		escription of Vegetation Quality	
Moderate (3)	low	Low spp diversity and/or predominance of nonnative or disturbance tolerant native species	
Moderately low (2)	mod	Native spp are dominant component of the vegetation,	-
O   Low (1)		although nonnative and/or disturbance tolerant native	spp
None (0)  6c. Coverage of Invasive plants. Refer		can also be present, and species diversity moderate t	to
to Table 1 ORAM long form for list. Add		moderately high, but generally w/o presence of rare threatened or endangered spp	
or deduct points for coverage	high	A predominance of native species, with nonnative spp	-
Extensive >75% cover (-5)		and/or disturbance tolerant native spp absent or virtual	ally
Moderate 25-75% cover (-3) Sparse-5-25% cover (-1)		absent, and high spp diversity and often, but not alway	ays,
Nearly absent <5% cover (0)		the presence of rare, threatened, or endangered spp	
Absent (1)	Mudflat and	Open Water Class Quality	
6d. Microtopography.	0	Absent <0.1ha (0.247 acres)	
Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks	1 2	Low 0.1 to <1ha (0.247 to 2.47 acres)	
Coarse woody debris >15cm (6in)	3	Moderate 1 to <4ha (2.47 to 9.88 acres) High 4ha (9.88 acres) or more	
Standing dead >25cm (10in) dbh	T	The State of the S	
Amphibian breeding pools		raphy Cover Scale	
	0	Absent	
	1)	Present very small amounts or if more common of marginal quality	
	2	Present in moderate amounts, but not of highest	
		quality or in small amounts of highest quality	1
2	3	Present in moderate or greater amounts and of highest quality	

Site: (nigmunk Solar Rater(s): I,R, + H, H, Date: 9/28/21
Metric 1. Wetland Area (size).
Select one size class and assign score.   Solect one size class and assign score.   >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)   0.3 to <3 acres (0.12 to <1.2ha) (2pts)   0.1 to <0.3 acres (0.04 to <0.12ha) (1 pt)   <0.1 acres (0.04ha) (0 pts)
Hetric 2. Upland buffers and surrounding land use.
with the subtotal 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)  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), shrub land, 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)
8 15 Metric 3. Hydrology.
max 30 pts.  3a. Sources of Water. Score all that apply.  High pH groundwater (5)  Other groundwater (3)  Precipitation (1)  Seasonal/Intermittent surface water (3)  Perennial surface water (lake or stream) (5)  3c. Maximum water depth. Select only one and assign score.  >0.7 (27.6in) (3)  0.4 to 0.7m (15.7 to 27.6in) (2)
None or none apparent (12)  Recovered (7)  Recovering (3)  Recent or no recovery (1)  None or none apparent (12)  Check all disturbances observed  ditch  filling/grading  road bed/RR track  weir  stormwater input  other
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)  Recovering (2)  Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.  Excellent (7)  Very good (6)  Good (5)  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) Recovering (3) Recent or no recovery (1)  Subtotal this page  None or none apparent (9) Recovering (3) Recent or no recovery (1)  Subtotal this page  None or none apparent (9) Recovering (3) Recent or no recovery (1)  Subtotal this page  None or none apparent (9) Recovering (3) Recovering (3) Recent or no recovery (1)  Subtotal this page  None or none apparent (9) Recovering (3) Recovering (4) Rec

ORAM v. 5.0 Field Form Quantitative Rating Rater(s):工人 hlomunk Date: Metric 5. Special Wetlands. 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-unrestricted hydrology (10) Lake Erie coastal/tributary wetland-restricted hydrology (5) Lake Plain Sand Prairies (Oak Openings) (10) Relict Wet Prairies (10) Known occurrence state/federal threatened or endangered species (10) Significant migratory songbird/water fowl habitat or usage (10) Category 1 Wetland. See Question 1 Qualitative Rating (-10) Metric 6. Plant communities, interspersion, microtopography. 3 6a. Wetland Vegetation Communities. Vegetation Community Cover Scale Score all present using 0 to 3 scale. 0 Absent or comprises <0.1ha (0.2471 acres) contiguous area Aquatic bed Present and either comprises small part of wetland's Emergent vegetation and is of moderate quality, or comprises a Shrub significant part but is of low quality Forest 2 Present and either comprises significant part of wetland's Mudflats vegetation and is of moderate quality or comprises a small Open water part and is of high quality Present and comprises significant part, or more, of wetland's Other 3 6b. horizontal (plan view) interspersion. vegetation and is of high quality Select only one. High (5) Narrative Description of Vegetation Quality Moderately high(4) Low spp diversity and/or predominance of nonnative or 3 Moderate (3) disturbance tolerant native species Moderately low (2) mod Native spp are dominant component of the vegetation, although nonnative and/or disturbance tolerant native spp Low (1) None (0) can also be present, and species diversity moderate to 6c. Coverage of invasive plants. Refer moderately high, but generally w/o presence of rare to Table 1 ORAM long form for list. Add threatened or endangered spp or deduct points for coverage .. high A predominance of native species, with nonnative spp Extensive >75% cover (-5) and/or disturbance tolerant native spp absent or virtually Phalacts arundivacea Moderate 25-75% cover (-3) absent, and high spp diversity and often, but not always, the presence of rare, threatened, or endangered spp Sparse 5-25% cover (-1) Nearly absent <5% cover (0) Absent (1) Mudflat and Open Water Class Quality Absent <0.1ha (0.247 acres) 6d. Microtopography. 0 Score all present using 0 to 3 scale. Low 0.1 to <1ha (0.247 to 2.47 acres) Vegetated hummucks/tussucks 2 Moderate 1 to <4ha (2.47 to 9.88 acres) Coarse woody debris >15cm (6in) 3 High 4ha (9.88 acres) or more Standing dead >25cm (10in) dbh Amphibian breeding pools Microtopography Cover Scale 0 Absent Present very small amounts or if more common of marginal quality

End of Quantitative Rating. Complete Categorization Worksheets.

2

Present in moderate amounts, but not of highest quality or in small amounts of highest quality Present in moderate or greater amounts

and of highest quality

Wetland HD

ORAM v. 5.0 Field Form Quantitative Rating

Site:	Weyand HD	Rater(s): 12	Man.	Date: 1/13/22
1	Metric 1. Wetl	and Area (size).		
max 6 pts.	>50 acres (>20.2 25 to <50 acres (	tha) (6 pts) (10.1 to <20.2ha) (5 pts)		
	3 to <10 acres (1 0.3 to <3 acres (1	4 to <10.1ha) (4 pts) .2 to <4ha) (3 pts) 0.12 to <1.2ha) (2pts) (0.04 to <0.12ha) (1 pt)		
-1		nd buffers and sur	rounding land	d use.
max 14 pts	WIDE, Buffers a MEDIUM, Buffer NARROW, Buffer VERY NARROW 2b. Intensity of surrounding VERY LOW. 2nd LOW. Old field ( MODERATELY I	er width. Select only one and assiverage 50m (164ft) or more aroung a average 25m to <50m (82 to <16 ers average 10m to <25m (32ft to 5.6 Ers average 10m (<32ft) arg land use. Select one or double of growth or older forest, prairie, sat >10 years), shrub land, young secont of the second of the s	d wetland perimeter (7) 64ft) around wetland perin <82ft) around wetland per round wetland per round wetland per round wetland perimeter (6 check and average. vannah, wildlife area, etc. ond growth forest. (5) park, conservation tillage.	neter (4) imeter (1) 0) (7) e, new fallow field. (3)
8	Metric 3. Hydr	dustrial, open pasture, row cropping ology.	ig, mining, construction. (1	).
max 30 pts.	subtotal 3a, Sources of Water. Sci High pH groundwat Other groundwat Precipitation (1) Seasonal/Interm Perennial surfact 3c. Maximum water depth.  >0.7 (27.6in) (3) 0.4 to 0.7m (15.7)  -0.4m (<15.7in)	vater (5) er (3)  ittent surface water (3) e water (lake or stream) (5) . Select only one and assign score to 27.6in) (2)	100 ye Betwee Part of Part of 3d. Duration inun Semi-t Regula Seasor Seasor	Score all that apply. ar floodplain (1) an stream/lake and other human use (1) wetland/upland (e.g. forest), complex (1) riparian or upland corridor (1) dation/saturation. Score one or dbl check o permanently inundated/saturated (4) rly inundated/saturated (3) hally inundated (2) hally saturated in upper 30cm (12in) (1)
	None or none ap Becovered (7) Recovering (3) Recent or no rec	parent (12) Check all disturbance ditch tile dike weir stormwater inpu	pojnt so filling/g road be dredgir	ed/RR track
1,	Metric 4. Habi	tat Alteration and		
max 20 pts.	None or none ap Recovered (3) Recovering (2) Recent or no rece 4b. Habitat development. Excellent (7) Very good (6) Good (5) Moderately good Fair (3) Poor to fair (2) Poor (1)	overy (1) Select only one and assign score.		
0	None or none app Recovered (6) Recovering (3) Recent or no reco	overy (1)  Check all disturbance mowing grazing clearcutting selective cutting woody debris re	s observed  shrub/s herbac Sedime dredgir emoval	ng D
	subtotal this page	toxic pollutants	nutrien	t enrichment

Site:	Westand	40	Rater(s):	16. A	1794!	Date: //12/23
Ċ	Unblotal first page  Met	tric 5. Special	Wetlands.			
nax 10 pts.	subtotal Check	all that apply and score as	indicated			
	Cileck	Bog (10) Fen (10) Old growth forest (10) Mature forested wetland Lake Erie coastal/tribut Lake Erie coastal/tribut Lake Plain Sand Prairie Relict Wet Prairies (10) Known occurrence stat Significant migratory so	d (5) ary wetland-unrestricte ary wetland-restricte as (Oak Openings) ( e/federal threatened angbird/water fowl ha	d hydro 10) or enda abitat or	angered species (10) usage (10)	
		Category 1 Wetland. S				
12	14			, int	erspersion, microt	opography.
max 20 pts.	subtotal 6a. W	etland Vegetation Commun	nities. Veg		Community Cover Scale	
	Score	all present using 0 to 3 sca Aquatic bed	le	1	Absent or comprises <0.1ha (0.2) Present and either comprises sn	
	-	Emergent		1	vegetation and is of moderate	
	11	Shrub			significant part but is of low qu	
	M/E	Forest	-	2	Present and either comprises sig	
	1	Mudflats			vegetation and is of moderate	quality or comprises a small
		Open water Other	_	3	part and is of high quality  Present and comprises signification	nt nart or more of wetland's
	6b. hc	prizontal (plan view) Intersp	ersion.	J	vegetation and is of high qualit	
	Select	only one.	3.93.4	1900		
		High (5)	Narr	_	escription of Vegetation Quality	
	-	Moderately high(4) Moderate (3)		low	Low spp diversity and/or predom disturbance tolerant native spe	
	4 5	Moderately low (2)	_	mod	Native spp are dominant compo	
	6c. C	Low (1) None (0) overage of invasive plants.	Refer		although nonnative and/or dist can also be present, and spec moderately high, but generally	urbance tolerant native spp ies diversity moderate to
	to Tab	le 1 ORAM long form for lis	st. Add		threatened or endangered spp	
	or ded	uct points for coverage Extensive >75% cover Moderate 25-75% cover Sparse 5-25% cover (-'	(-5) er (-3)	high	A predominance of native speci- and/or disturbance tolerant na absent, and high spp diversity the presence of rare, threaten	tive spp absent or virtually and often, but not always,
	F	Nearly absent <5% cov Absent (1)	ver (0)	Iflat and	Open Water Class Quality	eo, or endangered spp
	6d. M	icrotopography.		0	Absent <0.1ha (0.247 acres)	
		all present using 0 to 3 sca	le.	1	Low 0.1 to <1ha (0.247 to 2.47 a	acres)
		Vegetated hummucks/t	A TOWNSON TO STATE OF THE PARTY	2	Moderate 1 to <4ha (2.47 to 9.8	88 acres)
	1	Coarse woody debris >	The state of the s	3	High 4ha (9.88 acres) or more	
	-	Standing dead >25cm ( Amphibian breeding po		rotonor	raphy Cover Scale	
		Muhiman preeding bo	OIS MILE	0	Absent	
	00		-	1	Present very small amounts or i of marginal quality	f more common
				2	Present in moderate amounts, to quality or in small amounts of	highest quality
				3	Present in moderate or greater and of highest quality	amounts

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in

Case No(s). 21-0960-EL-BGN

Summary: Application Exhibit Q (Ecological Assessment, 6 of 10) electronically filed by Mr. Michael J. Settineri on behalf of Chipmunk Solar LLC