Site: WOH-213		Rater(s): BRH & KGH			<b>Date:</b> April 12, 2017
	21		- , -		
su	btotal first pa	<b>]</b> ge			
-10	11	Metric 5. Special Wetland	ds.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-ur Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openii Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water f Category 1 Wetland. See Question 1	stricted hydrolo ngs) (10) atened or endal fowl habitat or u Qualitative Ra	ogy (5) ngered species (10) usage (10) ating (-10)	
-4	7	Metric 6. Plant communi		-	pography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.		Community Cover Scale	
		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.24	
		Aquatic bed  1 Emergent	ı	Present and either comprises small vegetation and is of moderate quality	
		Shrub		significant part but is of low qual	
		Forest	2	Present and either comprises sign	•
		Mudflats		vegetation and is of moderate qu	
		Open water		part and is of high quality	
		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 De	scription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predomir	nance of nonnative or
		Moderate (3)		disturbance tolerant native spec	
		Moderately low (2)	mod	Native spp are dominant compone	ent of the vegetation,
		Low (1)		although nonnative and/or distu	
		✓ None (0)		can also be present, and specie	•
		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	
		✓ Extensive >75% cover (-5)		and/or disturbance tolerant nativ	
		Moderate 25-75% cover (-3)		absent, and high spp diversity a	, , ,
		Sparse 5-25% cover (-1)		the presence of rare, threatened	i, or endangered spp
		Nearly absent <5% cover (0) 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.	1	Low 0.1 to <1ha (0.247 to 2.47 ac	res)
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	
		Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		Standing dead >25cm (10in) dbh		,	
		Amphibian breeding pools	Microtopogr	aphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if n of marginal quality	
			2	Present in moderate amounts, but	•
				quality or in small amounts of hi	
			3	Present in moderate or greater an	IOUNIS
_				and of highest quality	

Site: WOH-214	F	Rater(s): BRH & KGH	<b>Date:</b> April 13, 2017
1 1	Metric 1. Wetland Are	ea (size).	
max 6 pts. subtotal	Select one size class and assign score.    >50 acres (>20.2ha) (6 pts)	) (4 pts) 3 pts) a) (2pts)	
11 12	Metric 2. Upland buff	ers and surrounding land use.	
max 14 pts. subtotal	<ul> <li>WIDE. Buffers average 50m MEDIUM. Buffers average 25m NARROW. Buffers average 1</li> <li>VERY NARROW. Buffers average 1</li> <li>VERY LOW. 2nd growth or out on the component of the componen</li></ul>	ect only one and assign score. Do not double check. (164ft) or more around wetland perimeter (7) for to <50m (82 to <164ft) around wetland perimeter (4) 0m to <25m (32ft to <82ft) around wetland perimeter (1) erage <10m (<32ft) around wetland perimeter (0) Select one or double check and average. Ider forest, prairie, savannah, wildlife area, etc. (7) hrub land, young second growth forest. (5) ential, fenced pasture, park, conservation tillage, new faller pasture, row cropping, mining, construction. (1)	ow field. (3)
18 30	Metric 3. Hydrology.		
max 30 pts. subtotal	[F	water (3) or stream) (5) one and assign score.  100 year floodpla Between stream/  Part of wetland/u Part of riparian o Duration inundation/sat Semi- to perman Regularly inunda Seasonally inunda	ain (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)
17 47	Metric 4. Habitat Alte	eration and Development.	
max 20 pts. subtotal	4a. Substrate disturbance. Score one of None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only of 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	Check all disturbances observed mowing shrub/sapling rer grazing herbaceous/aqua clearcutting sedimentation	
subtotal this pa	·	selective cutting   dredging   woody debris removal   farming   toxic pollutants   nutrient enrichment	ent

Site: WOH-214		Rater(s): BRH & KGH			<b>Date:</b> April 13, 2017
	47 btotal first pa	ge			
0	47	Metric 5. Special Wetland	ds.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-ur Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openii Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water f Category 1 Wetland. See Question 1	estricted hydrol ngs) (10) atened or enda owl habitat or	ogy (5) Ingered species (10) usage (10)	
0	47	Metric 6. Plant communi	ties, inte	erspersion, microto	pography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation (	Community Cover Scale	
		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.24	71 acres) contiguous area
		Aquatic bed  Emergent Shrub	1	Present and either comprises sma vegetation and is of moderate q significant part but is of low qual	uality, or comprises a
		0 Forest	2	Present and either comprises sign	-
		Mudflats Open water	2	vegetation and is of moderate q part and is of high quality	
		Other	3	Present and comprises significant	part, or more, of wetland's
		6b. horizontal (plan view) Interspersion.	-	vegetation and is of high quality	p,
		Select only one.		regetation and to or riight quality	
		High (5)	Narrative De	escription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predomin	nance of nonnative or
		Moderate (3)	10**	disturbance tolerant native spec	
		Moderately low (2)	mod	Native spp are dominant compone	
		✓ Low (1)	mod	although nonnative and/or distu	
		None (0)		can also be present, and specie	
		6c. Coverage of invasive plants. Refer		moderately high, but generally v	•
		to Table 1 ORAM long form for list. Add		threatened or endangered spp	no processes of fair
		or deduct points for coverage	high	A predominance of native species	with nonnative spp
		Extensive >75% cover (-5)	9	and/or disturbance tolerant nativ	
		Moderate 25-75% cover (-3)		absent, and high spp diversity a	• • • • • • • • • • • • • • • • • • • •
		✓ Sparse 5-25% cover (-1)		the presence of rare, threatened	
		Nearly absent <5% cover (0)		,	3
		Absent (1)	Mudflat and	Open Water Class Quality	
		6d. Microtopography.	0	Absent <0.1ha (0.247 acres)	<del></del>
		Score all present using 0 to 3 scale.	1	Low 0.1 to <1ha (0.247 to 2.47 ac	res)
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	
		Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	<del></del>
		Standing dead >25cm (10in) dbh			
		Amphibian breeding pools	Microtopog	raphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if r of marginal quality	
			2	Present in moderate amounts, but quality or in small amounts of hi	_
			3	Present in moderate or greater an	nounts
				and of highest quality	

Site: WOH-2	15	Rater(s): BRH & KGH	<b>Date:</b> April 13, 2017
0 0	Metric 1. Wetland	Area (size).	
max 6 pts. subtot	Select one size class and assign sca >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 0.3 to <3 acres (0.12 to < 0.1 to <0.3 acres (0.04 to	s) 20.2ha) (5 pts) .1ha) (4 pts) :a) (3 pts) 1.2ha) (2pts) <0.12ha) (1 pt)	
4 4	Metric 2. Upland bu	uffers and surrounding land use.	
max 14 pts. subtot	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 not double check. 0m (164ft) or more around wetland perimeter (7) e 25m to <50m (82 to <164ft) around wetland perimeter (4) ge 10m to <25m (32ft to <82ft) around wetland perimeter (1) average <10m (<32ft) around wetland perimeter (0) e. Select one or double check and average. or older forest, prairie, savannah, wildlife area, etc. (7) s), shrub land, young second growth forest. (5) esidential, fenced pasture, park, conservation tillage, new falled pen pasture, row cropping, mining, construction. (1)	
16 20	Motric 2 Hydrology		
max 30 pts. subtot	High pH groundwater (5) Other groundwater (3)  Precipitation (1) Seasonal/Intermittent surf Perennial surface water (I  3c. Maximum water depth. Select (2) >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6ir)  <0.4m (<15.7in) (1)	100 year floodpla   Between stream/   Part of wetland/u   Part of riparian o   Semi- to perman   Regularly inunda   Seasonally inunda   Seasonally satur   Seasonally satur   Seasonally satur   Part of wetland/u   Semi- to perman   Part of wetland/u   Part of wetland/u   Part of wetland/u   Semi- to perman   Part of riparian o   Part of wetland/u   Part of riparian o   Part of wetland/u   Part of wetland/u   Part of wetland/u   Part of wetland/u   Part of riparian o	ain (1) //lake and other human use (1) // upland (e.g. forest), complex (1) // upland corridor (1) // upland corr
16 36	Metric 4. Habitat A	stormwater input other Iteration and Development.	
max 20 pts. subtot	4a. Substrate disturbance. Score o  None or none apparent (4  Recovered (3)  Recovering (2)  Recent or no recovery (1)  4b. Habitat development. Select or  Excellent (7)  Very good (6)  Good (5)  Moderately good (4)  Fair (3)  Poor to fair (2)	ne or double check and average.	
	Poor (1)  4c. Habitat alteration. Score one or  ✓ None or none apparent (9  Recovered (6)  Recovering (3)  Recent or no recovery (1)	Check all disturbances observed mowing shrub/sapling rer grazing herbaceous/aqua clearcutting sedimentation	
36		selective cutting dredging woody debris removal farming toxic pollutants nutrient enrichment	ent
last revised 1 Febr	ruary 2001 jjm		

Site: WOH-215		Rater(	s): BRH &	<b>Date:</b> April 13, 2017	
subto	36				
0	36	Metric 5. Special Wetlan	ds.		
max 10 pts. s	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-re 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 Category 1 Wetland. See Question	estricted hydro ings) (10) atened or enda fowl habitat or 1 Qualitative R	angered species (10) usage (10) ating (-10)	
1	37	Metric 6. Plant communi 		-	ography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.247)	· -
		Aquatic bed	1	Present and either comprises small	
		0 Emergent		vegetation and is of moderate qua	ality, or comprises a
		Shrub		significant part but is of low quality	
		0 Forest	2	Present and either comprises signifi	
		Mudflats		vegetation and is of moderate qua	ality or comprises a small
		Open water		part and is of high quality	
		Other	3	Present and comprises significant p	art, or more, of wetland's
		6b. horizontal (plan view) Interspersion.		vegetation and is of high quality	,
		Select only one.		rogotation and to or might quality	
		High (5)	Narrative D	escription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predomina	nce of poppative or
			IOW	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
		Moderate (3)		disturbance tolerant native specie	
		Moderately low (2)	mod	Native spp are dominant componen	
		✓ Low (1)		although nonnative and/or disturb	
		None (0)		can also be present, and species	•
		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,	
		Extensive >75% cover (-5)		and/or disturbance tolerant native	spp absent or virtually
		Moderate 25-75% cover (-3)		absent, and high spp diversity and	d often, but not always,
		Sparse 5-25% cover (-1)		the presence of rare, threatened,	or endangered spp
		✓ Nearly absent <5% cover (0)			
		Absent (1)	Mudflat and	l Open Water Class Quality	
		6d. Microtopography.	0	Absent <0.1ha (0.247 acres)	<del></del>
		Score all present using 0 to 3 scale.	1	Low 0.1 to <1ha (0.247 to 2.47 acre	<u>s)</u>
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88 a	cres)
		Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		Standing dead >25cm (10in) dbh			
		Amphibian breeding pools	Microtopog	raphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if mo	ore common
			2	Present in moderate amounts, but r quality or in small amounts of high	•
			3	Present in moderate or greater amo	
			3	and of highest quality	d0
I				and or inglicor quality	

Site: W	OH-216	Rater(s): BRH & KGH	<b>Date:</b> April 13, 2017
0	0	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)	
5	5	Metric 2. Upland buffers and surrounding land	l use.
max 14 pts.	subtotal	2a. Calculate average buffer width. Select only one and assign score. Do not double of WIDE. Buffers average 50m (164ft) or more around wetland perimeter (7)  MEDIUM. Buffers average 25m to <50m (82 to <164ft) around wetland perimeter (7)  NARROW. Buffers average 10m to <25m (32ft to <82ft) around wetland perimeter (80 to <100 to <1	neter (4) imeter (1) i) (7) e, new fallow field. (3)
13	18	Metric 3. Hydrology.	•
max 30 pts.	subtotal	High pH groundwater (5)  Other groundwater (3)  Precipitation (1)  Seasonal/Intermittent surface water (3)  Perennial surface water (lake or stream) (5)  3d. Duration inun  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) <ul> <li>&lt; 0.4m (&lt;15.7in) (1)</li> <li>&lt; Season</li> </ul> 3e. Modifications to natural hydrologic regime. Score one or double check and average of title average of title filling/g  None or none apparent (12)  Recovered (7)  Recovering (3)  100 yea  Betwee  Part of  Part of	ource (nonstormwater) rading
		Recent or no recovery (1)   dike   road be weir   dredgir   stormwater input   other_	ed/RR track ng
8	26	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) Check all disturbances observed	
su last revised	26  btotal this pa 1 Februa	Recovered (6) Recovering (3) Recent or no recovery (1)  Selective cutting Woody debris removal toxic pollutants  Inutrien	

Site: WOH-216		Rater(s): BRH & KGH			<b>Date:</b> April 13, 2017
sul	26 btotal first pa	•			
0	26	Metric 5. Special Wetland	ds.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-ur Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openii Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water f Category 1 Wetland. See Question 1	estricted hydrol ngs) (10) atened or enda fowl habitat or Qualitative Ra	ingered species (10) usage (10) ating (-10)	
1	27	Metric 6. Plant communi	ties, into	erspersion, microto	pography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation (	Community Cover Scale	
		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.24	
		Aquatic bed  Emergent Shrub	1	Present and either comprises sma vegetation and is of moderate q significant part but is of low qual	uality, or comprises a
		Forest	2	Present and either comprises sign	-
		Mudflats	_	vegetation and is of moderate q	
		Open water		part and is of high quality	dailty of comprises a small
		Other	3	Present and comprises significant	nort or more of wotland's
			3		part, or more, or wetland's
		6b. horizontal (plan view) Interspersion.		vegetation and is of high quality	
		Select only one.	Normative D	acceptation of Variation Quality	
		High (5)		escription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predomir	
		Moderate (3)		disturbance tolerant native spec	
		Moderately low (2)	mod	Native spp are dominant compone	=
		✓ Low (1)		although nonnative and/or distu	
		None (0)		can also be present, and specie	•
		6c. Coverage of invasive plants. Refer		moderately high, but generally v	v/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	
		Extensive >75% cover (-5)		and/or disturbance tolerant nativ	• •
		Moderate 25-75% cover (-3)		absent, and high spp diversity a	
		Sparse 5-25% cover (-1)		the presence of rare, threatened	l, or endangered spp
		✓ Nearly absent <5% cover (0)			
		Absent (1)		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 ac	
		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	Mionetone	wanhii Cayar Saal-	
		Amphibian breeding pools		raphy Cover Scale	
			0	Absent	<del></del>
			1	Present very small amounts or if r	nore common
				of marginal quality	to a de ad bish cont
			2	Present in moderate amounts, but quality or in small amounts of hi	ghest quality
			3	Present in moderate or greater an	nounts
				and of highest quality	

Site: WOH-217		Rater(s): BRH & KGH	<b>Date:</b> April 13, 2017
0 0	Metric 1. Wetland A	area (size).	
max 6 pts. subtotal	Select one size class and assign sco	) 20.2ha) (5 pts) Iha) (4 pts) a) (3 pts) .2ha) (2pts) :0.12ha) (1 pt)	
5 5	Metric 2. Upland bu	iffers and surrounding land use.	
max 14 pts. subtotal	WIDE. Buffers average 50 MEDIUM. Buffers average VARROW. 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 double check. Im (164ft) or more around wetland perimeter (7) a 25m to <50m (82 to <164ft) around wetland perimeter (4) to 10m to <25m (32ft to <82ft) around wetland perimeter (1) average <10m (<32ft) around wetland perimeter (0) as Select one or double check and average. In older forest, prairie, savannah, wildlife area, etc. (7) shrub land, young second growth forest. (5) sidential, fenced pasture, park, conservation tillage, new fall pen pasture, row cropping, mining, construction. (1)	
13 18	Metric 3. Hydrology		
max 30 pts. subtotal	None or none apparent (12 Recovered (7) Recovering (3)	100 year floodpla Between stream  Part of wetland/u Part of riparian of ripari	ain (1) //lake and other human use (1) upland (e.g. forest), complex (1) or upland corridor (1) turation. Score one or dbl check nently inundated/saturated (4) ated/saturated (3) dated (2) rated in upper 30cm (12in) (1)
	Recent or no recovery (1)	dike road bed/RR trade dredging stormwater input other	CK
7 25	Metric 4. Habitat Al	teration and Development.	_
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		
25 subtotal this pa	•	mowing shrub/sapling rel	atic bed removal

Site: W	OH-217	R	ater(s): BRH & F	KGH	<b>Date:</b> April 13, 2017
<u> </u>					<b>24.01</b> 1 pm 10, 2011
	25				
	25				
su	btotal first pa	i	_		
0	25	Metric 5. Special We	tlands.		
max 10 pts.	subtotal	Check all that apply and score as indica	ated.		
		Bog (10) Fen (10)			
		Old growth forest (10)			
		Mature forested wetland (5)			
		Lake Erie coastal/tributary we			
		Lake Erie coastal/tributary we Lake Plain Sand Prairies (Oa	•	ogy (5)	
		Relict Wet Prairies (10)	ik Oponingo) (10)		
		Known occurrence state/fede		9 ,	
		Significant migratory songbire			
		Category 1 Wetland. See Qu			
1	26	Metric 6. Plant comr	nunities, inte	erspersion, microto	pography.
		]			
max 20 pts.	subtotal	6a. Wetland Vegetation Communities. Score all present using 0 to 3 scale.	Vegetation 0	Community Cover Scale  Absent or comprises < 0.1ha (0.24)	71 acros) contiguous area
		Aquatic bed	1	Absent or comprises <0.1ha (0.24) Present and either comprises small	
		0 Emergent		vegetation and is of moderate q	
		Shrub		significant part but is of low qua	
		Forest	2	Present and either comprises sign	
		Mudflats Open water		vegetation and is of moderate q part and is of high quality	uality or comprises a small
		Other	3	Present and comprises significant	part, or more, of wetland's
		6b. horizontal (plan view) Interspersion	i	vegetation and is of high quality	
		Select only one.	Nometice De	and the second s	
		High (5) Moderately high(4)	low	escription of Vegetation Quality  Low spp diversity and/or predomin	nance of nonnative or
		Moderate (3)	1011	disturbance tolerant native spec	
		Moderately low (2)	mod	Native spp are dominant compone	
		✓ Low (1)		although nonnative and/or distu	• • • • • • • • • • • • • • • • • • • •
		None (0)  6c. Coverage of invasive plants. Reference		can also be present, and specie moderately high, but generally w	•
		to Table 1 ORAM long form for list. Ad-		threatened or endangered spp	wo presence of fare
		or deduct points for coverage	high	A predominance of native species	s, with nonnative spp
		Extensive >75% cover (-5)		and/or disturbance tolerant nativ	
		Moderate 25-75% cover (-3) Sparse 5-25% cover (-1)		absent, and high spp diversity a the presence of rare, threatened	
		✓ Nearly absent <5% cover (0)		The presence of fare, threatened	a, or endangered spp
		Absent (1)		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 ac	
		Vegetated hummucks/tussuc Coarse woody debris >15cm		Moderate 1 to <4ha (2.47 to 9.88 High 4ha (9.88 acres) or more	acres)
		Standing dead >25cm (10in)	` '	Trigit 4tta (3.30 deres) of thore	
		Amphibian breeding pools		raphy Cover Scale	
		<del></del>	0	Absent	
			1	Present very small amounts or if r of marginal quality	
			2	Present in moderate amounts, but quality or in small amounts of his	•
			3	Present in moderate or greater an	
				and of highest quality	

Site: WOH-218	Rate	r(s): BRH & KGH		<b>Date:</b> April 13, 2017
	Metric 1. Wetland Area (	size).		
0 0		, <b>,</b> -		
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) (6  10 to <25 acres (4 to <10.1ha) (4 pt)  3 to <10 acres (1.2 to <4ha) (3 pts)  0.3 to <3 acres (0.12 to <1.2ha) (2pt)  0.1 to <0.3 acres (0.04 to <0.12ha) <ul> <li>&lt;0.1 acres (0.04ha) (0 pts)</li> </ul>	ts)		
4 4	Metric 2. Upland buffers	and surrounding	land use.	
max 14 pts. subtotal	2a. Calculate average buffer width. Select of WIDE. Buffers average 50m (164ft MEDIUM. Buffers average 25m to NARROW. Buffers average 10m to VERY NARROW. Buffers average 2b. Intensity of surrounding land use. Selectory VERY LOW. 2nd growth or older for LOW. Old field (>10 years), shrub MODERATELY HIGH. Residential.	) or more around wetland perime <50m (82 to <164ft) around wetla o <25m (32ft to <82ft) around we <10m (<32ft) around wetland per t one or double check and averagorest, prairie, savannah, wildlife a and, young second growth fores fenced pasture, park, conservat	ter (7) and perimeter (4) tland perimeter (1) rimeter (0) ge. area, etc. (7) t. (5) ion tillage, new fallo	w field. (3)
13 17	Metric 3. Hydrology.		. ,	
max 30 pts. subtotal	3a. Sources of Water. Score all that apply.  High pH groundwater (5)  Other groundwater (3)  Precipitation (1)  Seasonal/Intermittent surface water  Perennial surface water (lake or str.)  3c. Maximum water depth. Select only one at the surface water (27.6in) (3)  0.4 to 0.7m (15.7 to 27.6in) (2)  3e. Modifications to natural hydrologic regiments.	eam) (5) sind assign score.  Score one or double check an	Part of wetland/up Part of riparian or ation inundation/satu Semi- to permane Regularly inundate Seasonally inundate Seasonally satura	n (1) ake and other human use (1) bland (e.g. forest), complex (1) upland corridor (1) uration. Score one or dbl check ently inundated/saturated (4) ed/saturated (3)
	Recovered (7) Recovering (3) Recent or no recovery (1)	k all disturbances observed ditch tile dike weir stormwater input	point source (nons filling/grading road bed/RR track dredging other	
7 24	Metric 4. Habitat Alterat	ion and Developn	nent.	
max 20 pts. subtotal	4a. Substrate disturbance. Score one or dou None or none apparent (4) Recovered (3) ✓ Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one an			
	Excellent (7)  Very good (6)  Good (5)  Moderately good (4)  Fair (3)  Poor to fair (2)  Poor (1)			
24	Recovered (6)  Recovering (3)  Recent or no recovery (1)	k all disturbances observed mowing grazing clearcutting selective cutting woody debris removal	shrub/sapling rem herbaceous/aquat sedimentation dredging farming	
subtotal this p	ge	toxic pollutants	nutrient enrichmer	nt

Site: WOH-218		Rater(s): BRH & KGH			<b>Date:</b> April 13, 2017
	24 btotal first pa	ge			·
0	24	Metric 5. Special Wetland	ds.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-ur Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openii Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water f Category 1 Wetland. See Question 1	estricted hydrologs) (10)  atened or endation of the control or th	ingered species (10) usage (10) ating (-10)	
0	24	Metric 6. Plant communi	ties, int	erspersion, microto	pography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.24	
		Aquatic bed	1	Present and either comprises sma vegetation and is of moderate q significant part but is of low qual	uality, or comprises a
		Forest	2	Present and either comprises sign	-
		Mudflats Open water	۷	vegetation and is of moderate q part and is of high quality	
		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 Do	escription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predomin	nance of nonnative or
		Moderate (3)		disturbance tolerant native spec	
		Moderately low (2)	mod	Native spp are dominant compone	
		✓ Low (1)		although nonnative and/or distu	
		None (0)		can also be present, and specie	
		6c. Coverage of invasive plants. Refer		moderately high, but generally v	•
		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)	3	and/or disturbance tolerant nativ	
		Moderate 25-75% cover (-3)		absent, and high spp diversity a	• • • • • • • • • • • • • • • • • • • •
		✓ Sparse 5-25% cover (-1)		the presence of rare, threatened	I, or endangered spp
		Nearly absent <5% cover (0)		<u> </u>	
		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.	1	Low 0.1 to <1ha (0.247 to 2.47 ac	res)
		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  Mmphibian breeding pools	Microtopog	raphy Cover Scale	
		<u> </u>	0	Absent	
			1	Present very small amounts or if r of marginal quality	
			2	Present in moderate amounts, but quality or in small amounts of hi	_
			3	Present in moderate or greater an	nounts
				and of highest quality	

Site: W	OH-219		Rater(s): BRH & KGH	<b>Date:</b> April 13, 2017
1	1	Metric 1. Wetland A	area (size).	
max 6 pts.	subtotal	Select one size class and assign sco	) 20.2ha) (5 pts) Iha) (4 pts) a) (3 pts) .2ha) (2pts) 50.12ha) (1 pt)	
4	5	Metric 2. Upland bu	iffers and surrounding land 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 double check. Im (164ft) or more around wetland perimeter (7) to 25m to <50m (82 to <164ft) around wetland perimeter (4) to 10m to <25m (32ft to <82ft) around wetland perimeter (1) average <10m (<32ft) around wetland perimeter (0) to 25m (32ft) around wetland perimeter (0) to 25m (32ft) around wetland perimeter (0) to 35m (32ft) around wetland perimeter (1) average. The selection of 35m (32ft) around wetland perimeter (1) to 35m (32ft) around wetland perimeter (1) average <10m (32ft) average <10m (32ft	
14	19	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 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 None or none apparent (12) Recovered (7)	ace water (3)  like or stream) (5)  nly one and assign score.  (2)  (3)  (4)  (5)  (6)  (7)  (8)  (8)  (9)  (10)	ain (1)  //lake and other human use (1)  //lake and other huma
		Recovering (3) Recent or no recovery (1)	tile filling/grading road bed/RR trace weir dredging other	,
7	26	Metric 4. Habitat Al	teration and Development.	
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		
su last revised	26  btotal this pa 1 Februa	*	Check all disturbances observed  mowing grazing clearcutting selective cutting woody debris removal toxic pollutants  shrub/sapling rer herbaceous/aqua sedimentation dredging farming nutrient enrichment	atic bed removal

Site: W	OH-219	Rater(	s): BRH & I	KGH	<b>Date:</b> April 13, 2017
sul	26 btotal first pa	•			
0	26	Metric 5. Special Wetland	ds.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-ur Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openii Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water f Category 1 Wetland. See Question 1	estricted hydrol ngs) (10) atened or enda fowl habitat or Qualitative Ra	ingered species (10) usage (10) ating (-10)	
1	27	Metric 6. Plant communi	ties, into	erspersion, microto	pography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation (	Community Cover Scale	
		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.24	71 acres) contiguous area
		Aquatic bed  Emergent Shrub	1	Present and either comprises sma vegetation and is of moderate q significant part but is of low qual	uality, or comprises a
		0 Forest	2	Present and either comprises sign	-
		Mudflats Open water	2	vegetation and is of moderate q part and is of high quality	
		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.	-	<u> </u>	
		High (5)	Narrative De	escription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predomin	nance of nonnative or
		Moderate (3)		disturbance tolerant native spec	
		✓ Moderately low (2)	mod	Native spp are dominant compone	
		Low (1)		although nonnative and/or distu	=
		None (0)		can also be present, and specie	
		6c. Coverage of invasive plants. Refer		moderately high, but generally v	•
		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 nativ	
		Moderate 25-75% cover (-3)		absent, and high spp diversity a	nd often, but not always,
		✓ Sparse 5-25% cover (-1)		the presence of rare, threatened	I, or endangered spp
		Nearly absent <5% cover (0)		<u> </u>	
		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.	1	Low 0.1 to <1ha (0.247 to 2.47 ac	res)
		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  May Amphibian breeding pools	Microtopog	raphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if r of marginal quality	
			2	Present in moderate amounts, but quality or in small amounts of hi	_
			3	Present in moderate or greater an	nounts
				and of highest quality	

Site: WOH-220	Rater(s): BRH & KGH	<b>Date:</b> April 13, 2017
2 2	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)	
5 7	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)  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 the first conservation. (1)	ow field. (3)
14 21	Metric 3. Hydrology.	
max 30 pts. subtotal	✓       Precipitation (1)       ✓       Part of wetland/uj         Seasonal/Intermittent surface water (3)       ✓       Part of riparian or         Perennial surface water (lake or stream) (5)       3d. Duration inundation/sate         3c. Maximum water depth. Select only one and assign score.       ✓       Semi- to permane         >0.7 (27.6in) (3)       Regularly inundation/sate         0.4 to 0.7m (15.7 to 27.6in) (2)       Seasonally inundation/sate	in (1) lake and other human use (1) pland (e.g. forest), complex (1) upland corridor (1) uration. Score one or dbl check ently inundated/saturated (4) ted/saturated (3) ated (2) ated in upper 30cm (12in) (1)
9 30	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) Check all disturbances observed	
30 subtotal this pa	Recovered (6) Recovering (3) Recent or no recovery (1)  Recent or no recovery (1)	tic bed removal

Site: WOH-220	Rater(	s): BRH &	KGH	<b>Date:</b> April 13, 2017
30 subtotal first p	<b>–</b>			
0 30	Metric 5. Special Wetlan	ds.		
max 10 pts. subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Open Relict Wet Prairies (10) Known occurrence state/federal three Significant migratory songbird/water Category 1 Wetland. See Question	estricted hydro ings) (10) atened or enda fowl habitat or 1 Qualitative R	angered species (10) usage (10) atting (-10)	
1 31	Metric 6. Plant communi	ities, int	erspersion, microto	pography.
max 20 pts. subtotal	6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
	Score all present using 0 to 3 scale.  Aquatic bed  Emergent	<u> </u>	Absent or comprises <0.1ha (0.24  Present and either comprises small vegetation and is of moderate q	all part of wetland's uality, or comprises a
	Shrub  O Forest  Mudflats	2	significant part but is of low qual Present and either comprises sign vegetation and is of moderate q	nificant part of wetland's
	Open water		part and is of high quality	y
	Other6b. horizontal (plan view) Interspersion.	3	Present and comprises significant vegetation and is of high quality	part, or more, of wetland's
	Select only one. High (5)	Narrative D	escription of Vegetation Quality	
	Moderately high(4) Moderate (3)	low	Low spp diversity and/or predomin disturbance tolerant native spec	
	Moderately low (2) Low (1) None (0)	mod	Native spp are dominant compone although nonnative and/or disturcan also be present, and specie	rbance tolerant native spp
	6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add		moderately high, but generally v threatened or endangered spp	•
	or deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)	high	A predominance of native species and/or disturbance tolerant native absent, and high spp diversity a the presence of rare, threatened	e spp absent or virtually nd often, but not always,
	Nearly absent <5% cover (0)			
	Absent (1)		Dopen Water Class Quality Absent <0.1ha (0.247 acres)	
	6d. Microtopography.  Score all present using 0 to 3 scale.	0 1	Low 0.1 to <1ha (0.247 acres)	roc)
	Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	
	Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
	Standing dead >25cm (10in) dbh		[	
	Amphibian breeding pools	Microtopog	raphy Cover Scale	
		0	Absent	
		1	Present very small amounts or if r of marginal quality	
		2	Present in moderate amounts, but quality or in small amounts of hi	ghest quality
31		3	Present in moderate or greater an and of highest quality	iounts

Site: WOH-221		Rater(s): BRH & KGH	<b>Date:</b> April 14, 2017
3 3	Metric 1. Wetland A	rea (size).	
max 6 pts. subtotal	Select one size class and assign scores (>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 < <1.1 colored (0.04ha) (0 pts)	) 0.2ha) (5 pts) ha) (4 pts) ) (3 pts) 2ha) (2pts)	
14 17	Metric 2. Upland bu	ffers and surrounding land use.	
max 14 pts. subtotal	✓ WIDE. Buffers average 50 MEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers 3  2b. Intensity of surrounding land use ✓ VERY LOW. 2nd growth of LOW. Old field (>10 years) MODERATELY HIGH. Res	Select only one and assign score. Do not double check. m (164ft) or more around wetland perimeter (7) 25m to <50m (82 to <164ft) around wetland perimeter (4) e 10m to <25m (32ft to <82ft) around wetland perimeter (1) average <10m (<32ft) around wetland perimeter (0). Select one or double check and average. r older forest, prairie, savannah, wildlife area, etc. (7) shrub land, young second growth forest. (5) sidential, fenced pasture, park, conservation tillage, new falled per pasture, row cropping, mining, construction. (1)	
9 26	Metric 3. Hydrology	<b>'.</b>	
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) <ul> <li>&lt;0.4m (&lt;15.7in) (1)</li> </ul> 3e. Modifications to natural hydrologi  None or none apparent (12 Recovered (7)  Recovering (3)	ce water (3) ke or stream) (5) Nly one and assign score.  (2) Ce regime. Score one or double check and average.	ain (1) //lake and other human use (1) //lake and other human use (1) //lake and other human use (1) // upland (e.g. forest), complex (1) // upland corridor (1) // turation. Score one or dbl check // lently inundated/saturated (4) // ated/saturated (3) // dated (2) // ated in upper 30cm (12in) (1)
	Recent or no recovery (1)	dike road bed/RR trace dredging stormwater input other	;k 
7 33	Metric 4. Habitat Al	teration and Development.	
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 o		
33 subtotal this pa	•	Check all disturbances observed  mowing grazing clearcutting selective cutting woody debris removal toxic pollutants  shrub/sapling rer herbaceous/aqua sedimentation dredging farming nutrient enrichma	atic bed removal

Site: W	OH-221	Rater(	s): BRH &	KGH	<b>Date:</b> April 14, 2017
sul	33 btotal first pa	ge			
-10	23	Metric 5. Special Wetlan	ds.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-re Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openi Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water	estricted hydro ings) (10) atened or enda fowl habitat or 1 Qualitative R	angered species (10) usage (10) ating (-10)	
-3	20	Metric 6. Plant communi	ties, int	erspersion, microto	pography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.24	71 acres) contiguous area
		Aquatic bed	1	Present and either comprises sma	ıll part of wetland's
		1 Emergent		vegetation and is of moderate qu	uality, or comprises a
		Shrub		significant part but is of low qual	ity
		Forest	2	Present and either comprises sign	ificant part of wetland's
		Mudflats		vegetation and is of moderate qu	uality or comprises a small
		Open water		part and is of high quality	
		Other	3	Present and comprises significant	part, or more, of wetland's
		6b. horizontal (plan view) Interspersion.	· ·	vegetation and is of high quality	part, or more, or mediana
				vegetation and is of high quality	
		Select only one.	Namativa D	econintian of Variation Quality	
		High (5)		escription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predomir	
		Moderate (3)		disturbance tolerant native spec	
		Moderately low (2)	mod	Native spp are dominant compone	
		✓ Low (1)		although nonnative and/or distur	bance tolerant native spp
		None (0)		can also be present, and specie	s 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 nativ	e spp absent or virtually
		Moderate 25-75% cover (-3)		absent, and high spp diversity a	nd often, but not always,
		Sparse 5-25% cover (-1)		the presence of rare, threatened	l, or endangered spp
		Nearly absent <5% cover (0)		<u> </u>	
		Absent (1)	Mudflat and	l 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 ac	res)
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	
		Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	<u> </u>
		Standing dead >25cm (10in) dbh		Trigit 4tta (5.00 acres) of thore	<del></del>
		Amphibian breeding pools	Microtopog	raphy Cover Scale	
			0	Absent	
					aoro common
			I	Present very small amounts or if n of marginal quality	note common
			2	Present in moderate amounts, but	not of highest
			4	quality or in small amounts of high	_
			3	Present in moderate or greater am	
			3		IOUITIS
				and of highest quality	

Site: W	OH-222	Rater(s): BRH & KGH	<b>Date:</b> April 14, 2017
2	2	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)	
14	16	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 fallo  HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)	w field. (3)
7	23	Metric 3. Hydrology.	
max 30 pts.	subtotal	✓       Precipitation (1)       ✓       Part of wetland/up         Seasonal/Intermittent surface water (3)       ✓       Part of riparian or         Perennial surface water (lake or stream) (5)       3d. Duration inundation/satu         3c. Maximum water depth. Select only one and assign score.       ✓       Semi- to permane         >0.7 (27.6in) (3)       Regularly inundat         0.4 to 0.7m (15.7 to 27.6in) (2)       Seasonally inundat         ✓        Seasonally satura         3e. Modifications to natural hydrologic regime. Score one or double check and average.         None or none apparent (12)       Check all disturbances observed	in (1) ake and other human use (1) bland (e.g. forest), complex (1) upland corridor (1) uration. Score one or dbl check ently inundated/saturated (4) ed/saturated (3) ated (2) tted in upper 30cm (12in) (1)
		Recovered (7) Recovering (3) Recent or no recovery (1)  A ditch Ditable in point source (non-filling/grading) Filling/grading Foad bed/RR track Weir Stormwater input  A ditch Ditable in point source (non-filling/grading) Filling/grading Foad bed/RR track Filling/grading Filling/grading Foad bed/RR track Filling/grading Filling/gradi	·
14	37	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.	
su	37	None or none apparent (9)  Recovered (6) Recovering (3) Recent or no recovery (1)  Recent or no recovery (1)  Recovering (3) Recovering (4) Recovering (5) Recovering (5) Recovering (7) Recovering (7) Recovering (8) Recovering (9) Recovering (9	tic bed removal

last revised 1 February 2001 jjm

Site: WOH-222		Rater(s): BRH & KGH			<b>Date:</b> April 14, 2017
sul	37 btotal first pa	ge			
0	37	Metric 5. Special Wetlan	ds.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-re Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openi Relict Wet Prairies (10) Known occurrence state/federal three Significant migratory songbird/water in Category 1 Wetland. See Question 2	estricted hydro ings) (10) atened or enda fowl habitat or	angered species (10) usage (10)	
15	52	Metric 6. Plant communi	ties, int	erspersion, microtop	ography.
max 20 pts.	subtotal	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	1	Present and either comprises small	part of wetland's
		1 Emergent		vegetation and is of moderate qua	lity, or comprises a
		2 Shrub		significant part but is of low quality	
		2 Forest	2	Present and either comprises signific	
		Mudflats		vegetation and is of moderate qua	
		Open water		part and is of high quality	,
		Other	3	Present and comprises significant pa	art or more of wetland's
		6b. horizontal (plan view) Interspersion.	O	vegetation and is of high quality	art, or more, or wettand o
		* * * * * * * * * * * * * * * * * * * *	-	vegetation and is of high quality	
		Select only one.	Name the D		
		High (5)		escription of Vegetation Quality	
		✓ Moderately high(4)	low	Low spp diversity and/or predominar	
		Moderate (3)		disturbance tolerant native species	
		Moderately low (2)	mod	Native spp are dominant component	
		Low (1)		although nonnative and/or disturba	ance tolerant native spp
		None (0)		can also be present, and species of	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, v	vith 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	
		Sparse 5-25% cover (-1)		the presence of rare, threatened, of	
		✓ Nearly absent <5% cover (0)	-		3
		Absent (1)	Mudflat and	l 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	3)
		2 Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88 ac	<u>'</u>
		1 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		H		Tilgit 4tia (3.00 acres) of tilore	
		` ,	Microtopos	ranhy Coyor Soala	
		2 Amphibian breeding pools		raphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if mo of marginal quality	
			2	Present in moderate amounts, but ne quality or in small amounts of high	_
			3	Present in moderate or greater amo	
50				and of highest quality	

Site: WOH-223		Rater(s): BRH & KGH	<b>Date:</b> April 25, 2017
0 0	Metric 1. Wetland A	area (size).	
max 6 pts. subtotal	Select one size class and assign sco	) 20,2ha) (5 pts) Iha) (4 pts) a) (3 pts) .2ha) (2pts) :0.12ha) (1 pt)	
11 11	Metric 2. Upland bu	iffers and surrounding land use	
max 14 pts. subtotal	WIDE. Buffers average 50  WIDE. Buffers average 50  MEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers  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 double check. Im (164ft) or more around wetland perimeter (7) to 25m to <50m (82 to <164ft) around wetland perimeter (4) to 10m to <25m (32ft to <82ft) around wetland perimeter (1) average <10m (<32ft) around wetland perimeter (0) to 25m (32ft) around wetland perimeter (1) average <10m (<32ft) around wetland perimeter (0) to 35m (32ft) around wetland perimeter (1) average. In older forest, prairie, savannah, wildlife area, etc. (7) around second growth forest. (5) sidential, fenced pasture, park, conservation tillage, new fall pen pasture, row cropping, mining, construction. (1)	,
18 29	Metric 3. Hydrology		
max 30 pts. subtotal	✓ None or none apparent (12 Recovered (7) Recovering (3)	100 year floodp Between stream Part of wetland/ Part of riparian o	lain (1)  n/lake and other human use (1)  naturation. Score one or dbl check nently inundated/saturated (4)  ated/saturated (3)  ndated (2)  nrated in upper 30cm (12in) (1)  nnstormwater)
	Recent or no recovery (1)	dike road bed/RR tra weir dredging stormwater input other	ack
17 46	Metric 4. Habitat Al	teration and Development.	
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		
46 subtotal this pa	•	mowing shrub/sapling re	uatic bed removal

Site: WO	DH-223	Rater	(s): BRH &	KGH	<b>Date:</b> April 25, 2017
sul	46 ototal first pa	i			
0	46	Metric 5. Special Wetlan	ds.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-u Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak 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	ology (5) angered species (10) usage (10)	
2	48	Metric 6. Plant communi	ities, int	erspersion, microto	pography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
		Score all present using 0 to 3 scale.  Aquatic bed  Emergent  Shrub	1	Absent or comprises <0.1ha (0.24 Present and either comprises small vegetation and is of moderate questions significant part but is of low quality.	all part of wetland's uality, or comprises a
		Forest     Mudflats     Open water	2	Present and either comprises sign vegetation and is of moderate q part and is of high quality	nificant part of wetland's uality or comprises a small
		Other  6b. horizontal (plan view) Interspersion.	3	Present and comprises significant vegetation and is of high quality	
		Select only one.  High (5)	Narrative D	escription of Vegetation Quality	
		Moderately high(4) Moderate (3)	low	Low spp diversity and/or predomin disturbance tolerant native spec	
		Moderately low (2)  ✓ Low (1)  None (0)	mod	Native spp are dominant compone although nonnative and/or distucan also be present, and species	rbance tolerant native spp
		6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add		moderately high, but generally we threatened or endangered spp	v/o presence of rare
		or deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)	high 	A predominance of native species and/or disturbance tolerant native absent, and high spp diversity a the presence of rare, threatened	ve spp absent or virtually and often, but not always,
		Nearly absent <5% cover (0)	Mudflet en	d Onen Meter Class Ovelity	
		<ul><li>✓ Absent (1)</li><li>6d. Microtopography.</li></ul>	0	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 ac	res)
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	
		Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	<del></del>
		Standing dead >25cm (10in) dbh			<del></del>
		Amphibian breeding pools		graphy Cover Scale	
			1	Absent Present very small amounts or if r of marginal quality	nore common
			2	Present in moderate amounts, but quality or in small amounts of his	•
			3	Present in moderate or greater an and of highest quality	
48					

Site: WOH-224		Rater(s): BRH & KGH	<b>Date:</b> April 25, 2017
0 0	Metric 1. Wetland A	area (size).	
max 6 pts. subtotal	Select one size class and assign sco	) 20,2ha) (5 pts) Iha) (4 pts) a) (3 pts) .2ha) (2pts) :0.12ha) (1 pt)	
11 11	Metric 2. Upland bu	iffers and surrounding land use	
max 14 pts. subtotal	WIDE. Buffers average 50  WIDE. Buffers average 50  MEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers  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 double check. Im (164ft) or more around wetland perimeter (7) a 25m to <50m (82 to <164ft) around wetland perimeter (4) to 10m to <25m (32ft to <82ft) around wetland perimeter (1) average <10m (<32ft) around wetland perimeter (0) as Select one or double check and average. In older forest, prairie, savannah, wildlife area, etc. (7) shrub land, young second growth forest. (5) sidential, fenced pasture, park, conservation tillage, new fall pen pasture, row cropping, mining, construction. (1)	,
18 29	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 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)    3e. Modifications to natural hydrolog   Vone or none apparent (12) Recovered (7) Recovering (3)	100 year floodp Between stream  Part of wetland/ Part of riparian	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)  idated (2)  irated in upper 30cm (12in) (1)
	Recent or no recovery (1)	dike road bed/RR tra weir dredging stormwater input other	ick
17 46	Metric 4. Habitat Al	teration and Development.	
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		
46 subtotal this pa	•	mowing shrub/sapling re	uatic bed removal

Site: WOH-224	Rater(	s): BRH &	KGH	<b>Date:</b> April 25, 2017
46 subtotal first p 0 46	Metric 5. Special Wetlan	ds.		
max 10 pts. subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openi Relict Wet Prairies (10) Known occurrence state/federal three Significant migratory songbird/water	estricted hydro ings) (10) atened or enda fowl habitat or	ology (5) angered species (10) usage (10)	
2 48	Metric 6. Plant communi	ties, int	erspersion, microto	ppography.
max 20 pts. subtotal	6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
	Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.24	471 acres) contiguous area
	Aquatic bed	1	Present and either comprises sm	all part of wetland's
	0 Emergent		vegetation and is of moderate of	luality, or comprises a
	o Shrub		significant part but is of low qua	
	0 Forest	2	Present and either comprises sign	nificant part of wetland's
	Mudflats		vegetation and is of moderate of	
	Open water		part and is of high quality	
	Other	3	Present and comprises significan	t 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 predomi	nance of nonnative or
	Moderate (3)	1011	disturbance tolerant native spec	
	Moderately low (2)	mod	Native spp are dominant compon	
	✓ Low (1)	mod	although nonnative and/or distu	
	None (0)		can also be present, and specie	
	6c. Coverage of invasive plants. Refer		moderately high, but generally	•
	to Table 1 ORAM long form for list. Add		threatened or endangered spp	W/O presence of rare
	or deduct points for coverage	high	A predominance of native species	s with nonnative enn
	Extensive >75% cover (-5)	high	'	
			and/or disturbance tolerant nati	• • • • • • • • • • • • • • • • • • • •
	Moderate 25-75% cover (-3)		absent, and high spp diversity a	
	Sparse 5-25% cover (-1)		the presence of rare, threatener	u, or endangered spp
	Nearly absent <5% cover (0)	Mudflet en	d Onen Meter Class Ovelity	
	Absent (1)		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 ac	
	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	Missatsuss		
	Amphibian breeding pools		graphy Cover Scale	
		0	Absent	
		1	Present very small amounts or if	more common
			of marginal quality	A mak of high and
		2	Present in moderate amounts, bu	_
			quality or in small amounts of h	
		3	Present in moderate or greater ar	nounts
140			and of highest quality	
48				

Site: W	OH-225	Rater(s): BRH & KGH	<b>Date:</b> April 25, 2017
2	2	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)	
14	16	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 the first park industrial, open pasture, row cropping, mining, construction. (1)	ow field. (3)
22	38	Metric 3. Hydrology.	
max 30 pts.	subtotal	✓       Precipitation (1)       ✓       Part of wetland/u         ✓       Perennial surface water (lake or stream) (5)       3d. Duration inundation/sat         3c. Maximum water depth. Select only one and assign score.       ✓       Semi- to permandation/sat         >0.7 (27.6in) (3)       Regularly inundation/sat         ✓       0.4 to 0.7m (15.7 to 27.6in) (2)       Seasonally inundation/sat         ✓       0.4 m (<15.7in) (1)	ain (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)
11	19	Metric 4. Habitat Alteration and Development.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  Vone 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) Vonderately good (4) Fair (3) Poor to fair (2) Poor (1)	
F		4c. Habitat alteration. Score one or double check and average.  None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1) Recovering (3) Recent or no recovery (1) Recovering (3) Recent or no recovery (1)	
su	49 btotal this pa	selective cutting dredging woody debris removal toxic pollutants nutrient enrichments	ent
last revised	1 Februa	ry 2001 jim	

Site: W	OH-225	Ra	ater(s): BRH &	KGH	<b>Date:</b> April 25, 2017
sul 0	49 btotal first pa	Metric 5. Special Wet	lands.		
max 10 pts.	subtotal	Check all that apply and score as indicated Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wet Lake Plain Sand Prairies (Oak Relict Wet Prairies (10) Known occurrence state/federa Significant migratory songbird/ Category 1 Wetland. See Que	land-unrestricted hydro land-restricted hydro Openings) (10) al threatened or enda water fowl habitat or estion 1 Qualitative R	angered species (10) usage (10) ating (-10)	
4	53	Metric 6. Plant comm	·	•	opography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.2	
		Aquatic bed	1	Present and either comprises sm	
		1 Emergent		vegetation and is of moderate	quality, or comprises a
		0 Shrub		significant part but is of low qua	
		0 Forest	2	Present and either comprises sig	nificant part of wetland's
		Mudflats		vegetation and is of moderate	quality or comprises a small
		Open water		part and is of high quality	
		Other	3	Present and comprises significar	nt part, or more, of wetland's
		6b. horizontal (plan view) Interspersion.		vegetation and is of high qualit	
		Select only one.		rogetation and to or might quality	,
		High (5)	Narrative D	escription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predom	inance of poppative or
			IOW		
		✓ Moderate (3)		disturbance tolerant native spe	
		Moderately low (2)	mod	Native spp are dominant compor	_
		Low (1)		although nonnative and/or distr	· · ·
		None (0)		can also be present, and speci	•
		6c. Coverage of invasive plants. Refer		moderately high, but generally	
		to Table 1 ORAM long form for list. Add		threatened or endangered spp	
		or deduct points for coverage	high	A predominance of native specie	• •
		Extensive >75% cover (-5)		and/or disturbance tolerant nat	ive 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, threatene	d, or endangered spp
		Nearly absent <5% cover (0)			
		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.	1	Low 0.1 to <1ha (0.247 to 2.47 a	cres)
		Vegetated hummucks/tussucks	s 2	Moderate 1 to <4ha (2.47 to 9.8	8 acres)
		Coarse woody debris >15cm (		High 4ha (9.88 acres) or more	
		Standing dead >25cm (10in) d		,	
		1 Amphibian breeding pools		raphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if of marginal quality	more common
					ut not of highest
			2	Present in moderate amounts, be quality or in small amounts of h	nighest quality
			3	Present in moderate or greater a	mounts
				and of highest quality	

Site: W	OH-226	Rater(s): BRH & KGH	<b>Date:</b> April 25, 2017
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)	
8	9	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)  WIDE. 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)
18	27	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)  ✓ Part of wetland/up  Part of vetland/up  Pa	in (1) lake and other human use (1) pland (e.g. forest), complex (1) rupland corridor (1) uration. Score one or dbl check ently inundated/saturated (4) ted/saturated (3) ated (2) ated in upper 30cm (12in) (1)
		Recent or no recovery (1)    dike	k 
17	44	Metric 4. Habitat Alteration and Development.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  V 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) V Moderately good (4) Fair (3) Poor to fair (2)  Recovering (2) Recoverin	
		Poor (1)  4c. Habitat alteration. Score one or double check and average.  Chack all disturbances chacked.	
sut last revised	44 ototal this pa 1 Februa		itic bed removal

Site: WO	H-226	Rater(	s): BRH &	KGH	<b>Date:</b> April 25, 2017
	44 otal first pa	Metric 5. Special Wetlan	de		
0	44	opeciai Wetian	us.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-re Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openi Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water Category 1 Wetland. See Question	estricted hydro ings) (10) atened or enda fowl habitat or 1 Qualitative R	angered species (10) usage (10) atting (-10)	
-2	42	Metric 6. Plant communi	ties, int	erspersion, microto	pography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
		Score all present using 0 to 3 scale.  Aquatic bed  Emergent  Shrub	1	Absent or comprises <0.1ha (0.24 Present and either comprises small vegetation and is of moderate questignificant part but is of low quality.	all part of wetland's uality, or comprises a
		0 Forest Mudflats Open water	2	Present and either comprises sign vegetation and is of moderate q part and is of high quality	nificant part of wetland's uality or comprises a small
		Other6b. horizontal (plan view) Interspersion. Select only one.	3	Present and comprises significant vegetation and is of high quality	
		High (5)	Narrative D	escription of Vegetation Quality	
		Moderately high(4) Moderate (3)	low	Low spp diversity and/or predomin disturbance tolerant native spec	
		Moderately low (2)  ✓ Low (1)  None (0)  6c. Coverage of invasive plants. Refer	mod	Native spp are dominant compone although nonnative and/or distuction can also be present, and species moderately high, but generally with the components of	rbance tolerant native spp es diversity moderate to
		to Table 1 ORAM long form for list. Add or deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)	high	threatened or endangered spp A predominance of native species and/or disturbance tolerant native absent, and high spp diversity a the presence of rare, threatened	ve spp absent or virtually and often, but not always,
		Nearly absent <5% cover (0)	Mudfleten	d Onen Weter Class Ovelity	
		Absent (1) 6d. Microtopography.	0	Dopen 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 ac	cres)
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	acres)
		O Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		Standing dead >25cm (10in) dbh  O Amphibian breeding pools	Microtopoo	raphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if r of marginal quality	more common
			2	Present in moderate amounts, bu quality or in small amounts of hi	ghest quality
42			3	Present in moderate or greater an and of highest quality	nounts
42					

Site: W	OH-227	Ra	iter(s): BRH & TPM		<b>Date:</b> April 25, 2017
2	2	Metric 1. Wetland Area	a (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)   10 to <25 acres (4 to <10.1ha) (   3 to <10 acres (1.2 to <4ha) (3 ro <3 acres (0.12 to <1.2ha)   0.1 to <0.3 acres (0.04 to <0.12la)   <0.1 acres (0.04ha) (0 pts)	4 pts) ots) (2pts)		
11	13	Metric 2. Upland buffe	rs and surroundi	ng land use.	
max 14 pts.	subtotal	2a. Calculate average buffer width. Select WIDE. Buffers average 50m (16   WIDE. Buffers average 25m (16   MEDIUM. Buffers average 25m  NARROW. Buffers average 10r  VERY NARROW. Buffers average 2b. Intensity of surrounding land use. Se  VERY LOW. 2nd growth or older  LOW. Old field (>10 years), shr  MODERATELY HIGH. Residen  HIGH. Urban, industrial, open p	64ft) or more around wetland per to <50m (82 to <164ft) around wetland of to <25m (32ft to <82ft) around wetland ge <10m (<32ft) around wetland elect one or double check and awer forest, prairie, savannah, wildlub land, young second growth fottal, fenced pasture, park, conse	rimeter (7) wetland perimeter (4) d wetland perimeter (1) d perimeter (0) verage. ife area, etc. (7) prest. (5) vervation tillage, new fallo	w field. (3)
20	33	Metric 3. Hydrology.			
max 30 pts.	subtotal	3a. Sources of Water. Score all that apply High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface water (lake or 3c. Maximum water depth. Select only or >0.7 (27.6in) (3) V 0.4 to 0.7m (15.7 to 27.6in) (2) <0.4m (<15.7in) (1)  3e. Modifications to natural hydrologic recommodified by the second seco	ater (3) stream) (5) se and assign score.	Part of wetland/up Part of riparian or Duration inundation/satu Semi- to permane Regularly inundat Seasonally inundat Seasonally satura	in (1) ake and other human use (1) bland (e.g. forest), complex (1) upland corridor (1) uration. Score one or dbl check ently inundated/saturated (4) ed/saturated (3)
		Recovered (7) Recovering (3) Recent or no recovery (1)	neck all disturbances observed ditch tile dike weir stormwater input	point source (non- filling/grading road bed/RR track dredging other	
15	48	Metric 4. Habitat Alter	ation and Develo	pment.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score one or   ✓ None or none apparent (4)  Recovered (3)  Recovering (2)  Recent or no recovery (1)  4b. Habitat development. Select only one  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			
	48	Recovered (6) Recovering (3) Recent or no recovery (1)	meck all disturbances observed mowing grazing clearcutting selective cutting woody debris removal toxic pollutants	shrub/sapling rem herbaceous/aqua sedimentation dredging farming nutrient enrichme	tic bed removal
last revised	1 Februa	ry 2001 jjm			

Site: W	OH-227	Rater	(s): BRH &	TPM	<b>Date:</b> April 25, 2017
su	48 btotal first pa	Ī			
5	53	Metric 5. Special Wetlar	nds.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland- Lake Plain Sand Prairies (Oak Oper Relict Wet Prairies (10) Known occurrence state/federal three Significant migratory songbird/water Category 1 Wetland. See Question	restricted hydro nings) (10) eatened or enda r fowl habitat or	angered species (10) usage (10)	
15	68	Metric 6. Plant commun	ities, int	erspersion, microto	pography.
max 20 pts.	subtotal	J 6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.24	71 acres) contiguous area
		Aquatic bed	1	Present and either comprises small	
		2 Emergent		vegetation and is of moderate q	
		2 Shrub		significant part but is of low qua	
		2 Forest	2	Present and either comprises sign	nificant part of wetland's
		Mudflats		vegetation and is of moderate q	uality or comprises a small
		Open water		part and is of high quality	
		Other	3	Present and comprises significant	
		6b. horizontal (plan view) Interspersion.		vegetation and is of high quality	
		Select only one.			
		High (5)		escription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predomin	
		✓ Moderate (3)		disturbance tolerant native spec	
		Moderately low (2)	mod	Native spp are dominant compone	
		Low (1)		although nonnative and/or distu	
		None (0)		can also be present, and specie	•
		6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add		moderately high, but generally we threatened or endangered spp	wo presence or rare
		or deduct points for coverage	high	A predominance of native species	with nonnative spn
		Extensive >75% cover (-5)	riigii	and/or disturbance tolerant nativ	• • • • • • • • • • • • • • • • • • • •
		Moderate 25-75% cover (-3)		absent, and high spp diversity a	
		Sparse 5-25% cover (-1)		the presence of rare, threatened	•
		✓ Nearly absent <5% cover (0)	-	and production of rare, amountained	z, or oridarigoroa opp
		Absent (1)	Mudflat and	l 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 ac	res)
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	
		2 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		1 Standing dead >25cm (10in) dbh		13 (	
		2 Amphibian breeding pools	Microtopog	raphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if r	more common
				of marginal quality	
			2	Present in moderate amounts, bu	t not of highest
				quality or in small amounts of hi	ghest quality
			3	Present in moderate or greater an	nounts
				and of highest quality	
68					

Site: W	OH-228		Rater(s): BRH & TPM	<b>Date:</b> April 26, 2017
0	0	Metric 1. Wetland A	Area (size).	
max 6 pts.	subtotal	Select one size class and assign sco	ore. (20.2ha) (5 pts) (1ha) (4 pts) (3 pts) (.2ha) (2pts) (-20.12ha) (1 pt)	
14	14	ı —	iffers and surrounding land use.	1
max 14 pts.	subtotal	<ul> <li>WIDE. Buffers average 50</li> <li>MEDIUM. Buffers average</li> <li>NARROW. Buffers average</li> <li>VERY NARROW. Buffers</li> <li>2b. Intensity of surrounding land use</li> <li>VERY LOW. 2nd growth of LOW. Old field (&gt;10 years</li> <li>MODERATELY HIGH. Re</li> </ul>	Select only one and assign score. Do not double check. Om (164ft) or more around wetland perimeter (7) to 25m to <50m (82 to <164ft) around wetland perimeter (4) ge 10m to <25m (32ft to <82ft) around wetland perimeter (1) average <10m (<32ft) around wetland perimeter (0) to 25 select one or double check and average. Or older forest, prairie, savannah, wildlife area, etc. (7) shrub land, young second growth forest. (5) seidential, fenced pasture, park, conservation tillage, new fall pen pasture, row cropping, mining, construction. (1)	
12	26	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 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 ✓ <0.4m (<15.7in) (1) 3e. Modifications to natural hydrolog None or none apparent (12 ✓ Recovered (7) Recovering (3) Recent or no recovery (1)	ace water (3)  ske or stream) (5)  nly one and assign score.  (2)  (3)  (4)  (5)  (6)  (7)  (8)  (8)  (9)  (10)  (9)  (10)  (1	ain (1) //lake and other human use (1) upland (e.g. forest), complex (1) or upland corridor (1) turation. Score one or dbl check nently inundated/saturated (4) ated/saturated (3) dated (2) rated in upper 30cm (12in) (1)
			weir dredging stormwater input other	
6	32	Metric 4. Habitat Al	Iteration and Development.	
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)		
su last revised	32  btotal this pa 1 Februa	Recovered (6) Recovering (3) Recent or no recovery (1)	mowing shrub/sapling rel grazing herbaceous/aqua sedimentation selective cutting dredging woody debris removal toxic pollutants nutrient enrichments	atic bed removal

Site: WOH-22	28	Rater(	s): BRH &	TPM	<b>Date:</b> April 26, 2017
32 subtotal fir					
0 32	<sub>2</sub>   M	letric 5. Special Wetland	ds.		
max 10 pts. subto		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 1 Category 1 Wetland. See Question 1	estricted hydro ngs) (10) atened or enda fowl habitat or I Qualitative R	logy (5) angered species (10) usage (10) ating (-10)	
-1 3	1 <b>M</b>	letric 6. Plant communi	ties, int	erspersion, microto	pography.
max 20 pts. subto	otal 6a.	Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
	Sco	ore all present using 0 to 3 scale.  Aquatic bed  Emergent	1	Absent or comprises <0.1ha (0.24  Present and either comprises small vegetation and is of moderate q	all part of wetland's uality, or comprises a
		Shrub Forest Mudflats	2	significant part but is of low qua Present and either comprises sign vegetation and is of moderate q	nificant part of wetland's
		Open water		part and is of high quality	
		horizontal (plan view) Interspersion. lect only one.	3	Present and comprises significant vegetation and is of high quality	
		High (5)	Narrative D	escription of Vegetation Quality	
		Moderately high(4) Moderate (3)	low	Low spp diversity and/or predoming disturbance tolerant native spec	cies
		Moderately low (2) Low (1) ✓ None (0)	mod	Native spp are dominant compone although nonnative and/or distuction can also be present, and species	rbance tolerant native spp
	to 7	Coverage of invasive plants. Refer Fable 1 ORAM long form for list. Add		moderately high, but generally withreatened or endangered spp	v/o presence of rare
	ord	deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)	high	A predominance of native species and/or disturbance tolerant nativabsent, and high spp diversity a the presence of rare, threatened	ve spp absent or virtually and often, but not always,
		Nearly absent <5% cover (0)	NA	LOUIS Water Olana Ovality	
	64	Absent (1)	Mudifiat and	Dopen Water Class Quality Absent <0.1ha (0.247 acres)	
		Microtopography.  ore all present using 0 to 3 scale.	1	Low 0.1 to <1ha (0.247 acres)	eres)
	300	Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	
		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	
			1	Present very small amounts or if r of marginal quality	
			2	Present in moderate amounts, bu quality or in small amounts of hi	ghest quality
31			3	Present in moderate or greater ar and of highest quality	nounts
ı I					

Site: WOH-229		Rater(s): BRH & TPM	<b>Date:</b> April 26, 2017
2 2	Metric 1. Wetland A	area (size).	
max 6 pts. 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 < <1.1 acres (0.04ha) (0 pts)	) 20.2ha) (5 pts) Iha) (4 pts) a) (3 pts) .2ha) (2pts) :0.12ha) (1 pt)	
14 16	Metric 2. Upland bu	iffers and surrounding land 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 o LOW. Old field (>10 years MODERATELY HIGH. Res	Select only one and assign score. Do not double check. Im (164ft) or more around wetland perimeter (7) a 25m to <50m (82 to <164ft) around wetland perimeter (4) around to <25m (32ft to <82ft) around wetland perimeter (1) average <10m (<32ft) around wetland perimeter (0) average <10m (<32ft) around wetland perimeter (0) around select one or double check and average. In older forest, prairie, savannah, wildlife area, etc. (7) shrub land, young second growth forest. (5) sidential, fenced pasture, park, conservation tillage, new fall-pen pasture, row cropping, mining, construction. (1)	
20 36	Metric 3. Hydrology	<b>/.</b>	
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  Whone or none apparent (12 Recovered (7) Recovering (3) Recent or no recovery (1)	ace water (3)  lke or stream) (5)  nly one and assign score.  (2)  (2)  (2)  (3)  (4)  (5)  (7)  (8)  (9)  (10)	ain (1)  //lake and other human use (1)  upland (e.g. forest), complex (1)  upland corridor (1)  uration. Score one or dbl check ently inundated/saturated (4)  uted/saturated (3)  dated (2) ated in upper 30cm (12in) (1)
	recent of no receivery (1)	weir dredging other other	
16 52	Metric 4. Habitat Al	teration and Development.	
max 20 pts. subtotal	4a. Substrate disturbance. Score on  None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  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		
52 subtotal this pa	•	Check all disturbances observed	atic bed removal

Social Community Cover Scale   Social Communities,   Social Comm	Site: WOH-229	Rater(	s): BRH &	TPM	<b>Date:</b> April 26, 2017
Check all that apply and score as indicated.    Check all that apply and score as indicated.	52		<u> </u>		, ,
Bog (10)	5 57	Metric 5. Special Wetlan	ds.		
Vegetation Community Cover Scale  Score all present using 0 to 3 scale.  Aquatic bed  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  Other  Other  Other  Absent of notizental (plan view) Interspersion.  Select only one.  All high (5)  Moderately high(4)  Moderately high(4)  Moderately high(4)  Moderately high(9)  Anno (0)  Absent of moderate quality or comprises a small part of wetland's vegetation and is of high quality  This part and is of high quality  Narrative Description of Vegetation Qualit	max 10 pts. subtotal	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	estricted hydro ings) (10) atened or enda fowl habitat or	angered species (10) usage (10)	
Score all present using 0 to 3 scale, Aquatic bed Aguatic bed Aquatic bed Aguatic bed 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 Aguatic Agu	13 70	Metric 6. Plant communi	ties, int	erspersion, microto	pography.
Acquatic bed   Emergent   Emergent   Emergent   Shrub	max 20 pts. subtotal	6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
Emergent  1 Shrub 2 Forest Wudfats Open water Other Other High (5) Moderate (3) Moderate (4) Moderate (4) Moderate (4) Moderate (5) Moderate (5) Moderate (7) Moderate (7) Moderate (8) Moderate (8) Moderate (9) Moderate (9) Moderate (9) Moderate (9) Moderate (10) Absent (1)  6d. Microtopography. Score all present using 0 to 3 scale.  1 Vegetated hummucks/tussucks 2 Coarse woody debris ~15cm (6in) 2 Standing dead ~25cm (10in) dibh 3 Amphibian breeding pools  Microtopography Cover Scale  0 Absent  1 Present and comprises significant part of wetland's vegetation and is of moderate quality or nome, of wetland's vegetation and is of moderate quality, or comprises a significant part of wetland's vegetation and is of moderate quality, or comprises a small part and is of high quality or more of wetland's vegetation and is of moderate quality or onmore, of wetland's vegetation and is of moderate quality, or comprises a small part and is of high quality or more of wetland's vegetation and is of moderate quality or more of wetland's vegetation and is of moderate quality or more of wetland's vegetation and is of highest quality or more of wetland's vegetation and is of moderate quality or more of wetland's vegetation and is of moderate quality or more of wetland's vegetation and is of moderate quality or more of wetland's vegetation an		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.24	171 acres) contiguous area
Shrub   Significant part but is of low quality		Aquatic bed	1	Present and either comprises sma	all part of wetland's
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		1 Emergent			
Mudflats   Open water   Other   Othe					
Open water Other O			2	-	
Other 6b. horizontal (plan view) Interspersion. Select only one.  High (5) Moderately high(4) Moderately low (2) Low (1) None (0) 6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add or deduct points for coverage Extensive >75% cover (-5) Moderate 25-75% cover (-3) Sparse 5-25% cover (-1) Absent (1) Absent (1) 6d. Microtopography. Score all present using 0 to 3 scale.  1 Vegetated hummucks/tussucks 2 Coarse woody debris >15cm (6in) 2 Standing dead >25cm (10in) dbh 3 Amphibian breeding pools  Microtopography Cover Scale  O Absent  Present and comprises significant part, or more, of wetland's vegetation and is of high quality  Narrative Description of Vegetation Quality  low Low spp diversity and/or predominance of nonnative or disturbance tolerant native species  mod Native spp are dominant component of the vegetation, although nonnative and/or disturbance tolerant native species diversity moderate to moderate phy high, but generally w/o presence of rare threatened or endangered spp  high A predominance of nonnative or disturbance tolerant native species diversity moderate to moderate presence of rare threatened or endangered spp  Mudflat and Open Water Class Quality  Absent <0,1ha (0,247 acres)  Microtopography Cover Scale  Microtopography Cover Scale  Microtopography Cover Scale  Present in moderate amounts or if more common or marginal quality  Present in moderate amounts, but not of highest quality or in small amounts of highest quality				·	uality or comprises a small
Select only one.		<b>—</b>			
Select only one.  High (5)  Moderately high(4)  Moderately Narrative Description of Vegetation Quality  low Low spp diversity and/or predominance of nonnative or disturbance tolerant native species  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 disturbance tolerant native spp and/or disturbance of rare threatened or endangered spp and/or disturbance tolerant native spp and/or disturbance of rare threatened or endangered spp and/or disturbance tolerant native spp and/or disturbance disturbance tolerant native spp and/or disturbance tolerant nativ			3		
High (5) Moderately high(4) Moderately low (2) Low (1) None (0) Gc. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add or deduct points for coverage Extensive >75% cover (-5) Moderate 25-75% cover (-3) Sparse 5-25% cover (-1) V Nearly absent <5% cover (0) Absent (1) Gd. Microtopography. Score all present using 0 to 3 scale.  1 Vegetated hummucks/fussucks 2 Coarse woody debris >15cm (6in) 2 Standing dead >25cm (10in) dbh 3 Amphibian breeding pools  Moderate y high (4) Low spp diversity and/or predominance of nonnative or disturbance tolerant native species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp  A predominance of native species, with nonnative spp 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  A predominance of native species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp  A predominance of native species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp  A predominance of native species, with nonnative spp and/or disturbance tolerant native spp 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  A predominance of native species, with nonnative spp 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  A presente or endangered spp  A predominance of native species, with nonnative species diversity moderate to moderate spp and/or disturbance tolerant native spp		6b. horizontal (plan view) Interspersion.		vegetation and is of high quality	!
Moderately high(4)   Moderate (3)   Moderately low (2)   Moderately low (2)   V Low (1)   Moderately low (2)   A Low (1)   Moderately low (2)   Moderately low (3)   Moderately low (4)   Moderately low (5)   Moderately low (6)   Moderately low (6)   Moderately low (7)   Moderately					
Moderate (3)		High (5)	Narrative D		
Moderately low (2)  Low (1) None (0)  Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add or deduct points for coverage  Extensive >75% cover (-5) Moderate 25-75% cover (-1) Vearly absent -5% cover (0) Absent (1)  6d. Microtopography.  Score all present using 0 to 3 scale.  1 Vegetated hummucks/tussucks 2 Coarse woody debris >15cm (6in) 2 Standing dead >25cm (10in) dbh 3 Amphibian breeding pools  Moderate 25 for (10in) dbh 3 Present in moderate amounts, but not of highest quality  Present in moderate amounts of highest quality  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  high A predominance of native species, with nonnative spp and/or disturbance tolerant native spp as and/or disturbance tolerant native spp and/or disturbance tolerant native spo and/or dis		Moderately high(4)	low		
Low (1)   None (0)   Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add or deduct points for coverage   Extensive >75% cover (-5)   Moderate 25-75% cover (-3)   Sparse 5-25% cover (-1)   V Nearly absent <5% cover (0)   Absent (1)   Gd. Microtopography.   Score all present using 0 to 3 scale.   Vegetated hummucks/tussucks   2 Coarse woody debris >15cm (6in)   2 Standing dead >25cm (10in) dbh   3 Amphibian breeding pools   Microtopography Cover Scale   Present very small amounts or if more common of marginal quality   Present in moderate or greater amounts   And though nonnative and/or disturbance tolerant native spp acan also be present, and species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp   high   A predominance of native species, with nonnative spp and/or disturbance tolerant native spp acan also be present, and species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp   high   A predominance of native species, with nonnative spp 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		` '		<u> </u>	
None (0)   6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add or deduct points for coverage   Extensive >75% cover (-5)   Moderate 25-75% cover (-3)   Sparse 5-25% cover (-1)   V Nearly absent <5% cover (0)   Absent (1)   Absent (1)   Vegetated hummucks/tussucks   2 Coarse woody debris >15cm (6in)   2 Standing dead >25cm (10in) dbh   3 Amphibian breeding pools   Microtopography 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   3   Present in moderate or greater amounts and of highest quality   1   1   1   1   1   1   1   1   1		Moderately low (2)	mod		
6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add or deduct points for coverage    Extensive >75% cover (-5)		✓ Low (1)		although nonnative and/or distu	rbance tolerant native spp
to Table 1 ORAM long form for list. Add or deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3) Sparse 5-25% cover (-1) Absent (1)  6d. Microtopography.  Score all present using 0 to 3 scale.  1 Vegetated hummucks/tussucks 2 Coarse woody debris >15cm (6in) 2 Standing dead >25cm (10in) dbh 3 Amphibian breeding pools  Microtopography Cover Scale  Present very small amounts or if more common of marginal quality  Present in moderate amounts, but not of highest quality  A predominance of native species, with nonnative spp and/or disturbance tolerant native spp absent or virtually absent, and high sp p diversity and often, but not always, the presence of rare, threatened, or endangered spp  Mudflat and Open Water Class Quality  0 Absent <0.1ha (0.247 acres)  1 Low 0.1 to <1ha (0.247 to 2.47 acres)  2 Moderate 1 to <4ha (2.47 to 9.88 acres)  High 4ha (9.88 acres) or more  Microtopography Cover Scale  0 Absent  1 Present in moderate amounts, but not of highest quality  2 Present in moderate or greater amounts and of highest quality		None (0)		can also be present, and specie	s diversity moderate to
or deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)  Nearly absent <5% cover (0)  Absent (1)  6d. Microtopography.  Score all present using 0 to 3 scale.  1 Vegetated hummucks/tussucks 2 Coarse woody debris >15cm (6in) 2 Standing dead >25cm (10in) dbh 3 Amphibian breeding pools  Microtopography 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 3 Present in moderate or greater amounts and of highest quality  1 A predominance of native species, with nonnative spp 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  Mudflat and Open Water Class Quality  0 Absent <1 Low 0.1 to <1ha (0.247 acres) 2 Moderate 1 to <4ha (2.47 to 9.88 acres) 3 High 4ha (9.88 acres) or more  Microtopography 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 and of highest quality					w/o presence of rare
Extensive >75% cover (-5)  Moderate 25-75% cover (-3) Sparse 5-25% cover (-1)  V Nearly absent <5% cover (0) Absent (1)  6d. Microtopography. Score all present using 0 to 3 scale.  1 Vegetated hummucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography Cover Scale  Microtopography Cover Scale  0 Absent 1 Present very small amounts or if more common of marginal quality Present in moderate amounts, but not of highest quality  3 Present in moderate or greater amounts and of highest quality  3 Present in moderate or greater amounts and of highest quality		to Table 1 ORAM long form for list. Add			
Moderate 25-75% cover (-3) Sparse 5-25% cover (-1)  Nearly absent <5% cover (0) Absent (1)  Mudflat and Open Water Class Quality  O Absent <0.1ha (0.247 acres)  Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography Cover Scale  Microtopography Cover Scale  Present very small amounts or if more common of marginal quality  Present in moderate amounts, but not of highest quality  Resent in moderate or greater amounts and of highest quality			high		
Sparse 5-25% cover (-1)  Nearly absent <5% cover (0) Absent (1)  6d. Microtopography. Score all present using 0 to 3 scale.  1 Vegetated hummucks/tussucks 2 Coarse woody debris >15cm (6in) 2 Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography Cover Scale    Microtopography Cover Scale					• • • • • • • • • • • • • • • • • • • •
Absent (1)		` '			•
Absent (1)  6d. Microtopography. Score all present using 0 to 3 scale.  1 Vegetated hummucks/tussucks 2 Coarse woody debris >15cm (6in) 2 Standing dead >25cm (10in) dbh 3 Amphibian breeding pools  Microtopography Cover Scale  Microtopography 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 3 Present in moderate or greater amounts and of highest quality		` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `		the presence of rare, threatened	d, or endangered spp
6d. Microtopography.  Score all present using 0 to 3 scale.  1 Vegetated hummucks/tussucks 2 Coarse woody debris >15cm (6in) 2 Standing dead >25cm (10in) dbh 3 Amphibian breeding pools  Microtopography 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 or greater amounts and of highest quality 3 Present in moderate or greater amounts and of highest quality					
Score all present using 0 to 3 scale.    1					
1   Vegetated hummucks/tussucks   2   Moderate 1 to <4ha (2.47 to 9.88 acres)     2   Coarse woody debris >15cm (6in)     2   Standing dead >25cm (10in) dbh     3   Amphibian breeding pools     4   Microtopography 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					<del></del>
2 Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography 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					
2 Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography 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					acres)
Amphibian breeding pools    Microtopography Cover Scale			3	High 4ha (9.88 acres) or more	
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		` ` '			
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		Amphibian breeding pools			
of marginal quality  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					
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			1		nore common
3 Present in moderate or greater amounts and of highest quality			2	Present in moderate amounts, bu	•
			3	Present in moderate or greater ar	
	70			and of highest quality	

Site: WOH-230		Rater(s): BRH & TPM	<b>Date:</b> April 26, 2017
2 2	Metric 1. Wetland A	area (size).	
max 6 pts. subtotal	Select one size class and assign sco	) 20.2ha) (5 pts) Iha) (4 pts) a) (3 pts) .2ha) (2pts) 50.12ha) (1 pt)	
14 16	Metric 2. Upland bu	iffers and surrounding land use	<u>,                                     </u>
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 double check. Im (164ft) or more around wetland perimeter (7) to 25m to <50m (82 to <164ft) around wetland perimeter (4) to 10m to <25m (32ft to <82ft) around wetland perimeter (7) average <10m (<32ft) around wetland perimeter (0) to 25m (32ft) around wetland perimeter (7) average <10m (<32ft) around wetland perimeter (0) to 25m (32ft) around wetland perimeter (10) to 35m (3	1)
18 34	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 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)    3e. Modifications to natural hydrolog   Vone or none apparent (12 Recovered (7) Recovering (3) Recent or no recovery (1)	ace water (3)  like or stream) (5)  nly one and assign score.  (2)  (3)  (4)  (5)  (6)  (7)  (8)  (9)  (9)  (10)	olain (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) ndated (2) urated in upper 30cm (12in) (1) onstormwater)
	Recent of no recovery (1)	weir dredging stormwater input other	
14 48	Metric 4. Habitat Al	teration and Development.	
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		
48 subtotal this pa	•	mowing shrub/sapling r	uatic bed removal

Site: W	OH-230	Rater(	(s): BRH &	TPM	<b>Date:</b> April 26, 2017
su	48 obtotal first pa	ge			
0	48	Metric 5. Special Wetlan	ds.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openi Relict Wet Prairies (10) Known occurrence state/federal three 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) ating (-10)	
4	52	Metric 6. Plant communi	ities, int	erspersion, microto	pography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
		Score all present using 0 to 3 scale.  Aquatic bed  Emergent	0 1	Absent or comprises <0.1ha (0.24  Present and either comprises small vegetation and is of moderate quality in the comprise of	all part of wetland's uality, or comprises a
		1 Shrub 1 Forest Mudflats Open water	2	significant part but is of low qua  Present and either comprises sign vegetation and is of moderate q part and is of high quality	nificant part of wetland's
		Other	3	Present and comprises significant	t 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) Moderate (3)	low	Low spp diversity and/or predoming disturbance tolerant native spec	
		Moderate (3)  Moderately low (2)	mod	Native spp are dominant component	
		✓ Low (1)		although nonnative and/or distu	
		None (0)		can also be present, and specie	
		6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add		moderately high, but generally was threatened or endangered spp	v/o presence of rare
		or deduct points for coverage	high	A predominance of native species	s, with nonnative spp
		Extensive >75% cover (-5)	9	and/or disturbance tolerant nativ	
		Moderate 25-75% cover (-3)		absent, and high spp diversity a	•
		✓ Sparse 5-25% cover (-1)		the presence of rare, threatened	d, or endangered spp
		Nearly absent <5% cover (0) 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.	1	Low 0.1 to <1ha (0.247 to 2.47 ac	eres)
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	acres)
		O Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		Standing dead >25cm (10in) dbh			
		1 Amphibian breeding pools		raphy Cover Scale	
			<u>0</u>	Absent  Present very small amounts or if r	more common
			1	of marginal quality	noro common
			2	Present in moderate amounts, bu quality or in small amounts of hi	ghest quality
	1		3	Present in moderate or greater ar	nounts
52				and of highest quality	

Site: WOH-231		Rater(s): BRH & TPM	<b>Date:</b> April 26, 2017
1 1	Metric 1. Wetland A	area (size).	
max 6 pts. subtotal	Select one size class and assign scol   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) a) (3 pts) .2ha) (2pts) :0.12ha) (1 pt)	
12 13	Metric 2. Upland bu	iffers and surrounding land 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 o ✓ LOW. Old field (>10 years MODERATELY HIGH. Res	Select only one and assign score. Do not double check. m (164ft) or more around wetland perimeter (7) c 25m to <50m (82 to <164ft) around wetland perimeter (4) e 10m to <25m (32ft to <82ft) around wetland perimeter (1) average <10m (<32ft) around wetland perimeter (0) . Select one or double check and average. r older forest, prairie, savannah, wildlife area, etc. (7) ), shrub land, young second growth forest. (5) sidential, fenced pasture, park, conservation tillage, new fallepen pasture, row cropping, mining, construction. (1)	
18 31	Metric 3. Hydrology	<b>/.</b>	
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) <ul> <li>&lt; 0.4m (&lt;15.7in) (1)</li> </ul> 3e. Modifications to natural hydrologi  None or none apparent (12 Recovered (7)	100 year floodpla   Between stream/   Part of wetland/u   Part of riparian o   Semi- to perman   Pagularly inunda   Part of riparian o	ain (1)  //lake and other human use (1)  upland (e.g. forest), complex (1)  r upland corridor (1)  curation. Score one or dbl check ently inundated/saturated (4)  uted/saturated (3)  dated (2)  ated in upper 30cm (12in) (1)
	Recovering (3) Recent or no recovery (1)	tile filling/grading road bed/RR trace dredging stormwater input other	· I
10 41	Metric 4. Habitat Al	teration and Development.	
max 20 pts. subtotal	4a. Substrate disturbance. Score on  Vone 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		
41 subtotal this pa	•	mowing   shrub/sapling rer   herbaceous/aqua   sedimentation   sedimentation   dredging   woody debris removal   toxic pollutants   nutrient enrichments   sedimentation   dredging   farming   nutrient enrichments   sedimentation   dredging   sedimentation   dredging   sedimentation   dredging   sedimentation   dredging   sedimentation   dredging   sedimentation   sedimentation	atic bed removal

Site: W	OH-231	Rater(	s): BRH &	TPM <b>Date:</b> April 26, 2017
	41 btotal first pa		/ -	
0	41	Metric 5. Special Wetlan	ds.	
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-re Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openi Relict Wet Prairies (10) Known occurrence state/federal three Significant migratory songbird/water Category 1 Wetland. See Question	estricted hydro ings) (10) atened or enda fowl habitat or	angered species (10) usage (10)
2	43	Metric 6. Plant communi	ties, int	erspersion, microtopography.
max 20 pts.	subtotal	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	1	Present and either comprises small part of wetland's
		0 Emergent		vegetation and is of moderate quality, or comprises a
		0 Shrub		significant part but is of low quality
		0 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
		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.		- Vogotation and to or riight quality
		High (5)	Narrative D	escription of Vegetation Quality
		Moderately high(4)	low	Low spp diversity and/or predominance of nonnative or
			IOW	disturbance tolerant native species
		Moderate (3)		•
		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)		
		✓ 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.	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)
		O Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more
		0 Standing dead >25cm (10in) dbh		
		Amphibian breeding pools	Microtopog	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
			3	Present in moderate or greater amounts
			3	and of highest quality
				and or riightoot quality

Site: WOH-232	Rater(s	; BRH & TPM	<b>Date:</b> April 26, 2017
	Metric 1. Wetland Area (siz	ze).	
0 0	motilo ii viotidila / ii oa (oii	,.	
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		
12 12	Metric 2. Upland buffers a	nd surrounding land use	) <u>.</u>
max 14 pts. subtotal	NARROW. Buffers average 10m to <25 VERY NARROW. Buffers average <10r 2b. Intensity of surrounding land use. Select one VERY LOW. 2nd growth or older forest, LOW. Old field (>10 years), shrub land,	nore around wetland perimeter (7)  n (82 to <164ft) around wetland perimeter (4)  m (32ft to <82ft) around wetland perimeter (7)  n (<32ft) around wetland perimeter (0)  or double check and average.  prairie, savannah, wildlife area, etc. (7)  young second growth forest. (5)  sed pasture, park, conservation tillage, new fa	,
18 30	Metric 3. Hydrology.		
max 30 pts. subtotal	Recovered (7) Recovering (3) Recent or no recovery (1)  ditch	(5) 3d. Duration inundation/s ssign score.    Semi- to perma   Regularly inundation   Seasonally inundation   Seasonally satisfication   Seasonally satisfic	plain (1) n/lake and other human use (1) n/lake and other human use (1) n/lake and other human use (1) n/upland (e.g. forest), complex (1) or upland corridor (1) aturation. Score one or dbl check nently inundated/saturated (4) lated/saturated (3) ndated (2) urated in upper 30cm (12in) (1) onstormwater)
		nwater input dredging other	
13 43	Metric 4. Habitat Alteration	n and Development.	
max 20 pts. subtotal	4a. Substrate disturbance. Score one or double of None or none apparent (4)  V Recovered (3)  Recovering (2)  Recent or no recovery (1)  4b. Habitat development. Select only one and assemble select (7)  Very good (6)  Good (5)  V Moderately good (4)  Fair (3)  Poor to fair (2)		
	4c. Habitat alteration. Score one or double check  None or none apparent (9)  Check all	and average.  disturbances observed	
43 subtotal this pa	Recovered (6) Recovering (3) Recent or no recovery (1)  Recovering (3) Recent or no recovery (1)  ge	ring shrub/sapling re	uatic bed removal

Site: W	OH-232	Rater(	s): BRH &	TPM <b>Date:</b> April 26, 2017
	40	1		·
su	43 btotal first pa	ge		
0	43	Metric 5. Special Wetlan	ds.	
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-re Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openi Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water Category 1 Wetland. See Question	estricted hydro ings) (10) atened or enda fowl habitat or 1 Qualitative R	angered species (10) usage (10) ating (-10)
2	45			erspersion, microtopography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.		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
		0 Emergent		vegetation and is of moderate quality, or comprises a
		0 Shrub		significant part but is of low quality
		0 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
		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)	11100	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)	riigii	
		` ′		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)		
		Absent (1)		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)
		O Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more
		Standing dead >25cm (10in) dbh		
		Amphibian breeding pools	Microtopog	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
			3	Present in moderate or greater amounts
				and of highest quality

Site: WOH-234		Rater(s): BRH & TPM	<b>Date:</b> April 26, 2017
1 1	Metric 1. Wetland A	rea (size).	
max 6 pts. subtotal	Select one size class and assign scol	0.2ha) (5 pts) ha) (4 pts) ) (3 pts) 2ha) (2pts)	
12 13	Metric 2. Upland bu	ffers and surrounding land 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 o ✓ LOW. Old field (>10 years) MODERATELY HIGH. Res	Select only one and assign score. Do not double check. m (164ft) or more around wetland perimeter (7) 25m to <50m (82 to <164ft) around wetland perimeter (4) e 10m to <25m (32ft to <82ft) around wetland perimeter (1) average <10m (<32ft) around wetland perimeter (0). Select one or double check and average. r older forest, prairie, savannah, wildlife area, etc. (7) s, shrub land, young second growth forest. (5) sidential, fenced pasture, park, conservation tillage, new falled per pasture, row cropping, mining, construction. (1)	ow field. (3)
18 31	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 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 hydrologi None or none apparent (12 Recovered (7) Recovering (3) Recent or no recovery (1)	to e water (3)  to e water (3)  to e or stream) (5)  to or stream) (5)	ain (1)  //lake and other human use (1)  //lake and other human use (1)  rupland (e.g. forest), complex (1)  rupland corridor (1)  ruration. Score one or dbl check ently inundated/saturated (4)  ited/saturated (3)  lated (2)  ated in upper 30cm (12in) (1)
		weir dredging other other	
12 43	Metric 4. Habitat Al	teration and Development.	
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 (2)		
43 subtotal this pa	•	Check all disturbances observed	atic bed removal

Site: W	OH-234	Rater(s	s): BRH & <sup>-</sup>	ГРМ	<b>Date:</b> April 26, 2017
	43 btotal first pa	ge			
0	43	Metric 5. Special Wetland	ds.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-ur Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openii Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water f Category 1 Wetland. See Question 1	stricted hydrol ngs) (10) atened or enda fowl habitat or Qualitative Ra	ogy (5)  ngered species (10)  usage (10)  ating (-10)	
4	47	Metric 6. Plant communi	ties, inte	erspersion, microto	pography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation (	Community Cover Scale	
		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.24	71 acres) contiguous area
		Aquatic bed Emergent Shrub	1	Present and either comprises sma vegetation and is of moderate q significant part but is of low qual	uality, or comprises a
		1 Forest	2	Present and either comprises sign	•
		Mudflats Open water	۷	vegetation and is of moderate que part and is of high quality	
		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.		3 1 7	-
		High (5)	Narrative De	escription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predomin	nance of nonnative or
		Moderate (3)		disturbance tolerant native spec	
		Moderately low (2)	mod	Native spp are dominant compone	
		✓ Low (1)		although nonnative and/or distu	=
		None (0)		can also be present, and specie	
		6c. Coverage of invasive plants. Refer		moderately high, but generally w	•
		to Table 1 ORAM long form for list. Add		threatened or endangered spp	
		or deduct points for coverage	high	A predominance of native species	s, with nonnative spp
		Extensive >75% cover (-5)	J	and/or disturbance tolerant nativ	
		Moderate 25-75% cover (-3)		absent, and high spp diversity a	• •
		Sparse 5-25% cover (-1)		the presence of rare, threatened	
		Nearly absent <5% cover (0)		, , , , , , , , , , , , , , , , , , , ,	,
		✓ 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.	1	Low 0.1 to <1ha (0.247 to 2.47 ac	res)
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	
		0 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	<del></del> _
		Standing dead >25cm (10in) dbh  Amphibian breeding pools	Microtopogi	raphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if n of marginal quality	
			2	Present in moderate amounts, but quality or in small amounts of his	_
			3	Present in moderate or greater an	nounts
				and of highest quality	

Site: W	OH-235	Rater(s): BRH & TPM	<b>Date:</b> April 26, 2017
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)	
12	13	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 HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)	ow field. (3)
17	30	Metric 3. Hydrology.	
max 30 pts.	subtotal	✓       Precipitation (1)       ✓       Part of wetland/u         ✓       Perennial surface water (lake or stream) (5)       3d. Duration inundation/sat         3c. Maximum water depth. Select only one and assign score.       ✓       Semi- to permandation/sat         >0.7 (27.6in) (3)       Regularly inundation/sat         ✓       <0.4 to 0.7m (15.7 to 27.6in) (2)	ain (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)
13	43	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) Recovered (6) Recovering (3) Recent or no recovery (1) Recovering (2) Recovering (3) Recovering (3) Recovering (3) Recovering (4) Recovering (5) Recovering (6) Recovering (7) Recovering (8) Recovering (9) Recovering	
	43 btotal this pa	selective cutting dredging woody debris removal farming toxic pollutants nutrient enrichments	ent
last revised	1 Februa	√y 2001 jjm	

### Wetric 5. Special Wetlands  O 43    Metric 5. Special Wetlands   Bog (19)	Site: WO	DH-235	Rater(	s): BRH &	TPM <b>Date:</b> April 26, 2017	,
Metric 5. Special Wetlands.  Check all that apply and score as indicated.  Fen (10) Clig growth forest (10) Mature forested wetland (5) Lake Eric coastal/influtary wetland-unrestricted hydrology (10) Lake Eric coastal/influtary wetland-unrestricted hydrology (10) Lake Eric coastal/influtary wetland-unrestricted hydrology (5) Lake Eric coastal/influtary wetland-unrestricted hydrology (5) Lake Eric coastal/influtary wetland-unrestricted hydrology (5) Lake Eric coastal/influtary wetland-unrestricted hydrology (10) Repict Wet Prairies (10) Repict Wet Prairies (10) Repict Wet Prairies (10) Repict Wet Prairies (10) Repict Wetland See Question 1 Qualitative Rating (-10)  Metric 6. Plant communities, interspersion, microtopography.  Wetland Vegetation Communities, interspersion, microtopography.  Wetland Vegetation Communities, interspersion, microtopography.  Vegetation Community Cover Scale  A Muditals Doen water Dohnr Dohnr Select only one.  High (5) Moderately high (4) Modera		40	]	•	,	
Check all that apply and score as indicated.    Sog (10)	sub		ge			
Bog (10)	0	43	Metric 5. Special Wetlan	ds.		
Lake Eric coastalt/ributary wetland-unrestricted hydrology (10) Lake Plain Sand Prairies (Oak Openings) (10) Relict We Prairies (10) Relict Wel Prairies (10) Relict Wel Prairies (10) Relict Wel Prairies (10) Significant migratory songbird/water fow habitat or usage (10) Category 1 Wetland. See Question 1 Qualitative Rating (-10)  Metric 6. Plant communities, interspersion, microtopography.  Wegetation Communities, interspersion, microtopography.  Score all present using 0 to 3 scale. Aduatio bed Emergent Shrub 1 Forest Mucifiats Open water Other	max 10 pts.	subtotal	Bog (10) Fen (10) Old growth forest (10)			
Category 1 Wetland. See Question 1 Qualitative Rating (-10)   Metric 6. Plant communities, interspersion, microtopography.   Ga. Wetland Vegetation Communities. Score all present using 0 to 3 scale.     Aquatic bed   Emergent   Shrub   1   Forest   Mudflats   Open water   Other   Oth			Lake Erie coastal/tributary wetland-u Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openi Relict Wet Prairies (10) Known occurrence state/federal threa	estricted hydro ings) (10) atened or enda	angered species (10)	
Vegetation Community Cover Scale  Score all present using 0 to 3 scale.  Aquatic bed Emergent Emergent Shrub 1 Forest Mudflats Open water Other Other High (6) Moderately high (4) Moderatel (3) Moderatel (4) Moderatel (5) Moderatel (5) Moderatel (6)  Extensive >75% cover (-5) Neary absent <5% cover (-1) Absent (1) to <1ha (0.247 to 2.47 acres) Wudflat and Open Water Class Quality  Mudflat and Open Water Class Quality  Microtopography Cover Scale  Microtopography Cover S					<del>-</del> · · ·	
Score all present using 0 to 3 scale.  Aquatic bed Emergent Shrub 1 Forest Mudflats Open water Other Other High (5) Moderately high(4) Moderately high(4) Moderately high(4) Moderately how (2) V Low (1) None (0) 6c. Coverage of invasive plants, Refer to Table 1 ORAM long form for list. Add or deduct points for coverage Extensive >75% cover (-5) Moderate 2 > 75% cover (-5) Moderate 2 > 75% cover (-5) Moderate 2 > 75% cover (-1) Nearly absent < 5% cover (-1) Nearly absent < 5% cover (-1) Standing dead >25cm (10in) dbh 1 Amphiblan breeding pools  Moderate in moderate would be a series of the first own of the present using 0 to 3 scale.  Wegetated humnucks/tussucks O Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh 1 Amphiblan breeding pools  Microtopography.  Score all present using 0 to 3 scale.  Wegetated humnucks/tussucks O Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh 1 Amphiblan breeding pools  Microtopography Cover Scale  O Absent  Present and either comprises semall part of wetland's vegetation and either comprises a significant part of wetland's vegetation and is of high quality or comprises a significant part but is of low quality or comprises as small part and is of high quality  Neresent and either comprises semall part of wetland's vegetation and is of hoderate quality or comprises a significant part but is of low quality  Neresent and either comprises semall part of wetland's vegetation and is of high quality.  Present and either comprises semall part of wetland's vegetation and is of high quality or comprises as manl part and is of high quality.  Present and either comprises semal part of wetland's vegetation and is of high quality or comprises as manl part and is of high quality.  Narrative Description of Vegetation Quality  Iow Low spp diversity and/or predominance of nonnative or disturbance tolerant native spp can also be present, and species diversity and for high quality or presence of rare threatened or endangered spp  Microtopography (2-2 from Quality)  A present	4	47	, <u> </u>			
Score all present using 0 to 3 scale.  Aquatic bed Emergent Shrub I Forest Mudflats Open water Other Other High (5) Moderately high(4) Moderately low (2) V Low (1) None (0) Cc. Coverage of invasive plants, Refer to Table 1 Ozhafi coverage of invasive plants, Refer to Table 1 Ozhafi (point point part) Extensive >75% cover (-5) Moderate 28-75% cover (-5) Moderate 28-75% cover (-1) Nearly absent <5% cover (0) V Absent (1) Gd. Microtopography. Score all present using 0 to 3 scale.  Wegetation and is of moderate quality or comprises a small part and is of high quality I Present and comprises significant part of wetland's vegetation and is of high quality or comprises a small part and is of high quality or comprises a small part and is of high quality or comprises a small part and is of high quality or comprises a small part and is of high quality or comprises a small part and is of high quality or comprises a small part and is of high quality or comprises a small part and is of high quality or comprises a small part and is of high quality or comprises a small part and is of high quality or comprises a significant part of wetland's vegetation and is of moderate quality or comprises a significant part of wetland's vegetation and is of moderate quality or comprises a significant part of wetland's vegetation and is of high quality or comprises a significant part of wetland's vegetation and is of moderate quality or comprises a significant part but is of low quality.  Narrative Description of Vegetation and is of moderate quality or comprises a significant part but is of low quality.  Narrative Description of Vegetation and is of moderate quality or comprises a significant part of wetland's vegetation and is of moderate quality or comprises a small part and is of high quality or comprises a small part and is of high quality or comprises a small part and is of high quality.  I Present and either comprises a small part of wetland's vegetation and is of high quality.  I Present and either comprise and side part and is of hi	max 20 pts.	subtotal	Metland Vegetation Communities	Vegetation	Community Cover Scale	
Aquatic bed Emergent Emergent Shrub  1 Forest Mudflats Open water Other Other Other High (5) Moderately high(4) Moderately high(4) Moderately high (6) None (1) Extensive >75% cover (3) Spares 5-25% cover (-5) Moderate 25-75% cover (-5) Moderate 25-75% cover (-7) None (1) Extensive >75% cover (-7) Nearly absent <5% cover (-7) Nearly absent <5% cover (-7) Nearly absent <5% cover (-1) Nearly absent <5% cover (-1) Nearly absent <5% cover (-1) Narrotive Score all present using 0 to 3 scale.  Vegetated naminative species of high quality  Iow Low spp diversity and/or predominance of nonnative or disturbance tolerant native species Moderate (3) Moderate 25-75% cover (-5) Moderate 25-75% cover (-5) Moderate 25-75% cover (-1) Nearly absent <5% cover (0) Absent (-1) Amphibian breeding pools  I Amphibian breeding pools  Present and either comprises significant part of wetland's vegetation and is of moderate quality or comprises a small part of wetland's vegetation and is of moderate quality or comprises a small part of wetland's vegetation and is of moderate quality or comprises a significant part but is of low quality  Present and either comprises significant part of wetland's vegetation and is of moderate quality or comprises a small part of wetland's vegetation and is of moderate quality or comprises a small part of wetland's vegetation and is of moderate quality or comprises a small part of wetland's vegetation and is of moderate quality or comprises a small part and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of begetation and is of high quality    ow   Low spp diversity and/or predominance of nonnative or disturbance tolerant native species with nonnative species and or predominance of nonnative and/or disturbance tolerant native species of rare threatened or endangered spp    high   A predominance of native species, with nonnative species and/or disturbance tolerant native species of rare threatened						a
Shrub   1 Forest   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   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   3 Present and comprises significant part, or more, of wetland's vegetation and is of high quality   3 Present and comprises significant part, or more, of wetland's vegetation and is of high quality   3 Present and comprises significant part, or more, of wetland's vegetation and is of high quality   3 Present and comprises significant part, or more, of wetland's vegetation and is of high quality   3 Present and comprises significant part, or more, of wetland's vegetation and is of high quality   3 Present and comprises significant part, or more, of wetland's vegetation and is of high quality   3 Present and either comprises significant part of wetland's vegetation and is of moderate part in an elimpart and is of high quality   3 Present and either comprises significant part of wetland's vegetation and is of high quality   3 Present and either comprises significant part, or more, of wetland's vegetation and is of high quality   3 Present and either comprises significant part, or more, of wetland's vegetation and is of high quality   3 Present and either comprises significant part, or more, of wetland's vegetation and is of high quality   3 Present and either comprises significant part, or more, of wetland's vegetation and is of high quality   3 Present and either comprises significant part, or more, of wetland's vegetation and is of high quality   3 Present and comprises significant part, or more, of wetland's vegetation and is of high quality or comprises a small part and is of high quality or comprises as mall part and is of high extended or or dargeta in and is of high quality or more of wetland's vegetation and is of high quality or comprises as mall part and is of high extended or or dargeta i			Aquatic bed	1		
Forest   Mudflats   Open water   Other   Oth			Emergent		vegetation and is of moderate quality, or comprises a	
Mudflats			Shrub		significant part but is of low quality	
Open water Other O			1 Forest	2	Present and either comprises significant part of wetland's	
Select only one.  High (5) Moderately high(4) Moderately low (2) V Low (1) None (0)  6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add or deduct points for coverage Extensive >75% cover (-5) Moderate 25-75% cover (-5) Moderate 25-75% cover (-1) Nearly absent <5% cover (0) V Absent (1) 6d. Microtopography. Score all present using 0 to 3 scale.  Vegetated humnucks/tussucks 0 Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh 1 Amphibian breeding pools  Any or designating and or or week and or with the standing dead >25cm (10in) dbh 1 Present and comprises significant part, or more, of wetland's vegetation and is of high quality vegetation and is of high quality  Low sp diversity and/or predominance of nonnative or disturbance tolerant native species  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  high A predominance of nonnative 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  A predominance of native species  mod Native spp are dominant component of the vegetation, although nonnative and/or disturbance tolerant native spp and/or disturban			Mudflats		vegetation and is of moderate quality or comprises a sma	all
Vegetation and is of high quality			Open water		part and is of high quality	
Select only one.  High (5) Moderately high(4) Moderatel (3) Moderately low (2) Vow (1) None (0) 6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add or deduct points for coverage Extensive >75% cover (-5) Moderate 25-75% cover (-5) Moderate 25-75% cover (-1) Nearly absent <5% cover (0) Vabsent (1) 6d. Microtopography. Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks Cocarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphiblan breeding pools  Marrative Description of Vegetation Quality  low Low spp diversity and/or predominance of nonnative or disturbance tolerant native spp ean 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  A predominance of native species with nonnative spp 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  A predominance of native species with nonnative spp 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  A predominance of native species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp  A predominance tolerant native spp can also be present, and species diversity moderate to moderate species with nonnative and/or disturbance tolerant native spp can also be present, and species diversity moderate to moderate species with nonnative spp and though monative and/or disturbance tolerant native species with nonnative spp and though monative and/or disturbance toleran			Other	3	Present and comprises significant part, or more, of wetland	's
High (5) Moderately high(4) Moderately low (2) V Low (1) None (0) 6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add or deduct points for coverage Extensive >75% cover (-5) Moderate 25-75% cover (-5) Moderate 25-75% cover (-1) Nearly absent <5% cover (0) V Absent (1) 6d. Microtopography. Score all present using 0 to 3 scale. Vegetated hummucks/tussucks 0 Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh 1 Amphibian breeding pools  High (5)  Moderate (25-75% cover (-3) Sparse 5-25% cover (-1) Nearly absent <5% cover (0) V Absent (1) 6d. Microtopography.  Score all present using 0 to 3 scale. Vegetated hummucks/tussucks 0 Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh 1 Present very small amounts or if more common of marginal quality  Present in moderate amounts, but not of highest quality  Rarrative Description of Vegetation Quality Low spp diversity and/or predominance of nonnative 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  Abpend (7) 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  Absent (1) Low 0.1 to <1ha (0.247 acres)  Mudflat and Open Water Class Quality  0 Absent (1) Low 0.1 to <1ha (0.247 to 2.47 acres)  1 Low 0.1 to <1ha (0.247 to 2.47 acres)  Migh 4ha (9.88 acres) or more  Microtopography Cover Scale  Present in moderate amounts, but not of highest quality or in small amounts of highest quality  Present in moderate or greater amounts			6b. horizontal (plan view) Interspersion.		vegetation and is of high quality	
Moderately high(4)   Moderate (3)   Moderately low (2)			Select only one.			
Moderate (3)   Moderately low (2)   Moderately low (2)   Low (1)   About 10   About 10   About 10   About 10   Amphibian breeding pools      Moderate (3)   Moderately low (2)   Moderately low (2)   About 10   Amphibian breeding pools      Moderately low (2)   Moderate 25-75% cover (-5)   Amphibian breeding pools     Moderately high, but generally w/o presence of rare threatened or endangered spp     Apredominance of native species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp     Apredominance of native species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp     Apredominance of native species     Apredominance of native species				Narrative D	escription of Vegetation Quality	
Moderate (3)   Moderately low (2)   Moderately low (2)   Low (1)   About 10   About 10   About 10   About 10   Amphibian breeding pools      Moderate (3)   Moderately low (2)   Moderately low (2)   About 10   Amphibian breeding pools      Moderately low (2)   Moderate 25-75% cover (-5)   Amphibian breeding pools     Moderately high, but generally w/o presence of rare threatened or endangered spp     Apredominance of native species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp     Apredominance of native species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp     Apredominance of native species     Apredominance of native species						
Moderately low (2)  Low (1) None (0) 6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add or deduct points for coverage Extensive >75% cover (-5) Moderate 25-75% cover (-3) Sparse 5-25% cover (-1) Nearly absent <5% cover (0) Absent (1) 6d. Microtopography. Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Moderate 25-60  Moderate 25-60  Rearly absent (-1) Amphibian breeding pools  Mudflat and Open Water Class Quality  Mudflat and Open Water Class Quality  Mudflat and Open Water Class Quality  Absent (-1) Absent (-1) Amphibian breeding pools  Microtopography Cover Scale  Microtopography Cover Scale  Microtopography Cover Scale  Microtopography Cover Scale  Amphibian breeding pools  Microtopography Cover Scale  O Absent  Present in moderate amounts, but not of highest quality  Present in moderate or greater amounts						
Low (1)			` '	mod	•	
Absent (1)  Word (2)  Can also be present, and species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp  Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)  Nearly absent <5% cover (0)  Absent (1)  Gd. Microtopography.  Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks  O Coarse woody debdris >15cm (6in)  Standing dead >25cm (10in) dbh  1 Amphibian breeding pools  Microtopography Cover Scale  O Absent  Present very small amounts or if more common of marginal quality  Present in moderate amounts, but not of highest quality  Present in moderate or greater amounts			<b>├───</b>			)
6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add or deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3) Sparse 5-25% cover (-1) Nearly absent <5% cover (0) Absent (1)  6d. Microtopography.  Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks O Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography Cover Scale  Migh A predominance of native species, with nonnative spp 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  Mudflat and Open Water Class Quality  0 Absent <0.1ha (0.247 acres) 1 Low 0.1 to <1ha (0.247 to 9.88 acres) 2 Moderate 1 to <4ha (2.47 to 9.88 acres) 3 High 4ha (9.88 acres) or more  Microtopography 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			` ` '			
to Table 1 ORAM long form for list. Add or deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3) Sparse 5-25% cover (-1) Nearly absent <5% cover (0)  Absent (1)  6d. Microtopography.  Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks 0 Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh 1 Amphibian breeding pools  Microtopography Cover Scale  1 Low 0.1 to <1ha (0.247 to 9.88 acres)  Microtopography 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  3 Present in moderate or greater amounts						
or deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)  Nearly absent <5% cover (0)  Absent (1)  Gd. Microtopography.  Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks  Coarse woody debris >15cm (6in)  Standing dead >25cm (10in) dbh  1 Amphibian breeding pools  Microtopography Cover Scale  Microtopography Cover Scale  Microtopography Cover Scale  Present in moderate amounts of highest quality  2 Present in moderate or greater amounts					, , , , ,	
Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)  Nearly absent <5% cover (0)  / Absent (1)  6d. Microtopography.  Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks  0 Coarse woody debris >15cm (6in)  Standing dead >25cm (10in) dbh  1 Amphibian breeding pools  Microtopography Cover Scale  Microtopography Cover Scale  Microtopography Cover Scale  Microtopography 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			_	high	9 11	
Moderate 25-75% cover (-3) Sparse 5-25% cover (-1) Nearly absent <5% cover (0)  ✓ Absent (1)  6d. Microtopography. Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks 0 Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh 1 Amphibian breeding pools  Microtopography Cover Scale  Microtopography Cover Scale  Microtopography 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			<u></u>	9		
Sparse 5-25% cover (-1) Nearly absent <5% cover (0) Absent (1)  6d. Microtopography. Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography Cover Scale  Microtopography Cover Scale  Microtopography Cover Scale  Microtopography Cover Scale  Description:  Mudflat and Open Water Class Quality  Absent <0.1ha (0.247 acres)  Moderate 1 to <4ha (2.47 to 9.88 acres)  High 4ha (9.88 acres) or more  Microtopography Cover Scale  Description:  Microtopography Cover Scale  Description:  Present very small amounts or if more common of marginal quality  Present in moderate amounts, but not of highest quality or in small amounts of highest quality  Present in moderate or greater amounts			` ′			
Nearly absent <5% cover (0) Absent (1)  6d. Microtopography.  Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography Cover Scale  Microtopography Cover Scale  Microtopography Cover Scale  Absent  Present very small amounts or if more common of marginal quality  Present in moderate amounts, but not of highest quality  Present in moderate or greater amounts			` '			
Absent (1) 6d. Microtopography. Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Mudflat and Open Water Class Quality  0 Absent <0.1ha (0.247 acres) 1 Low 0.1 to <1ha (0.247 to 2.47 acres) 2 Moderate 1 to <4ha (2.47 to 9.88 acres) 3 High 4ha (9.88 acres) or more  Microtopography 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 processed of raise, amountaining, or amounting or or app	
6d. Microtopography. Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography Cover Scale  Microtopography Cover Scale  Microtopography Cover Scale  Present very small amounts or if more common of marginal quality  Present in moderate amounts, but not of highest quality or in small amounts of highest quality  Present in moderate or greater amounts				Mudflat and	l Open Water Class Quality	
Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography Cover Scale  Description of marginal quality Present in moderate amounts of highest quality  Present in moderate or greater amounts						
Vegetated hummucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography Cover Scale  O Absent Present very small amounts or if more common of marginal quality Present in moderate amounts, but not of highest quality or in small amounts of highest quality  Present in moderate or greater amounts					, ,	
Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography Cover Scale  O Absent  Present very small amounts or if more common of marginal quality  Present in moderate amounts, but not of highest quality or in small amounts of highest quality  3 Present in moderate or greater amounts			i	2	,	
Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography 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						
Amphibian breeding pools    Microtopography Cover Scale					7	
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			· · · · · · · · · · · · · · · ·	Microtopoa	raphy Cover Scale	
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						
2 Present in moderate amounts, but not of highest quality or in small amounts of highest quality  3 Present in moderate or greater amounts				1	Present very small amounts or if more common	
3 Present in moderate or greater amounts				2	Present in moderate amounts, but not of highest	
				3		
				ŭ		

Site: WOH-236	Rater(s): BRH & TPM	<b>Date:</b> April 27, 2017
3 3	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)	
13 16	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)  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)
19 35	Metric 3. Hydrology.	
max 30 pts. subtotal	✓       Precipitation (1)       ✓       Part of wetland/u         ✓       Personal/Intermittent surface water (3)       —       Part of riparian or inpart of riparian or inpa	sin (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)
14 49	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) Check all disturbances observed	
49 subtotal this pa	Recovered (6) Recovering (3) Recent or no recovery (1)	atic bed removal

Site: WOH-236	Rater(	s): BRH &	TPM <b>Date:</b> April 27, 2017
	1		
49			
subtotal first p	age		
0 49	Metric 5. Special Wetlan	ds.	
max 10 pts. subtotal	Check all that apply and score as indicated.		
	Bog (10)		
	Fen (10) Old growth forest (10)		
	Mature forested wetland (5)		
	Lake Erie coastal/tributary wetland-u		
	Lake Erie coastal/tributary wetland-re		logy (5)
	Lake Plain Sand Prairies (Oak Openi Relict Wet Prairies (10)	iligs) (10)	
	Known occurrence state/federal threa	atened or enda	angered species (10)
	Significant migratory songbird/water		
	Category 1 Wetland. See Question		
13 62	Metric 6. Plant communi	ties, int	erspersion, microtopography.
	]	Manadadian	Ourse the Ourse Ourse
max 20 pts. subtotal	6a. Wetland Vegetation Communities. Score all present using 0 to 3 scale.	Vegetation 0	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
	1 Emergent		vegetation and is of moderate quality, or comprises a
	1 Shrub		significant part but is of low quality
	2 Forest Mudflats	2	Present and either comprises significant part of wetland's vegetation and is of moderate quality or comprises a small
	Open water		part and is of high quality
	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) 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. 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  Extensive >75% cover (-5)	high	A predominance of native species, with nonnative spp 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)	Mudfleten	L Owen Weter Class Ovelity
	Absent (1) 6d. Microtopography.	0	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/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88 acres)
	2 Coarse woody debris >15cm (6in) 1 Standing dead >25cm (10in) dbh	3	High 4ha (9.88 acres) or more
	2 Amphibian breeding pools	Microtopog	raphy Cover Scale
		0	Absent
		1	Present very small amounts or if more common
		2	of marginal quality  Present in moderate amounts, but not of highest
		_	quality or in small amounts of highest quality
		3	Present in moderate or greater amounts
62			and of highest quality
VZ			

Site: WOH-237	Rater(s): BRH & TPM	<b>Date:</b> April 27, 2017
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)  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)  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 this park is the forest of the forest in the fallow th	ow field. (3)
19 22	Metric 3. Hydrology.	
max 30 pts. subtotal	<ul> <li>✓ Precipitation (1)</li> <li>✓ Seasonal/Intermittent surface water (3)</li> <li>✓ Perennial surface water (lake or stream) (5)</li> <li>3d. Duration inundation/sat</li> <li>3c. Maximum water depth. Select only one and assign score.</li> <li>✓ Semi- to permand regularly inundation on the permand regularly inundation on the permander of the perma</li></ul>	ain (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)
	weir dredging stormwater input other	
16 38	Metric 4. Habitat Alteration and Development.	
max 20 pts. subtotal	4a. Substrate disturbance. Score one or double check and average.  Variable 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.	
38 subtotal this pa	<u> </u>	atic bed removal

Site: W	OH-237	Rater(	(s): BRH &	TPM <b>Date:</b> April 27, 2017
		1		·
	38			
su	btotal first pa	J gge		
0	38	Metric 5. Special Wetlan	ds.	
max 10 pts.	subtotal	Check all that apply and score as indicated.		
		Bog (10)		
		Fen (10) Old growth forest (10)		
		Mature forested wetland (5)		
		Lake Erie coastal/tributary wetland-u	nrestricted hyd	drology (10)
		Lake Erie coastal/tributary wetland-re		logy (5)
		Lake Plain Sand Prairies (Oak Open Relict Wet Prairies (10)	ings) (10)	
		Known occurrence state/federal threa	atened or enda	angered species (10)
		Significant migratory songbird/water		• • • •
		Category 1 Wetland. See Question	1 Qualitative R	ating (-10)
1	39	Metric 6. Plant communi	ities, int	erspersion, microtopography.
ı	39			
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.		Community Cover Scale
		Score all present using 0 to 3 scale.	<u>0</u>	Absent or comprises <0.1ha (0.2471 acres) contiguous area  Present and either comprises small part of wetland's
		Aquatic bed 0 Emergent	I	vegetation and is of moderate quality, or comprises a
		0 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 Other	3	part and is of high quality  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)		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)	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 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 virtually
		Moderate 25-75% cover (-3)		absent, and high spp diversity and often, but not always,
		Sparse 5-25% cover (-1)  Nearly absent <5% cover (0)		the presence of rare, threatened, or endangered spp
		Absent (1)	Mudflat and	l 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 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		Trigit 4tta (3.00 acres) of thore
		Amphibian breeding pools	Microtopog	raphy Cover Scale
		<u>—</u>	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: WOH-238		Rater(s): BRH & TPM	<b>Date:</b> April 27, 2017
1 1	Metric 1. Wetland A	area (size).	
max 6 pts. subtotal	Select one size class and assign sco	) 20.2ha) (5 pts) Iha) (4 pts) a) (3 pts) .2ha) (2pts) 50.12ha) (1 pt)	
14 15	Metric 2. Upland bu	iffers and surrounding land 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 double check. Im (164ft) or more around wetland perimeter (7) a 25m to <50m (82 to <164ft) around wetland perimeter (4) the 10m to <25m (32ft to <82ft) around wetland perimeter (1) average <10m (<32ft) around wetland perimeter (0) as Select one or double check and average. For older forest, prairie, savannah, wildlife area, etc. (7) shrub land, young second growth forest. (5) sidential, fenced pasture, park, conservation tillage, new fall pen pasture, row cropping, mining, construction. (1)	
14 29	Metric 3. Hydrology		
max 30 pts. subtotal	None or none apparent (12 Recovered (7)	100 year floodpland   2	ain (1) //lake and other human use (1) upland (e.g. forest), complex (1) or upland corridor (1) turation. Score one or dbl check lently inundated/saturated (4) ated/saturated (3) dated (2) rated in upper 30cm (12in) (1)
	Recovering (3) Recent or no recovery (1)	tile filling/grading road bed/RR trade dredging stormwater input other	ck
16 45	Metric 4. Habitat Al	teration and Development.	
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		
45 subtotal this pa	•	mowing shrub/sapling rel	atic bed removal

Site: W	OH-238	Rater(s	s): BRH & 7	ГРМ	<b>Date:</b> April 27, 2017
	45 btotal first pa				
0	45	Metric 5. Special Wetland	ds.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-ur Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openii Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water f Category 1 Wetland. See Question 1	stricted hydrol ngs) (10) itened or enda owl habitat or Qualitative Ra	ogy (5)  ngered species (10)  usage (10)  ating (-10)	
2	47	Metric 6. Plant communi	ties, inte	erspersion, microto	pography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation (	Community Cover Scale	
		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.24	71 acres) contiguous area
		Aquatic bed  Emergent  Shrub	1	Present and either comprises sma vegetation and is of moderate q significant part but is of low qual	uality, or comprises a
		Forest	2	Present and either comprises sign	-
		Mudflats Open water	2	vegetation and is of moderate que part and is of high quality	
		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.	-	regetation and to or might quality	
		High (5)	Narrative De	escription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predomir	nance of nonnative or
		Moderate (3)	10**	disturbance tolerant native spec	
		Moderately low (2)	mod	Native spp are dominant compone	
		✓ Low (1)	mod	although nonnative and/or distu	
		None (0)		can also be present, and specie	
		6c. Coverage of invasive plants. Refer		moderately high, but generally w	•
		to Table 1 ORAM long form for list. Add		threatened or endangered spp	we procedure of fair
		or deduct points for coverage	high	A predominance of native species	with nonnative spp
		Extensive >75% cover (-5)		and/or disturbance tolerant nativ	
		Moderate 25-75% cover (-3)		absent, and high spp diversity a	• •
		Sparse 5-25% cover (-1)		the presence of rare, threatened	
		Nearly absent <5% cover (0)		, , , , , , , , , , , , , , , , , , , ,	.,
		✓ 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.	1	Low 0.1 to <1ha (0.247 to 2.47 ac	res)
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	
		Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		Standing dead >25cm (10in) dbh		, - , - , - , - , - , - , - , - , - , -	
		Amphibian breeding pools	Microtopogi	raphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if no of marginal quality	nore common
			2	Present in moderate amounts, but quality or in small amounts of his	_
			3	Present in moderate or greater an	
				and of highest quality	

Site: W	OH-239		Rater(s): BRH & TPM	<b>Date:</b> April 27, 2017
3	3	Metric 1. Wetland A	area (size).	
max 6 pts.	subtotal	Select one size class and assign sco	) 20.2ha) (5 pts) Iha) (4 pts) a) (3 pts) .2ha) (2pts) <0.12ha) (1 pt)	
14	17	Metric 2. Upland bu	iffers and surrounding land use.	
max 14 pts.	subtotal	<ul> <li>WIDE. Buffers average 50</li> <li>MEDIUM. Buffers average</li> <li>NARROW. Buffers average</li> <li>VERY NARROW. Buffers</li> <li>2b. Intensity of surrounding land use</li> <li>VERY LOW. 2nd growth of LOW. Old field (&gt;10 years</li> <li>MODERATELY HIGH. Re</li> </ul>	Select only one and assign score. Do not double check. Im (164ft) or more around wetland perimeter (7) to 25m to <50m (82 to <164ft) around wetland perimeter (4) to 10m to <25m (32ft to <82ft) around wetland perimeter (1) average <10m (<32ft) around wetland perimeter (0) to 25m (32ft) around wetland perimeter (0) to 25m (32ft) around wetland perimeter (1) average <10m (<32ft) around wetland perimeter (0) to 35m (32ft) around wetland perimeter (1) average <10m (substituting the second of the second perimeter (1) around the second perimeter (1) around the second perimeter (2) second perimeter (3) sidential, fenced pasture, park, conservation tillage, new fall pen pasture, row cropping, mining, construction. (1)	
25	42	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 surfa Perennial surface water (la 3c. Maximum water depth. Select or No.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) <0.4m (<15.7in) (1) 3e. Modifications to natural hydrolog None or none apparent (12 Recovered (7) Recovering (3) Recent or no recovery (1)	ace water (3)  like or stream) (5)  nly one and assign score.  l) (2)  lice regime. Score one or double check and average.	ain (1) //lake and other human use (1) upland (e.g. forest), complex (1) or upland corridor (1) turation. Score one or dbl check nently inundated/saturated (4) ated/saturated (3) dated (2) rated in upper 30cm (12in) (1)
15	57	Metric 4. Habitat Al	stormwater input otherotherlteration and Development.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score or  Vone or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select onl Excellent (7) Very good (6) V Good (5) Moderately good (4) Fair (3) Poor to fair (2)	ne or double check and average.	
ſ		Poor (1)  4c. Habitat alteration. Score one or  None or none apparent (9)  Recovered (6)  Recovering (3)  Recent or no recovery (1)	Check all disturbances observed shrub/sapling rel	moval atic bed removal
	57	*	woody debris removal farming nutrient enrichm	ent
last revised	1 Februa	y 2001 jjm		

Site: WOH-2	239	Rater	(s): BRH &	TPM	<b>Date:</b> April 27, 2017
5 subtotal fi		e			
5 6	2	Metric 5. Special Wetlan	ids.		
max 10 pts. subt		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-Lake Erie coastal/tributary wetland-Lake Plain Sand Prairies (Oak Oper Relict Wet Prairies (10) Known occurrence state/federal thre Significant migratory songbird/water Category 1 Wetland. See Question	estricted hydro nings) (10) eatened or enda fowl habitat or 1 Qualitative R	angered species (10) usage (10) Rating (-10)	
18 80	0	Metric 6. Plant commun	ities, int	erspersion, microto	pography.
max 20 pts. subto	otal	6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
,		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.24	171 acres) contiguous area
		Aquatic bed	1	Present and either comprises sma	
		2 Emergent		vegetation and is of moderate q	
		3 Shrub		significant part but is of low qua	
		2 Forest	2	Present and either comprises sign	nificant part of wetland's
		Mudflats		vegetation and is of moderate q	
		Open water		part and is of high quality	
		Other	3	Present and comprises significan	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 predomi	nance of nonnative or
		✓ Moderate (3)		disturbance tolerant native spec	
		Moderately low (2)	mod	Native spp are dominant compon-	ent of the vegetation,
		Low (1)		although nonnative and/or distu	
		None (0)		can also be present, and specie	
		6c. Coverage of invasive plants. Refer		moderately high, but generally v	v/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	s, with nonnative spp
		Extensive >75% cover (-5)	· ·	and/or disturbance tolerant nativ	
		Moderate 25-75% cover (-3)		absent, and high spp diversity a	
		Sparse 5-25% cover (-1)		the presence of rare, threatened	•
		Nearly absent <5% cover (0)		, , , , , , , , , , , , , , , , , , , ,	J r r
		✓ 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.	1	Low 0.1 to <1ha (0.247 to 2.47 ac	res)
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	
		2 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		2 Standing dead >25cm (10in) dbh			
		2 Amphibian breeding pools	Microtopog	graphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if	more common
				of marginal quality	
			2	Present in moderate amounts, bu	t not of highest
				quality or in small amounts of hi	_
			3	Present in moderate or greater ar	
				and of highest quality	
80					

Site: WOH-2	240		Rater(s): BRH & TPM	<b>Date:</b> April 27, 2017
2 2	<u> </u>	etric 1. Wetland Ar	rea (size).	
max 6 pts. subt	otal Se	lect one size class and assign score	.2ha) (5 pts) a) (4 pts) (3 pts) ha) (2pts)	
1 3	<sub>3</sub> M	etric 2. Upland buf	fers and surrounding land use.	
max 14 pts. subt	20,	WIDE. Buffers average 50m MEDIUM. Buffers average 2 NARROW. Buffers average VERY NARROW. Buffers average VERY LOW. 2nd growth or LOW. Old field (>10 years), MODERATELY HIGH. Resi	elect only one and assign score. Do not double check.  (164ft) or more around wetland perimeter (7) 25m to <50m (82 to <164ft) around wetland perimeter (4) 10m to <25m (32ft to <82ft) around wetland perimeter (1) verage <10m (<32ft) around wetland perimeter (0) Select one or double check and average. older forest, prairie, savannah, wildlife area, etc. (7) shrub land, young second growth forest. (5) dential, fenced pasture, park, conservation tillage, new faller pasture, row cropping, mining, construction. (1)	ow field. (3)
18 2	<sub>1</sub> M	etric 3. Hydrology.		
max 30 pts. subt	Зс.	Sources of Water. Score all that a High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface Perennial surface water (lake Maximum water depth. Select only 0.4 to 0.7m (15.7 to 27.6in) (10) Modifications to natural hydrologic None or none apparent (12) Recovered (7) Recovering (3) Recent or no recovery (1)	a to perman series of the perm	ain (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)
17 38	8 N	letric 4. Habitat Alt	eration and Development.	
max 20 pts. subt	otal 4a.	Substrate disturbance. Score one  None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) Habitat development. Select only Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2)		
	4c.	Poor (1) Habitat alteration. Score one or do None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)	Check all disturbances observed mowing shrub/sapling rer grazing herbaceous/aqua clearcutting sedimentation	
36 subtotal t	his page		selective cutting dredging woody debris removal farming toxic pollutants nutrient enrichment	ent
last revised 1 Fel	bruary 2	001 jjm		

Site: WOH-240	Rater(s	s): BRH &	TPM	<b>Date:</b> April 27, 2017
38 subtotal first page				
5 43 <b>M</b> 6	etric 5. Special Wetland	ds.		
max 10 pts. subtotal Chec	ck all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10)  Mature forested wetland (5) Lake Erie coastal/tributary wetland-un Lake Erie coastal/tributary wetland-re: Lake Plain Sand Prairies (Oak Openir Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water for	stricted hydrol ngs) (10) tened or enda owl habitat or	ogy (5) Ingered species (10) usage (10)	
9 52 <b>M</b> 6	etric 6. Plant communit	ties, inte	erspersion, microto	pography.
max 20 pts. subtotal 6a. \	Wetland Vegetation Communities.	Vegetation (	Community Cover Scale	
Score	e all present using 0 to 3 scale.  Aquatic bed Emergent Shrub	1	Absent or comprises <0.1ha (0.24  Present and either comprises sma vegetation and is of moderate qualificant part but is of low qual	all part of wetland's uality, or comprises a
	2 Forest Mudflats 1 Open water	2	Present and either comprises sign vegetation and is of moderate quart and is of high quality	ificant part of wetland's
6b. r	Other horizontal (plan view) Interspersion.	3	Present and comprises significant vegetation and is of high quality	part, or more, of wetland's
Selec	ct only one.		•	
	High (5)	Narrative De	escription of Vegetation Quality	
	Moderately high(4) Moderate (3)	low	Low spp diversity and/or predomir disturbance tolerant native spec	
	Moderately low (2)  Low (1)  None (0)	mod	Native spp are dominant compone although nonnative and/or distur- can also be present, and specie	bance tolerant native spp
	Coverage of invasive plants. Refer		moderately high, but generally we threatened or endangered spp	u/o presence of rare
or de	Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)	high	A predominance of native species and/or disturbance tolerant nativ absent, and high spp diversity a the presence of rare, threatened	e spp absent or virtually nd often, but not always,
-	Nearly absent <5% cover (0)	Mudflot and	Open Water Class Quality	
Ed 1	/_Absent (1) Microtopography.	0	Open Water Class Quality Absent <0.1ha (0.247 acres)	
	e all present using 0 to 3 scale.	1	Low 0.1 to <1ha (0.247 to 2.47 ac	res)
	Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	
-	Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
	Standing dead >25cm (10in) dbh			
	2 Amphibian breeding pools		raphy Cover Scale	
		0 1	Absent Present very small amounts or if n	nore common
		2	of marginal quality  Present in moderate amounts, but	not of highest
		3	quality or in small amounts of his	ghest quality
52			and of highest quality	

Site: W	OH-241	Rater(s): BRH & TPM	<b>Date:</b> April 27, 2017
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)	
13	14	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)  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)
19	33	Metric 3. Hydrology.	
max 30 pts.	subtotal	✓       Precipitation (1)       Part of wetland/u         ✓       Personal/Intermittent surface water (3)       ✓       Part of riparian or injunction/sate         3c. Maximum water depth. Select only one and assign score.       Semi- to permane         >0.7 (27.6in) (3)       ✓       Regularly injunction         0.4 to 0.7m (15.7 to 27.6in) (2)       Seasonally injunction	nin (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) lated in upper 30cm (12in) (1)
		weir dredging stormwater input other	
10	43	Metric 4. Habitat Alteration and Development.	
max 20 pts.	subtotal	<ul> <li>4a. Substrate disturbance. Score one or double check and average.</li> <li>✓ None or none apparent (4)</li> <li>Recovered (3)</li> <li>Recovering (2)</li> <li>Recent or no recovery (1)</li> <li>4b. Habitat development. Select only one and assign score.</li> <li>Excellent (7)</li> <li>Very good (6)</li> <li>Good (5)</li> <li>Moderately good (4)</li> <li>✓ Fair (3)</li> <li>Poor to fair (2)</li> <li>Poor (1)</li> <li>4c. Habitat alteration. Score one or double check and average.</li> </ul>	
	43	None or none apparent (9)  Recovered (6)  Recovering (3)  Recent or no recovery (1)	atic bed removal
SU	btotal this pa		

last revised 1 February 2001 jjm

Site: WO	OH-241	Rater(	s): BRH & T	ГРМ	<b>Date:</b> April 27, 2017
	43 btotal first pa		,		
0	43	Metric 5. Special Wetland	ds.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-ur Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openii Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water f Category 1 Wetland. See Question 1	stricted hydrolo ngs) (10) atened or endal fowl habitat or u Qualitative Ra	ngered species (10) usage (10) ating (-10)	
3	46	Metric 6. Plant communi	ties, inte	erspersion, microto	pography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation C	Community Cover Scale	
		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.24	71 acres) contiguous area
		Aquatic bed	1	Present and either comprises sma	all part of wetland's
		1 Emergent		vegetation and is of moderate quality	uality, or comprises a
		1 Shrub		significant part but is of low qual	lity
		Forest	2	Present and either comprises sign	nificant part of wetland's
		Mudflats		vegetation and is of moderate q	uality or comprises a small
		Open water		part and is of high quality	
		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.		Tragaranan ana ia ar ingir quanty	
		High (5)	Narrative De	escription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predomir	nance of nonnative or
			IOW		
		Moderate (3)		disturbance tolerant native spec	
		Moderately low (2)	mod	Native spp are dominant compone	
		✓ Low (1)		although nonnative and/or distu	
		None (0)		can also be present, and specie	•
		6c. Coverage of invasive plants. Refer		moderately high, but generally w	v/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	
		Extensive >75% cover (-5)		and/or disturbance tolerant nativ	• •
		Moderate 25-75% cover (-3)		absent, and high spp diversity a	
		Sparse 5-25% cover (-1)		the presence of rare, threatened	l, or endangered spp
		✓ Nearly absent <5% cover (0)			
		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.	1	Low 0.1 to <1ha (0.247 to 2.47 ac	res)
		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	Microtopogr	aphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if n of marginal quality	more common
			2	Present in moderate amounts, but quality or in small amounts of high	_
			3	Present in moderate or greater an	
			Ü	and of highest quality	
40				and or manoor quality	

Site: WOH-242		Rater(s): BRH & TPM	<b>Date:</b> April 27, 2017
2 2	Metric 1. Wetland A	area (size).	
max 6 pts. subtotal	Select one size class and assign scores (>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) a) (3 pts) .2ha) (2pts) :0.12ha) (1 pt)	
10 12	Metric 2. Upland bu	iffers and surrounding land use.	ı
max 14 pts. subtotal	WIDE. Buffers average 50  WIDE. Buffers average 50  WEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers 50  WERY NARROW. Buffers 50  WERY LOW. 2nd growth 0  UOW. Old field (>10 years MODERATELY HIGH. Res	Select only one and assign score. Do not double check. m (164ft) or more around wetland perimeter (7) s 25m to <50m (82 to <164ft) around wetland perimeter (4) e 10m to <25m (32ft to <82ft) around wetland perimeter (1) average <10m (<32ft) around wetland perimeter (0) select one or double check and average. To older forest, prairie, savannah, wildlife area, etc. (7) shrub land, young second growth forest. (5) sidential, fenced pasture, park, conservation tillage, new fallepen pasture, row cropping, mining, construction. (1)	
15 27	Metric 3. Hydrology	<b>/.</b>	
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)    3e. Modifications to natural hydrologi None or none apparent (12 Recovered (7) Recovering (3) Recent or no recovery (1)	100 year floodpla	ain (1) //lake and other human use (1) //lake and other human use (1) //lake and other human use (1) // upland (e.g. forest), complex (1) // upland corridor (1) // turation. Score one or dbl check // lently inundated/saturated (4) // sated/saturated (3) // dated (2) // rated in upper 30cm (12in) (1) // instormwater)
	1	weir dredging other other	
9 36	Metric 4. Habitat Al	teration and Development.	
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		
36 subtotal this pa	•	Check all disturbances observed     mowing	atic bed removal

Site: W	OH-242	Rater(	s): BRH & T	ГРМ	<b>Date:</b> April 27, 2017
	36		,		
0	36	Metric 5. Special Wetland	ds.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-ur Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openii Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water f Category 1 Wetland. See Question 1	stricted hydrolo ngs) (10) atened or endal fowl habitat or u Qualitative Ra	ogy (5) ngered species (10) usage (10) ating (-10)	
4	40	Metric 6. Plant communi	ties, inte	erspersion, microto	pography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation 0	Community Cover Scale	
		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.24	71 acres) contiguous area
		Aquatic bed	1	Present and either comprises sma	all part of wetland's
		1 Emergent		vegetation and is of moderate quality	uality, or comprises a
		1 Shrub		significant part but is of low qual	ity
		1 Forest	2	Present and either comprises sign	ificant part of wetland's
		Mudflats		vegetation and is of moderate qu	uality or comprises a small
		Open water		part and is of high quality	
		Other	3	Present and comprises significant	nart or more of wetland's
		6b. horizontal (plan view) Interspersion.	O	vegetation and is of high quality	part, or more, or wettand s
				vegetation and is of high quality	
		Select only one.	Namativa Da	and the set Managerian Anglish	
		High (5)		scription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predomir	
		✓ Moderate (3)		disturbance tolerant native spec	
		Moderately low (2)	mod	Native spp are dominant compone	
		Low (1)		although nonnative and/or distu	bance tolerant native spp
		None (0)		can also be present, and specie	s diversity moderate to
		6c. Coverage of invasive plants. Refer		moderately high, but generally w	v/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 nativ	e spp absent or virtually
		✓ Moderate 25-75% cover (-3)		absent, and high spp diversity a	nd often, but not always,
		Sparse 5-25% cover (-1)		the presence of rare, threatened	I, or endangered spp
		Nearly absent <5% cover (0)			
		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.	1	Low 0.1 to <1ha (0.247 to 2.47 ac	res)
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	
		1 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		Standing dead >25cm (10in) dbh		Triight and (c.ee deree) of more	
		Amphibian breeding pools	Microtopogr	aphy Cover Scale	
		, an princial brocking pools	0	Absent	
			1	Present very small amounts or if n	nore common
			ı	of marginal quality	HOLE COULINOU
			2	Present in moderate amounts, but	t not of highest
			۷	quality or in small amounts of hi	_
			3	Present in moderate or greater an	iounts
40				and of highest quality	

Site: WOH-2	243	F	Rater(s): BRH & TPM	<b>Date:</b> April 27, 2017
1 1	M	etric 1. Wetland Ar	ea (size).	
max 6 pts. subt	otal Sel	ect 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)	
12 13	3 <b>M</b>	etric 2. Upland buf	fers and surrounding land use	
max 14 pts. subt	20.	✓ WIDE. Buffers average 50m MEDIUM. Buffers average 2: NARROW. Buffers average 3: VERY NARROW. Buffers average 3: VERY LOW. Did growth or compared to the com	elect only one and assign score. Do not double check. (164ft) or more around wetland perimeter (7) 5m to <50m (82 to <164ft) around wetland perimeter (4) 10m to <25m (32ft to <82ft) around wetland perimeter (1 terage <10m (<32ft) around wetland perimeter (0) Select one or double check and average. Older forest, prairie, savannah, wildlife area, etc. (7) shrub land, young second growth forest. (5) dential, fenced pasture, park, conservation tillage, new fall n pasture, row cropping, mining, construction. (1)	
7 2	0 <b>M</b>	etric 3. Hydrology.		
max 30 pts. subt	Зс.	Sources of Water. Score all that an High pH groundwater (5) Other groundwater (3) ✓ Precipitation (1) Seasonal/Intermittent surface Perennial surface water (lake Maximum water depth. Select only >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) (2 ✓ <0.4m (<15.7in) (1) Modifications to natural hydrologic None or none apparent (12) Recovered (7) ✓ Recovering (3) Recent or no recovery (1)	2 water (3) 2 or stream) (5) 3 one and assign score.  2 (2) 2 (2) 3 (3) 4 (4) 5 (4) 5 (5) 6 (7) 6 (7) 6 (8) 6 (8) 7 (9) 7 (10) 8 (10) 9	lain (1) h/lake and other human use (1) upland (e.g. forest), complex (1) or upland corridor (1) hturation. Score one or dbl check hently inundated/saturated (4) ated/saturated (3) dated (2) rated in upper 30cm (12in) (1)
7 2	7 <b>M</b>	ا letric 4. Habitat Alte	eration and Development.	
max 20 pts. subt	10.	Substrate disturbance. Score one None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) Habitat development. Select only of Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2)		
	4c.	Poor (1) Habitat alteration. Score one or do None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)	Check all disturbances observed  mowing shrub/sapling regrazing herbaceous/aqu clearcutting sedimentation	emoval latic bed removal
2 subtotal t	this page		selective cutting dredging farming toxic pollutants nutrient enrichm	nent
last revised 1 Fel	bruary 20	JU1 jjm		

Site: W	OH-243	Rater(	<b>s):</b> BRH & '	TPM	<b>Date:</b> April 27, 2017
	<b>27</b> btotal first pa	ge	,		
0	27	Metric 5. Special Wetland	ds.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-ur 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 1 Category 1 Wetland. See Question 1	estricted hydrologs) (10)  atened or endation of the control of th	ingered species (10) usage (10) ating (-10)	
0	27	Metric 6. Plant communi	ties, int	erspersion, microto	pography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.24	71 acres) contiguous area
		Aquatic bed	1	Present and either comprises sma vegetation and is of moderate q significant part but is of low qual	uality, or comprises a
		Forest	2	Present and either comprises sign	-
		Mudflats Open water	۷	vegetation and is of moderate q part and is of high quality	
		Other	3	Present and comprises significant	part, or more, of wetland's
		6b. horizontal (plan view) Interspersion.	· ·	vegetation and is of high quality	part, or more, or motions
		Select only one.		rogotation and to or riight quality	
		High (5)	Narrative Do	escription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predomin	nance of nonnative or
		Moderate (3)	10**	disturbance tolerant native spec	
		Moderately low (2)	mod	Native spp are dominant compone	
		Low (1)	mod	although nonnative and/or distu	
		✓ None (0)		can also be present, and specie	
		6c. Coverage of invasive plants. Refer		moderately high, but generally v	•
		to Table 1 ORAM long form for list. Add		threatened or endangered spp	no processes of fair
		or deduct points for coverage	high	A predominance of native species	with nonnative spp
		Extensive >75% cover (-5)	9	and/or disturbance tolerant nativ	
		Moderate 25-75% cover (-3)		absent, and high spp diversity a	• •
		Sparse 5-25% cover (-1)		the presence of rare, threatened	
		✓ Nearly absent <5% cover (0)		,	3
		Absent (1)	Mudflat and	Open Water Class Quality	
		6d. Microtopography.	0	Absent <0.1ha (0.247 acres)	<del></del>
		Score all present using 0 to 3 scale.	1	Low 0.1 to <1ha (0.247 to 2.47 ac	res)
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	
		Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	<del></del> _
		Standing dead >25cm (10in) dbh			
		Amphibian breeding pools		raphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if r of marginal quality	
			2	Present in moderate amounts, but quality or in small amounts of hi	_
	1		3	Present in moderate or greater an	nounts
				and of highest quality	

Site: WOH-	-244	Rater(s)	: BRH & TPM	<b>Date:</b> April 28, 2017
0	0	letric 1. Wetland Area (siz	e).	
max 6 pts. sub	ototal S	elect 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)  <		
6	6	letric 2. Upland buffers ar	d surrounding I	and use.
max 14 pts. sub		A. Calculate average buffer width. Select only on WIDE. Buffers average 50m (164ft) or m MEDIUM. Buffers average 25m to <50m V NARROW. Buffers average 10m to <25 VERY NARROW. Buffers average <10m to <25 VERY NARROW. Buffers average <10m VERY LOW. 2nd growth or older forest, LOW. Old field (>10 years), shrub land, WODERATELY HIGH. Residential, fence HIGH. Urban, industrial, open pasture, residential, show that the sum of the s	nore around wetland perimeter (82 to <164ft) around wetland m (32ft to <82ft) around wetland in (<32ft) around wetland perimor double check and average. prairie, savannah, wildlife areayoung second growth forest. (§ed pasture, park, conservation	(7) perimeter (4) id perimeter (1) eter (0) i, etc. (7) i) tillage, new fallow field. (3)
13 1	19	letric 3. Hydrology.		•
max 30 pts. sub	3	A. 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)  Maximum water depth. Select only one and as 20.7 (27.6in) (3)  0.4 to 0.7m (15.7 to 27.6in) (2)	(5) 3d. Duration sign score.  Some one or double check and a disturbances observed	ctivity. Score all that apply.  00 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) In inundation/saturation. Score one or dbl check Bemi- to permanently inundated/saturated (4) Begularly inundated/saturated (3) Beasonally inundated (2) Beasonally saturated in upper 30cm (12in) (1) Beasonally saturated in upper 30cm (12in) (1)  Everage.  Coint source (nonstormwater)  Illing/grading  Dad bed/RR track  redging
		storm	nwater input c	ther
		Metric 4. Habitat Alteration	-	ent.
max 20 pts. sub		a. Substrate disturbance. Score one or double of  ✓ None or none apparent (4)  Recovered (3)  Recent or no recovery (1)  Habitat development. Select only one and ass  Excellent (7)  Very good (6)  Good (5)  Moderately good (4)  ✓ Fair (3)  Poor to fair (2)  Poor (1)		
	4	. Habitat alteration. Score one or double check	and average. listurbances observed	
	35 I this page ebruary	Recovered (6) Recovering (3) Recent or no recovery (1) Recovering (3) Recent or no recovery (1) Recovering (3)	ng s ng h cutting s tive cutting c y debris removal s	hrub/sapling removal erbaceous/aquatic bed removal edimentation redging arming utrient enrichment

Metric 5. Special Wetlands.  October all that apply and score as indicated.  Bog (10) Fin (10) Gold growth forest (10) Lake Eric coastal/influstry wetland-unrestricted hydrology (10) Lake Eric coastal/influstry wetland-restricted hydrology (5) Lake Plain Sand Prairies (Oak Openings) (10) Railict Wet Prairies (10) Railict Raili	Site: WC	)H-244	Rater	(s): BRH &	TPM	<b>Date:</b> April 28, 2017
Bog (10)		ototal first pa	ĭ	ıds.		
May 20 pts.  Score all present using 0 to 3 scale.  Aquatic bed  Aquatic bed  Demergent  Shrub  Forest  Other  Other  Other  Shelect only one.  High (5)  Moderately low (2)  Low (1)  Vone (0)  Woderately low (2)  Low (1)  None (0)  Extensive >75% cover (-1)  Noderate 25-75% cover (-1)  Nearly absent <5% cover (0)  Z Absent (1)  Red Microtopography.  Score all present using 0 to 3 scale.  Vegetation Community Cover Scale  0 Absent or comprises <0.1ha (0.2471 acres) contiguous area area with comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality  Present and either comprises significant part of wetland's vegetation and is of moderate quality or comprises a significant part of wetland's vegetation and is of moderate quality or comprises a small part and is of high quality  Nore (1)  Moderately high(4)  Moderately low (2)  Low (1)  Vone (0)  Sore all present using 0 to 3 scale.  Vegetation Community Cover Scale  0 Absent or comprises <0.1ha (0.2471 acres) contiguous area on the delth of moderate quality or comprises a significant part but is of low quality  1 Present and either comprises significant part of wetland's vegetation and is of moderate quality or comprises a significant part of wetland's vegetation and is of moderate quality or comprises a significant part of wetland's vegetation and is of moderate quality or comprises a significant part of wetland's vegetation and is of high quality  Narrative Description of Vegetation Quality  Narrative Descripti	max 10 pts.	subtotal	Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-I Lake Erie coastal/tributary wetland-I Lake Plain Sand Prairies (Oak Oper Relict Wet Prairies (10) Known occurrence state/federal thre Significant migratory songbird/water Category 1 Wetland. See Question	restricted hydro nings) (10) eatened or enda fowl habitat or 1 Qualitative R	angered species (10) susage (10) Rating (-10)	
Score all present using 0 to 3 scale.  Aquatic bed Aquatic bed Aquatic bed Benergent Shrub Forest Mudflats Open water Other Other High (5) Moderately high(4) Moderately low (2) Low (1) None (0) Cc. Coverage of invasive plants. Refer to Table 1 OzAM long form for list. Add or deduct points for coverage Extensive >75% cover (-5) Moderate 25-75% cover (-5) Moderate 25-75% cover (-1) Nearly absent <5% cover (0) Absent or comprises 3 cn.11a (0.2471 acres) Present and either comprises small part of wetland's vegetation and is of moderate quality or comprises a small part and is of high quality Present and comprises significant part of wetland's vegetation and is of high quality or comprises a small part and is of high quality or comprises a small part and is of high quality or comprises a small part and is of high quality or comprises a small part and is of high quality or comprises a small part and is of high quality or comprises a small part and is of high quality or comprises a small part and is of high quality or comprises a small part and is of high quality or comprises a significant part of wetland's vegetation and is of moderate quality or comprises a significant part of wetland's vegetation and is of moderate quality or comprises a significant part of wetland's vegetation and is of high quality or comprises a significant part of wetland's vegetation and is of moderate quality or comprises a significant part of wetland's vegetation and is of moderate quality or comprises a significant part but is of low quality.  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.  Present and is of high quality.  Narrative Description of Vegetation and is of moderate quality or comprises a significant part of wetland's vegetation and is of moderate part of wetland's vegetation and is of high quality or comprise and significant part of wetland's vegetation and is of high quality.  Present and is of high quality.  Present and either c				ř	•	pograpny.
Aquatic bed Emergent Emergent Shrub  I Forest Mudflats Open water Other Other Other High (5) Moderately high(4) Moderately high(4) Moderately low (2) Low (1) V None (0) Extensive >75% cover (-5) Moderate 25-75% cover (-5) Moderate 25-75% cover (-5) Moderate 25-75% cover (-7) Nearly absent <5% cover (-9) V Absent (1) Score all present using 0 to 3 scale. Vegetated name is of high quality  I 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  Narrative Description of Vegetation Quality  Narrative Description of Vegetation Quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality or expectation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality  Narrative Description of Vegetation and is of high quality	max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
Shrub   Shrub   Shrub   Shrub   Shrub   Department   Shrub			Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.24	171 acres) contiguous area
Shrub  □ Forest    Mudflats   Open water   Other			Aquatic bed	1	Present and either comprises sma	all part of wetland's
Dependence of moderate quality or comprises a small part and is of high pat quality or comprises a small part and is of high pat quality or comprises a small part and is of high pat all of high quality or comprises a small part and is of high pat all or sweptations and is of high pat all or sweptations and is of high quality or comprises a small part and so flight pat all or sweptations and is of high pat			o Emergent		vegetation and is of moderate q	uality, or comprises a
wegetation and is of moderate quality or comprises a small part and is of high quality  3 Present and comprises significant part, or more, of wetland's vegetation and is of high quality  3 Present and comprises significant part, or more, of wetland's vegetation and is of high quality  3 Present and comprises significant part, or more, of wetland's vegetation and is of high quality  4 Present and comprises significant part, or more, of wetland's vegetation and is of high quality  5 Vegetation and is of high quality  8 Present and comprises significant part, or more, of wetland's vegetation and is of high quality  9 Vegetation and is of high quality  1 Vegetation and is of high quality  2 Present and comprises significant part, or more, of wetland's vegetation and is of high quality  2 Vegetation and is of high quality  3 Present and comprises as mall part and is of high quality  2 Present and comprises as mall part and is of high early vegetation and is of high quality or disturbance tolerant native species  3 Present and comprises as mall part and is of high early vegetation and is of high early and the part and is of high early vegetation and is of high early and is vegetation and is of high early and is vegetation and is of high early and offen part and is of high early and offen part and is of high early and is of high early and is o			Shrub		significant part but is of low qua	lity
wegetation and is of moderate quality or comprises a small part and is of high quality  3 Present and comprises significant part, or more, of wetland's vegetation and is of high quality  3 Present and comprises significant part, or more, of wetland's vegetation and is of high quality  3 Present and comprises significant part, or more, of wetland's vegetation and is of high quality  4 Present and comprises significant part, or more, of wetland's vegetation and is of high quality  5 Vegetation and is of high quality  8 Present and comprises significant part, or more, of wetland's vegetation and is of high quality  9 Vegetation and is of high quality  1 Vegetation and is of high quality  2 Present and comprises significant part, or more, of wetland's vegetation and is of high quality  2 Vegetation and is of high quality  3 Present and comprises as mall part and is of high quality  2 Present and comprises as mall part and is of high early vegetation and is of high quality or disturbance tolerant native species  3 Present and comprises as mall part and is of high early vegetation and is of high early and the part and is of high early vegetation and is of high early and is vegetation and is of high early and is vegetation and is of high early and offen part and is of high early and offen part and is of high early and is of high early and is o			0 Forest	2		
Open water Other O						
Select only one.    High (5)			<b>├</b>		-	danty or compliced a ornali
Select only one.			' '			
Select only one.    High (5)				3		
High (5)   Moderately high(4)   Moderately high(4)   Moderately low (2)   Low (1)   Low (1)   Answer (2)   Moderately low (2)   Low (1)   Answer (2)   Moderately low (2)   Mone (0)   Answer (2)   Moderately low (3)   Answer (4)   Moderately low (2)   Mone (0)   Answer (4)   Moderately low (6)   Moderately low (7)   Answer (7)   Mone (10)   Moderately low (10)   Moderately low (10)   Answer (10)   Moderately low (					vegetation and is of high quality	'
Moderately high(4)   Moderate (3)   Moderately low (2)   Low (1)   V None (0)			Select only one.			
Moderate (3)   disturbance tolerant native species			High (5)	Narrative D	escription of Vegetation Quality	
Moderately low (2) Low (1) Vone (0) 6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add or deduct points for coverage Extensive >75% cover (-5) Moderate 25-75% cover (-3) Sparse 5-25% cover (-1) Nearly absent <5% cover (0) Absent (1) 6d. Microtopgraphy. Score all present using 0 to 3 scale. Vegetated hummucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Moderate 25-60  Moderate 25-75% cover (-1) Nearly absent <5% cover (0) Absent (1)  Moderate 25-75% cover (-1) Nearly absent <5% cover (0) Absent (1)  Mudflat and Open Water Class Quality  Mudflat and Open Water Class Quality  Absent <0.1ha (0.247 to 2.47 acres)  Moderate 1 to <4ha (2.47 to 9.88 acres)  Microtopography Cover Scale  Microtopography Cover Scale  Microtopography Cover Scale  Microtopography Cover Scale  Amphibian breeding pools  Microtopography Cover Scale  Amphibian breeding pools  Microtopography Cover Scale  O Absent  Present very small amounts or if more common of marginal quality  Present in moderate amounts, but not of highest quality or in small amounts of highest quality  Present in moderate or greater amounts			Moderately high(4)	low	Low spp diversity and/or predomin	nance of nonnative or
Low (1)  Vone (0)  6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add or deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)  Nearly absent <5% cover (0)  V Absent (1)  6d. Microtopography.  Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks  Coarse woody debris >15cm (6in)  Standing dead >25cm (10in) dbh  Momphibian breeding pools  Microtopography Cover Scale  O Absent  1 Present very small amounts or if more common of marginal quality  2 Present in moderate amounts, but not of highest quality  3 Present in moderate or greater amounts			Moderate (3)		disturbance tolerant native spec	eies
Low (1)  Vone (0)  6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add or deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)  Nearly absent <5% cover (0)  V Absent (1)  6d. Microtopography.  Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks  Coarse woody debris >15cm (6in)  Standing dead >25cm (10in) dbh  Momphibian breeding pools  Microtopography Cover Scale  O Absent  1 Present very small amounts or if more common of marginal quality  2 Present in moderate amounts, but not of highest quality  3 Present in moderate or greater amounts			Moderately low (2)	mod	Native spp are dominant component	ent of the vegetation,
a can also be present, and species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp    Extensive >75% cover (-5)						
6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add or deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)  Nearly absent <5% cover (0)  Absent (1)  6d. Microtopography.  Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks  Coarse woody debris >15cm (6in)  Standing dead >25cm (10in) dbh  Microtopography Cover Scale  Present in moderate or greater amounts  Microtopography cover scale quality  Present in moderate or greater amounts			<b>⊢</b>			
to Table 1 ORAM long form for list. Add or deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3) Sparse 5-25% cover (-1) Nearly absent <5% cover (0)  Absent (1)  6d. Microtopography.  Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh  Amphibian breeding pools  Microtopography Cover Scale  Versent in moderate amounts, but not of highest quality  Microtopography Cover scale threatened or endangered spp  high A predominance of native species, with nonnative spp 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  Mudflat and Open Water Class Quality  0 Absent <0.1ha (0.247 acres)  1 Low 0.1 to <1ha (0.247 to 2.47 acres)  2 Moderate 1 to <4ha (2.47 to 9.88 acres) or more  Microtopography 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						
or deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)  Nearly absent <5% cover (0)  Absent (1)  6d. Microtopography.  Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks  Coarse woody debris >15cm (6in)  Standing dead >25cm (10in) dbh  0 Amphibian breeding pools  Microtopography Cover Scale  Microtopography Cover Scale  Microtopography 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  3 Present in moderate or greater amounts						vo procence er rare
Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)  Nearly absent <5% cover (0)  Absent (1)  6d. Microtopography.  Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks  Coarse woody debris >15cm (6in)  Standing dead >25cm (10in) dbh  Amphibian breeding pools  Microtopography Cover Scale  Microtopography 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				high	<u> </u>	with nonnative con
Moderate 25-75% cover (-3) Sparse 5-25% cover (-1) Nearly absent <5% cover (0) ✓ Absent (1)  6d. Microtopography. Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh 0 Amphibian breeding pools  Microtopography Cover Scale  Microtopography Cover Scale  Microtopography 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			·	riigii	·	· · · · · · · · · · · · · · · · · · ·
Sparse 5-25% cover (-1) Nearly absent <5% cover (0) Absent (1)  6d. Microtopography. Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography Cover Scale  Microtopography Cover Scale  Microtopography Cover Scale  Microtopography Cover Scale  Description:  Mudflat and Open Water Class Quality  Absent <0.1ha (0.247 acres)  Absent 1 to <4ha (2.47 to 9.88 acres)  High 4ha (9.88 acres) or more  Microtopography Cover Scale  Absent  Present very small amounts or if more common of marginal quality  Present in moderate amounts, but not of highest quality or in small amounts of highest quality  Present in moderate or greater amounts			` '			• • •
Nearly absent <5% cover (0) Absent (1)  6d. Microtopography.  Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography Cover Scale  Microtopography Cover Scale  Microtopography Cover Scale  Absent  Present very small amounts or if more common of marginal quality  Present in moderate amounts, but not of highest quality  Present in moderate or greater amounts						
Absent (1) 6d. Microtopography. Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography Cover Scale  Microtopography Cover Scale  Description of marginal quality  Present very small amounts or if more common of marginal quality  Present in moderate amounts, but not of highest quality or in small amounts of highest quality  Reserved.					the presence of rare, threatened	a, or endangered spp
6d. Microtopography. Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography Cover Scale  Microtopography Cover Scale  Description of marginal quality  Present very small amounts or if more common of marginal quality  Present in moderate amounts, but not of highest quality or in small amounts of highest quality  Present in moderate or greater amounts			· · · · · · · · · · · · · · · · ·			
Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography Cover Scale  Description of marginal quality Present very small amounts or if more common of marginal quality Present in moderate amounts, but not of highest quality or in small amounts of highest quality  Present in moderate or greater amounts					-	
Vegetated hummucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography Cover Scale  O Absent  Present very small amounts or if more common of marginal quality  Present in moderate amounts, but not of highest quality or in small amounts of highest quality  Present in moderate or greater amounts					` '	
Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography Cover Scale  Amphibian breeding pools  Microtopography Cover Scale  Absent  Present very small amounts or if more common of marginal quality  Present in moderate amounts, but not of highest quality or in small amounts of highest quality  Present in moderate or greater amounts					•	<u> </u>
Standing dead >25cm (10in) dbh Amphibian breeding pools  Microtopography Cover Scale  O 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					,	acres)
Amphibian breeding pools    Microtopography Cover Scale				3	High 4ha (9.88 acres) or more	
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			Standing dead >25cm (10in) dbh			
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			Amphibian breeding pools	<u>Mi</u> crotopog	raphy Cover Scale	
of marginal quality  Present in moderate amounts, but not of highest quality or in small amounts of highest quality  Present in moderate or greater amounts			<del></del>	0	Absent	
quality or in small amounts of highest quality  Present in moderate or greater amounts				1	- I	more common
3 Present in moderate or greater amounts				2		
					quality or in small amounts of hi	ghest quality
and of highest quality				3	Present in moderate or greater ar	nounts
					and of highest quality	

Site: W	OH-245	Rater(s): BRH & TPM	<b>Date:</b> April 28, 2017
2	2	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)	
11	13	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.  V 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 falled this part of the conservation in tillage, new falled the conservation industrial, open pasture, row cropping, mining, construction. (1)	ow field. (3)
22	35	Metric 3. Hydrology.	
max 30 pts.	subtotal	✓ Precipitation (1)       ✓ Part of wetland/u         ✓ Seasonal/Intermittent surface water (3)       ✓ Part of riparian o         Perennial surface water (lake or stream) (5)       3d. Duration inundation/sat         3c. Maximum water depth. Select only one and assign score.       ✓ Semi- to perman         >0.7 (27.6in) (3)       Regularly inunda         0.4 to 0.7m (15.7 to 27.6in) (2)       Seasonally inunda         ✓ 0.4m (<15.7in) (1)	ain (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)
14	49	Metric 4. Habitat Alteration and Development.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  V 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) V Moderately good (4) Fair (3) Poor to fair (2) Poor (1)	
-		4c. Habitat alteration. Score one or double check and average.  None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)  Check all disturbances observed mowing grazing herbaceous/aqua sedimentation	
su	49 btotal this pa	selective cutting dredging woody debris removal toxic pollutants nutrient enrichments	∍nt
last revised	1 Februa	ry 2001 jim	

Site: W	OH-245	Rater(	s): BRH &	TPM	<b>Date:</b> April 28, 2017
su	49 btotal first pa	ge			
0	49	Metric 5. Special Wetland	ds.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-ur 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 1 Category 1 Wetland. See Question 1	estricted hydro ngs) (10) atened or enda fowl habitat or	angered species (10) usage (10)	
10	59	Metric 6. Plant communi	ties, int	erspersion, microto	pography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
		Score all present using 0 to 3 scale.  Aquatic bed  Emergent	1	Absent or comprises <0.1ha (0.24 Present and either comprises small vegetation and is of moderate q	all part of wetland's uality, or comprises a
		2 Shrub 2 Forest Mudflats	2	Present and either comprises sign vegetation and is of moderate q	nificant part of wetland's
		Open water Other 6b. horizontal (plan view) Interspersion.	3	part and is of high quality  Present and comprises significant vegetation and is of high quality	
		Select only one.		Tregetation and to extragin quality	
		High (5)	Narrative D	escription of Vegetation Quality	
		Moderately high(4) Moderate (3)	low	Low spp diversity and/or predoming disturbance tolerant native spec	ies
		Moderately low (2)  ✓ Low (1)  None (0)	mod	Native spp are dominant compone although nonnative and/or distu can also be present, and specie	rbance tolerant native spp es diversity moderate to
		6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add	high	moderately high, but generally very threatened or endangered spp	
		or deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)	high	A predominance of native species and/or disturbance tolerant native absent, and high spp diversity a the presence of rare, threatened	ve spp absent or virtually nd often, but not always,
		Nearly absent <5% cover (0)			
		✓ Absent (1)		d Open Water Class Quality	
		6d. Microtopography.	<u>0</u>	Absent <0.1ha (0.247 acres)	
		Score all present using 0 to 3 scale.  Vegetated hummucks/tussucks	2	Low 0.1 to <1ha (0.247 to 2.47 ac Moderate 1 to <4ha (2.47 to 9.88	
		1 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	<u>acres)</u>
		1 Standing dead >25cm (10in) dbh		Tright 4nd (5.55 deres) of more	
		2 Amphibian breeding pools	Microtopog	raphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if r of marginal quality	more common
			2	Present in moderate amounts, bu quality or in small amounts of hi	_
			3	Present in moderate or greater an and of highest quality	
59					

Site: W	OH-246		Rater(s): BRH & TPM	<b>Date:</b> April 28, 2017
0	0	Metric 1. Wetland A	area (size).	
max 6 pts.	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 < <1.2 to <0.1 acres (0.04 to <0.1 acres (0.04 to <0.1 acres (0.04 to <0.1 acres (0.04 to ))	) 20.2ha) (5 pts) Iha) (4 pts) a) (3 pts) .2ha) (2pts) 50.12ha) (1 pt)	
2	2	Metric 2. Upland bu	iffers and surrounding land use.	
max 14 pts.	subtotal	WIDE. Buffers average 50 MEDIUM. Buffers average VARROW. Buffers average VERY NARROW. Buffers  2b. Intensity of surrounding land use VERY LOW. 2nd growth o LOW. Old field (>10 years MODERATELY HIGH. Re	Select only one and assign score. Do not double check. Im (164ft) or more around wetland perimeter (7) to 25m to <50m (82 to <164ft) around wetland perimeter (4) to 10m to <25m (32ft to <82ft) around wetland perimeter (1) average <10m (<32ft) around wetland perimeter (0) to 25m (32ft) around wetland perimeter (0) to 35m (32ft) around wetland perimeter (1) average <10m (32ft) around wetland perimeter (2) average <10m (32ft) ave	ow field. (3)
19	21	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 surfa Perennial surface water (la 3c. Maximum water depth. Select of >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in)     3e. Modifications to natural hydrolog   None or none apparent (12   Recovered (7)   Recovering (3)   Recent or no recovery (1)	ace water (3)    Ace water (3)   Part of wetland/u	ain (1)  //ake and other human use (1)  //ake 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)  //dated (2)  ated in upper 30cm (12in) (1)  //postormwater)
12	33	Metric 4. Habitat Al	stormwater input other other other.	
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)	ne or double check and average.	
		Poor (1) 4c. Habitat alteration. Score one or  None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)	Check all disturbances observed mowing grazing clearcutting shrub/sapling rer herbaceous/aqua sedimentation	
su	33 btotal this pa	ge	selective cutting woody debris removal toxic pollutants dredging farming nutrient enrichment	∍nt
last revised	1 Februa	ry 2001 jjm		

Site: W	OH-246	Rater	(s): BRH &	TPM	<b>Date:</b> April 28, 2017
su	33 btotal first pa	ge			
0	33	Metric 5. Special Wetlan	ds.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-ru Lake Erie coastal/tributary wetland-ru 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 F	angered species (10) usage (10) Rating (-10)	
1	34	Metric 6. Plant communi	ities, int	erspersion, microto	pography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
		Score all present using 0 to 3 scale.  Aquatic bed Emergent Shrub	1	Absent or comprises <0.1ha (0.24 Present and either comprises small vegetation and is of moderate questions significant part but is of low quality.	all part of wetland's uality, or comprises a
		Forest     Mudflats     Open water	2	Present and either comprises sign vegetation and is of moderate q part and is of high quality	nificant part of wetland's uality or comprises a small
		Other  6b. horizontal (plan view) Interspersion.	3	Present and comprises significant vegetation and is of high quality	part, or more, of wetland's
		Select only one. High (5)	Narrative D	escription of Vegetation Quality	
		Moderately high(4)  Moderate (3)	low	Low spp diversity and/or predomin disturbance tolerant native spec	
		Moderately low (2) Low (1)  ✓ None (0)	mod	Native spp are dominant compone although nonnative and/or distu can also be present, and specie	rbance tolerant native spp
		6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add		moderately high, but generally we threatened or endangered spp	v/o presence of rare
		or deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)	high	A predominance of native species and/or disturbance tolerant nativabsent, and high spp diversity a the presence of rare, threatened	e spp absent or virtually nd often, but not always,
		Nearly absent <5% cover (0)	Mudflet en	d Owen Weter Class Ovelity	
		✓ Absent (1) 6d. Microtopography.	Wildflat 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 ac	res)
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	
		Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		Standing dead >25cm (10in) dbh			<del></del> _
		Amphibian breeding pools		raphy Cover Scale	
			1	Absent  Present very small amounts or if r	more common
			2	of marginal quality  Present in moderate amounts, bu quality or in small amounts of hi	_
			3	Present in moderate or greater an and of highest quality	
34					

Site: WOH-247		Rater(s): BRH	<b>Date:</b> May 10, 2017
1 1	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)  v 0.1 to <0.3 acres (0.04 to <0.  <0.1 acres (0.04ha) (0 pts)	2ha) (5 pts) ı) (4 pts) 3 pts) na) (2pts)	
1 2	Metric 2. Upland buf	fers and surrounding land use	<b>).</b>
max 14 pts. subtotal	WIDE. Buffers average 50m MEDIUM. Buffers average 2 NARROW. Buffers average VERY NARROW. Buffers average VERY LOW. 2nd growth or control of the control of t	lect only one and assign score. Do not double check. (164ft) or more around wetland perimeter (7) 5m to <50m (82 to <164ft) around wetland perimeter (4) 10m to <25m (32ft to <82ft) around wetland perimeter (erage <10m (<32ft) around wetland perimeter (0) Select one or double check and average. Idder forest, prairie, savannah, wildlife area, etc. (7) shrub land, young second growth forest. (5) lential, fenced pasture, park, conservation tillage, new fan pasture, row cropping, mining, construction. (1)	1)
8 10	Metric 3. Hydrology.		
max 30 pts. subtotal	3a. Sources of Water. Score all that an High pH groundwater (5) Other groundwater (3)  Precipitation (1) Seasonal/Intermittent surface Perennial surface water (lake of the seasonal for the surface water (lake of the	water (3) or stream) (5) one and assign score.  2)  English to permit the permit to pe	plain (1) m/lake and other human use (1) l/upland (e.g. forest), complex (1) or upland corridor (1) eaturation. Score one or dbl check anently inundated/saturated (4) dated/saturated (3) ndated (2) urated in upper 30cm (12in) (1)
16 26	Metric 4. Habitat Alto	eration and Development.	
max 20 pts. subtotal	4a. Substrate disturbance. Score one  Vone or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only of Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)	one and assign score.	
	4c. Habitat alteration. Score one or do  None or none apparent (9)	uble check and average.  Check all disturbances observed	
26 subtotal this pa	Recovered (6) Recovering (3) Recent or no recovery (1)	mowing shrub/sapling	uatic bed removal

Site: W	OH-247	Rater(	(s): BRH		<b>Date:</b> May 10, 2017
su	26 btotal first pa	i			
5	31	Metric 5. Special Wetlan	ds.		
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Open Relict Wet Prairies (10) Known occurrence state/federal three Significant migratory songbird/water Category 1 Wetland. See Question	estricted hydro ings) (10) atened or enda fowl habitat or	angered species (10) usage (10)	
1	32	Metric 6. Plant communi	ities, int	erspersion, microto	pography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	<u>Vegetation</u>	Community Cover Scale	
		Score all present using 0 to 3 scale.  Aquatic bed  Emergent	<u> </u>	Absent or comprises <0.1ha (0.24 Present and either comprises small vegetation and is of moderate quality of the comprise of t	all part of wetland's uality, or comprises a
		Shrub  Forest  Mudflats	2	significant part but is of low qua  Present and either comprises sign vegetation and is of moderate q	nificant part of wetland's
		Open water Other 6b. horizontal (plan view) Interspersion.	3	part and is of high quality  Present and comprises significant vegetation and is of high quality	
		Select only one.		vegetation and is of high quality	
		High (5)	Narrative D	escription of Vegetation Quality	
		Moderately high(4)  Moderate (3)	low	Low spp diversity and/or predoming disturbance tolerant native spec	
		Moderately low (2) Low (1)  ✓ None (0)	mod	Native spp are dominant compone although nonnative and/or distuction can also be present, and species	rbance tolerant native spp
		6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add		moderately high, but generally we threatened or endangered spp	v/o presence of rare
		or deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)	high	A predominance of native species and/or disturbance tolerant nativabsent, and high spp diversity a the presence of rare, threatened	ve spp absent or virtually and often, but not always,
		Nearly absent <5% cover (0)			
		Absent (1)		d Open Water Class Quality	
		6d. Microtopography.	0	Absent <0.1ha (0.247 acres)	
		Score all present using 0 to 3 scale.   O Vegetated hummucks/tussucks	1	Low 0.1 to <1ha (0.247 to 2.47 ac Moderate 1 to <4ha (2.47 to 9.88	
		Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	acres)
				High 4ha (9.00 acres) of high	
		Standing dead >25cm (10in) dbh  Mmphibian breeding pools	Microtopoo	raphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if r of marginal quality	more common
			2	Present in moderate amounts, bu quality or in small amounts of hi	•
			3	Present in moderate or greater ar and of highest quality	nounts
32					

Site: WOH-248	Rater(s): BRH	<b>Date:</b> May 10, 2017
0 0	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)	
3 3	Metric 2. Upland buffers and surrounding land use.	
max 14 pts. subtotal	2a. Calculate average buffer width. Select only one and assign score. Do not double check.  WIDE. Buffers average 50m (164ft) or more around wetland perimeter (7)  MEDIUM. Buffers average 25m to <50m (82 to <164ft) around wetland perimeter (4)  NARROW. Buffers average 10m to <25m (32ft to <82ft) around wetland perimeter (1)  VERY NARROW. Buffers average <10m (<32ft) around wetland perimeter (0)  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 falled the first park industrial, open pasture, row cropping, mining, construction. (1)	ow field. (3)
16 19	Metric 3. Hydrology.	
max 30 pts. subtotal	<ul> <li>✓ Precipitation (1)</li> <li>✓ Seasonal/Intermittent surface water (3)</li> <li>✓ Perennial surface water (lake or stream) (5)</li> <li>3c. Maximum water depth. Select only one and assign score.</li> <li>✓ Semi- to permander to permand</li></ul>	sin (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)
9 28	Metric 4. Habitat Alteration and Development.	
max 20 pts. subtotal	4a. Substrate disturbance. Score one or double check and average.  Variable 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.	
28 subtotal this pa	<u> </u>	atic bed removal

Site: W	OH-248	R	ater(s): BRH		<b>Date:</b> May 10, 2017
Oitoi			ator(0)1 2		Dator may 10, 2011
	20				
	28				
su	btotal first pa	ge			
0	0	Metric 5. Special We	tlands.		
max 10 pts.	subtotal	Check all that apply and score as indicate	ted.		
		Bog (10)			
		Fen (10) Old growth forest (10)			
		Mature forested wetland (5)			
		Lake Erie coastal/tributary wet	tland-unrestricted hyd	rology (10)	
		Lake Erie coastal/tributary wet	•	logy (5)	
		Lake Plain Sand Prairies (Oak Relict Wet Prairies (10)	Openings) (10)		
		Known occurrence state/feder	al threatened or enda	ingered species (10)	
		Significant migratory songbird		• • • •	
		Category 1 Wetland. See Que	estion 1 Qualitative R	ating (-10)	
2	25	Metric 6. Plant comm	nunities, into	erspersion, microto	pography.
-3	25		,	•	
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation (	Community Cover Scale	
		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.24	
		Aquatic bed	1	Present and either comprises small	
		0 Emergent Shrub		vegetation and is of moderate q significant part but is of low qua	
		Forest	2	Present and either comprises sign	
		Mudflats		vegetation and is of moderate q	
		Open water		part and is of high quality	
		Other 6b. horizontal (plan view) Interspersion.	3	Present and comprises significant vegetation and is of high quality	
		Select only one.		vegetation and is of high quality	
		High (5)	Narrative De	escription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predomin	
		Moderate (3) Moderately low (2)	mod	Native spp are dominant component	
		Low (1)	mod	although nonnative and/or distu	
		✓ None (0)		can also be present, and specie	• • • • • • • • • • • • • • • • • • • •
		6c. Coverage of invasive plants. Refer		moderately high, but generally w	
		to Table 1 ORAM long form for list. Add		threatened or endangered spp	
		or deduct points for coverage  Extensive >75% cover (-5)	high	A predominance of native species and/or disturbance tolerant nativ	· · · · · · · · · · · · · · · · · · ·
		✓ Moderate 25-75% cover (-3)		absent, and high spp diversity a	
		Sparse 5-25% cover (-1)		the presence of rare, threatened	
		Nearly absent <5% cover (0)			
		Absent (1)		Open Water Class Quality	
		6d. Microtopography.  Score all present using 0 to 3 scale.	0	Absent <0.1ha (0.247 acres) Low 0.1 to <1ha (0.247 to 2.47 acres)	eres)
		Vegetated hummucks/tussuck		Moderate 1 to <4ha (2.47 to 9.88	
		Coarse woody debris >15cm (		High 4ha (9.88 acres) or more	
		Standing dead >25cm (10in) of Amphibian breeding pools		raphy Cover Scale	
		Amphibian breeding pools	<u> </u>	Absent	
			1	Present very small amounts or if r	more common
				of marginal quality	
			2	Present in moderate amounts, bu	•
			3	quality or in small amounts of hi  Present in moderate or greater ar	
			J	and of highest quality	nounts
~=				J	

Site: WOH-249		Rater(s): BRH	<b>Date:</b> May 10, 2017
1 1	Metric 1. Wetland A	rea (size).	
max 6 pts. subtotal	Select one size class and assign scol	) (0,2ha) (5 pts) ha) (4 pts) ) (3 pts) 2ha) (2pts) 0.12ha) (1 pt)	
1 2	Metric 2. Upland bu	ffers and surrounding land 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 o LOW. Old field (>10 years MODERATELY HIGH. Res	Select only one and assign score. Do not double check. m (164ft) or more around wetland perimeter (7)  25m to <50m (82 to <164ft) around wetland perimeter (4) e 10m to <25m (32ft to <82ft) around wetland perimeter (1) average <10m (<32ft) around wetland perimeter (0)  Select one or double check and average. r older forest, prairie, savannah, wildlife area, etc. (7) ), shrub land, young second growth forest. (5) sidential, fenced pasture, park, conservation tillage, new fallopen pasture, row cropping, mining, construction. (1)	
8 10	Metric 3. Hydrology		
max 30 pts. subtotal	3a. Sources of Water. Score all that High pH groundwater (5) Other groundwater (3)  V 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) V <0.4m (<15.7in) (1) 3e. Modifications to natural hydrologi None or none apparent (12 Recovered (7) V Recovering (3) Recent or no recovery (1)	ce water (3) ke or stream) (5) Nly one and assign score.  (2) Cegime. Score one or double check and average.  Check all disturbances observed  Check all disturbances observed	ain (1) //lake and other human use (1) //lake and other human use (1) //lake and other human use (1) // upland (e.g. forest), complex (1) // upland corridor (1) // turation. Score one or dbl check // lently inundated/saturated (4) // sated/saturated (3) // dated (2) // rated in upper 30cm (12in) (1) // instormwater)
	Motric 4 Hobitat Al	weir dredging other other	
16 26 max 20 pts. subtotal		teration and Development.	
HIGA 20 PLS. SUUIURI	<ul> <li>4a. Substrate disturbance. Score on None or none apparent (4)  Recovered (3)  Recovering (2)  Recent or no recovery (1)</li> <li>4b. Habitat development. Select on Excellent (7)  Very good (6)  Good (5)  Moderately good (4)  ✓ Fair (3)  Poor to fair (2)  Poor (1)</li> </ul>		
	4c. Habitat alteration. Score one or of None or none apparent (9)	double check and average.  Check all disturbances observed	
26 subtotal this pa	Recovered (6) Recovering (3) Recent or no recovery (1)	mowing shrub/sapling rer grazing herbaceous/aqua sedimentation selective cutting woody debris removal toxic pollutants selective cutting mutrient enrichments.	atic bed removal

Site: WOH-249		Rater(	<b>Date:</b> May 10, 2017	
		1		
	26			
su	btotal first pa	ge		
5	31	Metric 5. Special Wetlan	ds.	
max 10 pts.	subtotal	Check all that apply and score as indicated.		
		Bog (10)		
		Fen (10) Old growth forest (10)		
		✓ Mature forested wetland (5)		
		Lake Erie coastal/tributary wetland-u	nrestricted hyd	Irology (10)
		Lake Erie coastal/tributary wetland-re		logy (5)
		Lake Plain Sand Prairies (Oak Open Relict Wet Prairies (10)	ings) (10)	
		Known occurrence state/federal threa	atened or enda	angered species (10)
		Significant migratory songbird/water		• • • •
		Category 1 Wetland. See Question	1 Qualitative R	ating (-10)
1	32	Metric 6. Plant communi	ities, int	erspersion, microtopography.
ı	5			
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.		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
		o Emergent	ı	vegetation and is of moderate quality, or comprises a
		Shrub		significant part but is of low quality
		0 Forest	2	Present and either comprises significant part of wetland's
		Mudflats		vegetation and is of moderate quality or comprises a small
		Open water Other	3	part and is of high quality  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)		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)	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 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 virtually
		Moderate 25-75% cover (-3)		absent, and high spp diversity and often, but not always,
		Sparse 5-25% cover (-1) Nearly absent <5% cover (0)	-	the presence of rare, threatened, or endangered spp
		✓ Absent (1)	Mudflat and	l 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)
		0 Vegetated hummucks/tussucks 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		Triigit 4tia (3.00 acres) of filore
		Amphibian breeding pools	<u>Microt</u> opog	raphy Cover Scale
		<del></del>	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: WOH-250		Rater(s): BRH	<b>Date:</b> May 10, 2017
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)	
8	9	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)  WIDE. 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 fall  HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)	
14	23	Metric 3. Hydrology.	
max 30 pts.	subtotal	✓       Precipitation (1)       □       Part of wetland/u         ✓       Perennial surface water (lake or stream) (5)       3d. Duration inundation/sa         3c. Maximum water depth. Select only one and assign score.       □       Semi- to perman         >0.7 (27.6in) (3)       ✓       Regularly inundation/sa         0.4 to 0.7m (15.7 to 27.6in) (2)       Seasonally inundation/sa	ain (1) //ake and other human use (1) upland (e.g. forest), complex (1) or upland corridor (1) turation. Score one or dbl check nently inundated/saturated (4) ated/saturated (3) dated (2) rated in upper 30cm (12in) (1)
8	31	Metric 4. Habitat Alteration and Development.	
max 20 pts.	subtotal	<ul> <li>4a. Substrate disturbance. Score one or double check and average.  ✓ None or none apparent (4)  — Recovered (3)  — Recovering (2)  — Recent or no recovery (1)</li> <li>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)</li> </ul>	
_		4c. Habitat alteration. Score one or double check and average.  None or none apparent (9) Check all disturbances observed Recovered (6) shrub/sapling rel	moval atic bed removal
suk	31 btotal this pa	selective cutting dredging woody debris removal farming toxic pollutants nutrient enrichm	ent
last revised	1 Februa	y 2001 jjm	

Site: WOH-250		Rater(s): BRH		<b>Date:</b> May 10, 2017			
Oito. ···	011 200		ater (3). Eran		Date: May 10, 2017		
		1					
	31						
su	btotal first pa	<b>」</b> gge					
_		Metric 5. Special Wet	lands				
0	31	Decide of Openial Wes	ilaiia3i				
max 10 pts.	subtotal	J Check all that apply and score as indicat	ed.				
		Bog (10)					
		Fen (10)					
		Old growth forest (10)					
		Mature forested wetland (5)	المراجع	Irala eu (40)			
		Lake Erie coastal/tributary wet Lake Erie coastal/tributary wet					
		Lake Plain Sand Prairies (Oak	•	logy (o)			
	Relict Wet Prairies (10)						
		Known occurrence state/feder		• • • •			
	Significant migratory songbird/water fowl habitat or usage (10)						
		Category 1 Wetland. See Que					
-3	28	Metric 6. Plant comm	iunities, int	erspersion, microto	pography.		
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.		Community Cover Scale	474		
		Score all present using 0 to 3 scale.  Aquatic bed	0	Absent or comprises <0.1ha (0.24)  Present and either comprises small			
		o Emergent	ı	vegetation and is of moderate of			
		Shrub		significant part but is of low qua			
		Forest	2	Present and either comprises sign	nificant part of wetland's		
		Mudflats		vegetation and is of moderate of	uality or comprises a small		
		Open water	3	part and is of high quality	t mant an manna of wetlevalle		
		Other  6b. horizontal (plan view) Interspersion.	3	Present and comprises significan vegetation and is of high quality			
		Select only one.	-	vegetation and is of riight quality			
	High (5)		Narrative Description of Vegetation Quality				
		Moderately high(4)	low	Low spp diversity and/or predomi			
		Moderate (3)		disturbance tolerant native spec			
		Moderately low (2) Low (1)	mod	Native spp are dominant compon although nonnative and/or distu			
		✓ None (0)		can also be present, and specie			
		6c. Coverage of invasive plants. Refer		moderately high, but generally	•		
		to Table 1 ORAM long form for list. Add		threatened or endangered spp	•		
		or deduct points for coverage	high	A predominance of native species			
		Extensive >75% cover (-5)  Moderate 25-75% cover (-3)		and/or disturbance tolerant nati absent, and high spp diversity a			
		Sparse 5-25% cover (-1)		the presence of rare, threatened			
		Nearly absent <5% cover (0)		,	,		
			Mudflat and	l Open Water Class Quality			
		6d. Microtopography.	0	Absent <0.1ha (0.247 acres)			
		Score all present using 0 to 3 scale.	s <u>1</u>	Low 0.1 to <1ha (0.247 to 2.47 ac			
		Vegetated hummucks/tussuck Coarse woody debris >15cm (		Moderate 1 to <4ha (2.47 to 9.88 High 4ha (9.88 acres) or more	acres)		
		Standing dead >25cm (10in) d	, <u> </u>	Thight the (clear delea) of there			
		Amphibian breeding pools		raphy Cover Scale			
			0	Absent			
			1	Present very small amounts or if of marginal quality			
			2	Present in moderate amounts, bu quality or in small amounts of h	_		
			3	Present in moderate or greater ar			
				and of highest quality			

Site: WOH-251	Rater(s): BRH		<b>Date:</b> May 10, 2017
1 1	Metric 1. Wetland Ar	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 <10.1h   3 to <10 acres (1.2 to <4ha)   0.3 to <3 acres (0.12 to <1.2   ✓ 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) ha) (2pts)	
1 2	Metric 2. Upland buf	fers and surrounding land use.	
max 14 pts. subtotal	WIDE. Buffers average 50m MEDIUM. Buffers average 2 NARROW. Buffers average VERY NARROW. Buffers average VERY LOW. 2nd growth or CLOW. Old field (>10 years), MODERATELY HIGH. Resident	elect only one and assign score. Do not double check. (164ft) or more around wetland perimeter (7) (15m to <50m (82 to <164ft) around wetland perimeter (4) 10m to <25m (32ft to <82ft) around wetland perimeter (1) verage <10m (<32ft) around wetland perimeter (0) Select one or double check and average. Older forest, prairie, savannah, wildlife area, etc. (7) shrub land, young second growth forest. (5) dential, fenced pasture, park, conservation tillage, new faller pasture, row cropping, mining, construction. (1)	ow field. (3)
14 16	Metric 3. Hydrology.		
max 30 pts. subtotal	None or none apparent (12) Recovered (7)	a water (3) be water (3) con stream) (5) do not and assign score.  2)  Tregime. Score one or double check and average.    100 year floodpla   Between stream/   Part of wetland/u   Part of riparian o   Semi- to perman   Regularly inunda   Seasonally inunda   Seasonally saturated   Seasonally saturated   Check all disturbances observed   Joint source (nor	ain (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)	tile filling/grading road bed/RR traced dredging stormwater input other	ck
8 24	Metric 4. Habitat Alt	eration and Development.	
max 20 pts. subtotal	<ul> <li>4a. Substrate disturbance. Score one</li> <li>✓ None or none apparent (4)</li> <li>Recovered (3)</li> <li>Recovering (2)</li> <li>Recent or no recovery (1)</li> <li>4b. Habitat development. Select only</li> <li>Excellent (7)</li> <li>Very good (6)</li> <li>Good (5)</li> <li>Moderately good (4)</li> <li>Fair (3)</li> <li>Poor to fair (2)</li> <li>✓ Poor (1)</li> </ul>		
	4c. Habitat alteration. Score one or do		
24 subtotal this pa	*	Check all disturbances observed    mowing	atic bed removal

Site: WOH-251			Rater(s): BRH		<b>Date:</b> May 10, 2017				
<u> </u>		- 1-**	201(0)1 =1		Date: may re, zer				
	24								
	24								
su	btotal first pa	i	_						
0	24	Metric 5. Special Wet	lands.						
max 10 pts.	subtotal	Check all that apply and score as indicat	ed.						
		Bog (10) Fen (10)							
		Old growth forest (10)							
		Mature forested wetland (5)							
		Lake Erie coastal/tributary wet							
		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							
		Category 1 Wetland. See Que		= ' '					
1	25	Metric 6. Plant comm	iunities, inte	erspersion, microto	pograpny.				
max 20 pts.	subtotal	Co. Wattend Varatetian Communities	Va matatia n	Community Cover Coels					
max 20 pts.	Subtotal	6a. Wetland Vegetation Communities.  Score all present using 0 to 3 scale.	vegetation 0	Community Cover Scale Absent or comprises <0.1ha (0.24)	171 acres) contiguous area				
		Aquatic bed	1	Present and either comprises small					
		0 Emergent		vegetation and is of moderate q	juality, or comprises a				
		Shrub		significant part but is of low qua					
		Forest Mudflats	2	Present and either comprises sign vegetation and is of moderate q					
		Open water		part and is of high quality	dailty of comprises a small				
		Other	3	Present and comprises significant	t part, or more, of wetland's				
		6b. horizontal (plan view) Interspersion.		vegetation and is of high quality	1				
		Select only one. High (5)	Narrative D	escription of Vegetation Quality					
		Moderately high(4)	low	Low spp diversity and/or predomi	nance of nonnative or				
		Moderate (3)		disturbance tolerant native spec	cies				
		Moderately low (2)	mod	Native spp are dominant component					
		Low (1)  ✓ None (0)		although nonnative and/or distu	· ·				
		6c. Coverage of invasive plants. Refer		moderately high, but generally v	•				
		to Table 1 ORAM long form for list. Add		threatened or endangered spp					
		or deduct points for coverage	high	A predominance of native species					
		Extensive >75% cover (-5)  Moderate 25-75% cover (-3)		and/or disturbance tolerant native absent, and high spp diversity a					
		Sparse 5-25% cover (-1)		the presence of rare, threatened					
		Nearly absent <5% cover (0)	-						
		✓ Absent (1)		Open Water Class Quality					
		6d. Microtopography.	0	Absent <0.1ha (0.247 acres) Low 0.1 to <1ha (0.247 to 2.47 acres)	200)				
		Score all present using 0 to 3 scale.  Vegetated hummucks/tussuck		Moderate 1 to <4ha (2.47 to 9.88					
		Coarse woody debris >15cm (		High 4ha (9.88 acres) or more					
		Standing dead >25cm (10in) d		mambu Causa Carala					
	Amphibian breeding pools			raphy Cover Scale					
			0	Absent Present very small amounts or if r	more common				
			•	of marginal quality					
			2	Present in moderate amounts, bu	_				
				quality or in small amounts of hi					
1	]		3	Present in moderate or greater ar and of highest quality	HOURIS				
~=	l			and or riightoot quality					

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Summary: Application Exhibit J Part 31 of 33 electronically filed by Teresa Orahood on behalf of Dylan F. Borchers