Site: W	OH-105	Rater((s): Brian S	mith	Date: 4/12/17
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-u 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	angered species (10) usage (10)	
5	38	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. O Aquatic bed Emergent O Shrub	0	Absent or comprises <0.1ha (0.24 Present and either comprises small vegetation and is of moderate quality in the strength of	all part of wetland's uality, or comprises a
		0 Forest 0 Mudflats 0 Open water	2	significant part but is of low qual 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.	3	Present and comprises significant vegetation and is of high quality	
		Select only one.			
		High (5) Moderately high(4) Moderate (3)	Narrative D low	Escription of Vegetation Quality 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 distur- 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 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	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 1	Absent <0.1ha (0.247 acres) Low 0.1 to <1ha (0.247 to 2.47 ac	
		Score all present using 0 to 3 scale. O 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	40103)
		0 Standing dead >25cm (10in) dbh		Tright 4nd (3.30 deres) of more	
		3 Amphibian breeding pools	Microtopog	raphy Cover Scale	
		, and against produing boots	0	Absent	
			1	Present very small amounts or if r of marginal quality	nore common
			2	Present in moderate amounts, but quality or in small amounts of hi	_
			3	Present in moderate or greater an and of highest quality	
38					

Site: W	OH-106	Rater(s): Brian Smith Date: 4/12/17
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)
3	4	Metric 2. Upland buffers and surrounding land use.
max 14 pts.	subtotal	2a. Calculate average buffer width. Select only one and assign score. Do not double check. WIDE. Buffers average 50m (164ft) or more around wetland perimeter (7) MEDIUM. Buffers average 25m to <50m (82 to <164ft) around wetland perimeter (4) NARROW. Buffers average 10m to <25m (32ft to <82ft) around wetland perimeter (1) VERY NARROW. Buffers average <10m (<32ft) around wetland perimeter (0) 2b. Intensity of surrounding land use. Select one or double check and average. VERY LOW. 2nd growth or older forest, prairie, savannah, wildlife area, etc. (7) LOW. Old field (>10 years), shrub land, young second growth forest. (5) MODERATELY HIGH. Residential, fenced pasture, park, conservation tillage, new fallow field. (3) HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)
6	10	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 (3) Perennial surface water (lake or stream) (5) Maximum water depth. Select only one and assign score. >0.7 (27.6in) (3) Other groundwater (3) Part of wetland/upland (e.g. forest), complex (1) Part of riparian or upland corridor (1) Semi- to permanently inundated/saturated (4) Regularly inundated/saturated (3) Seasonally inundated (2) V <0.4m (<15.7in) (1) Modifications to natural hydrologic regime. Score one or double check and average.
		None or none apparent (12) Recovered (7) Recovering (3) Recent or no recovery (1) Check all disturbances observed ditch tile dike road bed/RR track dredging other other
8	18	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) 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
	18	Recovered (6) Recovering (3) Recent or no recovery (1) Recent or no recovery (1) Recent or no recovery (1)
last revised	btotal this pa	

Site: W	OH-106	Rater(s): Brian Sn	nith	Date: 4/12/17
sul	18 btotal first pa	ge			
-10	8	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 endar fowl habitat or u Qualitative Ra	ogy (5) ngered species (10) usage (10) ating (-10)	
-3	5	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
		0 Emergent		vegetation and is of moderate q	uality, or comprises a
		0 Shrub		significant part but is of low qual	ity
		0 Forest	2	Present and either comprises sign	ificant part of wetland's
		0 Mudflats		vegetation and is of moderate q	uality or comprises a small
		Open water		part and is of high quality	•
		0 Other	3	Present and comprises significant	part, or more, of wetland's
		6b. horizontal (plan view) Interspersion.	· ·	vegetation and is of high quality	part, or more, or metalia
		Select only one.		vegetation and is of high quality	
			Narrativa Da	ecorintian of Vagatation 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	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	
		0 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		0 Standing dead >25cm (10in) dbh		Triight and (c.ee deree) of more	
		O Amphibian breeding pools	Microtopogr	aphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if n	nore common
			ı	of marginal quality	HOLE COULINOU
					not of highest
			2	Present in moderate amounts, but	_
				quality or in small amounts of hi	
	1		3	Present in moderate or greater an	IOUNTS
_				and of highest quality	

Site: W	OH-107	R	ater(s): Brian Smith		Date: 4/12/17
2	2	Metric 1. Wetland Are	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 0.3 to <3 acres (0.12 to <1.2ha) 0.1 to <0.3 acres (0.04 to <0.12 <0.1 acres (0.04ha) (0 pts)	(4 pts) pts)) (2pts)		
5	7	Metric 2. Upland buffe	ers and surroundi	ng land use.	
max 14 pts.	subtotal	MEDIUM. Buffers average 25r NARROW. Buffers average 10 VERY NARROW. Buffers aver 2b. Intensity of surrounding land use. S VERY LOW. 2nd growth or old LOW. Old field (>10 years), sh MODERATELY HIGH. Reside	164ft) or more around wetland pe in to <50m (82 to <164ft) around 0m to <25m (32ft to <82ft) around rage <10m (<32ft) around wetlan	rimeter (7) wetland perimeter (4) d wetland perimeter (1) d perimeter (0) verage. life area, etc. (7) prest. (5) ervation tillage, new fallo	w field. (3)
9	16	Metric 3. Hydrology.			
max 30 pts.	subtotal	3a. Sources of Water. Score all that app High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface water (lake of the control of th	vater (3) or stream) (5) one and assign score. egime. Score one or double chec	Part of wetland/up Part of riparian or Duration inundation/satu Semi- to permane Regularly inundat Seasonally inundat ✓ 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)	Check all disturbances observed ditch tile dike weir stormwater input	point source (nonsignating) filling/grading road bed/RR track dredging other	, <u> </u>
10	26	Metric 4. Habitat Alte	ration and Develo	pment.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score one or Volume or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) 4b. Habitat development. Select only on Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)			
		4c. Habitat alteration. Score one or doul	ole check and average. Check all disturbances observed		
	26	Recovered (6) Recovering (3) Recent or no recovery (1)	mowing grazing clearcutting selective cutting woody debris removal toxic pollutants	shrub/sapling rem herbaceous/aquat sedimentation dredging farming nutrient enrichme	tic bed removal
last revised	i Februa	ıry ∠uu1 jjm			

Site: wo	DH-107	Rater	(s): Brian S	Smith	Date: 4/12/17
Onto i i i		rator	(0)1 2		Dator
	00				
	26				
sub	ototal first pa	ge			
0	26	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-	unrestricted hyd	drology (10)	
		Lake Erie coastal/tributary wetland-	•	plogy (5)	
		Lake Plain Sand Prairies (Oak Oper Relict Wet Prairies (10)	nings) (10)		
		Known occurrence state/federal three	eatened or end	angered species (10)	
		Significant migratory songbird/water		• ,	
		Category 1 Wetland. See Question	1 Qualitative F	Rating (-10)	
2	28	Metric 6. Plant commun	ities, int	erspersion, microto	pography.
2	20		•	• •	
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	1	Present and either comprises small vegetation and is of moderate of	•
		o Shrub		significant part but is of low qua	
		0 Forest	2	Present and either comprises sign	nificant part of wetland's
		0 Mudflats		vegetation and is of moderate of	uality or comprises a small
		O Open water O Other	3	part and is of high quality Present and comprises significan	t nart or more of wetland's
		6b. horizontal (plan view) Interspersion.	3	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 predomi disturbance tolerant native spec	
		Moderately low (2)	mod	Native spp are dominant compon	
		✓ 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 threatened or endangered spp	
		or deduct points for coverage	high	A predominance of native species	
		Extensive >75% cover (-5)		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, 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	
		Vegetated hummucks/tussucks A face (Gia)	2	Moderate 1 to <4ha (2.47 to 9.88	acres)
		O Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh	3	High 4ha (9.88 acres) or more	
		Amphibian breeding pools	Microtopog	graphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if	more common
			2	of marginal quality Present in moderate amounts, bu	t not of highest
			2	quality or in small amounts of h	_
			3	Present in moderate or greater ar	
00				and of highest quality	
28					

Site: W	OH-108	Ra	ater(s): Brian Smith		Date: 4/12/17
3	3	Metric 1. Wetland Are	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 <20.2h 10 to <25 acres (4 to <10.1ha) √ 3 to <10 acres (1.2 to <4ha) (3 0.3 to <3 acres (0.12 to <1.2ha) 0.1 to <0.3 acres (0.04 to <0.12 <0.1 acres (0.04ha) (0 pts)	(4 pts) pts)) (2pts)		
8	11	Metric 2. Upland buffe	ers and surroundi	ng land use.	
max 14 pts.	subtotal	MEDIUM. Buffers average 25n NARROW. Buffers average 10 VERY NARROW. Buffers aver 2b. Intensity of surrounding land use. So VERY LOW. 2nd growth or old LOW. Old field (>10 years), sh MODERATELY HIGH. Resider	64ft) or more around wetland pe n to <50m (82 to <164ft) around v m to <25m (32ft to <82ft) around age <10m (<32ft) around wetland	rimeter (7) wetland perimeter (4) d wetland perimeter (1) d perimeter (0) verage. ife area, etc. (7) prest. (5) ervation tillage, new fallo	w field. (3)
15	26	Metric 3. Hydrology.			
max 30 pts.	subtotal	3a. Sources of Water. Score all that app High pH groundwater (5) Vother groundwater (3) Precipitation (1) Seasonal/Intermittent surface w Perennial surface water (lake o 3c. Maximum water depth. Select only o >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) (2) Vo.4m (<15.7in) (1) 3e. Modifications to natural hydrologic re None or none apparent (12) Recovered (7) Recovering (3) Recent or no recovery (1)	vater (3) r stream) (5) 3d. ne and assign score.	Part of wetland/up Part of riparian or Duration inundation/satu Semi- to permane Regularly inundati Seasonally inundation	n (1) ake and other human use (1) aland (e.g. forest), complex (1) upland corridor (1) iration. Score one or dbl check intly inundated/saturated (4) ed/saturated (3) ated (2) ted in upper 30cm (12in) (1) stormwater)
15	41	Metric 4. Habitat Alte			
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 doub	check and average. Check all disturbances observed mowing grazing clearcutting	shrub/sapling rem herbaceous/aquat	
g I	41		selective cutting woody debris removal toxic pollutants	dredging farming nutrient enrichme	nt
last revised		· _			

Site: W	OH-108	Rater	(s): Brian S	mith	Date: 4/12/17
O max 10 pts.	41 btotal first pa 41 subtotal	Metric 5. Special Wetlan Check all that apply and score as indicated. Bog (10)	ds.		
		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 Open Relict Wet Prairies (10) Known occurrence state/federal thre Significant migratory songbird/water Category 1 Wetland. See Question	estricted hydro nings) (10) atened or enda fowl habitat or 1 Qualitative R	angered species (10) susage (10) Rating (-10)	
14	55	Metric 6. Plant commun	•	•	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	
		1 Emergent		vegetation and is of moderate q	
		1 Shrub		significant part but is of low qua	
		2 Forest	2	Present and either comprises sign	nificant part of wetland's
		0 Mudflats		vegetation and is of moderate q	uality or comprises a small
		Open water		part and is of high quality	
		0 Other	3	Present and comprises significant	part, or more, of wetland's
		6b. horizontal (plan view) Interspersion.		vegetation and is of high quality	
		Select only one.			
		High (5)	Narrative D	escription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predomin	nance of nonnative or
		✓ Moderate (3)	IOW	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	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	res)
		0 Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	acres)
		2 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		1 Standing dead >25cm (10in) dbh		·	
		3 Amphibian breeding pools	Microtopog	graphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if r of marginal quality	nore common
			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	
				1	

Site: WOH-109		Rater(s): Brian Smith	Date: 4/12/17
1 1	Metric 1. Wetland A	rea (size).	
max 6 pts. subtotal	Select one size class and assign scor >50 acres (>20.2ha) (6 pts) 25 to <50 acres (10.1 to <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 <1.	0.2ha) (5 pts) ha) (4 pts)) (3 pts) 2ha) (2pts)	
8 9	Metric 2. Upland bu	ffers and surrounding land use	
max 14 pts. subtotal	WIDE. Buffers average 500 WEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers average 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. Tolder forest, prairie, savannah, wildlife area, etc. (7) o, shrub land, young second growth forest. (5) sidential, fenced pasture, park, conservation tillage, new fall pen pasture, row cropping, mining, construction. (1)	
16 25	Metric 3. Hydrology		
max 30 pts. subtotal	3a. Sources of Water. Score all that High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surfa Perennial surface water (lal 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) Recovering (3) Recent or no recovery (1)	100 year floodpl Between stream ✓ Part of wetland/n Part of riparian of the control of t	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)
17 42	Metric 4. Habitat Al	teration and Development.	
max 20 pts. subtotal	4a. Substrate disturbance. Score on V 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) V Moderately good (4) Fair (3) Poor to fair (2) Recovering (4)		
	Poor (1) 4c. Habitat alteration. Score one or (2)		
42 subtotal this pa	•	Check all disturbances observed mowing	atic bed removal

7

Site: WO	H_100	Rater	(s): Brian S	mith	Date: 4/12/17
Site. WO	11-109	Ixater	(5). Brian 5	illul	Date. 4/12/1/
	42				
subto	otal first pa	l ge			
0	42	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	unrestricted hyd	drology (10)	
		Lake Erie coastal/tributary wetland-r	•	logy (5)	
		Lake Plain Sand Prairies (Oak Oper Relict Wet Prairies (10)	nings) (10)		
		Known occurrence state/federal thre	atened or end	angered species (10)	
		Significant migratory songbird/water		. , ,	
		Category 1 Wetland. See Question	1 Qualitative F	Rating (-10)	
6	48	Metric 6. Plant commun	ities, int	erspersion, microto	pography.
	40			·	
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 Present and either comprises small	
		Aquatic bed Emergent	ı	vegetation and is of moderate q	•
		0 Shrub		significant part but is of low qua	
		1 Forest	2	Present and either comprises sign	
		0 Mudflats 0 Open water		vegetation and is of moderate q part and is of high quality	uality or comprises a small
		o 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) Moderately high(4)		Low spp diversity and/or predomin	nance of pappative or
		Moderate (3)	low	disturbance tolerant native spec	
		✓ Moderately low (2)	mod	Native spp are dominant component	
		Low (1)		although nonnative and/or distu	
		None (0) 6c. Coverage of invasive plants. Refer		can also be present, and specie moderately high, but generally was	
		to Table 1 ORAM long form for list. Add		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)		and processes of railog amounts	a, or orrearingerou opp
		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. O Vegetated hummucks/tussucks	2	Low 0.1 to <1ha (0.247 to 2.47 ac Moderate 1 to <4ha (2.47 to 9.88	
		0 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		1 Standing dead >25cm (10in) dbh		•	
		1 Amphibian breeding pools		graphy 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	•
			3	Present in moderate or greater ar	
40				and of highest quality	
48					

Site: W	OH-110	Rater(s): Brian Smith	Date: 4/12/17
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 of WIDE. Buffers average 50m (164ft) or more around wetland perimeter (7) MEDIUM. Buffers average 25m to <50m (82 to <164ft) around wetland perimeter. NARROW. Buffers average 10m to <25m (32ft to <82ft) around wetland perimeter. VERY NARROW. Buffers average <10m (<32ft) around wetland perimeter. Intensity of surrounding land use. Select one or double check and average. VERY LOW. 2nd growth or older forest, prairie, savannah, wildlife area, etc. (LOW. Old field (>10 years), shrub land, young second growth forest. (5) MODERATELY HIGH. Residential, fenced pasture, park, conservation tillage. HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1	eter (4) meter (1)) (7) , new fallow field. (3)
23	39	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 inund part of p	ource (nonstormwater) rading ed/RR track
47		Metric 4. Habitat Alteration and Development.	
17 max 20 pts.	56 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)	
ı		4c. Habitat alteration. Score one or double check and average. V None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1) Check all disturbances observed mowing shrub/s grazing herbace sedime	ll l
SII	56		
last revised	•		

Site: W	OH-110	Rater	r(s): Brian Sr	mith	Date: 4/12/17
	56 btotal first pa	Metric 5. Special Wetlar	nde		
0	56	Special Wellar	ius.		
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-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 hydrol nings) (10) eatened or enda r fowl habitat or	ingered species (10) usage (10)	
11	67	Metric 6. Plant commun	ities, 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	171 acres) contiguous area
		0 Aquatic bed	1	Present and either comprises sma	
		1 Emergent		vegetation and is of moderate q	
		0 Shrub 2 Forest	2	significant part but is of low qua Present and either comprises sign	
		0 Mudflats	_	vegetation and is of moderate q	
		0 Open water		part and is of high quality	
		0 Other	3	Present and comprises significant	
		6b. horizontal (plan view) Interspersion.	-	vegetation and is of high quality	
		Select only one. 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 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	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) ✓ Nearly absent <5% cover (0)		the presence of rare, threatened	d, or endangered spp
		Absent (1)	Mudflat and	Open Water Class Quality	
		6d. Microtopography.	0	Absent <0.1ha (0.247 acres)	
		Score all present using 0 to 3 scale.	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)
		2 Coarse woody debris >15cm (6in) 2 Standing dead >25cm (10in) dbh	3	High 4ha (9.88 acres) or more	
		1 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	ghest quality
	1		3	Present in moderate or greater an	nounts
67				and of highest quality	

Site: W	OH-111	Rater(s): Brian Smith	Date: 4/12/17
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 surroundin	g land use.
max 14 pts.	subtotal	2a. Calculate average buffer width. Select only one and assign score. Do not will will be with the width of the width of the will be w	neter (7) stland perimeter (4) vetland perimeter (1) perimeter (0) rage. starea, etc. (7) est. (5) ration tillage, new fallow field. (3)
23	39	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. Du 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) <0.4m (<15.7in) (1) 3e. Modifications to natural hydrologic regime. Score one or double check at tile Recovered (7) Recovering (3) Recent or no recovery (1) Check all disturbances observed ditch d	point source (nonstormwater) filling/grading road bed/RR track
		weir stormwater input	dredging other
17 max 20 pts.	56 subtotal	Metric 4. Habitat Alteration and Develop	ment.
шах 20 pts.	Subiotal	 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	
	56	Recovered (6) Recovering (3) Recent or no recovery (1) ge mowing grazing clearcutting selective cutting woody debris removal toxic pollutants	shrub/sapling removal herbaceous/aquatic bed removal sedimentation dredging farming nutrient enrichment
last revised	i Lebina	ıy 200 i jini	

Site: WOH-111	Rater((s): Brian S	mith Date: 4/12/17
56 subtotal first	page		
0 56	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)
11 67	Metric 6. Plant communi	ities, 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
	1 Emergent		vegetation and is of moderate quality, or comprises a
	o Shrub		significant part but is of low quality
	2 Forest	2	Present and either comprises significant part of wetland's
	0 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.	Namativa D	acceletion of Variation Quality
	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
	Moderate (3) Moderately low (2)	mod	Native spp are dominant component of the vegetation,
	Low (1)	mod	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)	3	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	d Open Water Class Quality
	6d. Microtopography.	0	Absent <0.1ha (0.247 acres)
	Score all present using 0 to 3 scale.	1	Low 0.1 to <1ha (0.247 to 2.47 acres)
	0 Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88 acres)
	2 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more
	2 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
67			

Site: W	OH-122	Į.	Rater(s): Brian Smith	Date: 4/12/17
3	3	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 <1.2t 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)	
5	8	. , , , ,	fers and surrounding land u	se.
max 14 pts.	subtotal	WIDE. Buffers average 50m WIDE. Buffers average 2 NARROW. Buffers average VERY NARROW. Buffers average VERY NARROW. Buffers average VERY LOW. 2nd growth or of LOW. Old field (>10 years), MODERATELY HIGH. Resident	elect only one and assign score. Do not double chec (164ft) or more around wetland perimeter (7) form to <50m (82 to <164ft) around wetland perimeter 10m to <25m (32ft to <82ft) around wetland perimeter erage <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, ne n pasture, row cropping, mining, construction. (1)	(4) er (1)
23	31	Metric 3. Hydrology.		
max 30 pts.	subtotal	3a. Sources of Water. Score all that a High pH groundwater (5) Vother groundwater (3) Precipitation (1) Seasonal/Intermittent surface Perennial surface water (lake) 3c. Maximum water depth. Select only >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) (3) Vol4m (<15.7in) (1) 3e. Modifications to natural hydrologic None or none apparent (12) Recovered (7) Recovering (3) Recent or no recovery (1)	a water (3) b water (3) c or stream) (5) c one and assign score. 2) C y y y y y y y y y y y y y y y y y y	podplain (1) ream/lake and other human use (1) and/upland (e.g. forest), complex (1) rian or upland corridor (1) on/saturation. Score one or dbl check rmanently inundated/saturated (4) hundated/saturated (3) inundated (2) saturated in upper 30cm (12in) (1) e (nonstormwater)
14	45	Metric 4. Habitat Alto	eration and Development.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score one None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) 4b. Habitat development. Select only 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	uble check and average. Check all disturbances observed	
su last revised	45 btotal this pa	Recovered (6) Recovering (3) Recent or no recovery (1)	mowing shrub/saplii	s/aquatic bed removal on

7

Site: WO	H-122	Rater(s): Brian S	mith Date: 4/12/17
subt	45 total first pa	ge		
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-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 to	estricted hydro ngs) (10) atened or enda fowl habitat or	angered species (10) usage (10)
15	60	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
		0 Aquatic bed	1	Present and either comprises small part of wetland's
		2 Emergent		vegetation and is of moderate quality, or comprises a
		Shrub		significant part but is of low quality
		2 Forest	2	Present and either comprises significant part of wetland's
		0 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)		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	d Open Water Class Quality
		6d. Microtopography.	0	Absent <0.1ha (0.247 acres)
		Score all present using 0 to 3 scale.	1	Low 0.1 to <1ha (0.247 to 2.47 acres)
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88 acres)
		2 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more
		3 Standing dead >25cm (10in) dbh		
		2 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
60				

Site: W	OH-123	Ra	iter(s): Brian Smith		Date: 4/25/17
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 pt) 0.3 to <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)		
7	9	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 NARROW. Buffers average 10r VERY NARROW. Buffers average 25m VERY LOW. 2nd growth or oldet VERY 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 ver to <25m (32ft to <82ft) around age <10m (<32ft) around wetland elect one or double check and aver forest, prairie, savannah, wildlub ub land, young second growth for tial, fenced pasture, park, conse	rimeter (7) wetland perimeter (4) d wetland perimeter (1) d perimeter (0) verage. ife area, etc. (7) perst. (5) ervation tillage, new fallo	w field. (3)
16	25	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 3) Perennial surface water (lake or 3) Outer (27.6in) (3) Outer (3.7 (27.6in) (1) Outer (3.7 (27.6in) (1) Seasonal/Intermittent surface water (lake or 3) Perennial surface water (lake or 3) Outer (15.7 (27.6in) (1) Seasonal/Intermittent surface water (lake or 3) Outer (15.7 (27.6in) (2) Outer (15.7 (27.6in) (2) None or none apparent (12) Recovered (7) Recovering (3)	ater (3) stream) (5) 3d. ne and assign score.	Part of wetland/up Part of riparian or Duration inundation/satu Semi- to permane Regularly inundati Seasonally inundation	n (1) ake and other human use (1) bland (e.g. forest), complex (1) upland corridor (1) uration. Score one or dbl check intly inundated/saturated (4) ed/saturated (3) ated (2) tted in upper 30cm (12in) (1)
		Recent or no recovery (1)	dike weir stormwater input	road bed/RR track dredging other	(
13	38	Metric 4. Habitat Alter	ation and Develo	pment.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score one or one of the None or none apparent (4) Vecovered (3) Recovering (2) Recent or no recovery (1) 4b. Habitat development. Select only one Excellent (7) Very good (6) Good (5) Very good (4) Fair (3) Poor to fair (2)			
		Poor (1) 4c. Habitat alteration. Score one or double to the control of the contro			
	38	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/aquat sedimentation dredging farming nutrient enrichmen	tic bed removal
last revised		·			

Site: WO	DH-123	Rater((s): Brian S	mith	Date: 4/25/17	
sut	38 ototal first pa					
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-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)		
7	45	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. O Aquatic bed Emergent	<u> </u>	Absent or comprises <0.1ha (0.24 Present and either comprises small vegetation and is of moderate qualification and is of low guestions.)	all part of wetland's uality, or comprises a	
		0 Shrub 2 Forest 0 Mudflats 0 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 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	cies	
		✓ Moderately low (2) Low (1) None (0)	mod	Native spp are dominant component 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)	NA C	l Ou ou Water Olana Oualite		
		Absent (1) 6d. Microtopography.	Wildflat and	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 acres)	eres)	
		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		
		1 Standing dead >25cm (10in) dbh				
	Amphibian breeding pools Microtopography 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	ghest quality	
			3	Present in moderate or greater ar	nounts	
45				and of highest quality		

Site: W	OH-124	Rater(s): Brian Smith	Date: 4/25/17
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)	
7	8	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 fall ✓ HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)	
16	24	Metric 3. Hydrology.	
max 30 pts.	subtotal	✓ Precipitation (1) Part of wetland/ Seasonal/Intermittent surface water (3) Part of riparian of ripar	ain (1) Allake and other human use (1) Allake and other human use (1) Application (2) Application (1) A
		Metric 4. Habitat Alteration and Development.	
16 max 20 pts.	40	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. Very None or none apparent (9) Check all disturbances observed	
	40	Recovered (6) Recovering (3) Recent or no recovery (1) Recent or no re	atic bed removal
last revised	btotal this pa		

Site: WOI	H-124	Rater	(s): Brian S	Smith	Date: 4/25/17
oite. Wo	11-12-	Itatei	(S). Blian o	711101	Date. 4/25/17
Г]			
	40				
subto	otal first pa	ge			
	, p.a.	Ĭ	de		
0	40	Metric 5. Special Wetlan	ius.		
may 10 pts	subtotal				
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	unrestricted hyd	drology (10)	
		Lake Erie coastal/tributary wetland-r	estricted hydro	ology (5)	
		Lake Plain Sand Prairies (Oak Oper	nings) (10)		
		Relict Wet Prairies (10)		. (40)	
		Known occurrence state/federal three		,	
		Significant migratory songbird/water Category 1 Wetland. See Question			
		1		• ,	
3	43	Metric 6. Plant commun	ities, int	erspersion, microto	ppograpny.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.		Community Cover Scale	174 \!
		Score all present using 0 to 3 scale. O Aquatic bed	0	Absent or comprises <0.1ha (0.24 Present and either comprises small	
		1 Emergent		vegetation and is of moderate q	•
		0 Shrub		significant part but is of low qua	
		1 Forest	2	Present and either comprises sign	nificant part of wetland's
		0 Mudflats		vegetation and is of moderate q	uality or comprises a small
		Open water		part and is of high quality	
		Ohn beringstel (also view) Internal and	3	Present and comprises significant	
		6b. horizontal (plan view) Interspersion. Select only one.	-	vegetation and is of high quality	<u> </u>
		High (5)	Narrative D	Description 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 component	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 to Table 1 ORAM long form for list. Add		moderately high, but generally with threatened or endangered spp	wo presence of rare
		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)	1	the presence of rare, threatened	d, or endangered spp
		✓ Nearly absent <5% cover (0)			
		Absent (1)		d Open Water Class Quality	
		6d. Microtopography. Score all present using 0 to 3 scale.	0 1	Absent <0.1ha (0.247 acres) Low 0.1 to <1ha (0.247 to 2.47 acres)	eroe)
		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	
		0 Standing dead >25cm (10in) dbh	1	,	
		Amphibian breeding pools	Microtopog	graphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if	more common
				of marginal quality	t not of highout
			2	Present in moderate amounts, bu quality or in small amounts of hi	•
			3	Present in moderate or greater ar	
			ŭ	and of highest quality	
43					

Site: W	OH-125	R	ater(s): Brian Smith		Date: 4/25/17
3	3	Metric 1. Wetland Are	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 <20.2 10 to <25 acres (4 to <10.1ha) 3 to <10 acres (1.2 to <4ha) (3 0.3 to <3 acres (0.12 to <1.2ha 0.1 to <0.3 acres (0.04 to <0.1 <0.1 acres (0.04ha) (0 pts)	(4 pts) 3 pts) a) (2pts)		
7	10	Metric 2. Upland buff	ers and surroundi	ng land use.	
max 14 pts.	subtotal	MEDIUM. Buffers average 25 NARROW. Buffers average 19 VERY NARROW. Buffers average 25 Intensity of surrounding land use. S VERY LOW. 2nd growth or old VOW. Old field (>10 years), sl MODERATELY HIGH. Reside	164ft) or more around wetland pe m to <50m (82 to <164ft) around 0m to <25m (32ft to <82ft) around grage <10m (<32ft) around wetlan	rimeter (7) wetland perimeter (4) d wetland perimeter (1) d perimeter (0) verage. life area, etc. (7) perst. (5) ervation tillage, new fallo	w field. (3)
19	29	Metric 3. Hydrology.			
max 30 pts.	subtotal	3a. Sources of Water. Score all that apply thigh pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface of the perennial surface water (lake of the perennial s	water (3) or stream) (5) 3d. one and assign score.	Part of wetland/up Part of riparian or Duration inundation/satu Semi- to permane Regularly inundat Seasonally inundat 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 intly inundated/saturated (4) ed/saturated (3) ated (2) ted in upper 30cm (12in) (1)
		Metric 4. Habitat Alte	stormwater input	other	
17 max 20 pts.	46	4a. <u>Subs</u> trate disturbance. Score one o		pinent.	
		Ab. Habitat development. Select only or Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2)			
		4c. Habitat alteration. Score one or dou	ble check and average. Check all disturbances observed		
[46	Recovered (6) Recovering (3) Recent or no recovery (1)	mowing grazing clearcutting selective cutting woody debris removal	shrub/sapling rem herbaceous/aquat sedimentation dredging farming	
	btotal this pa	·	toxic pollutants	nutrient enrichme	nt
last revised	1 Februa	ry 2001 jjm			

Site: WOH-125	Rater	(s): Brian S	mith	Date: 4/25/17	
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-u Lake Erie coastal/tributary wetland-u 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 end fowl habitat or 1 Qualitative F	angered species (10) r usage (10) Rating (-10)		
10 56	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.	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 q	uality, or comprises a	
	0 Shrub		significant part but is of low qual	lity	
	2 Forest	2	Present and either comprises sign	nificant part of wetland's	
	0 Mudflats		vegetation and is of moderate qu		
	Open water		part and is of high quality		
	0 Other	3	Present and comprises significant	part, or more, of wetland's	
	6b. horizontal (plan view) Interspersion.	· ·	vegetation and is of high quality		
	Select only one.	-	vogotation and to or riight quality		
	High (5)	Narrative D	escription of Vegetation Quality		
	——————————————————————————————————————	-			
	Moderate (3)	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	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	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	res)	
	Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	acres)	
	1 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more		
	2 Standing dead >25cm (10in) dbh				
Amphibian breeding pools Microtopography Cover Scale					
		0	Absent		
		1	Present very small amounts or if n of marginal quality	nore common	
		2	Present in moderate amounts, but quality or in small amounts of high	_	
		3			
		3	Present in moderate or greater an	iounts	
56			and of highest quality		
56					

Site: W	OH-126	R	ater(s): Brian Smith		Date: 4/26/17
2	2	Metric 1. Wetland Are	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 <20.2 10 to <25 acres (4 to <10.1ha) 3 to <10 acres (1.2 to <4ha) (3 ✓ 0.3 to <3 acres (0.12 to <1.2ha 0.1 to <0.3 acres (0.04 to <0.1 <0.1 acres (0.04ha) (0 pts)	(4 pts) pts) a) (2pts)		
7	9	Metric 2. Upland buff	ers and surroundi	ng land use.	
max 14 pts.	subtotal	MEDIUM. Buffers average 250 NARROW. Buffers average 10 VERY NARROW. Buffers average 250. Intensity of surrounding land use. Solven VERY LOW. 2nd growth or old LOW. Old field (>10 years), should be suffered by MODERATELY HIGH. Reside	164ft) or more around wetland pe m to <50m (82 to <164ft) around 0m to <25m (32ft to <82ft) aroun rage <10m (<32ft) around wetlan	rimeter (7) wetland perimeter (4) d wetland perimeter (1) d perimeter (0) verage. life area, etc. (7) orest. (5) ervation tillage, new fallo	w field. (3)
19	28	Metric 3. Hydrology.			
max 30 pts.	subtotal	3a. Sources of Water. Score all that appropriate (a) Whigh pH groundwater (b) Other groundwater (c) Precipitation (c) Seasonal/Intermittent surface (c) Perennial surface water (lake (c) 3c. Maximum water depth. Select only (c) >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) (2) Vo.4m (<15.7in) (1) 3e. Modifications to natural hydrologic reference (continuous propertion) None or none apparent (12) Recovered (7) Recovering (3) Recent or no recovery (1)	water (3) or stream) (5) 3d. one 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) ated (2) uted in upper 30cm (12in) (1)
16	44	Metric 4. Habitat Alte	ration and Develo	pment.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score one o None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) 4b. Habitat development. Select only or Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)			
		4c. Habitat alteration. Score one or dou	ble check and average. Check all disturbances observed		
[su	44 btotal this pa	Recovered (6) Recovering (3) Recent or no recovery (1)	mowing grazing clearcutting selective cutting woody debris removal toxic pollutants	shrub/sapling rem herbaceous/aquat sedimentation dredging farming nutrient enrichmen	tic bed removal
last revised	1 Februa	ıry 2001 jjm			

Site: WO	H-126	Rater((s): Brian S	mith	Date: 4/26/17
subto	44 otal first pa				
0	44	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) Rating (-10)	
4	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. O Aquatic bed Emergent O 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 qual	all part of wetland's uality, or comprises a
		1 Forest 0 Mudflats 0 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
		6b. horizontal (plan view) Interspersion.	3	Present and comprises significant vegetation and is of high quality	
		Select only one.			
		High (5) 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 v	•
		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)	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	acres)
		1 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		o 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	
			2	Present in moderate amounts, bu quality or in small amounts of hi	ghest quality
48			3	Present in moderate or greater an and of highest quality	nounts
, · ~					

Site: WOH-127	Ra	ater(s): Brian Smith		Date: 4/26/17
1 1	Metric 1. Wetland Are	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 <20.2h 10 to <25 acres (4 to <10.1ha) (3 3 to <10 acres (1.2 to <4ha) (3 0.3 to <3 acres (0.12 to <1.2ha)	(4 pts) pts)) (2pts)		
7 8	Metric 2. Upland buffe	ers and surroundin	ng land use.	
max 14 pts. subtotal	✓ MEDIUM. Buffers average 25m NARROW. Buffers average 10 VERY NARROW. Buffers average 2b. Intensity of surrounding land use. Se VERY LOW. 2nd growth or old ✓ LOW. Old field (>10 years), shi MODERATELY HIGH. Resider	64ft) or more around wetland pering to <50m (82 to <164ft) around word to <25m (32ft to <82ft) around age <10m (<32ft) around wetland	meter (7) retland perimeter (4) wetland perimeter (1) perimeter (0) erage. re area, etc. (7) rest. (5) vation tillage, new fallov	w field. (3)
18 26	Metric 3. Hydrology.		, ,	
max 30 pts. subtotal	Recovered (7) Recovering (3) Recent or no recovery (1)	vater (3) r stream) (5) 3d. E ne and assign score. gime. Score one or double check check all disturbances observed ditch tile dike weir stormwater input	✓ Part of wetland/up Part of riparian or Semi- to permane Regularly inundate ✓ Seasonally inundate ✓ Seasonally satura and average. point source (nons filling/grading road bed/RR track dredging other	n (1) ake and other human use (1) ake and other human use (1) land (e.g. forest), complex (1) upland corridor (1) ration. Score one or dbl check ntly inundated/saturated (4) ed/saturated (3) ated (2) ted in upper 30cm (12in) (1)
17 43	Metric 4. Habitat Alter	ration and Develor	oment.	
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) V Moderately good (4) Fair (3) Poor to fair (2) Poor (1)			
	4c. Habitat alteration. Score one or doub			
43 subtotal this pa	Recovered (6) Recovering (3) Recent or no recovery (1)	check all disturbances observed mowing grazing clearcutting selective cutting woody debris removal toxic pollutants	shrub/sapling rem herbaceous/aquat sedimentation dredging farming nutrient enrichmer	ic bed removal

Site: WOH-127	Rater	(s): Brian S	mith	Date: 4/26/17
43 subtotal first p 0 43	Metric 5. Special Wetlan	ıds.		
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 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 hydronings) (10) eatened or ender fowl habitat or 1 Qualitative F	angered species (10) usage (10) Rating (-10)	
7 50	Metric 6. Plant commun	ities, int	erspersion, microto	ppography.
max 20 pts. subtotal	⊒ 6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
	Score all present using 0 to 3 scale. O Aquatic bed Emergent	0	Absent or comprises <0.1ha (0.2d Present and either comprises sm vegetation and is of moderate of	all part of wetland's quality, or comprises a
	0 Shrub 0 Forest 0 Mudflats	2	significant part but is of low qua Present and either comprises sign vegetation and is of moderate of	nificant part of wetland's
	0 Open water 0 Other	3	part and is of high quality Present and comprises significan	
	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 predomi disturbance tolerant native spec	
	Moderately low (2) Low (1) None (0)	mod	Native spp are dominant compon 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 threatened or endangered spp	w/o presence of rare
	or deduct points for coverage Extensive >75% cover (-5) Moderate 25-75% cover (-3) Sparse 5-25% cover (-1)	high	A predominance of native species and/or disturbance tolerant nati absent, and high spp diversity at the presence of rare, threateners	ve spp absent or virtually and often, but not always,
	✓ Nearly absent <5% cover (0)			
	Absent (1)		d Open Water Class Quality	
	6d. Microtopography. Score all present using 0 to 3 scale.	0 1	Absent <0.1ha (0.247 acres) Low 0.1 to <1ha (0.247 to 2.47 acres)	eres)
	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 of marginal quality	
		2	Present in moderate amounts, bu quality or in small amounts of h	•
50		3	Present in moderate or greater are and of highest quality	mounts

Site: W	OH-128	Ra	ater(s): Brian Smith		Date: 4/26/17
2	2	Metric 1. Wetland Are	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 <20.2h 10 to <25 acres (4 to <10.1ha) 3 to <10 acres (1.2 to <4ha) (3 0.3 to <3 acres (0.12 to <1.2ha) 0.1 to <0.3 acres (0.04 to <0.12 <0.1 acres (0.04ha) (0 pts)	(4 pts) pts)) (2pts)		
7	9	Metric 2. Upland buffe	ers and surroundi	ng land use.	
max 14 pts.	subtotal	✓ MEDIUM. Buffers average 25n NARROW. Buffers average 10 VERY NARROW. Buffers aver 2b. Intensity of surrounding land use. So VERY LOW. 2nd growth or old ✓ LOW. Old field (>10 years), sh MODERATELY HIGH. Resider	64ft) or more around wetland pe n to <50m (82 to <164ft) around m to <25m (32ft to <82ft) around age <10m (<32ft) around wetland	rimeter (7) wetland perimeter (4) d wetland perimeter (1) d perimeter (0) verage. life area, etc. (7) perst. (5) ervation tillage, new fallo	w field. (3)
10	19	Metric 3. Hydrology.			
max 30 pts.	subtotal	3a. Sources of Water. Score all that app High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface w Perennial surface water (lake o 3c. Maximum water depth. Select only o >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) (2) <0.4m (<15.7in) (1) 3e. Modifications to natural hydrologic re-	vater (3) r stream) (5) ne and assign score. gime. Score one or double chec	Part of wetland/up Part of riparian or Duration inundation/satu Semi- to permane Regularly inundat Seasonally inundat ✓ 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)	check all disturbances observed ditch tile dike weir stormwater input	point source (nonsignating) filling/grading road bed/RR track dredging other_Limited trash/debris	(
11	30	Metric 4. Habitat Alter	ration 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 doub			
su	30	Recovered (6) Recovering (3) Recent or no recovery (1)	Check all disturbances observed mowing grazing clearcutting selective cutting woody debris removal toxic pollutants	shrub/sapling rem herbaceous/aquat sedimentation dredging farming nutrient enrichmen	tic bed removal
last revised	1 Februa	ry 2001 jjm			

Site: WO	DH-128	Rater(s): Brian S	mith	Date: 4/26/17
sub	30 ototal first pa	Ĭ			
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 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)	
1	31	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. O Aquatic bed Emergent	0 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
		0 Shrub 1 Forest 0 Mudflats 0 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
		0 Other	3	Present and comprises significant	
		6b. horizontal (plan view) Interspersion.		vegetation and is of high quality	
		Select only one.	Newstive D	acceptation of Variation Overlies	
		High (5) Moderately high(4) Moderate (3)	low	Escription of Vegetation Quality Low spp diversity and/or predoming disturbance tolerant native specific productions.	
		Moderately low (2) ✓ Low (1)	mod	Native spp are dominant compone although nonnative and/or distu	ent of the vegetation, rbance tolerant native spp
		None (0) 6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add		can also be present, and specie 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)		d Open Water Class Quality	
		6d. Microtopography. Score all present using 0 to 3 scale.	0 1	Absent <0.1ha (0.247 acres) Low 0.1 to <1ha (0.247 to 2.47 acres)	eres)
		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	
		0 Standing dead >25cm (10in) dbh		[
	o Amphibian breeding pools Microtopography 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
			3	Present in moderate or greater an and of highest quality	nounts
31					

Site: W	OH-129	Rater(s): Brian Smith	Date: 4/26/17
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)	
1	2	Metric 2. Upland buffers and surrounding land use) <u> </u>
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 (7) 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 farther than the property of the conservation of the c	
4	6	Metric 3. Hydrology.	
max 30 pts.	subtotal	✓ Precipitation (1) Part of wetland Seasonal/Intermittent surface water (3) Part of riparian Perennial surface water (lake or stream) (5) 3d. Duration inundation/s 3c. Maximum water depth. Select only one and assign score. Semi- to perma >0.7 (27.6in) (3) Regularly inundation 0.4 to 0.7m (15.7 to 27.6in) (2) Seasonally inundation ✓ 0.4m (<15.7in) (1)	plain (1) m/lake and other human use (1) /upland (e.g. forest), complex (1) or upland corridor (1) aturation. Score one or dbl check anently inundated/saturated (4) dated/saturated (3)
		3e. Modifications to natural hydrologic regime. Score one or double check and average. None or none apparent (12) Recovered (7) Recovering (3) Recent or no recovery (1) ditch filling/grading road bed/RR tr. dredging stormwater input volter Limited trash/d	ack
3	9	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.	
	9 btotal this pa	Recent or no recovery (1) Clearcutting Sedimentation	uatic bed removal
last revised	1 Februa	ary 2001 jjm	

Site: W	OH-129	Rater(s): Brian Sn	nith Date: 4/26/17
su	9 btotal first pa	lge		
0	9	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-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 to	estricted hydrolo ings) (10) atened or endar fowl habitat or u	ngered species (10) usage (10)
1	10	Metric 6. Plant communi	ties, inte	erspersion, microtopography.
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 (0.2471 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
		o Shrub		significant part but is of low quality
		Forest	2	Present and either comprises significant part of wetland's
		0 Mudflats		vegetation and is of moderate quality or comprises a small
		Open water		part and is of high quality
		O 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)	Narrativo Do	scription of Vegetation Quality
		Moderately high(4)	low	Low spp diversity and/or predominance of nonnative or
		Moderate (3)	IOW	disturbance tolerant native species
		Moderately low (2)	mod	Native spp are dominant component of the vegetation,
		✓ Low (1)		although nonnative and/or disturbance tolerant native spp
		None (0)		can also be present, and species diversity moderate to
		6c. Coverage of invasive plants. Refer		moderately high, but generally w/o presence of rare
		to Table 1 ORAM long form for list. Add		threatened or endangered spp
		or deduct points for coverage	high	A predominance of native species, with nonnative spp
		Extensive >75% cover (-5)		and/or disturbance tolerant native spp absent or virtually
		Moderate 25-75% cover (-3)		absent, and high spp diversity and often, but not always,
		Sparse 5-25% cover (-1)		the presence of rare, threatened, or endangered spp
		✓ Nearly absent <5% cover (0)		
		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/tussucksCoarse woody debris >15cm (6in)	3	Moderate 1 to <4ha (2.47 to 9.88 acres) High 4ha (9.88 acres) or more
		O Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh		right 4ffa (9.00 acres) of filore
		Amphibian breeding pools	Microtopogr	aphy 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
			-	and of highest quality
10				·

Site: W	OH-130		Rater(s): Brian Smith	Date: 4/26/17
1	1	Metric 1. Wetland A	rea (size).	
max 6 pts.	subtotal	Select one size class and assign score >50 acres (>20.2ha) (6 pts) 25 to <50 acres (10.1 to <20 10 to <25 acres (4 to <10.1h 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 <0.2 <0.1 acres (0.04ha) (0 pts)	0.2ha) (5 pts) na) (4 pts) (3 pts) 2ha) (2pts)	
10	11	Metric 2. Upland but	ffers and surrounding land use.	
max 14 pts.	subtotal	✓ WIDE. Buffers average 50n MEDIUM. Buffers average 3 NARROW. Buffers average 3 VERY NARROW. Buffers a 2b. Intensity of surrounding land use. VERY LOW. 2nd growth or ✓ LOW. Old field (>10 years), MODERATELY HIGH. Res	telect only one and assign score. Do not double check. In (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) 10m to <32ft) around wetland perimeter (1) 10m to <32ft) around wetland perimeter (0) 10m (32ft) around wetland perimeter (0) 10m select one or double check and average. 10m (7) 10m shrub land, young second growth forest. (5) 10m idential, fenced pasture, park, conservation tillage, new fall 10m pasture, row cropping, mining, construction. (1)	
15	26	Metric 3. Hydrology		
max 30 pts.	subtotal	3a. Sources of Water. Score all that a High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface Perennial surface water (lak 3c. Maximum water depth. Select onlessed on the select onlessed of	te water (3) e or stream) (5) y one and assign score. (2) 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	41	Metric 4. Habitat Alt	eration and Development.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score one ✓ None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) 4b. Habitat development. Select only Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) ✓ Poor to fair (2) Poor (1)	one and assign score.	
	41	4c. Habitat alteration. Score one or d None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)	cuble check and average. Check all disturbances observed mowing shrub/sapling replacement of the second shrub and	atic bed removal
last revised	btotal this pa			

7

Site: W	OH-130	Rater	(s): Brian Sr	mith	Date: 4/26/17
	41 btotal first pa	Metric 5. Special Wetlan	nds		
0	41	Metric of Openial Wetlan	idoi		
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-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 hydrol nings) (10) eatened or enda fowl habitat or	angered species (10) usage (10)	
5	46	Metric 6. Plant commun	ities, 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	171 acres) contiguous area
		0 Aquatic bed	1	Present and either comprises sma	
		0 Emergent		vegetation and is of moderate q	
		0 Shrub 1 Forest	2	significant part but is of low qua Present and either comprises sign	
		0 Mudflats	2	vegetation and is of moderate q	
		0 Open water		part and is of high quality	adiny of comprisco a circuit
		0 Other	3	Present and comprises significant	part, or more, of wetland's
		6b. horizontal (plan view) Interspersion.		vegetation and is of high quality	
		Select only one.			
		High (5) Moderately high(4)		escription of Vegetation Quality Low spp diversity and/or predomin	agnes of pappative or
		Moderate (3)	low	disturbance tolerant native spec	
		✓ 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		moderately high, but generally w	v/o presence of rare
		to Table 1 ORAM long form for list. Add or deduct points for coverage	high	threatened or endangered spp A predominance of native species	with nonnative snn
		Extensive >75% cover (-5)	mgn	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)	Maradel - 4	LOWER Water Oleren Overlife	
		Absent (1) 6d. Microtopography.	Windtiat and	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	cres)
		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	<u> </u>
		1 Standing dead >25cm (10in) dbh			
		Amphibian breeding pools		raphy Cover Scale	
			0	Absent Present very small amounts or if r	more common
			,	of marginal quality	noro common
			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	
46				and or highest quality	

Site: W	OH-131		Rater(s): Brian Smith		Date: 4/27/17
3	3	Metric 1. Wetland Ar	ea (size).		
max 6 pts.	subtotal	Select one size class and assign score. >50 acres (>20.2ha) (6 pts) 25 to <50 acres (10.1 to <20. 10 to <25 acres (4 to <10.1ha ✓ 3 to <10 acres (1.2 to <4ha) (0.3 to <3 acres (0.12 to <1.2ha) 0.1 to <0.3 acres (0.04 to <0. <0.1 acres (0.04ha) (0 pts)	2ha) (5 pts) a) (4 pts) (3 pts) na) (2pts)		
10	13	Metric 2. Upland buf	fers and surround	ing land use.	
max 14 pts.	subtotal	MEDIUM. Buffers average 2 NARROW. Buffers average VERY NARROW. Buffers average 2b. Intensity of surrounding land use. VERY LOW. 2nd growth or of LOW. Old field (>10 years), MODERATELY HIGH. Resident average 2 MEDIUM. Buffers average 2 NARROW. Buffers average 3 NARROW. Buffers 3 N	(164ft) or more around wetland pe 5m to <50m (82 to <164ft) around 10m to <25m (32ft to <82ft) aroun erage <10m (<32ft) around wetlan	erimeter (7) wetland perimeter (4) d wetland perimeter (1) d perimeter (0) verage. llife area, etc. (7) forest. (5) ervation tillage, new fallo	ow field. (3)
20	33	Metric 3. Hydrology.			
max 30 pts.	subtotal	3a. Sources of Water. Score all that all High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface Perennial surface water (lake 3c. Maximum water depth. Select only >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) (2 < 0.4m (<15.7in) (1) 3e. Modifications to natural hydrologic None or none apparent (12) Recovered (7)	e water (3) or stream) (5) one and assign score. 2) regime. Score one or double chec Check all disturbances observed ditch	Part of wetland/up Part of riparian or Duration inundation/satu Semi- to permane Regularly inundat Seasonally inundat Seasonally satura k and average.	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)
		Recovering (3) Recent or no recovery (1)	tile dike weir stormwater input	filling/grading road bed/RR track dredging other	k
14	47	Metric 4. Habitat Alto	eration and Develo	pment.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score one None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) 4b. Habitat development. Select only 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			
	47	·	Check 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	i i enius	ny ∠∪∪ i jjin			

Site: WOH-131	Rater(s): Brian S	mith Date: 4/27/17
	1		
47			
subtotal first p	age		
0 47	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 Openi		logy (5)
	Relict Wet Prairies (10)	1193/(10)	
	Known occurrence state/federal threa	atened or enda	angered species (10)
	Significant migratory songbird/water		
	Category 1 Wetland. See Question		
13 60	Metric 6. Plant communi	ties, int	erspersion, microtopography.
max 20 pts. subtotal	Go Wetland Vegetation Communities	Venetation	Community Cover Scale
max 20 pts. Subtotal	6a. Wetland Vegetation Communities. Score all present using 0 to 3 scale.	vegetation 0	Absent or comprises <0.1ha (0.2471 acres) contiguous area
	0 Aquatic bed	1	Present and either comprises small part of wetland's
	1 Emergent		vegetation and is of moderate quality, or comprises a
	Shrub 3 Forest	2	significant part but is of low quality Present and either comprises significant part of wetland's
	0 Mudflats	2	vegetation and is of moderate quality or comprises a small
	Open water		part and is of high quality
	0 Other	3	Present and comprises significant part, or more, of wetland's
	6b. horizontal (plan view) Interspersion. Select only one.		vegetation and is of high quality
	High (5)	Narrative D	escription of Vegetation Quality
	✓ Moderately high(4)	low	Low spp diversity and/or predominance of nonnative or
	Moderate (3)		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	high	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) 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	2	Moderate 1 to <4ha (2.47 to 9.88 acres)
	2 Coarse woody debris >15cm (6in) 2 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 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
60			and of highest quality
1~~ I			

Site: W	OH-132	F	Rater(s): Brian Smith		Date: 4/28/17
2	2	Metric 1. Wetland Are	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 <20.2 10 to <25 acres (4 to <10.1ha 3 to <10 acres (1.2 to <4ha) (3 0.3 to <3 acres (0.12 to <1.2h 0.1 to <0.3 acres (0.04 to <0.7 <0.1 acres (0.04ha) (0 pts)) (4 pts) 3 pts) a) (2pts)		
14	16	Metric 2. Upland buff	ers and surroundi	ng land use.	
max 14 pts.	subtotal	MEDIUM. Buffers average 25 NARROW. Buffers average 1 VERY NARROW. Buffers average 25 Intensity of surrounding land use. VERY LOW. 2nd growth or o LOW. Old field (>10 years), s MODERATELY HIGH. Resid	(164ft) or more around wetland pe 5m to <50m (82 to <164ft) around 10m to <25m (32ft to <82ft) around erage <10m (<32ft) around wetlan	rimeter (7) wetland perimeter (4) d wetland perimeter (1) d perimeter (0) verage. life area, etc. (7) orest. (5) ervation tillage, new fallo	w field. (3)
20	36	Metric 3. Hydrology.			
max 30 pts.	subtotal	3a. Sources of Water. Score all that ap High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface Perennial surface water (lake 3c. Maximum water depth. Select only >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) (2 Vo.4m (<15.7in) (1) 3e. Modifications to natural hydrologic received (7) Recovered (7) Recovering (3)	water (3) or stream) (5) 3d. one 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) ated (2) tted in upper 30cm (12in) (1)
		Recent or no recovery (1)	dike weir stormwater input	road bed/RR tracl dredging other	(
18	54	Metric 4. Habitat Alte	ration and Develo	pment.	
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 douted a limit of the second of the secon	uble check and average. Check all disturbances observed mowing grazing clearcutting	shrub/sapling rem herbaceous/aqua sedimentation	
_ su	54 btotal this pa		selective cutting woody debris removal toxic pollutants	dredging farming nutrient enrichme	nt
last revised	1 Februa	ıry 2001 jjm			

Site: WO	DH-132	Rater((s): Brian S	mith	Date: 4/28/17
sub	54 ototal first pa	i			
0	54	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 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) ating (-10)	
11	65	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. O Aquatic bed Emergent	1	Absent or comprises <0.1ha (0.24 Present and either comprises small vegetation and is of moderate qualification and is of flowers.	all part of wetland's uality, or comprises a
		0 Shrub 2 Forest 0 Mudflats 0 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 vegetation and is of high quality	
		Select only one.			
		High (5) ✓ Moderately high(4) Moderate (3)	Narrative D low	Escription of Vegetation Quality Low spp diversity and/or predoming disturbance tolerant native specific productions.	
		Moderately low (2) Low (1) None (0)	mod	Native spp are dominant compone although nonnative and/or distuction can also be present, and species	ent of the vegetation, 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	
		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)	Mudflotone	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	eres)
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	acres)
		1 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		Standing dead >25cm (10in) dbh Amphibian breeding pools	Microtopoo	raphy Cover Scale	
		Z Amphibian breeding pools	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	
65					

Site: W	/OH-136		Rater(s): MAM		Date: 10/17/2017
2	2	Metric 1. Wetland Ar	ea (size).		
max 6 pts.	subtotal	Select one size class and assign score >50 acres (>20.2ha) (6 pts) 25 to <50 acres (10.1 to <20 10 to <25 acres (4 to <10.1h 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)		
2	4	Metric 2. Upland but	fers and surround	ing land use.	
max 14 pts.	subtotal	MEDIUM. Buffers average 2 NARROW. Buffers average 2 VERY NARROW. Buffers average 2 VERY LOW. 2nd growth or LOW. Old field (>10 years), MODERATELY HIGH. Resi	i (164ft) or more around wetland p 25m to <50m (82 to <164ft) around 10m to <25m (32ft to <82ft) arour verage <10m (<32ft) around wetlar	erimeter (7) wetland perimeter (4) nd wetland perimeter (1) nd perimeter (0) average. dlife area, etc. (7) forest. (5) servation tillage, new fallo	w field. (3)
19.5	23.5	Metric 3. Hydrology.			
max 30 pts.	subtotal	3a. Sources of Water. Score all that a High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface Perennial surface water (lake) 3c. Maximum water depth. Select onlessed in the surface of the select onlessed in	e water (3) e or stream) (5) 3d. y one and assign score. 2)	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) pland (e.g. forest), complex (1) upland corridor (1) uration. Score one or dbl check ently inundated/saturated (4) red/saturated (3)
		None or none apparent (12) Recovered (7) Recovering (3) Recent or no recovery (1)	ditch tile dike weir stormwater input	point source (non filling/grading road bed/RR track dredging other_	
13	36.5	Metric 4. Habitat Alt	eration and Develo	opment.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score one Volume or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) 4b. Habitat development. Select only Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)			
		4c. Habitat alteration. Score one or do None or none apparent (9)	ouble check and average. Check all disturbances observed		
si last revised	36.5	Recovered (6) Recovering (3) Recent or no recovery (1)	mowing grazing clearcutting selective cutting woody debris removal toxic pollutants	shrub/sapling rem herbaceous/aqua sedimentation dredging farming nutrient enrichme	tic bed removal
1991 1611960	i i coida	ry 200 r jjill			

Site: W	OH-136	Rater	s): MAM		Date: 10/17/2017
su	36.5	ge			
0	36.5	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	angered species (10) usage (10) ating (-10)	
6	42.5	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. O Aquatic bed Emergent O 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 Shrub 1 Forest 0 Mudflats 1 Open water	2	Present and either comprises sign vegetation and is of moderate quality	nificant part of wetland's
		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 predomine 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	
		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)		Open Water Class Quality	
		6d. Microtopography. Score all present using 0 to 3 scale.	0 1	Absent <0.1ha (0.247 acres) Low 0.1 to <1ha (0.247 to 2.47 acres)	eroe)
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	<u> </u>
		1 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		1 Standing dead >25cm (10in) dbh		[g (
	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	•
	1		3	Present in moderate or greater an and of highest quality	
42.5					

Site: W	OH-140		Rater(s): MAM		Date: 10/18/2017
2	2	Metric 1. Wetland A	rea (size).		
max 6 pts.	subtotal	Select one size class and assign scorn >50 acres (>20.2ha) (6 pts) 25 to <50 acres (10.1 to <20 10 to <25 acres (4 to <10.11 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 <0.3) <p><0.1 acres (0.04ha) (0 pts)</p>	D.2ha) (5 pts) na) (4 pts) I (3 pts) 2ha) (2pts)		
2	4	Metric 2. Upland bu	ffers and surround	ling land use.	
max 14 pts.	subtotal	MEDIUM. Buffers average ✓ NARROW. Buffers average VERY NARROW. Buffers a 2b. Intensity of surrounding land use. VERY LOW. 2nd growth or LOW. Old field (>10 years) MODERATELY HIGH. Res	m (164ft) or more around wetland p 25m to <50m (82 to <164ft) around a 10m to <25m (32ft to <82ft) arou average <10m (<32ft) around wetla	perimeter (7) If wetland perimeter (4) Ind wetland perimeter (1) Ind perimeter (0) Ind perimeter (0) Ind perimeter (7) Ind perimeter (7) Ind perimeter (7) Ind perimeter (8) Indiana	ow field. (3)
17	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 surface Perennial surface water (lak 3c. Maximum water depth. Select on >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) < 0.4m (<15.7in) (1) 3e. Modifications to natural hydrological surface water (lak) 3c. Maximum water depth. Select on (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) 0.4 to 0.7m (15.7 to 27.6in) 0.4 to 0.7m (15.7 to 27.6in) 0.5 to 0.4m (<15.7in) (1)	ce water (3) se or stream) (5) ly one and assign score.	Part of wetland/u Part of riparian or Duration inundation/sate Semi- to permane Regularly inundation Seasonally inundation	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)
		None or none apparent (12) Recovered (7) Recovering (3) Recent or no recovery (1)	Check all disturbances observed ditch tile dike weir stormwater input	point source (non filling/grading road bed/RR trac dredging other_	
14	35	Metric 4. Habitat Alt	eration and Develo	opment.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score one None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) 4b. Habitat development. Select only Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2)			
		Poor (1) 4c. Habitat alteration. Score one or d	ouble check and average.		
[su	35	None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)	Check all disturbances observed mowing grazing clearcutting selective cutting woody debris removal toxic pollutants	shrub/sapling ren herbaceous/aqua sedimentation dredging farming nutrient enrichme	tic bed removal
last revised	1 Februa	ry 2001 jjm			

Site: W	OH-140	Rater((s): MAM	Date: 10/18/2017
	35			
0	35	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 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) ating (-10)
6	41	Metric 6. Plant communi 	ities, 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
		2 Forest	2	Present and either comprises significant part of wetland's
		0 Mudflats		vegetation and is of moderate quality or comprises a small
		Open water		part and is of high quality
		0 Other	3	Present and comprises significant part, or more, of wetland's
		6b. horizontal (plan view) Interspersion.		vegetation and is of high quality
		Select only one.	-	1
		High (5)	Narrative D	escription of Vegetation Quality
		Moderately high(4)	low	Low spp diversity and/or predominance of nonnative or
		Moderate (3)	IOW	disturbance tolerant native species
		` '		·
		Moderately low (2)	mod	Native spp are dominant component of the vegetation,
		Low (1)		although nonnative and/or disturbance tolerant native spp
		None (0)		can also be present, and species diversity moderate to
		6c. Coverage of invasive plants. Refer		moderately high, but generally w/o presence of rare
		to Table 1 ORAM long form for list. Add		threatened or endangered spp
		or deduct points for coverage	high	A predominance of native species, with nonnative spp
		Extensive >75% cover (-5)		and/or disturbance tolerant native spp absent or virtually
		Moderate 25-75% cover (-3)		absent, and high spp diversity and often, but not always,
		Sparse 5-25% cover (-1)		the presence of rare, threatened, or endangered spp
		✓ Nearly absent <5% cover (0)		
		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)
		2 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more
		1 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
			5	and of highest quality
				and of ingrious quality

Site: W	OH-141	Rater(s): MAM Date: 10/18/2017	
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)	
3	4	Metric 2. Upland buffers and surrounding land use.	
max 14 pts.	subtotal	2a. Calculate average buffer width. Select only one and assign score. Do not double check. WIDE. Buffers average 50m (164ft) or more around wetland perimeter (7) MEDIUM. Buffers average 25m to <50m (82 to <164ft) around wetland perimeter (4) NARROW. Buffers average 10m to <25m (32ft to <82ft) around wetland perimeter (1) VERY NARROW. Buffers average <10m (<32ft) around wetland perimeter (0) 2b. Intensity of surrounding land use. Select one or double check and average. VERY LOW. 2nd growth or older forest, prairie, savannah, wildlife area, etc. (7) ∠ LOW. Old field (>10 years), shrub land, young second growth forest. (5) MODERATELY HIGH. Residential, fenced pasture, park, conservation tillage, new fallow field. (3) ✓ HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)	
8	12	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 (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) 3b. Connectivity. Score all that apply. 100 year floodplain (1) Part of wetland/upland (e.g. forest), com Part of riparian or upland corridor (1) 3d. Duration inundation/saturation. Score one or	nplex (1) dbl check ed (4)
		None or none apparent (12) Recovered (7) Recovering (3) Recent or no recovery (1) Check all disturbances observed ditch point source (nonstormwater) filling/grading road bed/RR track weir dredging other	
7	19	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 last revised	19 btotal this pa		
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Site: W	OH-141	Rater	(s): MAM		Date: 10/18/2017
su	19 btotal first pa	lge			
0	19	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 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)	
-3	16	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. O Aquatic bed Emergent	0	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
		0 Shrub 0 Forest 0 Mudflats 0 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
		0 Other	3	Present and comprises significant	part, or more, of wetland's
		6b. horizontal (plan view) Interspersion.		vegetation and is of high quality	, ,
		Select only one.			
		High (5)	Narrative D	escription of Vegetation Quality	
		Moderately high(4) 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 was 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)		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 Coarse woodly debries 245 are (Cir.)	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	
		O Standing dead >25cm (10in) dbh	Microtopoo	ranhy Cover Scale	
	0 Amphibian breeding pools			raphy Cover Scale	
			0 1	Absent Present very small amounts or if r of marginal quality	more common
			2	Present in moderate amounts, but quality or in small amounts of hi	•
			3	Present in moderate or greater an and of highest quality	
16					

Site: W	/OH-142		Rater(s): MAM		Date: 10/18/2017
1	1	Metric 1. Wetland A	rea (size).		
max 6 pts.	subtotal	Select one size class and assign score >50 acres (>20.2ha) (6 pts) 25 to <50 acres (10.1 to <20 10 to <25 acres (4 to <10.1h 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 <0.4 acres (0.04 to <0.1 acres (0.04ha) (0 pts)	0.2ha) (5 pts) na) (4 pts) (3 pts) 2ha) (2pts)		
4	5	Metric 2. Upland but	ffers and surround	ing land use.	
max 14 pts.	subtotal	MEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers a verage VERY NARROW. Buffers a verage VERY LOW. 2nd growth or ✓ LOW. Old field (>10 years), MODERATELY HIGH. Res	n (164ft) or more around wetland p 25m to <50m (82 to <164ft) around 10m to <25m (32ft to <82ft) arour verage <10m (<32ft) around wetlar	erimeter (7) I wetland perimeter (4) nd wetland perimeter (1) nd perimeter (0) average. dlife area, etc. (7) forest. (5) servation tillage, new fallo	w field. (3)
11	16	Metric 3. Hydrology	•		
max 30 pts.	subtotal	3a. Sources of Water. Score all that a High pH groundwater (5) Vother groundwater (3) Precipitation (1) Seasonal/Intermittent surface Perennial surface water (lak 3c. Maximum water depth. Select onless of 20.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) Vol.4m (<15.7in) (1) 3e. Modifications to natural hydrologic	e water (3) e or stream) (5) 3d. y one and assign score. (2) regime. Score one or double che	Part of wetland/up Part of riparian or Duration inundation/sate Semi- to permane Regularly inundation/ Seasonally inundation/ Seasonally saturack and average.	in (1) ake and other human use (1) pland (e.g. forest), complex (1) upland corridor (1) uration. Score one or dbl check ently inundated/saturated (4) red/saturated (3)
		None or none apparent (12) Recovered (7) Recovering (3) Recent or no recovery (1)	ditch tile dike weir stormwater input	point source (non filling/grading road bed/RR trac dredging other	
7	23	Metric 4. Habitat Alt	eration and Develo	opment.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score one None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) 4b. Habitat development. Select only Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2)			
		Poor (1) 4c. Habitat alteration. Score one or d			
sı last revised	23	•	Check 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
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Site: W	OH-142	Rater	(s): MAM	Date: 10/18/2017
	23]		·
su	btotal first pa	dge		
0	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 Plain Sand Prairies (Oak Open Relict Wet Prairies (10) Known occurrence state/federal thre. Significant migratory songbird/water	estricted hydro ings) (10) atened or enda	angered species (10)
		Category 1 Wetland. See Question		
-4	19	Metric 6. Plant communi	ities, 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
		0 Aquatic bed	1	Present and either comprises small part of wetland's
		1 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
		0 Mudflats		vegetation and is of moderate quality or comprises a small
		Open water		part and is of high quality
		0 Other	3	Present and comprises significant part, or more, of wetland's
		6b. horizontal (plan view) Interspersion.		vegetation and is of high quality
		Select only one.		
		High (5)	Narrative D	escription of Vegetation Quality
		Moderately high(4)	low	Low spp diversity and/or predominance of nonnative or
		Moderate (3)		disturbance tolerant native species
		Moderately low (2)	mod	Native spp are dominant component of the vegetation,
		Low (1)		although nonnative and/or disturbance tolerant native spp
		✓ None (0)		can also be present, and species diversity moderate to
		6c. Coverage of invasive plants. Refer		moderately high, but generally w/o presence of rare
		to Table 1 ORAM long form for list. Add		threatened or endangered spp
		or deduct points for coverage	high	A predominance of native species, with nonnative spp
		✓ Extensive >75% cover (-5)		and/or disturbance tolerant native spp absent or virtually
		Moderate 25-75% cover (-3)		absent, and high spp diversity and often, but not always,
		Sparse 5-25% cover (-1)		the presence of rare, threatened, or endangered spp
		Nearly absent <5% cover (0)		
		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	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
		O 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: W	OH-143	F	Rater(s): MAM		Date: 10/19/2017
2	2	Metric 1. Wetland Are	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 <20.1 to <20.1 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 <0.1 column colu	2ha) (5 pts) ı) (4 pts) 3 pts) ıa) (2pts)		
5	7	Metric 2. Upland buff	fers and surround	ing land use.	
max 14 pts.	subtotal	MEDIUM. Buffers average 29 VARROW. Buffers average 29 VERY NARROW. Buffers average 29 VERY NARROW. Buffers average 29 VERY LOW. 200 LOW. Old field (>10 years), so MODERATELY HIGH. Resident	(164ft) or more around wetland per 5m to <50m (82 to <164ft) around 10m to <25m (32ft to <82ft) arour erage <10m (<32ft) around wetlar	erimeter (7) wetland perimeter (4) of wetland perimeter (1) of perimeter (0) verage. Hife area, etc. (7) forest. (5) ervation tillage, new fallo	w field. (3)
22	29	Metric 3. Hydrology.			
max 30 pts.	subtotal	3a. Sources of Water. Score all that are High pH groundwater (5) Vother groundwater (3) Precipitation (1) Seasonal/Intermittent surface Perennial surface water (lake) 3c. Maximum water depth. Select only >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) (2 Vo.4m (<15.7in) (1) 3e. Modifications to natural hydrologic Recovered (7) Recovering (3) Recent or no recovery (1)	water (3) or stream) (5) one 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) cupland corridor (1) curation. Score one or dbl check ently inundated/saturated (4) ed/saturated (3) ated (2) ated in upper 30cm (12in) (1) stormwater)
]	stormwater input	other	
7	36	Metric 4. Habitat Alte		opment.	
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 None or none apparent (9)	uble check and average. Check all disturbances observed		
વા	36	Recovered (6) Recovering (3) Recent or no recovery (1)	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	•	<u> </u>			

Site: W	OH-143	Rater(s	s): MAM		Date: 10/19/2017
sul	36 btotal first pa	•			
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	estricted hydrol ngs) (10) atened or enda fowl habitat or Qualitative Ra	ngered species (10) usage (10) ating (-10)	
5	41	Metric 6. Plant communi	ties, inte	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 (0.247	1 acres) contiguous area
		O Aquatic bed Emergent O Shrub	1	Present and either comprises small vegetation and is of moderate qua- significant part but is of low quality	ality, or comprises a
		2 Forest	2	Present and either comprises signif	•
		0 Mudflats 0 Open water	2	vegetation and is of moderate qua part and is of high quality	
		0 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.		1	
		High (5)	Narrative De	escription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predomina	nce of nonnative or
		Moderate (3)	1011	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	•
		to Table 1 ORAM long form for list. Add		threatened or endangered spp	p
		or deduct points for coverage	high	A predominance of native species,	with nonnative spp
		Extensive >75% cover (-5)	J	and/or disturbance tolerant native	· · ·
		Moderate 25-75% cover (-3)		absent, and high spp diversity and	• • • • • • • • • • • • • • • • • • • •
		Sparse 5-25% cover (-1)		the presence of rare, threatened,	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 acre	es)
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88 a	cres)
		1 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		1 Standing dead >25cm (10in) dbh 0 Amphibian breeding pools	Microtopogi	raphy Cover Scale	_
			0	Absent	
			1	Present very small amounts or if mo of marginal quality	ore common
			2	Present in moderate amounts, but r quality or in small amounts of high	_
			3	Present in moderate or greater amo	ounts
				and of highest quality	

Site: W	OH-144		Rater(s): MAM		Date: 10/19/2017
0	0	Metric 1. Wetland A	rea (size).		
max 6 pts.	subtotal	Select one size class and assign scor >50 acres (>20.2ha) (6 pts) 25 to <50 acres (10.1 to <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)	0.2ha) (5 pts) na) (4 pts)) (3 pts) 2ha) (2pts)		
3	3	Metric 2. Upland bu	ffers and surround	ling land use.	
max 14 pts.	subtotal	MEDIUM. Buffers average NARROW. Buffers average VERY NARROW. Buffers average VERY NARROW. Buffers average VERY LOW. 2nd growth or LOW. Old field (>10 years) MODERATELY HIGH. Res	m (164ft) or more around wetland p 25m to <50m (82 to <164ft) around a 10m to <25m (32ft to <82ft) arou average <10m (<32ft) around wetla	perimeter (7) d wetland perimeter (4) and wetland perimeter (1) and perimeter (0) average. Idlife area, etc. (7) a forest. (5) servation tillage, new fallo	ow field. (3)
10	13	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 surfac Perennial surface water (lal 3c. Maximum water depth. Select on >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	ce water (3) se or stream) (5) ly one and assign score.	Part of wetland/u Part of riparian or Duration inundation/sate Semi- to permane Regularly inundation Seasonally inundation	in (1) lake and other human use (1) cland (e.g. forest), complex (1) cupland corridor (1) curation. Score one or dbl check ently inundated/saturated (4) ded/saturated (3)
		None or none apparent (12 Recovered (7) Recovering (3) Recent or no recovery (1)	Check all disturbances observed ditch tile dike weir	point source (non filling/grading road bed/RR trac dredging other	
10.5	23.5	Metric 4. Habitat Al	teration and Devel	opment.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score one None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) 4b. Habitat development. Select only Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)			
		4c. Habitat alteration. Score one or control None or none apparent (9)	louble check and average. Check all disturbances observed	1	
su last revised	23.5	Recovered (6) Recovering (3) Recent or no recovery (1)	mowing grazing clearcutting selective cutting woody debris removal toxic pollutants	shrub/sapling ren herbaceous/aqua sedimentation dredging farming nutrient enrichme	tic bed removal
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Site: W	OH-144	Rater(s): MAM	Date: 10/19/2017
su	23.5 btotal first pa	ge		
0	23.5	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	angered species (10) usage (10)
2	25.5	Metric 6. Plant communi	ties, int	erspersion, microtopography.
max 20 pts.	subtotal	I 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 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
		0 Mudflats		vegetation and is of moderate quality or comprises a small
		0 Open water		part and is of high quality
		0 Other	3	Present and comprises significant part, or more, of wetland's
		6b. horizontal (plan view) Interspersion.		vegetation and is of high quality
		Select only one.		
		High (5)	Narrative D	escription of Vegetation Quality
		Moderately high(4)	low	Low spp diversity and/or predominance of nonnative or
		Moderate (3)		disturbance tolerant native species
		Moderately low (2)	mod	Native spp are dominant component of the vegetation,
		✓ Low (1)		although nonnative and/or disturbance tolerant native spp
		None (0)		can also be present, and species diversity moderate to
		6c. Coverage of invasive plants. Refer		moderately high, but generally w/o presence of rare
		to Table 1 ORAM long form for list. Add		threatened or endangered spp
		or deduct points for coverage	high	A predominance of native species, with nonnative spp
		Extensive >75% cover (-5)		and/or disturbance tolerant native spp absent or virtually
		Moderate 25-75% cover (-3)		absent, and high spp diversity and often, but not always,
		Sparse 5-25% cover (-1)		the presence of rare, threatened, or endangered spp
		✓ Nearly absent <5% cover (0)		
		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
		o Standing dead >25cm (10in) dbh		
		Amphibian breeding pools		raphy Cover Scale
			0	Absent
			1	Present very small amounts or if more common
				of marginal quality
			2	Present in moderate amounts, but not of highest
				quality or in small amounts of highest quality
			3	Present in moderate or greater amounts
25.5				and of highest quality
25.5				

Site: WOH-200	Rater(s):	BRH & KGH	Date: April 8, 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)		
2 2	Metric 2. Upland buffers and	d surrounding land use	-
max 14 pts. subtotal	2a. Calculate average buffer width. Select only one a WIDE. Buffers average 50m (164ft) or more MEDIUM. Buffers average 25m to <50m (8 NARROW. Buffers average 10m to <25m VERY NARROW. Buffers average <10m (9 VERY NARROW. Buffers average <10m (10 VERY LOW. 2nd growth or older forest, proceed to the control of the control	e around wetland perimeter (7) 32 to <164ft) around wetland perimeter (4) (32ft to <82ft) around wetland perimeter (1) <32ft) around wetland perimeter (0) double check and average. airie, savannah, wildlife area, etc. (7) ung second growth forest. (5) pasture, park, conservation tillage, new fa	,
7 9	Metric 3. Hydrology.		
max 30 pts. subtotal	Recovered (7) Recovering (3) Recent or no recovery (1) ditch tile dike weir	Part of wetland. Part of riparian 3d. Duration inundation/s. gn score. Semi- to perma Regularly inunc ✓ Seasonally inun Seasonally satu	lain (1) n/lake and other human use (1) n/lake and other human use (1) n/lake and other human use (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)
8 17	Metric 4. Habitat Alteration		
max 20 pts. subtotal	4a. Substrate disturbance. Score one or double chee None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) 4b. Habitat development. Select only one and assign 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 an	turbances observed shrub/sapling re	emoval uatic bed removal
17 subtotal this pa	Recent or no recovery (1) Clearcu Selectiv Woody toxic po	tting sedimentation re cutting dredging debris removal farming	

7

Site: W	OH-200	Rater(s): BRH &	KGH	Date: April 8, 2017
su	17 btotal first pa	ge			
0	17	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-ue 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	angered species (10) usage (10) atting (-10)	
2	19	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 quality of the comprise of t	all part of wetland's uality, or comprises a
		0 Shrub 0 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	
		Other 6b. horizontal (plan view) Interspersion.	3	Present and comprises significant vegetation and is of high quality	
		Select only one.	Norrotivo D	accription of Vagatatian Quality	
		High (5) Moderately high(4) Moderate (3)	low	Escription of Vegetation Quality Low spp diversity and/or predoming disturbance tolerant native specific productions.	
		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	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	
		0 Vegetated hummucks/tussucks 0 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	acres)
		Standing dead >25cm (10in) dbh		Tright 4ria (3.00 acres) of more	
		Amphibian breeding pools	Microtopog	raphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if r of marginal quality	nore common
			2	Present in moderate amounts, bu quality or in small amounts of hi	ghest quality
10			3	Present in moderate or greater ar and of highest quality	nounts
19					

Site: W	OH-201	Rater	(s): BRH & KGH	Date: April 8, 2017
0	0	Metric 1. Wetland Area (s	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)	
5	5	Metric 2. Upland buffers	and surrounding land us	se.
max 14 pts.	subtotal	NARROW. Buffers average 10m to VERY NARROW. Buffers average 2b. Intensity of surrounding land use. Select of VERY LOW. 2nd growth or older fore LOW. Old field (>10 years), shrub lar MODERATELY HIGH. Residential, for the Narrow Name of the Narrow Name of the Narrow Name of the Narrow Name of the N	or more around wetland perimeter (7) 50m (82 to <164ft) around wetland perimeter <25m (32ft to <82ft) around wetland perimete 10m (<32ft) around wetland perimeter (0) one or double check and average. est, prairie, savannah, wildlife area, etc. (7)	(4) er (1)
8	13	Metric 3. Hydrology.		
max 30 pts.	subtotal		Part of wetland Part of riparity Part of wetland Part of	odplain (1) eam/lake and other human use (1) and/upland (e.g. forest), complex (1) ian or upland corridor (1) n/saturation. Score one or dbl check manently inundated/saturated (4) undated/saturated (3) inundated (2) saturated in upper 30cm (12in) (1)
		Recovering (3) Recent or no recovery (1) w st	e filling/gradin ke road bed/RF eir dredging ormwater input other	<u> </u>
4	17	Metric 4. Habitat Alteration	on and Development.	
max 20 pts.	subtotal	4a. Substrate disturbance. Score one or doubl None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) 4b. Habitat development. Select only one and 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 che	eck and average.	
[su	17	Recovered (6) Recovering (3) Recent or no recovery (1) Recovered (6) Recovering (3) Second to the s	owing shrub/saplin	aquatic bed removal
last revised	1 Februa	ary 2001 jjm		

Site: W	OH-201	Rater(s): BRH &	KGH	Date: April 8, 2017
su -10	17 btotal first pa	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 hydro ngs) (10) atened or enda owl habitat or Qualitative R	angered species (10) usage (10) ating (-10)	
-1	6	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	
		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.		7 3 7	
		High (5)	Narrative Do	escription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predomin	nance of nonnative or
		Moderate (3)	IOW	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	wo presence of fare
		or deduct points for coverage	high	A predominance of native species	with nonnative snn
		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)	-	and production of fairs, unloaderies	i, 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	
		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	nore common
			2	Present in moderate amounts, but quality or in small amounts of hi	_
			3	Present in moderate or greater an	
				and of highest quality	

Site: W	OH-202	Rater(s): BRH & KGH	Date: April 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)	
5	6	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	25	Metric 3. Hydrology.	
max 30 pts.	subtotal	✓ Precipitation (1) ✓ Part of wetland/ul ✓ Seasonal/Intermittent surface water (3) ✓ Part of riparian or Journation inundation/sate 3d. Duration inundation/sate Journation inundation/sate Semi- to permane Journation inundation/sate Regularly inundat Journation inundation/sate Semi- to permane Journation inundation/sate Regularly inundat Journation inundation/sate Semi- to permane Journation inundation/sate Regularly inundat Journation inundation/sate Semi- to permane Journation inundation/sate Regularly inundat Journation inundation/sate Regularly inundat Journation inundation/sate Regularly inundat Journation inundation/sate Regularly inundation Journation 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)
		Recent or no recovery (1) dike weir stormwater input road bed/RR trac dredging other	k
11	36	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) 4c. Habitat alteration. Score one or double check and average.	
1		None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1) Recent or no recovery (1) Recovering (3) Recent or no recovery (1)	
sı	36 obtotal this pa	woody debris removal toxic pollutants √ farming nutrient enrichme	nt

last revised 1 February 2001 jjm

Site: W	OH-202	Rate	er(s): BRH &	KGH	Date: April 10, 2017
su	36 btotal first pa	ge			
-10	26	Metric 5. Special Wetla	inds.		
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 Erie coastal/tributary wetland Lake Plain Sand Prairies (Oak Open Relict Wet Prairies (10) Known occurrence state/federal the Significant migratory songbird/wat Category 1 Wetland. See Question	d-unrestricted hydro d-restricted hydro penings) (10) nreatened or enda ter fowl habitat or on 1 Qualitative R	logy (5) angered species (10) usage (10) ating (-10)	
2	28	Metric 6. Plant commu 	·	•	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	Present and either comprises sma	
		0 Emergent		vegetation and is of moderate q	
		0 Shrub		significant part but is of low qual	
		Forest	2	Present and either comprises sign	
		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.			
		High (5)	Narrative D	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)	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)		the presence of fare, threatened	i, or chaangerea 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 acres)	ree
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	
				High 4ha (9.88 acres) or more	acres)
		O Coarse woody debris >15cm (6in)		High 4na (9.00 acres) of more	
		0 Standing dead >25cm (10in) dbh 0 Amphibian breeding pools	Microtonos	ranhy Cover Scale	
		Amphibian breeding pools		raphy Cover Scale Absent	
			0		nore common
			1	Present very small amounts or if r	nore common
				of marginal quality	t not of high
			2	Present in moderate amounts, but	
				quality or in small amounts of hi	
	ı		3	Present in moderate or greater an	nounts
				and of highest quality	

Site: WOH-203		Rater(s): BRH & KGH	Date: April 10, 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)	
1 1	Metric 2. Upland bเ	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 (1) average <10m (<32ft) around wetland perimeter (0) to 35m (32ft) around wetland perimeter (1) average. For older forest, prairie, savannah, wildlife area, etc. (7) (3), shrub land, young second growth forest. (5) sidential, fenced pasture, park, conservation tillage, new fall pen pasture, row cropping, mining, construction. (1)	
8 9	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 surfac 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 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) lic 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)
	rtecent of the receivery (1)	weir dredging other other	
7 16	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 None or none apparent (9)		
16 subtotal this pa	Recovered (6) Recovering (3) Recent or no recovery (1)	mowing shrub/sapling re	atic bed removal

Site: W	OH-203	Rater(s): BRH&I	KGH	Date: April 10, 2017
sul	16 btotal first pa		-		
0	16	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)	
1	17	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	nart or more of wotland's
		6b. horizontal (plan view) Interspersion.	3	vegetation and is of high quality	part, or more, or wettand's
		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 predomir	nance of nonnative or
		Moderate (3)		disturbance tolerant native spec	ies
		Moderately low (2)	mod	Native spp are dominant compone	ent of the vegetation,
		Low (1)		although nonnative and/or distu	rbance 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	
		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	
		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 Mmphibian breeding pools	Microtopoa	raphy Cover Scale	
		. 3,7	0	Absent	
			1	Present very small amounts or if n of marginal quality	nore common
			2	Present in moderate amounts, but quality or in small amounts of high	_
			3	Present in moderate or greater an	
			Ž.	and of highest quality	

Site: WOH-204		Rater(s): BRH & KGH	Date: April 11, 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 < 0.1 acres (0.04ha) (0 pts)) 20.2ha) (5 pts) Iha) (4 pts) a) (3 pts) .2ha) (2pts) <0.12ha) (1 pt)	
1 3	Metric 2. Upland bu	iffers and surrounding land use.	ı
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. 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) to 35m (32ft) around wetland perimeter (1) average <10m (3	
21 24	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. l) (2) lice 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) // turation. Score one or dbl check // tently inundated/saturated (4) // ated/saturated (3) // dated (2) // rated in upper 30cm (12in) (1) // instormwater)
	Recent of no recovery (1)	weir dredging other other	
9 33	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		
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 enrichment	atic bed removal

Site: WOH-204	Rater(s): BRH &	KGH	Date: April 11, 2017
33]			
subtotal first p	orge.			
-10 23	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-ui			
	Lake Erie coastal/tributary wetland-re Lake Plain Sand Prairies (Oak Openi		logy (5)	
	Relict Wet Prairies (10)	iligs) (10)		
	Known occurrence state/federal threa	atened or enda	angered species (10)	
	Significant migratory songbird/water t			
	✓ Category 1 Wetland. See Question 1		• · · /	
0 23	Metric 6. Plant communi	ties, int	erspersion, microto	pograpny.
max 20 pts. subtotal] 6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
man zo pro.	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	all part of wetland's
	1 Emergent		vegetation and is of moderate q	•
	Shrub Forest	2	significant part but is of low qua Present and either comprises sign	
	Mudflats	_	vegetation and is of moderate q	
	Open water		part and is of high quality	
	Other	3	Present and comprises significant	
	6b. horizontal (plan view) Interspersion. Select only one.		vegetation and is of high quality	
	High (5)	Narrative D	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	v/o presence of rare
	to Table 1 ORAM long form for list. Add or deduct points for coverage	high	threatened or endangered spp A predominance of native species	with nonnative spn
	Extensive >75% cover (-5)	riigir	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	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	
	Vegetated hummucks/tussucks	3	Moderate 1 to <4ha (2.47 to 9.88 High 4ha (9.88 acres) or more	acres)
	Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh		Flight 4ria (9.00 acres) of fliore	
	1 Amphibian breeding pools	Microtopog	raphy Cover Scale	
		0	Absent	
		1	Present very small amounts or if r of marginal quality	nore common
		2	Present in moderate amounts, bu quality or in small amounts of hi	•
		3	Present in moderate or greater ar	
22			and of highest quality	
23				

Site: W	OH-205		Rater(s): BRH & KGH	Date: April 11, 2017
1	1	Metric 1. Wetland A	Area (size).	
max 6 pts.	subtotal	Select one size class and assign sco	.) 20.2ha) (5 pts) 1ha) (4 pts) a) (3 pts) .2ha) (2pts) <0.12ha) (1 pt)	
3	4	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. 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 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 (support of 35m) around wetland perimeter (1) to 35m (32ft) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (support of 35m) around wetland perimeter (1) average <10m (supp	
14	18	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) V. 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 V. Recovered (7) Recovering (3) Recent or no recovery (1)	ace water (3) Between stream/ Part of wetland/u Part of riparian o Rece water (3) Regularly inundation/sate	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)
9	27	Metric 4. Habitat Al	stormwater input other 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)	ne or double check and average.	
Ī		Poor (1) 4c. Habitat alteration. Score one or None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)		
su	27	ge	woody debris removal toxic pollutants draging farming nutrient enrichment	ent
last revised	1 Februa	ry 2001 jjm		

Site: W	OH-205	Rater(s): BRH &	KGH	Date: April 11, 2017
sul	27 btotal first pa	i			
-10	17	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 1 Qualitative R	logy (5) angered species (10) usage (10) lating (-10)	
-1	16	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 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 quality	nificant part of wetland's
		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) 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 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)	Mudfleten	L On an Water Class Ovality	
		Absent (1) 6d. Microtopography.	Mudflat and	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 acres)	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	Microtopog	raphy 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
16			3	Present in moderate or greater an and of highest quality	nounts
16					

Site: WOH-206	i	Rater(s): BRH & KGH	Date: April 11, 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 <10.4 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 cres (0.04ha) (0 pts)	.) 20.2ha) (5 pts) 1ha) (4 pts) a) (3 pts) .2ha) (2pts) <0.12ha) (1 pt)	
8 8	Metric 2. Upland bu	ıffers and surrounding land use.	ı
max 14 pts. subtotal	WIDE. Buffers average 50 WEDIUM. 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. 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 fallipen pasture, row cropping, mining, construction. (1)	
16 24	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 riparian of part of riparian of part of riparian	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 trace dredging stormwater input other	ж
8 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 on Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2)	·	
	4c. Habitat alteration. Score one or None or none apparent (9)		
32 subtotal this plast revised 1 Febru	Recovered (6) Recovering (3) Recent or no recovery (1)	mowing shrub/sapling rer herbaceous/aqua sedimentation dredging woody debris removal toxic pollutants shrub/sapling rer herbaceous/aqua sedimentation dredging dredging nutrient enrichmatical dredging selective cutting dredging farming nutrient enrichmatical dredging selective cutting dredging herbaceous/aqua sedimentation dredging dredging herbaceous/aqua sedimentation dredging dredging herbaceous/aqua sedimentation dredging dredging herbaceous/aqua sedimentation dredging dredging dredging herbaceous/aqua sedimentation dredging	atic bed removal

Site: W	OH-206	R	ater(s): BRH & F	KGH	Date: April 11, 2017
Oitoi			acor (o)1 or ar ar		Dato 17 (p.m. 11), 2011
	20				
	32				
su	btotal first pa	age			
-10	22	Metric 5. Special We	tlands.		
max 10 pts.	subtotal	Che <u>ck all</u> 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	•	ogy (5)	
		Lake Plain Sand Prairies (Oa Relict Wet Prairies (10)	k Openings) (10)		
		Known occurrence state/fede	ral threatened or enda	ngered species (10)	
		Significant migratory songbire			
		✓ Category 1 Wetland. See Qu			
-3	19	Metric 6. Plant comr	nunities, inte	erspersion, microto	pography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.		Community Cover Scale	174
		Score all present using 0 to 3 scale. Aquatic bed	0	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	lity
		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.	Nametica Da	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 was	•
		to Table 1 ORAM long form for list. Ad-		threatened or endangered spp	we presence of fale
		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)		and presented of fare, unediction	z, or criadingered app
		Absent (1)	Mudflat and	Open Water Class Quality	
		6d. Microtopography.	0	Absent <0.1ha (0.247 acres)	
		Score all present using 0 to 3 scale. Vegetated hummucks/tussuo	ks <u>1</u>	Low 0.1 to <1ha (0.247 to 2.47 ac Moderate 1 to <4ha (2.47 to 9.88	
		Coarse woody debris >15cm		High 4ha (9.88 acres) or more	adics)
		Standing dead >25cm (10in)	` '	, ,	
		Amphibian breeding pools		raphy Cover Scale	
			0	Absent Present very small amounts or if r	more common
			ı	of marginal quality	HOLE COHIHIOH
			2	Present in moderate amounts, bu	t not of highest
				quality or in small amounts of hi	
1	Ī		3	Present in moderate or greater ar	nounts
4.0				and of highest quality	

Site: wol	h-207	Rater(s): BRH & KGH	Date: April 11, 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)	
14	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. VIDE. 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)
12	26	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/sate 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	in (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) ated (2) ated in upper 30cm (12in) (1)
13	39	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 (3) Recent or no recovery (1) Recovering (3) Recovering (3) Recovering (3) Recovering (3) Recovering (3) Recovering (4) Recovering (5) Recovering (6) Recovering (7) Recovering (7) Recovering (8) Recovering (9)	
	39 total this pa	selective cutting dredging woody debris removal farming toxic pollutants nutrient enrichme	ent
last revised 1	i i ening	y 200 i jjili	

Site: wo	h-207	Rater(s): BRH &	KGH Date: April 11, 20	17
		1			
	39				
su	btotal first pa	」 age			
0	39	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 Openi		(C)	
		Relict Wet Prairies (10)			
		Known occurrence state/federal threa		9 , ,	
		Significant migratory songbird/water Category 1 Wetland. See Question		- · ·	
		7		erspersion, microtopography.	
0	39		tics, iiit	cispersion, interotopography.	
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 a	rea
		Aquatic bed	1	Present and either comprises small part of wetland's	
		0 Emergent Shrub		vegetation and is of moderate quality, or comprises a significant part but is of low quality	
		0 Forest	2	Present and either comprises significant part of wetland's	3
		Mudflats		vegetation and is of moderate quality or comprises a sr	mall
		Open water Other	3	part and is of high quality Present and comprises significant part, or more, of wetlan	nd'e
		6b. horizontal (plan view) Interspersion.	3	vegetation and is of high quality	iiu s
		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 s	
		None (0)		can also be present, and species diversity moderate to	1
		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 virtuall	
		Moderate 25-75% cover (-3) ✓ Sparse 5-25% cover (-1)		absent, and high spp diversity and often, but not always the presence of rare, threatened, or endangered spp	s,
		Nearly absent <5% cover (0)		the presence of rare, threatened, or chalangered app	
		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. Vegetated hummucks/tussucks	1	Low 0.1 to <1ha (0.247 to 2.47 acres) Moderate 1 to <4ha (2.47 to 9.88 acres)	
		0 Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		Standing dead >25cm (10in) dbh			
		Amphibian breeding pools		raphy Cover Scale	
			<u>0</u>	Absent 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-208		Rater(s): BRH & KGH	Date: April 11, 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 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 (1) average <10m (<32ft) around wetland perimeter (0) to 35m (32ft) around wetland perimeter (1) average <10m (substituting the second control of 35m (1) select one or double check and average. On the second growth forest. (5) as sidential, fenced pasture, park, conservation tillage, new fall pen pasture, row cropping, mining, construction. (1)	
15 26	Metric 3. Hydrology		
max 30 pts. subtotal	✓ None or none apparent (12 Recovered (7) Recovering (3)	100 year floodpla Between stream.	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)
	Recent or no recovery (1)	dike road bed/RR trace weir dredging stormwater input other	
17 43	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		
43 subtotal this pa	•	mowing shrub/sapling rei	atic bed removal

Site: WOH-208	Rater(s	s): BRH &	KGH	Date: April 11, 2017
43 subtotal first page 10 53	etric 5. Special Wetland	ds.		
	Bog (10) Fen (10) ✓ Old growth forest (10) Mature forested wetland (5) 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 forested wetland. See Question 1	stricted hydro ngs) (10) Itened or enda lowl habitat or Qualitative R	logy (5) angered species (10) usage (10) ating (-10)	
2 55 Me	etric 6. Plant communi	ties, int	erspersion, microto	pography.
max 20 pts. subtotal 6a.	Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
Scor	e all present using 0 to 3 scale. Aquatic bed Emergent	0	Absent or comprises <0.1ha (0.24 Present and either comprises small vegetation and is of moderate quantum comprises.	all part of wetland's uality, or comprises a
	Shrub 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
6b. l	Otherhorizontal (plan view) Interspersion.	3	Present and comprises significant vegetation and is of high quality	
	ct 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	cies
60.0	Moderately low (2) Low (1) None (0) 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 well as the component of t	rbance tolerant native spp es diversity moderate to
	able 1 ORAM long form for list. Add		threatened or endangered spp	my processes or raise
or de [educt 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 at the presence of rare, threatened	ve spp absent or virtually and often, but not always,
	Nearly absent <5% cover (0)			
	✓ Absent (1)		Open Water Class Quality	
	Microtopography.	0	Absent <0.1ha (0.247 acres)	
Scor	e all present using 0 to 3 scale. Vegetated hummucks/tussucks	1 2	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)
	Standing dead >25cm (10in) dbh		Trigit 4tta (3.00 acres) of thore	
ŀ	Amphibian breeding pools	Microtopoa	raphy Cover Scale	
L		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	_
55		3	Present in moderate or greater ar and of highest quality	nounts

Site: WO	H-209		Rater(s): BRH & KGH	Date: April 11, 2017
0	0	Metric 1. Wetland A	area (size).	
	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.	ı
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 35m (32ft) around wetland perimeter (1) average <10m (32ft) around wetland perimeter (1) to 35m (32ft) around wetland perimeter (1) average <10m (32ft) around wetland perimeter (1) average <10m (32ft) around wetland perimeter (1) select one or double check and average. In select one or double check and average are select (1) average (1) select one or double check and average. In select one or double check and average are selected (1) selected (1) average (1) avera	
15	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 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) Recovering (3) Recent or no recovery (1)	100 year floodpla Between stream.	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	
17	43	Metric 4. Habitat Al	teration and Development.	
max 20 pts.	subtotal	 4a. Substrate disturbance. Score or Value 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) Value Moderately good (4) Fair (3) Poor to fair (2) Poor (1) 		
		4c. Habitat alteration. Score one or		
subto	43 otal this pa		mowing shrub/sapling rei herbaceous/aqui selective cutting selective cutting woody debris removal toxic pollutants shrub/sapling rei herbaceous/aqui sedimentation dredging dredging nutrient enrichments	atic bed removal

## Wetric 5. Special Wetlands. Metric 5. Special Wetlands.	Site: W	OH-209	Ra	ter(s): BRH &	KGH	Date: April 11, 2017
Bog (10) Bog (10)		btotal first pa	1	ands.		
Lake Eria coastal/tributary wetland-restricted hydrology (5) Relict Wet Prairies (10) Relict Met Prairies (10) Relict Wet Prairies (10) Relict Met	max 10 pts.	subtotal	Bog (10) Fen (10) ✓ Old growth forest (10) Mature forested wetland (5)			
Vegetation Community Cover Scale Score all present using 0 to 3 scale, Aquatic bed Emergent Shrub Open water Other Other High (5) Moderately low (2) Low (1) None (0) None (0) Roderately low (2) Sparse 5-25% cover (-1) Nearly Moderate 25-75% cover (-5) Roderately 10 Absent (1) Nearly Absent (1) Roderately high, but generally who presence of rare threatened or endangered spp Nearly Absent (1) Roderately high populary (1) Roderately high populary (2) Absent (1) Roderately 10 (2) Roderately 10 (3) Roderately 10 (4) R			Lake Erie coastal/tributary wetla Lake Plain Sand Prairies (Oak C Relict Wet Prairies (10) Known occurrence state/federal Significant migratory songbird/w	nd-restricted hydro Openings) (10) threatened or enda ater fowl habitat or	angered species (10) usage (10)	
Score all present using 0 to 3 scale. Aquatic bed Emergent Shrub Forest Mudflats Open water Other Other High (5) Moderately high(4) Moderately how (2) Low (1) None (0) 6c. Coverage of invasive plants. Refer to Table 1 Ozekate point (2) Extensive >75% cover (-5) Moderate 2-57% cover (-5) Moderate 2-57% cover (-1) Nearly absent <5% cover (0) Absent or comprises \$0.1ha (0.247 acres) Nero Word 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 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 either comprises small part and either comprises small 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 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 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 as significant part of wetland's vegetation and is of moderate paulity or comprises a significant part but is of low quality. Present and either comprises as significant part of wetland's vegetation and is of high quality or comprises a significant part but is of low quality. Present and either comprises as significant part of wetland's vegetation and is of notherate quality or comprises a small part and is present and either comprises as significant part of wetland's ve	2	55	Metric 6. Plant commu	unities, int	erspersion, microt	opography.
Aquatic bed Emergent Emergent Shrub Forest Open water O	max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation	Community Cover Scale	
Emergent Shrub Shrub Shrub Present and either comprises a significant part but is of low quality Present and either comprises 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 moderate quality or comprises a small part and is of moderate quality or comprises a small part and is of moderate quality or comprises a small part and is of moderate quality or comprises a small part and is of moderate quality or comprises a small part 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 2 Present and either comprises significant part of wetland's vegetation and is of moderate quality or comprises a significant part but is of low quality 2 Present and either comprises significant part of wetland's vegetation and is of moderate quality or comprises a significant part but is of low quality or comprises a significant part but is of low quality or comprises as small part and is of moderate quality or comprises as significant part but is of low quality or comprises as significant part but is of low quality or some as the present and is of moderate quality or comprises significant part but is of low quality or moderate quality or comprises as significant part but is of low quality or moderate quality or moderate quality or moderate quality or moderate and is of moderate quality or moderate and is of moderate quality or moderate quality or moderate and is of moderate quality or moderate quality or moderate and comprises significant part of wetland's vegetation and is of moderate quality or moderate quality or moderate quality or moderate quality or moderate and comprises significant part of wetland's vegetation and is of moderate quality or moderate and of moderate quality or moderate quality or moderate and comprises significant part of wetland's vegetation and is of moderate			i			
Shrub Significant part but is of low quality				1		
O Forest Mudflats Open water Other			Emergent		_	
Mudflats			Shrub			
Open water Other O			0 Forest	2	Present and either comprises sig	nificant part of wetland's
6b. horizontal (plan view) Interspersion. 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 (-3) Sparse 5-25% cover (-1) Nearly absent (5) Score all present using 0 to 3 scale. Vegetated hummucks/tussucks o Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh a Amphibian breeding pools Present and comprises significant part, or more, of wetland's vegetation and is of high quality Narrative Description of Vegetation Quality 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 high A predominance of native species, with nonnative spp and/or disturbance tolerant native spp and/or disturbance tolera			Mudflats		vegetation and is of moderate	quality or comprises a small
Select only one.			Open water		part and is of high quality	
Select only one.			Other	3	Present and comprises significar	nt part, or more, of wetland's
Select only one. High (5)			6b. horizontal (plan view) Interspersion.		-	
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) Nearly absent 45% cover (0) Absent (1) 6d. Microtopography. Score all present using 0 to 3 scale. Vegetated hummucks/tusucks 0 Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh 0 Amphibian breeding pools Moderately high(4) 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 Appendix and Open Water Class Quality Mudflat and Open Water Class Quality Mudflat and Open Water Class Quality Absent (0.11ha (0.247 to 2.47 acres) Low 0.1 to <1ha (0.247 to 2.47 acres) Moderate 1 to <4ha (2.47 to 9.88 acres) Migh 4ha (9.88 acres) or more 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			, ,		7 3 7	-
Moderately high(4) Moderate (3) 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 humnucks/tussucks Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools Moderate y bigh (4) Moderate y bigh (10 company) Application of marginal quality Nearly absent <5% cover (0) Absent (1) Application of marginal quality Mudflat and Open Water Class Quality Microtopography Cover Scale Microtopography Cover Scale Application of marginal quality Present very small amounts or if more common of marginal quality Present in moderate or greater amounts				Narrative D	escription of Vegetation Quality	
Moderate (3) Moderately low (2) Low (1) About 10 Mone (0)			──			inance of nonnative or
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 25-75% cover (-10) Rearly absent <5% cover (-10) Amphibian breeding pools Mudflat and Open Water Class Quality Mudflat and Open Water Class Quality Mudflat and Open Water Class Quality Absent <0.1 to <1ha (0.247 to 2.47 acres) Microtopography Cover Scale 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				1011		
Low (1)				mod	·	
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) Microtopography. Score all present using 0 to 3 scale. Vegetated hummucks/tussucks 0 Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh 0 Amphibian breeding pools Microtopography Cover Scale Microtopography Cover Scale Present in moderate amounts, but not of highest quality 3 Present in moderate or greater amounts			 1	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) 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 O 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 O Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools Microtopography Cover Scale Versent 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) 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 O Amphibian breeding pools Microtopography Cover Scale O Absent Present very small amounts or if more common of marginal quality 2 Present in moderate amounts, but not of highest quality 1 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 Coarse woody debris >15cm (6in) Standing dead >25cm (10in) dbh Amphibian breeding pools Microtopography Cover Scale Description 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			•			
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 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 Resent in moderate or greater amounts				nign		• • • • • • • • • • • • • • • • • • • •
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 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 Response 5-25% cover (-1) Mudflat and Open Water Class Quality 0 Absent < 0.247 acres) Low 0.1 to <1ha (0.247 to 2.47 acres) 1 Low 0.1 to <4ha (2.47 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 or in small amounts of highest quality 3 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 Description of marginal quality 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 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 3 Present in moderate or greater amounts			· ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `		the presence of rare, threatene	ed, or endangered spp
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 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 Response of the common of more amounts 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 Reserved to 4.47 to 2.47 to 2.47 acres) Moderate 1 to <4ha (2.247 to 9.88 acres) Microtopography Cover Scale Description of marginal 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		
Vegetated hummucks/tussucks 2 Moderate 1 to <4ha (2.47 to 9.88 acres)					,	
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					· ·	
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					`	8 acres)
Amphibian breeding pools Microtopography Cover Scale			O Coarse woody debris >15cm (6i	n) <u> </u>	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			` ` '		graphy 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				0	Absent	
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		_
				_	quality or in small amounts of h	nighest quality
				3	Present in moderate or greater a	mounts

Site: WOH-210	Rater(s): BRH & KGH	Date: April 12, 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)	
1 3	Metric 2. Upland buffers and surrounding land use.	
max 14 pts. subtotal	2a. Calculate average buffer width. Select only one and assign score. Do not double check. WIDE. Buffers average 50m (164ft) or more around wetland perimeter (7) MEDIUM. Buffers average 25m to <50m (82 to <164ft) around wetland perimeter (4) NARROW. Buffers average 10m to <25m (32ft to <82ft) around wetland perimeter (1) 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)
19 22	Metric 3. Hydrology.	
max 30 pts. subtotal	 ✓ Precipitation (1) ✓ Seasonal/Intermittent surface water (3) ✓ Perennial surface water (lake or stream) (5) 3d. Duration inundation/sate of semilar to permane the permanent of semilar to perma	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)
11 33	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.	
33 subtotal this pa		tic bed removal

Site: WO	OH-210	Rater	(s): BRH &	KGH	Date: April 12, 2017
	33 btotal first pa	│ │ │Metric 5. Special Wetlan	ds		
-10	23	Decide Vendin	uo.		
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-u 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	22	Metric 6. Plant communi	ities, int	erspersion, microto	opography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	<u>Vegetatio</u> n	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	
		Shrub	2	significant part but is of low qua	
		Forest Mudflats	2	Present and either comprises sig	
		├		vegetation and is of moderate	quality of comprises a small
		Open water Other	3	part and is of high quality Present and comprises significar	nt part, or more, of wetland's
		6b. horizontal (plan view) Interspersion.	3	vegetation and is of high qualit	
		Select only one.		vegetation and is of high qualit	<u>y</u>
		High (5)	Narrative D	escription of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predom	inance of nonnative or
		Moderate (3)	1011	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	s, with nonnative spp
		✓ 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)		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	
		Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.8	3 acres)
		Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more	
		Standing dead >25cm (10in) dbh 2 Amphibian breeding pools	Microtopoo	raphy Cover Scale	
		2 Amphibian breeding pools	0	Absent	
			1	Present very small amounts or if of marginal quality	more common
			2	Present in moderate amounts, but quality or in small amounts of h	•
			3	Present in moderate or greater a	
			v	and of highest quality	
00					

Site: W	OH-211		Rater(s): BRH & KGH	Date: April 12, 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) 50.12ha) (1 pt)	
2	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 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) average <10m (32ft) average <10m (32ft	
18	23	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) Recovering (3) Recent or no recovery (1)	100 year floodpla V Between stream/ Part of wetland/u Part of riparian o Regularly inundation/sat Seasonally inundation Seasonally satur Check all disturbances observed V ditch	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)
11	34	Metric 4. Habitat Al	stormwater input otherlteration 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) Recovered (6) Recovering (3) Recent or no recovery (1)	Check all disturbances observed mowing shrub/sapling rer practice grazing herbaceous/aqua sedimentation	
L su	34 btotal this pa	ge	selective cutting dredging farming toxic pollutants nutrient enrichments	ent
last revised	1 Februa	y 2001 jjm		

Site: WO	OH-211	Rater(s): BRH & k	(GH	Date: April 12, 2017
	34 btotal first pa		,		·
-10	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 Openi Relict Wet Prairies (10) Known occurrence state/federal threa Significant migratory songbird/water 1 Category 1 Wetland. See Question 1	estricted hydrolo ngs) (10) atened or endalo fowl habitat or u l Qualitative Ra	ngered species (10) usage (10) ating (-10)	
4	28	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	ıll part of wetland's
		2 Emergent		vegetation and is of moderate qu	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
		1 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 metallia
		Select only one.		vegetation and is of high quality	
		High (5)	Narrativo Do	escription of Vegetation Quality	
					anno of nonnotive or
		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	
		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)			
		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		Triigir ina (elee deree) er mere	
		2 Amphibian breeding pools	Microtopogr	raphy Cover Scale	
			0	Absent	
			1	Present very small amounts or if n	nore common
			1	of marginal quality	IIOI & COITIIIIOIT
			2	Present in moderate amounts, but	not of highest
			۷		•
				quality or in small amounts of high	
			3	Present in moderate or greater an	iounts
20				and of highest quality	

Site: WOH-212	Rater(s): BRH & KGH	Date: April 12, 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)	
1 4	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)
12 16	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. ✓ Semi- to permane variable. ✓ Regularly inundation/sati	in (1) lake and other human use (1) pland (e.g. forest), complex (1) pland corridor (1) uration. Score one or dbl check ently inundated/saturated (4) led/saturated (3) ated (2) ated in upper 30cm (12in) (1) stormwater)
8 24	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) Very one double check and average.	
	4c. Habitat alteration. Score one or double check and average.	
24 subtotal this pa		tic bed removal

Site: WOH-212		Rater(s): BRH & KGH		Date: April 12, 2017			
	24 btotal first pa		- ,-				
-10	14	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-unrestricted hydrology (10) Lake Erie coastal/tributary wetland-restricted hydrology (5) Lake Plain Sand Prairies (Oak Openings) (10) Relict Wet Prairies (10) Known occurrence state/federal threatened or endangered species (10) Significant migratory songbird/water fowl habitat or usage (10) Category 1 Wetland. See Question 1 Qualitative Rating (-10)					
-3	11	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	ıll part of wetland's		
		2 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 metallia		
		Select only one.		vegetation and is of high quality			
		High (5)	Narrative Description of Vegetation Quality				
					anno of nonnotive or		
		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			
		✓ 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)					
		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	<u> </u>		
		Standing dead >25cm (10in) dbh		, ,			
		Amphibian breeding pools	Microtopoar	aphy Cover Scale			
			0	Absent			
			1	Present very small amounts or if n	nore common		
			1	of marginal quality	nore common		
					not of highest		
			2	Present in moderate amounts, but	•		
				quality or in small amounts of high			
	I		3	Present in moderate or greater an	iounts		
				and of highest quality			

Site: WOH-213		Rater(s): BRH & KGH	Date: April 12, 2017			
1 1	Metric 1. Wetland A	Area (size).				
max 6 pts. subtotal	Select one size class and assign sco	.) 20.2ha) (5 pts) 1ha) (4 pts) a) (3 pts) .2ha) (2pts) <0.12ha) (1 pt)				
1 2	Metric 2. Upland bu	Metric 2. Upland buffers and surrounding land use.				
max 14 pts. subtotal	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 field. (3) HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)					
12 14	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) 3e. Modifications to natural hydrolog None or none apparent (12) Recovered (7) Recovering (3) Recent or no recovery (1)	ace water (3) Between stream Part of wetland Part of riparian	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)			
7 21	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)					
		Habitat alteration. Score one or double check and average.				
21 subtotal this pa	Recovered (6) Recovering (3) Recent or no recovery (1)	mowing shrub/sapling r	uatic bed removal			

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Summary: Application Exhibit J Part 30 of 33 electronically filed by Teresa Orahood on behalf of Dylan F. Borchers