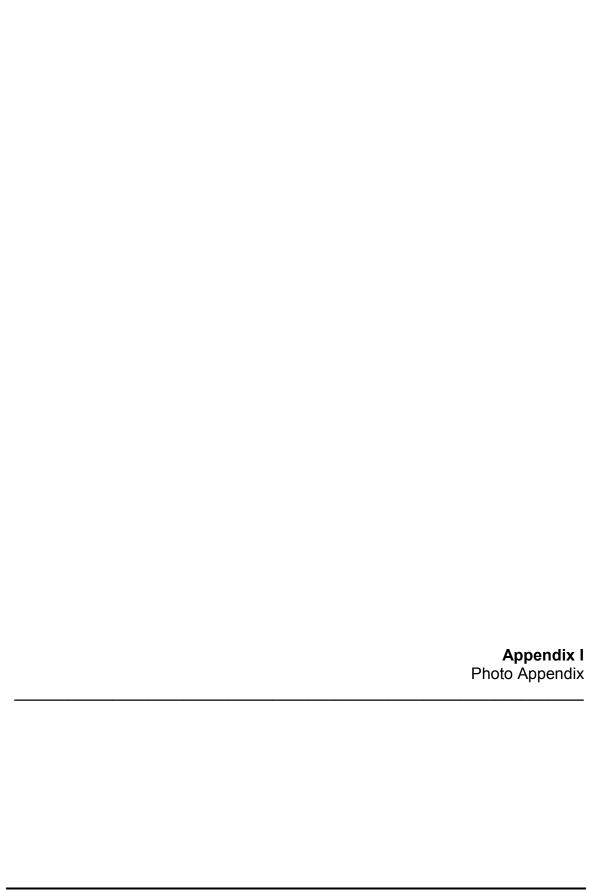
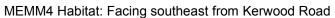
9.0 References

- Natural Resource Solutions Inc. (NRSI). 2013. Parkhill Interconnect Natural Heritage Assessment Report. February 2013.
- Ontario Ministry of Natural Resources (OMNR). 2012. Significant Wildlife Habitat Ecoregion 7E Criterion Schedule. Addendum to Significant Wildlife Habitat Technical Guide. February 2012.
- Ontario Ministry of Natural Resources (OMNR). 2011. Natural Heritage Assessment Guide for Renewable Energy Projects.
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Appendix I: Photo Appendix

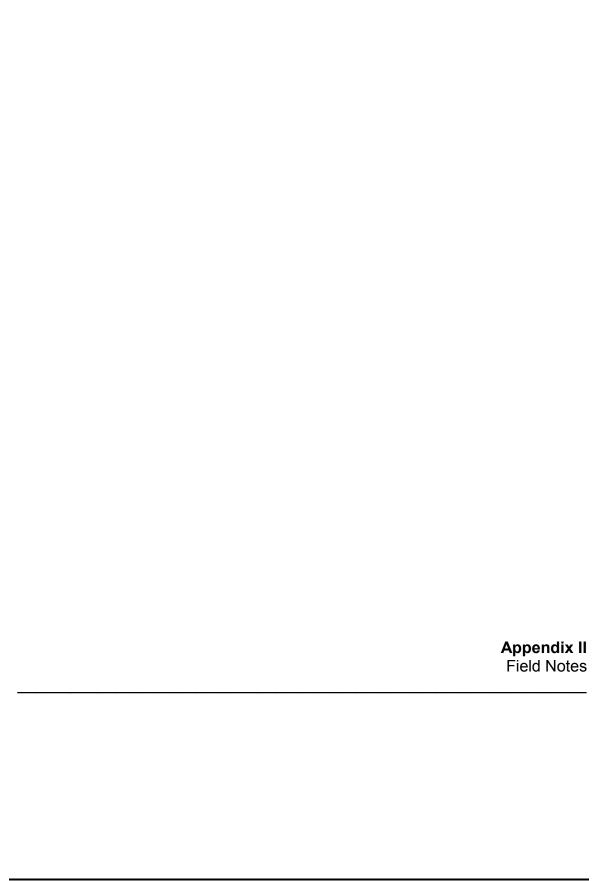








MEMM4 Habitat: Facing northeast from Kerwood Road



Wildlife Observation Form
NATURAL RESOURCE SOLUTIONS INC

	5	-	-
Page	_	of,	6

MAI DIVAL ILLOCOTIOL COLO	Hono mo.	
Site: Roynish IIIF 123	1/1230 Adelaude, W00-048	
Polygon: WODODU		
UTM: 17 T 442379	4775637	Ξ
Date: 25/08/11	Time: 9. 20	=

Surveyor(s): JRW KNY

TY	es Observed Species	EV	Notes	#	TY	y be associated Species	EV	Notes	#
В	Marring Dove	VD	110100	2.		Орослос	1-1	110100	1
H	Mouse 50	ÓĞ		177	1000				
В	Goldanch	VO		2					
L	Primer Fly So	30		1	17.2				-
2	Fm. Robin	OB							
6	Growl catbled	40			Star In				
1	Paicinciae white	OB		t I	0.1217				
M	Deer'	TK		1-1-					
H	aleen From	MO			17-21				
H	Gaurial 0	70	も近り	1					
6	= Woodnewee	VO							
B	Codar Mondyina	285		3	1000				
6	ski tampedchica	Vo		1.1			-		
							1		
- 1	A				17				
					1 11 11				-
		E)							
									1
	A		-						
-							3 20		
		. =1		1					

Faunal	Type	Codes	(TV)

B=Bird M=Mammal H=Herpetofauna L=Lepidoptera F=Fish D=Dragonfly or Damselfly

Evidence Codes (EV)

Breeding Birds

SH- Suitable Habitat SM- Singing Male

T- Territory

A- Anxienty Behavior

D- Courtship Display N- Nest Building

P- Pair

V- Visiting Nest DD- Distraction Display

NE- Nest with Eggs AE-Adult entering nest

NU- Used nest

FY- Fledged Young FS- Food/Fecal Sac

Other Wildlife

OB- Observed

DP- Distinctive Parts

TK- Tracks

VO- Vocalization

HO- House/Den

FE- Feeding Evidence

CA- Carcass/Bones

FY- Eggs or young

SC- Scat

SI- Other Signs (Specify)

Wildlife Habitat Form NATURAL RESOURCE SOLUTIONS INC.

		_
Page 6	of	<u>~</u>

Site: 1231 R	ornish /1230 A	Idelaide, WOD-048
Polygon: WOD	004	
UTM: 17 T 44	12379 477563	7
Date: 05/08/	11	Time: 9:20
Surveyor(s): TV L	D. KNY	
Weather: 5 LAY	2000 6 6	- 609A. WIND 4
	14	
Wildlife Habitat (Ch	eck all that apply AND record	d UTM / mark on map)
•	Features are independent of wildlif	• ,
Habitat Type	Habitat Features	o obcorrancia
✓Deciduous Forest		Snakes
Mixed Forest	Spring Flooded Field	Burrow
Coniferous Forest		Fallen Rotting Log
Marsh	Snag (Raptors, Herons)	Old Well
Swamp	Tree Cavity Nest (Ducks)	Rock Pile/Stone Wall
Bog	Seep/Spring (Turkeys/Grouse)	Organics Pile
Fen	Cliffs/Banks	Log Pile
Water	Bats	Log File Karst
(Shallow & Open)	Cave Entrance	Broken/Fissured Rock
Meadow & Open)	Mine\Shaft	Old Foundation
Tallgrass Prairie	Snag (>20cm DBH)	Old Bridge/Concrete Culvert
Taligrass Frame Thicket	Sriag (>20cm DBH)	Old Bridge/Concrete Culvert
Inicket Savannah	BBink/Otton/Finhon/BBonton	Anabilian and Toda
Savannan Woodland	Mink/Otter/Fisher/Marten	Amphibians and Turtles
	Snag	Vernal Pool/Woodland Pond (Amphibian Breeding)
✓ Valley	Burrow	Sand (Turtle Nesting)
(Describe Below)	Den	Fine/Sandy Gravel (Turtle Nesting)
Headwater Area	Tree Cavity	
(check for Seeps/Springs)	Fallen Log	Invertebrates
Valley W		Crayfish Chimney
cicerianning	Deer/Moose	
	Seep/Spring	
through noncono.	Seep/Spring Mineral Lick	
regron sucuro.	Mineral Lick	M below (for each occurrence) or mark on map
Por every Habitat Typ	Mineral Lick e or Habitat Feature, record UTI UTM	Description
Por every Habitat Typ	Mineral Lick e or Habitat Feature, record UTI UTM	
For every Habitat Typ Habitat Feature:	Mineral Lick e or Habitat Feature, record UTI UTM いった	Description
For every Habitat Typ Habitat Feature:	Mineral Lick e or Habitat Feature, record UTI UTM	Description Large coment rock hock
For every Habitat Typ Habitat Feature: fox pule	Mineral Lick e or Habitat Feature, record UTI UTM 177 0 747 103 47 7 6237 -10meast of rack of le	large coment rock lines
For every Habitat Typ Habitat Feature:	Mineral Lick e or Habitat Feature, record UTI UTM 177 0442103 4776237 -10meast of	Description Large coment rocklinick pile - and snog till routings &
For every Habitat Typ Habitat Feature: fox pule	Mineral Lick e or Habitat Feature, record UTI UTM 177 0442103 47 76237 -10meast of rock pile	Description Large coment rock hock pile - and snog till routing &
For every Habitat Typ Habitat Feature: fox pule	Mineral Lick e or Habitat Feature, record UTI UTM 177 0747103 4776237	Description Large Coment Fork Thrick pile - and Sing III routies & - me hork - has stall sugano
For every Habitat Typ Habitat Feature: fox y pule	Mineral Lick e or Habitat Feature, record UTI UTM 177 0442103 47 76237 -10meast of rock pile	Description Large Coment Fock hinck pile - and Snog III rounds & melina hark - has stand subano - lanks like vernal sed
For every Habitat Typ Habitat Feature: fox y pule	Mineral Lick e or Habitat Feature, record UTI UTM 177 0442103 47 76237 -10meast of rock pile 177 044228	Description Large coment fock hinck prise - and snow iii) formes & - and snow iii)
For every Habitat Typ Habitat Feature: fox y pule	Mineral Lick e or Habitat Feature, record UTI UTM 177 0442103 47 76237 -10meast of rock pile 177 044228	Description Large coment for klarick price - and snow in formas & melino hark - Industrial subumb - Industrial subumb - Industrial subumb oried up - snow & see indicate.
For every Habitat Typ Habitat Feature: fox y pule	Mineral Lick e or Habitat Feature, record UTI UTM 177 0442103 47 76237 -10meast of rock pile 177 044228	Description Large coment for klarick price - and snow in formas & melino hark - Industrial subumb - Industrial subumb - Industrial subumb oried up - snow & see indicate.
For every Habitat Typ Habitat Feature: fox y pule	Mineral Lick e or Habitat Feature, record UTI UTM 177 0442103 47 76237 -10meast of rock pile 177 044228	Description Large coment for klarick price - and snow in formas & melino hark - Industrial subumb - Industrial subumb - Industrial subumb oried up - snow & see indicate.
For every Habitat Typ Habitat Feature: fox y pule	Mineral Lick e or Habitat Feature, record UTI UTM 177 0442103 47 76237 -10meast of rock pile 177 044228	Description Large coment for klarick price - and snow in formas & melino hark - Industrial subumb - Industrial subumb - Industrial subumb oried up - snow & see indicate.

Describe Valley (depth, geomorphological traits):

Additional Details: 100-1296 - Vernal pool 1297 - creek

* Done from roadside *

Wildlife Habitat Field Data Collection Confirmed by JRW, KGB

Alvar

Rare Species (Not Species At Risk)

Rare Vegetation Community

NATURAL RESOURCE SOLUTIONS INC.

Aquatic, Terrestrial and Welland Biologists

1341 Packhill Page 1 of 2 End Time: 1235 Start Time: 1220 Observers: CKH, AMI Date: 16 Sout 100% (C 2 wind Weather Conditions: Photos: 1772 - 1776 Indicate whether or not the following habitat features are present within the polygon. If Yes to any, fill in Page 2. Incidental Wildlife Observations on Page 2. Information to Record on Page 2 Present **Habitat Features** Water No Applicable to All: Yes Draw extent of all water if not indicated through ELC. Longevity of site (if known, or estimate). Spring Flooded Field Sources of disturbance, current use, origin (natural or anthropogenic). Dimensions (length, width, and depth). Vernal Pool Vegetation species, woody debris/basking logs within water. Evidence of wildlife use including waterfowl, turtles, amphibians Pond Shallow Marsh (MAS) or Open Water Presence of fish All Swamps: Always search for Heron Nest Bowls. Record if active (April-June only) - Evidence includes egg shells, guano, dead young. Map colony/nests if found. Swamp No Applicable to All: Fields Yes Height of vegetation Evidence of small mammals Abundance of nectar-producing plants (e.g. goldenrods and asters) Size of site Non-rotational Hay or Weakly Grazed Pasture Adjacency to forest and forest size Frequency and source of disturbance Meadow Location and abundance of raptor perches (scattered trees, snags, fenceposts) Thicket, Woodland, Hydro Corridor Substrate and Topography Yes Evidence of use (turtles in or near the area, turtle tracks, raided nests). Proximity to Shallow Marsh (MAS) or Open Water Sand or Fine/Loose Gravel Count swallow nest holes and indicate location. Estimate number of breeding pairs. Sources of disturbance. Draw extent if not indicated through ELC. Banks, Steep Slopes, Sand Piles Height of cliff. Rock type. Presence of ledges or crevices and their size. Draw extent of cliffs if not indicated through ELC. Cliffs Depth of crevices Karst Cave Depth of cave, bedrock type Age. Rock/soil type. Draw extent of talus slopes if not indicated by ELC. Adjacency to large water body with productive fish population (otters). Natural Rock Piles / Talus Slopes Source of disturbances. Presence of shorebird food sources (snails, worms, clams, insects). Percent vegetation cover. Distance to a Great Lake. Exposed Unvegetated Lake/River/Wetland Edge Ecosite. Number or area of extent. Presence of indicator plants. Iron staining. Water temperature. Degree and length of slope. Soil types. Seeps or Springs Natural or artificial. Record any gulls or terns observed. Draw extent of island or peninsula if not indicated through ELC. Islands or Peninsulas in Open Water No Applicable to All: Anthropogenic Features Amount of sun exposure (or direction the slope faces) Abandoned Mine Shaft >< Age Depth into the ground Rock size Vegetation present
Evidence of Use
Abandoned Wells Only: Presence and type of capping Substrate composition (or bedrock type) Old Rock or Debris Pile, Old Stone Fence Proximity to water and estimated subterranean influence or potential for winter water fluctuation. Abandoned Road or Rail Bed Abandoned Well Abandoned Road or Rail Bed Only: Extent in the landscape. Connectivity to other natural features. Overhead vegetation cover. Old Foundation No Applicable to Mammal Burrows or Dens: **Burrows or Dens** Diameter of entrance Ecosite of location Availability of aquatic vegetation or fish Soil Type Small - Rodent or Snake Evidence of use, or tracks or digging marks Proximity to water and type of water Medium Large Adjacency to large water body with productive fish population. Evidence of otter (observed, tracks, scat, predated fish, turtles, eggs, frogs). Log Jams, Old Beaver Lodges Ecosite of location. Soil type. Source of site moisture (meadow marsh, creek/river edge, swamp etc). Crayfish Chimney (7E only) No Vegetation species browsed. Ecosite. Other evidence of ungulate use. Presence of seeps/springs. Barriers to movement to and from the area. Evidence Yes Extensive Browse and/or Ungulate Scat Quantity. Ecosite of location. Evidence of use. Species if known or bird group. Size. Height in tree. Tree species. Nest Bowl or Stick Nest (herons or raptors) No **Outstanding Trees** Yes Tree species. Evidence of perch usage or nesting. DBH, height. Exposure above canopy. Distance from surrounding forest (m) or within. Large DBH, Outstanding Tall Snag Tree species, DBH. Number of cavities, Size and type of cavities. Evidence of use by bats (abundant guano) or other mammals or wood ducks. Large DBH Cavity Tree (Live or Dead) Rare Communities or Species Yes Average age of trees. Range of DBH or prism sweep. Sources of disturbance (includes presence of exotics).

Soil type. Percent cover of trees, shrubs, forbs, and grasses. Sources of disturbance (includes presence of exotics). Old-Growth Forest Tallgrass Prairie or Savannah Soil type and drainage regime. DBH range or prism sweep. Approximate Canopy Cover. Source of disturbance or evidence of forestry.

Substrate type (bedrock or soil type). Water level. Evidence of water final type (bedrock or soil type). Red Spruce or White Oak Forest Substrate type (bedrock or soil type). Water level. Evidence of water fluctuation. Presence of Beaver Pond. Amount of exposed shoreline. Coastal Marshes (Great Lakes/Shallow Atlantic) Soil or substrate type. Sand class. Sources of disturbance (includes presence of exotics). Percent cover of trees, shrubs, forbs, and grasses. Dunes / Beaches / Bars / Ridges Sand class. Sources of disturbance (includes presence of exolics). Percent area of exposed rock, vegetation, and sand. Sources of erosion or fire. Sand class. Sources of disturbance (includes presence of exotics). Percent area of exposed rock, vegetation, and sand. Sources of ero Bedrock type. Soil type and depth. Percent area of exposed rock and vegetation. Sources of disturbance (includes presence of exotics). Sand Barren

Number of individuals and locations. Ecosite or Vegetation Type.

Sources of disturbance (includes presence of exotics).

C	ha	ract	teristics	of	Identified	Wildlife	Habitat

Project Name: Bornish

Date: Sept 16,2013

Project#: 123 | Area a

Area and/or Polygon ID: waD -045



Page 2 of 2

Indicate the location of the habitat feature on the Field Map. Associated Wildlife Observed Identified Habitat Feature # Observed! UTM(a) Photo Numbers Habitat Details (refer to Page 1) and Evidence (do not have access to prop.) scattered treas. 17T 0450825 100-165 Thicket 4774403 +0 100-169 TY EV # Notes TY Species EV # Notes **Species** B WT Dear flew from perch on ende of roadside (Nit) dith H, DB CA Faunal Type Codes (TY) Evidence Codes (EV) B=Bird Breeding Birds Other Wildlife M=Mammal H- Suitable Habitat V- Visiting Nest NU- Used nest FS- Food/Fecal Sac **OB-Observed** FE- Feeding Evidence H=Herpetofauna S- Singing Male A- Anxienty Behavior FY- Fledged Young CF- Adult carrying food **DP- Distinctive Parts** CA- Carcass/Bones FY- Eggs or young L=Lepidoptera P- Pair N- Nest Building (not wren or woodpecker) NE- Nest with eggs TK- Tracks NB- Nest Building (not wren or woodpecker) NY- Nest with young VO- Vocalization SC-Scat T- Territory D- Courtship Display **DD- Distraction Display** AE-Adult entering/leaving nest SI- Other Signs (Specify) HO- House/Den

Wildlife Habitat Field Data Collection

Project Name: Parkhill	Project#: 13 니	Area and/or Polygon ID: WXDD-045
Date: 50H-25 2013	Start Time: \3:00 End Time:	13:40 Observers: JPW KGB



Start Time: \$3.00 End Time: \$3.40 Observers: \$7.00 End Time: \$1.40 Observers: \$7.00
es are présent within the polygon. If Yes to any, fill in Page 2. Incidental Wildlife Observations on Page 2. Présent Information to Record on Page 2: Yes No Applicable to All:
Yes No Applicable to All:
Draw extent of all water if not indicated through ELC. Dimensions (length, width, and depth) Vegetation species, woody debris/basking logs within water. Presence of fish X All Swamps: Always search for Heron Nest Bowls. Record if active (April-June only) - Evidence includes egg shells, guano, dead young. Map colony/nests if found.
Yes No Applicable to All: Height of vegetation Size of site Abundance of nectar-producing plants (e.g. goldenrods and asters) X Evidence of small mammals Frequency and source of disturbance Adjacency to forest and forest size Location and abundance of raptor perches (scattered trees) and specific forest and forest size
Yes No
Evidence of use (turtles in or near the area, turtle tracks, raided nests). Proximity to Shallow Marsh (MAS) or Open Water Count swallow nest holes and indicate location. Estimate number of breeding pairs. Sources of disturbance. Draw extent if not indicated through ELC. Height of cliff. Rock type. Presence of ledges or crevices and their size. Draw extent of cliffs if not indicated through ELC. Depth of crevices Depth of cave, bedrock type Age. Rock/soil type. Draw extent of talus slopes if not indicated by ELC. Adjacency to large water body with productive fish population (otters). Source of disturbances. Presence of shorebird food sources (snalls, worms, clams, insects). Percent vegetation cover. Distance to a Great Lake. Ecosite. Number or area of extent. Presence of indicator plants. Iron staining. Water temperature. Degree and length of slope. Soil types. Natural or artificial. Record any gulls or terns observed. Draw extent of island or peninsula if not indicated through ELC.
Yes No Applicable to All: Age Depth into the ground Amount of sun exposure (or direction the slope faces) Rock size Vegetation present Substrate composition (or bedrock type) Evidence of Use Proximity to water and estimated subterranean influence or potential for winter water fluctuation. Abandoned Wells Only: Presence and type of capping Abandoned Road or Rail Bed Only: Extent in the landscape Connectivity to other natural features. Overhead vegetation cover.
Yes No Applicable to Mammal Burrows or Dens:
Yes No Vegetation species browsed. Ecosite(Other evidence of ungulate use.) Presence of seeps/springs. Barriers to movement to and from the area. Vegetation species browsed. Ecosite(Other evidence of ungulate use.) Presence of seeps/springs. Barriers to movement to and from the area. Vegetation species browsed. Ecosite(Other evidence of ungulate use.) Presence of seeps/springs. Barriers to movement to and from the area.
Yes No Tree species. Evidence of perch usage or nesting. DBH, height. Exposure above canopy. Distance from surrounding forest (m) or within. Tree species. DBH. Number of cavities. Size and type of cavities. Evidence of use by bats (abundant guano) or other mammals or wood ducks.
Yes No X Average age of trees. Range of DBH or prism sweep. Sources of disturbance (includes presence of exotics). X Soil type. Percent cover of trees, shrubs, forbs, and grasses. Sources of disturbance (includes presence of exotics). X Soil type and depths. X Soil type and drainage regime. DBH range or prism sweep. Approximate Canopy Cover. Source of disturbance or evidence of forestry. X Substrate type (bedrock or soil type). Water level. Evidence of water fluctuation. Presence of Beaver Pond. Amount of exposed shoreline. X Soil or substrate type. Sand class. Sources of disturbance (includes presence of exotics). Percent cover of trees, shrubs, forbs, and grasses. X Sand class. Sources of disturbance (includes presence of exotics). Percent area of exposed rock, vegetation, and sand. Sources of erosion or fire. Y Bedrock type. Soil type and depth. Percent area of exposed rock and vegetation. Sources of disturbance (includes presence of exotics). Number of individuals and locations. Ecosite or Vegetation Type

Characteristics of Identified Wildlife Habitat

Parkhill

Project Name:

Date: 5-04. 25, 2013
Area and/or Polygon ID:

Project#: 1341

WOD-045



Page 2 of 2

Indicate the location of the habitat feature on the Field Map. Associated Wildlife Observed .Habitat Detalls (refer to Page 1) Photo Numbers Identified Habitat Feature # Observed: and Evidence One snag tree, no evidence of feeching or 17T 0450852 1772-1776 None Thicket 4774424 nesting. Scattered trees in thickot. 17T 0450852 1772-1776 presence deer on side & the white-terited 4774424 road E۷ Notes TY **Species** EV # Notes Species 1 40 turken vulture B mourning dove on side of road M white-triled ARE Evidence Codes (EV) Faunal Type Codes (TY) Other Wildlife B=Bird Breeding Birds FE- Feeding Evidence FS- Food/Fecal Sac OB- Observed NU- Used nest M=Mammal H- Suitable Habitat V- Visiting Nest CA- Carcass/Bones **DP- Distinctive Parts** FY- Fledged Young CF- Adult carrying food H=Herpetofauna S- Singing Male A- Anxienty Behavior FY- Eggs or young N- Nest Building (not wren or woodpecker) NE- Nest with eggs TK- Tracks L=Lepidoptera P- Pair SC-Scat T- Territory NB- Nest Building (not wren or woodpecker) NY- Nest with young VO- Vocalization F=Fish SI- Other Signs (Specify) AE-Adult entering/leaving nest HO- House/Den D- Courtship Display **DD- Distraction Display** D=Dragonfly or Damselfly

NATURAL RESOURCE SOLUTIONS INC

Interconnect

14°C, 100 90 C.C. wind 3

Topo Feature

Riverine

Bottomland

Site: Parkhill Interco Polygon: WOD-048 UTM: 17T 044 16 95

Community Classification

Vegetation Type:

Polygon Description

Substrate

Mineral Soil

Parent Min.

Acidic Bedrock

Inclusion: Complex:

System

Verrestrial

Wetland

Aquetic

History

AMO GKM

134

Fresh-moist mixed meadow mEMMY

Community

River

Stream

Meadow

Prairie

Thicket

4776451

Crevice/Cave

Modified ELC Community Description

Page of

Natural		Carb. Bedrock		Tableland		Sand Dune		Swamp		Woodland
Cultural	-	_	1	Roll Upland		Bluff	L	Fen	_	Forest
	Site		L	Cliff				Bog	-	Plantation 9
Cover		Open Water	Pla	int Form						
Open		Shallow Water	Г	Plankton	X	Forb		Coniferous		
Shrub	X	Surficial Dep.		Submerged		Lichen		Mixed	1	
Treed		Bedrock	Г	Floating-Lvd,		Bryophyte			ш	
	Г		X	Graminoid	Г	Deciduous				
Stand Descri Layer	1 1	Cover	Sn	ecies	-					
		00761	100	00103						
- Super-cano	РУ	~	-				_			
1 Canopy	0	2	1	white	0	100				
2 Sub-canopy	3	a	V	white	13	m > 0	om	mon	bu	ckthorn
3 Understorey	4	4	6	namor	1	NOUT	OF	n 7 sec	d o	sier donc
4 Groundcove	er 5-7	14	C	anada :	40	denco	47	lance-	100	serdogu Foster
HT Codes: Cover Codes:	1: >2 0:nor				25 - 6	1m 5:1-0,5		0,5 - 0.2m 7:	<0.2m	
	0,,10,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		, 10 20 0,						
Size Class Analy	ysis			< 10	1 %	10 - 24	1	25 - 50	- 1	> 50
Snags			1	< 10	10	10 - 24	6	25 - 50	N	> 50
Deadfall/Logs			K	≥ 10	T	10-24	1	25 - 50	l V	> 50
Abundance Codes:			N:	None	R:	Rare	0:	Occasional	A:	Abundant
Community Age		Pioneer	X	Young		Mid-age		Mature	1	Old Growth

NATURAL RESOURCE SOLUTIONS INC

Modified ELC Community Description

Page of

PLANT SPECIES LIST

site: Parkh:11 1341	
Polygon: WOD-048	
UTM: 17 0441695 4	1776451
Date: Se 07. 16 / 13	Time: 11:25
Surveyor(s): AMD GEM	
Weather: 14°C, 10090 C.C	wind 3 WW

Lavers:

1=canopy 2=sub-canopy 3=understorey 4=ground layer

Species	Layer				Sample	Species	Layer				Sample
Oposios	1	2	3	4		Opasioo	1	2	3	4	Gumpic
Wh-elm	2	O				Smooth brome				A	-
scotts pine	,	R				tall goldenred		V.		0	
areen ash		R				teasel		Y.		2	
nawthern Sp.		R				Elymus Capens	3	λ :		0	1
ed osier document	A		K		7-1	Canada a piden sol				A	
Common apple		K				lancelat asle	Ý.			4	
omman buckthor	h	0	£			N.E. OSTES				0	
sed sedac		火				festuca orund	11	24	0	0	
river arape			\Box	K		Pool Pratensis				0	
	-					biter nightshap	e			0	
						lamb's a variers		1		R	
		10				Mentha arvensi		1		R	
		-				Carada thistit	-	111		0	
						Southistle				R	
						Common in Ken	_			R	
						gray and enro	al	CI		X	
			20		10-0-0	cury dock		Æ.	U	K	
						early gold enra	the state		H	K	
								8	9		
		D		1		,		Y=(
									-		
								= ,		-	
								E			
		13									

Wildlife and Other Notes

-watercourse flowing through meadow - 10ts of dead standing white elm

Wildlife Habitat Field Data Collection

roject Name: Parkhill Interconnec	Project #: 1341	Area and/or	Polygon ID: W0D-048
	ie: 11:25	End Time: 12 15	Observers: GRM. AMD



Veather Conditions: 14°C 100%		Time: 11:25	End Time: 1215	Observer	rs: GRM. AMD	Page 1 of 2
licate whether or not the following habitat feature		present within the polygon. If	Yes to any, fill in Page 2. Incid	dental Wildlife Observation	s on Page 2.	_
Habitat Features	Pres	sent	RANGE (SEAL)	Informa	tion to Record on Page 2	
Vater pring Flooded Field ernal Pool ond shallow Marsh (MAS) or Open Water swamp	Yes	Dimensions (length, w Vegetation species, w Presence of fish	oody debris/basking logs within	water.	Longevity of site (if known, Sources of disturbance, cu Evidence of wildlife use inc	
eids on-rotational Hay or Weakly Grazed Pasture eadow licket, Woodland, Hydro Corridor	Yes	No Applicable to All: Height of vegetation Evidence of small man	Size of sit mmals Size of sit Frequenc Location	te by and source of disturbant and abundance of raptor p	Abundance of nect ce Iwdd. Adjacency to forest perches (scattered trees, snag	ar-producing plants (e.g. goldenrods and asters) t and forest size γγο gs, fenceposts)
ubstrate and Topography	Yes	No				
and or Fine/Loose Gravel			es in or near the area, turtle traci	ks, raided nests). Proximit	ty to Shallow Marsh (MAS) or	Open Water
anks, Steep Slopes, Sand Piles						Draw extent if not indicated through ELC.
Cliffs			ype Presence of ledges or crev			
Carst		➤ Depth of crevices	· · · · · · · · · · · · · · · · · · ·			
Cave	11.17	X Depth of cave, bedroo				
atural Rock Piles / Talus Slopes		✓ Age. Rock/soil type.	Draw extent of talus slopes if no	ot indicated by ELC. Adjac	cency to large water body with	n productive fish population (otters).
xposed Unvegetated Lake/River/Wetland Edge						tation cover. Distance to a Great Lake
eeps or Springs			rea of extent. Presence of indic			
lands or Peninsulas in Open Water		Natural or artificial. R	Record any gulls or terns observe	ed. Draw extent of island of	or peninsula if not indicated th	rough ELC.
Abandoned Mine Shaft Did Rock or Debris Pile, Old Stone Fence Abandoned Road or Rail Bed Abandoned Well Did Foundation	×	Evidence of Use Abandoned Wells Or	Depth into the ground Vegetation present, 1005 nly: Presence and type of cappii Rail Bed Only: Extent in the la	Substrate composition Proximity to water and ing		と光く、 Coり b) ペ luence or potential for winter water fluctuation
Burrows or Dens	Yes	No Applicable to Mamma	al Burrows or Dens:			
Small - Rodent or Snake		Diameter of entrance		,	Availability of agua	tic vegetation or fish
Nedium		Ecosite of location		to water and type of water		r tracks or digging marks
arge		\times				
og Jams, Old Beaver Lodges		Adjacency to large wa	ater body with productive fish por	pulation. Evidence of otter	r (observed, tracks, scat, pre-	dated fish, turtles, eggs, frogs)
rayfish Chimney (7E only)		Ecosite of location S	Soil type. Source of site moistu	ure (meadow marsh, creek	/river edge, swamp etc)	
vidence	Yes	No				
xtensive Browse and/or Ungulate Scat	1		owsed. Ecosite. Other evidence	e of unquiate use. Presen	ce of seeps/springs. Barriers	to movement to and from the area.
lest Bowl or Stick Nest (herons or raptors)			ocation. Evidence of use. Sp			
Outstanding Trees	Yes	No Transporter Suiden	en of anyth years as not that	DDU height Eugener	have seened. Distance for	n oursementing forcet (m) or within
arge DBH, Outstanding Tall Snag arge DBH Cavity Tree (Live or Dead)						n surrounding forest (m) or within. ano) or other mammals or wood ducks.
right and research that a factor of manage.	_		The second secon	Ter serimon Establish		THE PARTY OF THE P
are Communities or Species	Yes	No				
ld-Growth Forest			Range of DBH or prism sweep			
allgrass Prairie or Savannah			ver of trees, shrubs, forbs, and g	rasses. Sources of distur	rbance (includes presence of	exotics).
og		Soil type and depths.				
ed Spruce or White Oak Forest			e regime. DBH range or prism s			
Coastal Marshes (Great Lakes/Shallow Atlantic)			ck or soil type). Water level. Ev			
Junes / Beaches / Bars / Ridges						trees, shrubs, forbs, and grasses.
Sand Barren			e and depth. Percent area of e			on, and sand. Sources of erosion or fire.
Alvar Rare Species (Not Species At Risk)			and locations. Ecosite or Vege		At. Sources of disturbance (II	cidules presente of exolics).
Rare Vegetation Community			ce (includes presence of exotics)			
INDICATED TO THE PROPERTY OF T	1	I VI Journes of disturbanc	e (miciades presence of exolics)	I.		

Characteristics of Identified Wildlife Habitat

Date: 5ept 16,2013

Project Name: Parkhill

Project#: 134

Area and/or Polygon ID:

840-00W



Page 2 of 2

Indicate the location of the habitat feature on the Field Map. Associated Wildlife Observed Identified Habitat Feature # Observed: UTM(s) Photo Numbers Habitat Octails (refer to Page 1) whole polygon is meadow, sec proj data meadow. 100-016/ to 100-0163 old concrete + cobble from farmers field. old rock pile 17T 0441657 4776300 not big enough for Condidate snoke hilber-nacula 100-0164 TY Species EV # Notes TY **Species** EV # Notes N Cottontail OK observed scaminoning Faunal Type Codes (TY) Evidence Codes (EV) B=Bird Breeding Birds Other Wildlife M=Mammal H- Suitable Habitat V- Visiting Nest NU- Used nest FS- Food/Fecal Sac OB- Observed FE- Feeding Evidence H=Herpetofauna S- Singing Male A- Anxienty Behavior FY- Fledged Young CF- Adult carrying food DP- Distinctive Parts CA- Carcass/Bones L=Lepidoptera P- Pair N- Nest Building (not wren or woodpecker) NE- Nest with eggs FY- Eggs or young TK- Tracks F=Fish T- Territory NB- Nest Building (not wren or woodpecker) VO- Vocalization NY- Nest with young SC- Scat D=Dragonfly or Damseifly D- Courtship Display DD- Distraction Display AE-Adult entering/leaving nest HO- House/Den SI- Other Signs (Specify)