

Maps (Please ensure road names and UTM coordinates are clearly visible)



Wildlife Scientific Collector's Authorization # 1095107 ESA Permit # GU-B-004-18

Instructions:

- You must complete a separate form for each pond sampled.
- Each form must be completed in its entirety (including permit numbers).
- Attach two orthophotos showing the location of the pond labelled with UTM coordinates (see example provided):
 - Map 1 must show the pond and local roads or features.

SECTION A - TO BE FILLED OUT BY THE COLLECTOR

- Map 2 will be a close-up of the pond (suggested scale 1:1000).
- Pond nomenclature must be consistent for all maps and reports.
- All conditions as per the WSCA and ESA permits must be followed.

Submit this form along with any samples to Dr. Jim Bogart (with permission) at the University of Guelph; 519-824-4120 (extension 58728). Copies of this form (including forms containing negative observations) must also be submitted to the authorizing MNRF District Office along with the ESA permit and WSCA report.

Search Result (circle one): Positive Negative
PROJECT TITLE:Highway 401/6
CONTACT INFORMATION:
Name of observer(s): Kasey Makenzie & David Dunn
Affiliation: Mailing Address: AECOM Canada Ltd.,105 Commerce Valley Drive West, 7th Floor, Markham, ON L3T 7W3,
Canada Phone Number: 705.797.3283 Email: julie.ellis@aecom.com
PROPERTY INFORMATION: Site name:Pond ID:
Property Address:N (NOT Lat, Long)
UTM Coordinates (NAD83):EN (NOT Lat, Long) (Do not record UTM of each minnow trap, only one coordinate per pond or road location is required)
Land Ownership: Public Delicate Deli
LANDOWNER INFORMATION:
Name: MTO property section
Mailing Address:
Page 1
Last updated: January 2016

SAMPLING INFORMATION:					
Date(s) of sampling:	128-	29	,2020		_(dd/mm/yyyy)
Survey Type (circle one):				I - sidombol	
Minnow Trap Cover Boa	ird Road	d Pit	fall Trap Visual	Incidental	
Sample Type (circle all that apply):	_				
Tail Tip Roadkill Larva					
Search Effort (time spent, number o					
6 traps x 12	YOU				
# of salamanders observed:				***************************************	
Number of Samples Taken:		44 a mb a	aliai o o i	# of larvae: _	
# of adult tail tips:			alities:	# Of latvac	
# of larvae tail tips:		# roadk	xills:		
HABITAT INFORMATION:					
Average Pond Depth (m):					
Pond Description:					
•					
Terrestrial Vegetation Community Ty					
Other amphibians observed or heard	d:				
Egg Attachment Sites Present:	Yes		□Unknown		
Suitable Hydroperiod for Breeding:	∑☐Yes	□No	□Unknown		
	□Yes	□No	Photo #:		
Photos Taken:	7,00				
			ADT		
SECTION B - TO BE FILLED OU	IT BY DR	. BOG	AKI		
Date samples received:					(dd/mm/yyy
Condition of samples received:					
PB #(s):					



Maps (Please ensure road names and UTM coordinates are clearly visible)



Wildlife Scientific Collector's Authorization # 1095107 ESA Permit # GU-B-004-18

Instructions:

- You must complete a separate form for each pond sampled.
- Each form must be completed in its entirety (including permit numbers).
- Attach two orthophotos showing the location of the pond labelled with UTM coordinates (see example provided):
 - Map 1 must show the pond and local roads or features.
 - Map 2 will be a close-up of the pond (suggested scale 1:1000).
- Pond nomenclature must be consistent for all maps and reports.

SECTION A - TO BE FILLED OUT BY THE COLLECTOR

• All conditions as per the WSCA and ESA permits must be followed.

Submit this form along with any samples to Dr. Jim Bogart (with permission) at the University of Guelph; 519-824-4120 (extension 58728). Copies of this form (including forms containing negative observations) must also be submitted to the authorizing MNRF District Office along with the ESA permit and WSCA report.

S	earch Result (circle one): Positive Negative
PI	OJECT TITLE:Highway 401/6
	NTACT INFORMATION:
Na	me of observer(s): Wally Mackan Zel.
Aff	liation: ling Address: AECOM Canada Ltd.,105 Commerce Valley Drive West, 7th Floor,Markham, ON L3T 7W3,
	nada ne Number: 705.797.3283 Email: <u>julie.eliis@aecom.com</u>
PR	Pond ID:
	name:
	perty Address:N (NOT Lat, Long)
UTN	Coordinates (NAD83):EN (NOT Lat, Long) not record UTM of each minnow trap, only one coordinate per pond or road location is required)
(Do	-Z
	Ownership: Public Private Both
LAN	DOWNER INFORMATION: DYO DEN DI SECTION
Maili	g Address:
	Dogg 1
Last u	odated: January 2016 Page 1



SAMPLING INFORMATION:	
Date(s) of sampling: March 39-30,707 C	(dd/mm/yyyy)
Survey Type (circle one):	
Cover Board Road Pitfall Trap Visual Incid	dental
Sample Type (circle all that apply):	
Tail Tub Roadkill Larvae Egg Mass Visual Observation	
Search Effort (time spent, number of minnow traps etc.):	
btrop x12 nous	
# of salamanders observed:	
Number of Samples Taken:	
# of adult tail tips: # mortalities: # of	larvae:
# of larvae tail tips: # roadkills:	
HABITAT INFORMATION:	
Average Pond Depth (m):	
Pond Description:	
Terrestrial Vegetation Community Type:) in the one
Other amphibians observed or heard:	OCO P 1
	is a 24 %
Suitable Hydroperiod for Breeding: □Yes □No □Unknown	
Photos Taken: ☐Yes ☐No Photo #:	
TO THE TWO TO CUT DV DD. DOCADT	
SECTION B – TO BE FILLED OUT BY DR. BOGART	
Date samples received:	(dd/mm/yy
Condition of samples received:	
JPB #(s):	



Maps (Please ensure road names and UTM coordinates are clearly visible)



Page 1

Instructions:

Last updated: January 2016

- You must complete a separate form for each pond sampled.
- · Each form must be completed in its entirety (including permit numbers).
- Attach two orthophotos showing the location of the pond labelled with UTM coordinates (see example provided):
 - Map 1 must show the pond and local roads or features.

SECTION A - TO BE FILLED OUT BY THE COLLECTOR

- Map 2 will be a close-up of the pond (suggested scale 1:1000).
- · Pond nomenclature must be consistent for all maps and reports.
- All conditions as per the WSCA and ESA permits must be followed.

Submit this form along with any samples to Dr. Jim Bogart (with permission) at the University of Guelph; 519-824-4120 (extension 58728). Copies of this form (including forms containing negative observations) must also be submitted to the authorizing MNRF District Office along with the ESA permit and WSCA report.

Search Result (circle one): Positive Negative > PROJECT TITLE: Highway 401/6 CONTACT INFORMATION: Name of observer(s): Andrew Minielly, David Dang Mailing Address: AECOM Canada Ltd., 105 Commerce Valley Drive West, 7th Floor, Markham, ON L3T 7W3, Phone Number: 905.886.7022 Email: julie.ellis@aecom.com PROPERTY INFORMATION: Property Address: (6N 7 Front Pt Lot 28 +6+HRR With ROW UTM Coordinates (NAD83): 570005 E 4810752 N (NOT Lat, Long) (Do not record UTM of each minnow trap, only one coordinate per pond or road location is required) ₽Private Land Ownership: □Public □Both LANDOWNER INFORMATION: Name: Hydro one Networks Inc. Mailing Address: _____

SAMPLING INFORMATION:
Date(s) of sampling: 07/04/2020 to 09/04/2020 (dd/mm/yyyy)
Survey Type (circle one):
Minnow Trap Cover Board Road Pitfall Trap Visual Incidental
Sample Type (circle all that apply):
Tail Tip Roadkill Larvae Egg Mass Visual Observation
Search Effort (time spent, number of minnow traps etc.):
12hrs - 6 traps set
of salamanders observed: Ø zero
Number of Samples Taken:
of adult tail tips: # mortalities: # of larvae:
of larvae tail tips: # roadkills:
HABITAT INFORMATION:
Average Pond Depth (m):
Pond Description:
Previously
Terrestrial Vegetation Community Type:
Other amphibians observed or heard:
Egg Attachment Sites Present: □Yes □No □Unknown
Suitable Hydroperiod for Breeding: ☑Yes ☐No ☐Unknown
Photos Taken: DYes DNo Photo #: 073311 + 074517
SECTION B – TO BE FILLED OUT BY DR. BOGART Date samples received:(dd/mm/yyyy)
Condition of samples received:
JPB #(s):



Maps (Please ensure road names and UTM coordinates are clearly visible)



Wildlife Scientific Collector's Authorization # 1095107 ESA Permit # GU-B-004-18

Instructions:

- · You must complete a separate form for each pond sampled.
- · Each form must be completed in its entirety (including permit numbers).
- Attach two orthophotos showing the location of the pond labelled with UTM coordinates (see example provided):
 - Map 1 must show the pond and local roads or features.
 - Map 2 will be a close-up of the pond (suggested scale 1:1000).
- · Pond nomenclature must be consistent for all maps and reports.
- All conditions as per the WSCA and ESA permits must be followed.

Submit this form along with any samples to Dr. Jim Bogart (with permission) at the University of Guelph; 519-824-4120 (extension 58728). Copies of this form (including forms containing negative observations) must also be submitted to the authorizing MNRF District Office along with the ESA permit and WSCA report.

SECTION A - TO BE FILLED OUT BY THE COLLECTOR
Search Result (circle one): Positive Negative
PROJECT TITLE:Highway 401/6
CONTACT INFORMATION:
Name of observer(s): Julic Ellis / Kusey McKenzie
Affiliation: AECOM
Mailing Address: AECOM Canada Ltd.,105 Commerce Valley Drive West, 7th Floor, Markham, ON L3T 7W3,
Canada
Phone Number: 905.886.7022 Email: julie.ellis@aecom.com
PROPERTY INFORMATION:
Site name:
Property Address:
UTM Coordinates (NAD83): 571054 E 4811286 N (NOT Lat, Long)
(Do not record UTM of each minnow trap, only one coordinate per pond or road location is required)
Land Ownership: □Public □Private □Both
LANDOWNER INFORMATION:
Name: Mo Property No property Section
Mailing Address:
Last updated: January 2016 Page 1

SAMPLING INFORMATION:
Date(s) of sampling: 12/03/2020 to 13/03/2020 (dd/mm/yyyy)
Survey Type (circle one):
Minnow Trap Cover Board Road Pitfall Trap Visual Incidental
Sample Type (circle all that apply):
(ail Tip) Roadkill Larvae Egg Mass Visual Observation
Search Effort (time spent, number of minnow traps etc.):
of salamanders observed: 8 zero
of salamanders observed: Ø ZCO
Number of Samples Taken:
of adult tail tips: # mortalities: # of larvae:
of larvae tail tips: # roadkills:
HABITAT INFORMATION:
Average Pond Depth (m):
Pond Description: Large pont/Morsh dominated by Tyda Sp. 20%
open water
Terrestrial Vegetation Community Type: MAS
Other amphibians observed or heard: NONE
Egg Attachment Sites Present: ☐Yes ☐No ☐Unknown
Suitable Hydroperiod for Breeding: □Yes □No □Unknown
Photos Taken:
SECTION B - TO BE FILLED OUT BY DR. BOGART
Date samples received:(dd/mm/yyyy)
Condition of samples received:
JPB #(s):
Last updated: January 2016 Page 2



Maps (Please ensure road names and UTM coordinates are clearly visible)





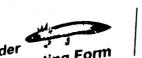
Wildlife Scientific Collector's Authorization # 1095107 ESA Permit # GU-B-004-18

Instructions:

- You must complete a separate form for each pond sampled.
- Each form must be completed in its entirety (including permit numbers). Attach two orthophotos showing the location of the pond labelled with UTM coordinates (see
 - Map 1 must show the pond and local roads or features.
 - Map 2 will be a close-up of the pond (suggested scale 1:1000).
- Pond nomenclature must be consistent for all maps and reports.
- All conditions as per the WSCA and ESA permits must be followed.

Submit this form along with any samples to Dr. Jim Bogart (with permission) at the University of Guelph; 519-824-4120 (extension 58728). Copies of this form (including forms containing negative observations) must also be submitted to the authorizing MNRF District Office along with the ESA permit and WSCA

SECTION A - TO BE FILLED OUT BY THE COLLECTOR
Search Result (circle one): Positive Negative
PROJECT TITLE:Highway 401/6
CONTACT INFORMATION:
Name of observer(s): Julie Ellis Kasel Makenzh.
Affiliation:
Mailing Address: AECOM Canada Ltd.,105 Commerce Valley Drive West, 7th Floor,Markham, ON L3T 7W3, Canada
Phone Number: 705.797.3283 Email: julie.ellis@aecom.com
PROPERTY INFORMATION:
Site name: Pond ID:
Property Address:
UTM Coordinates (NAD83): E N (NOT Lat, Long)
(Do not record UTM of each minnow trap, only one coordinate per pond or road location is required)
Land Ownership: □Public □Private □Both
Name: MTO property Socion
Mailing Address:



AMPLING INFORMATION:	n 18/19,	2020			(dd/mm/yyyy)
Date(s) of sampling: Survey Type (circle one): Minnow Trap Cover B	oard Road	T Ittali Trail	Visual	Incidental	
Sample Type (circle all that apply for the Tail Tip) Roadkill Lar Search Effort (time spent, number 5 4700 X V	vae Egg Mass of minnow traps	s Visual Ob etc.):	servation		
# of salamanders observed: #umber of Samples Taken: # of adult tail tips: # of larvae tail tips:	# mo	ortalities: dkills:		# of larvae:	
erage Pond Depth (m):					
estral Vegetation Community T					
r amphibians observed or heard	_				
Attachment Sites Present:					
bie Hydroperiod for Breeding: S Taken:	Dres ONo				
TON B - TO BE FILLED OUT	BY DR. BOG	ART			
amples received:					
amples received:ion of samples received:s):s):					_ (dd/mm/yyyy
s):			n ,		

odated: January 2016



Maps (Please ensure road names and UTM coordinates are clearly visible)



Jefferson Salamander Wildlife Scientific Collector's Authorization # 1095107 Presence/Absence Reporting Form ESA Permit # GU-B-004-18 Instructions: You must complete a separate form for each pond sampled.

 You must complete a separate form for each pond sampled. You must complete a separate.
 Each form must be completed in its entirety (including permit numbers). Each form must be completed in its entirety (including permit numbers).
 Attach two orthophotos showing the location of the pond labelled with UTM coordinates (see Map 1 must show the pond and local roads or features. - Map 2 will be a close-up of the pond (suggested scale 1:1000). Pond nomenclature must be consistent for all maps and reports. All conditions as per the WSCA and ESA permits must be followed. Submit this form along with any samples to Dr. Jim Bogart (with permission) at the University of Guelph; Submit this form along with any samples to District Office along with the University of Guelph; 519-824-4120 (extension 58728). Copies of this form (including forms containing negative observations) 519-824-4120 (extension 56726). Sopies 5. this form (including forms containing negative observation must also be submitted to the authorizing MNRF District Office along with the ESA permit and WSCA SECTION A - TO BE FILLED OUT BY THE COLLECTOR Search Result (circle one): **Positive** Negative PROJECT TITLE: ____Highway 401/6 **CONTACT INFORMATION:** Name of observer(s): Julie His/Kase, Makence Affiliation: Mailing Address: AECOM Canada Ltd., 105 Commerce Valley Drive West, 7th Floor, Markham, ON L3T 7W3, Phone Number: 705.797.3283 Email: <u>julie.ellis@aecom.com</u> PROPERTY INFORMATION: Site name: 1000 - 100_____ Pond ID:__ Property Address: _____N (NOT Lat, Long) E UTM Coordinates (NAD83): _____ (Do not record UTM of each minnow trap, only one coordinate per pond or road location is required) **□**Both □Private LANDOWNER INFORMATION: Mailing Address: Last updated: January 2016



SAMPLING INFORMATION:				
Date(s) of sampling: していて	h 19-2	0,2020		
Survey Type (circle one):				(dd/mm/yyyy)
Minnow Trap Cover E	oard Road	Pitfall Trap Vis		
Sample Type (circle all that apply):	Pitfall Trap Vis	ual Incidental	
(Tail Tip) Roadkill La	vae Egg Mas	s Visual Observa	ation	
Search Effort (time spent, number	of minnow traps	etc.):		
# of salamanders observed:_	·			
Number of Samples Taken:				
# of adult tail tips:	# mo	ortalities:	# - 61-	
# of larvae tail tips:		idkills:	# of larvae:	
HABITAT INFORMATION:				
Average Pond Depth (m):				
Pond Description:		7		
Terrestrial Vegetation Community T	/no:	/		
Other amphibians observed or heard	r, pe			
Egg Attachment Sites Present:	 ⊠Yes □No			
Suitable Hydroperiod for Breeding:	MYes □No	□Unknown		
Photos Taken:		□Unknown		
	□Xes □No	Photo #:		
ECTION B. TO BE TWO				
ECTION B - TO BE FILLED OUT	BY DR. BOG	ART		
ate samples received:				
ondition of samples received:				_ (dd/mm/yyyy)
B #(s):				

Last updated: January 2016

Page 2



Maps (Please ensure road names and UTM coordinates are clearly visible)



Instructions:

- You must complete a separate form for each pond sampled.
- Each form must be completed in its entirety (including permit numbers). Attach two orthophotos showing the location of the pond labelled with UTM coordinates (see
 - Map 1 must show the pond and local roads or features.
 - Map 2 will be a close-up of the pond (suggested scale 1:1000).
- Pond nomenclature must be consistent for all maps and reports. All conditions as per the WSCA and ESA permits must be followed.

Submit this form along with any samples to Dr. Jim Bogart (with permission) at the University of Guelph; 519-824-4120 (extension 58728). Copies of this form (including forms containing negative observations

must also be submitted to the authorizing MNRF District Office along with the ESA permit and WSCA report.
SECTION A - TO BE FILLED OUT BY THE COLLECTOR
Search Result (circle one): Positive Negative
PROJECT TITLE:Highway 401/6
CONTACT INFORMATION:
Name of observer(s): Julie Elis Kasey MacConze
Mailing Address: AECOM Canada Ltd.,105 Commerce Valley Drive West, 7th Floor, Markham, ON L3T 7W3,
Canada
Phone Number: 705.797.3283 Email: julie.ellis@aecom.com
PROPERTY INFORMATION: Site name: Pond ID: Pond ID:
Property Address: N (NOT Lat, Long)
UTM Coordinates (NAD83):EN (NOT Lat, Long) (Do not record UTM of each minnow trap, only one coordinate per pond or road location is required)
Land Ownership: □Public □Private \□Both
LANDOWNER INFORMATION: MTO Property Section
Name: Mailing Address:
Maining
Page 1
Last updated: January 2016



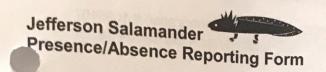
SAMPLING INFORMATION:
Date(s) of sampling: Navon 29-30, 2020 (dd/mm/yyyy
Survey Type (circle one):
Minnow Trap Cover Board Road Pitfall Trap Visual Incidental
Sample Type (circle all that apply):
Tail Tip Roadkill Larvae Egg Mass Visual Observation
Search Effort (time spent, number of minnow traps etc.):
2 8 traps x & hees each
of salamanders observed:
Number of Samples Taken:
of adult tail tips: 4 mortalities: 6 # of larvae: 6
of larvae tail tips: # roadkills:
Average Pond Depth (m): Pond Description:
Terrestrial Vegetation Community Type:
Other amphibians observed or heard:
Egg Attachment Sites Present: □Yes □No □Unknown
Suitable Hydroperiod for Breeding: Des DNo DUnknown
Photos Taken:
SECTION B – TO BE FILLED OUT BY DR. BOGART
Date samples received:(dd/mm/yyy
Condition of samples received:
JPB #(s):



Maps (Please ensure road names and UTM coordinates are clearly visible)



Page 1



Instructions:

- You must complete a separate form for each pond sampled.
- Each form must be completed in its entirety (including permit numbers).
- Attach two orthophotos showing the location of the pond labelled with UTM coordinates (see example provided):
 - Map 1 must show the pond and local roads or features.
 - Map 2 will be a close-up of the pond (suggested scale 1:1000).
- Pond nomenclature must be consistent for all maps and reports.
- All conditions as per the WSCA and ESA permits must be followed.

Submit this form along with any samples to Dr. Jim Bogart (with permission) at the University of Guelph; 519-824-4120 (extension 58728). Copies of this form (including forms containing negative observations) must also be submitted to the authorizing MNRF District Office along with the ESA permit and WSCA report.

SEC	CTION A - TO BE FILLED OUT BY THE COLLECTOR	
Sea	rch Result (circle one): Positive Negative	
PRO	DJECT TITLE:Highway 401/6	The state of the s
	NTACT INFORMATION:	
Nam Affili	ne of observer(s): Nothan De Carlo, Kasey Mck ation: AECOM	Cenzie
Mail	ing Address: AECOM Canada Ltd.,105 Commerce Valley Drive West, 7th Flo	oor, Markham, ON L3T 7W3,
Cana	ada	
Phor	ne Number: 705.797.3283 Email: julie.ellis@aecom.com	
PRO	PERTY INFORMATION:	
		Pond ID: Pool-18
Prop	erty Address:	BLANK SELECTOR
UTM	Coordinates (NAD83): 57 1005 E 4811312 N (NOT	Lat, Long)
(Do r	not record UTM of each minnow trap, only one coordinate per pond or ro	ad location is required)
Land	Ownership: Public Private Both	
Name Mailin	DOWNER INFORMATION: E: MTO Property 40 Property Section g Address: 659 Ekeker Rd, London, ON LG	E 1L3
Last u	odated: January 2016	Page 1

SAMPLING INFORMATION:	
Date(s) of sampling: 07/04/2020 - 08/04/8020	(dd/mm/yyyy)
Survey Type (circle one):	(dd/iiii/yyyy)
Minnow Trap Cover Board Road Pitfall Trap Visual Incidental Sample Type (circle all that apply):	
Tail Tip Roadkill Larvae Egg Mass Visual Observation	
Search Effort (time spent, number of minnow traps etc.):	
# of salamanders observed: 20	THE STREET SHEET SHEET
Number of Samples Taken:	9;
# of adult tail tipe: 19	The second control of
# mortalities: # of larvae: # of larvae: # of larvae:	Difference tablemen
HABITAT INFORMATION:	
Average Pond Depth (m):	
Pond Description:	
	OSCIOLO TOXICA
Terrestrial Vegetation Community Type:	(1) 10 10 10 10 10 10 10 10 10 10 10 10 10
Other amphibians observed or heard: Spring people (1) in minrow trap	A COUNTY
Suitable Hall Sites Present:	The second second second
Suitable Hydroperiod for Breeding: Yes No Unknown Photos Taken:	
Yes INo Photo #: IMG7701 - IN	16_7758
SECTION B - TO BE FILLED OUT DY DE	HOUSE VERNING
SECTION B - TO BE FILLED OUT BY DR. BOGART	
Date samples received:	
Condition of samples received:	(dd/mm/yyyy)
JPB #(s):	



Maps (Please ensure road names and UTM coordinates are clearly visible)



Last updated: January 2016

Wildlife Scientific Collector's Authorization # 1095107 ESA Permit # GU-B-004-18

Page 1

Instructions:

- · You must complete a separate form for each pond sampled.
- Each form must be completed in its entirety (including permit numbers).
- Attach two orthophotos showing the location of the pond labelled with UTM coordinates (see example provided):
 - Map 1 must show the pond and local roads or features.

SECTION A - TO BE FILLED OUT BY THE COLLECTOR

- Map 2 will be a close-up of the pond (suggested scale 1:1000).
- Pond nomenclature must be consistent for all maps and reports.
- All conditions as per the WSCA and ESA permits must be followed.

Submit this form along with any samples to Dr. Jim Bogart (with permission) at the University of Guelph; 519-824-4120 (extension 58728). Copies of this form (including forms containing negative observations) must also be submitted to the authorizing MNRF District Office along with the ESA permit and WSCA report.

Negative Positive Search Result (circle one): PROJECT TITLE: Highway 401/6 CONTACT INFORMATION: Name of observer(s): Julic Ellis / Kusey Mckenzie Mailing Address: AECOM Canada Ltd., 105 Commerce Valley Drive West, 7th Floor, Markham, ON L3T 7W3, Phone Number: 905.886.7022 Email: julie.ellis@aecom.com PROPERTY INFORMATION: Pond ID: Pas1-22 Site name: Posou Property Address: 18 Calfass Rd. Con 7 Reas Pt. Lot 30 UTM Coordinates (NAD83): <u>57 0766</u> E <u>48 0415</u> N (**NOT** Lat, Long) (Do not record UTM of each minnow trap, only one coordinate per pond or road location is required) Land Ownership: □Public □Private □Both LANDOWNER INFORMATION: Name: MTO C/O property Section Mailing Address: ____

SAMPLING INFORMATION:
Date(s) of sampling: 12/03/12020 to 13/03/12020 (dd/mm/yyy
Survey Type (circle one):
Minnow Trap Cover Board Road Pitfall Trap Visual Incidental
Sample Type (circle all that apply):
Tail Tip Roadkill Larvae Egg Mass Visual Observation
Search Effort (time spent, number of minnow traps etc.):
3 traps set for 12 hours
of salamanders observed: 2000
Number of Samples Taken:
of adult tail tips: # mortalities: # of larvae: # of larvae
HABITAT INFORMATION:
Average Pond Depth (m): _g. S
Pond Description: <u>Small</u> pond situated in mixed forest
ond seed plant seed as a seed of seed as a seed of seed as a seed of s
Terrestrial Vegetation Community Type: Fom 2-2
Other amphibians observed or heard:
Egg Attachment Sites Present: ☐Yes ☐No ☐Unknown
Suitable Hydroperiod for Breeding:
Photos Taken:
SECTION B - TO BE FILLED OUT BY DR. BOGART
Date samples received:(dd/mm/yyyy
Condition of samples received:
JPB #(s):
Last updated: January 2016 Page 2



Maps (Please ensure road names and UTM coordinates are clearly visible)



Wildlife Scientific Collector's Authorization # 1095107 ESA Permit # GU-B-004-18

Instructions:

- You must complete a separate form for each pond sampled.
- Each form must be completed in its entirety (including permit numbers). Each form must be completed in its entirety (including permit numbers).

 Attach two orthophotos showing the location of the pond labelled with UTM coordinates (see
 - Map 1 must show the pond and local roads or features.

 Map 1 must show the pond and local roads or features. Map 2 will be a close-up of the pond (suggested scale 1:1000). All conditions as per the WSCA and ESA permits must be followed. Submit this form along with any samples to Dr. Jim Bogart (with permission) at the must also be submitted to the authorizing MNRF District Office along with the ESA 	
SECTION A - TO BE FILLED OUT BY THE COLLECTOR	Politicalia WSCA
Search Result (circle and)	
PROJECT TITLE:Highway 401/6	
CONTACT INFORMATION:	
Name of observer(s): JULE ELIS / KUSLY M. Affiliation:	
Mailing Address: AECOM Canada Ltd.,105 Commerce Valley Drive West, 7th Floor,Ma	arkham, ON L3T 7W3,
Phone Number: 705.797.3283 Email: julie.ellis@aecom.com	
PROPERTY INFORMATION:	
Site name: Pool AM 22 Pond I	D:
Property Address:	
UTM Coordinates (NAD83): E N (NOT Lat, L	ong)
(Do not record UTM of each minnow trap, only one coordinate per pond or road lo	=-
Land Ownership: □Public □Private □Both	,
Name: MTO property Section	
Mailing Address:	
Last updated: January 2016	Page 1



THE PROPERTY OF THE PROPERTY O	
SAMPLING INFORMATION: Date(s) of sampling: LGC 17-20, 2020	(dd/mm/yyyy)
Survey Type (circle one): Name of Tren Cover Board Road Pitfall Trap Visual Incidental	
Mignow Trap Cover Board Redd	
Sample Type (circle all that apply): (Tail Tip Roadkill Larvae Egg Mass Visual Observation	
Tail Tip Roadkill Larvae Egg Mass Visual Observation Search Effort (time spent, number of minnow traps etc.):	
CARCID X15 NOCT	
# of salamanders observed:	
Number of Samples Taken:	
# of adult tail tips: # mortalities: # of larvae: _	
# of larvae tail tips: # roadkills:	
HABITAT INFORMATION:	
Average Pond Depth (m):	
Pond Description:	
Terrestrial Vegetation Community Type:	
Other amphibians observed or heard: SPPE(I) @ (OQC)	
Egg Attachment Sites Present: □Ýes □No □Unknown	
Suitable Hydroperiod for Breeding: DYes DNo DUnknown	
Photos Taken:	
SECTION B – TO BE FILLED OUT BY DR. BOGART	
SECTION B - TO BE FILLED OUT BY DR. BOGART	
ate samples received:	(dd/mm/yyyy)
condition of samples received:	
ended of campion received:	



Maps (Please ensure road names and UTM coordinates are clearly visible)



Wildlife Scientific Collector's Authorization # 1095107 ESA Permit # GU-B-004-18

Instructions:

- You must complete a separate form for each pond sampled.
- Each form must be completed in its entirety (including permit numbers). Attach two orthophotos showing the location of the pond labelled with UTM coordinates (see
 - Map 1 must show the pond and local roads or features.
 - Map 2 will be a close-up of the pond (suggested scale 1:1000).
- Pond nomenclature must be consistent for all maps and reports.
- All conditions as per the WSCA and ESA permits must be followed.

Submit this form along with any samples to Dr. Jim Bogart (with permission) at the University of Guelph; 519-824-4120 (extension 58728). Copies of this form (including forms containing negative observations) must also be submitted to the authorizing MNRF District Office along with the ESA permit and WSCA report.

SECTION A - TO BE FILLED OUT BY THE COLLECTOR Search Result (circle one): Positive / Negative PROJECT TITLE:____Highway 401/6 **CONTACT INFORMATION:** Name of observer(s): Kasey Mikenzia & David Duna Affiliation: Mailing Address: AECOM Canada Ltd.,105 Commerce Valley Drive West, 7th Floor, Markham, ON L3T 7W3, Canada Phone Number: 705.797.3283 Email: julie.ellis@aecom.com PROPERTY INFORMATION: Pond ID:_____ Site name: __ Property Address: _____ ____N (NOT Lat, Long) UTM Coordinates (NAD83): _____E (Do not record UTM of each minnow trap, only one coordinate per pond or road location is required) □Both □Private □Public Land Ownership: LANDOWNER INFORMATION: Name: MTO DICOULTY Mailing Address: ____ Page 1 Last updated: January 2016



Date(s) of sampling: March	28 -> 20	9 2020		_(dd/mm/yyyy)
Survey Type (circle one):				
Minnow Trap Cover Box	ard Road Pi	tfall Trap Visual	Incidental	
Sample Type (circle all that apply):				
(Tail Tip) Roadkill Larv	ae Egg Mass	Visual Observation	ו	
Search Effort (time spent, number of	hairs			
# of salamanders observed:				· · · · · · · · · · · · · · · · · · ·
Number of Samples Taken:				
# of adult tail tips: # of larvae tail tips:	# mort	alities:	# of larvae: _	
# of larvae tail tips: <	# road	kills: <u></u>	•	
Average Pond Depth (m): Pond Description:				
Terrestrial Vegetation Community Ty	/pe:			
Other amphibians observed or heard	1:			
gg Attachment Sites Present:	⊠Yes □No	□Unknown		
Suitable Hydroperiod for Breeding:	⊠Yes □No	□Unknown		
Photos Taken:	Y⊡Yes □No	Photo #:		
ECTION B — TO BE FILLED OUT	r BY DR. BOG.	ART		
ate samples received:				(dd/mm/yyyy)
ondition of samples received:				
PP #(a):				



Maps (Please ensure road names and UTM coordinates are clearly visible)



Last updated: January 2016

Instructions:

- You must complete a separate form for each pond sampled.
- Each form must be completed in its entirety (including permit numbers).
- Attach two orthophotos showing the location of the pond labelled with UTM coordinates (see example provided):
 - Map 1 must show the pond and local roads or features.
 - Map 2 will be a close-up of the pond (suggested scale 1:1000).
- Pond nomenclature must be consistent for all maps and reports.
- All conditions as per the WSCA and ESA permits must be followed.

Submit this form along with any samples to Dr. Jim Bogart (with permission) at the University of Guelph; 519-824-4120 (extension 58728). Copies of this form (including forms containing negative observations) must also be submitted to the authorizing MNRF District Office along with the ESA permit and WSCA report.

SECTION A - TO BE FILLED OUT BY THE COLLECTOR
Search Result (circle one): Positive Negative
PROJECT TITLE:Highway 401/6
CONTACT INFORMATION:
Name of observer(s):
PROPERTY INFORMATION:
Site name: Pond ID: Pool - 22
Property Address: 18 Calfass Rd CON 7 Rour PT LOT 30
UTM Coordinates (NAD83): <u>\$70772</u> E <u>4810416</u> N (NOT Lat, Long) (Do not record UTM of each minnow trap, only one coordinate per pond or road location is required)
Land Ownership: ☑Public □Private □Both
LANDOWNER INFORMATION:
Name: MTO (10 Property Section Mailing Address:

SAMPLING INFORMATION:
Date(s) of sampling: 30 /03 / 2020 (dd/mm/yyyy)
Survey Type (circle one):
Minnow Trap Cover Board Road Pitfall Trap Visual Incidental
Sample Type (circle all that apply):
Tail Tip Roadkill Larvae Egg Mass Visual Observation
Search Effort (time spent, number of minnow traps etc.):
12 hrs, 5 trups set
of salamanders observed: Zero
Number of Samples Taken:
of adult tail tips: # mortalities: # of larvae:
of larvae tail tips: # roadkills:
HABITAT INFORMATION:
HABITAT IN ONWATION.
Average Pond Depth (m):
Pond Description:
Terrestrial Vegetation Community Type:
Other amphibians observed or heard:
Egg Attachment Sites Present: □Yes □No □Unknown
Suitable Hydroperiod for Breeding: ☐Yes ☐No ☐Unknown
Photos Taken: Photos Taken:
SECTION B - TO BE FILLED OUT BY DR. BOGART
Car years of the second state of the second st
Date samples received:(dd/mm/yyyy)
Condition of samples received:
JPB #(s):



Maps (Please ensure road names and UTM coordinates are clearly visible)

