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.

Search Result (circle one):	Positive	Negative
PROJECT TITLE:Highway 401/	/6	
CONTACT INFORMATION:		
Name of observer(s): <u>Johann</u> Affiliation: <u>AEcom</u>	Perz	/ Andrew Aberdein
Mailing Address: AECOM Canada Ltd.	,105 Comme	erce Valley Drive West, 7th Floor, Markham, ON L3T 7W3,
CanadaPhone Number: 905.886.7022 Email	SIX THE CONTRACT OF THE	
PROPERTY INFORMATION:		
Site name: Po60		Pond ID: Pool - 11
Property Address: Con 7 Front	Pt Lot	T 26 PT LOT 27 SUBI to Hydro Row 6912-
		1810914 N (NOT Lat, Long)
(Do not record UTM of each minnow	trap, only on	ne coordinate per pond or road location is required)
Land Ownership: □Public □Pri	ivate □E	Both
Name: h Ferroro Inc. Mailing Address:		undber Properties LTD.
Last undated: January 2016		Page 1

Last updated: January 2016

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

Page 2

SAMPLING INFORMATION:
Date(s) of sampling: 19/03/2020 to 19/03/2020 (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.):
5 trups set for 12 hours
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:
Terrestrial Vegetation Community Type: See Vieu'ous
Other amphibians observed or heard:
Egg Attachment Sites Present:
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):



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



Instructions:

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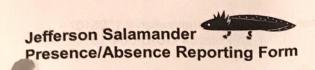
SECTION A - TO BE FILLED OUT BY THE COLLECTOR
Search Result (circle one): Positive Negative
PROJECT TITLE:Highway 401/6
CONTACT INFORMATION:
Name of observer(s): Nathan De Carlo, Alex MacLead Affiliation: AECOM
Mailing Address: AECOM Canada Ltd.,105 Commerce Valley Drive West, 7th Floor, Markham, ON L3T 7W3,
Canada
Phone Number: 705.797.3283 Email: julie.ellis@aecom.com
PROPERTY INFORMATION:
Site name: Pond ID: Pool - II
Site name.
Property Address: Con 7 Front PT Lot 26 PT Lot 27 sub to Hydro ROW 6912 - 8104
Property Address: Con 7 Front PT Lot 26 PT Lot 27 sub to Hydro KOW 6912 - 8104 UTM Coordinates (NAD83): 569562 E 4810914 N (NOT Lat, Long)
Property Address: Con 7 Front PT Lot 26 PT Lot 27 sub to Hydro KOW 6912 - 8104 UTM Coordinates (NAD83): 569562 E 4810914 N (NOT Lat, Long)
Property Address: Con 7 Front PT Lot 26 PT Lot 27 sub to Hydro KOW 6912 - 8104
Property Address: Con 7 Front PT Lot 26 PT Lot 27 Such to High ROW 6912 - 8104 UTM Coordinates (NAD83): 569562 E 4810914 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
Property Address: Con 7 Front PT Lot 26 PT Lot 27 Such to High ROW 6912 - 8104 UTM Coordinates (NAD83): 569562 E 4810914 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
Property Address: Con 7 Front PT Lot 26 PT Lot 27 Sub to Hydro KOW 6912 - 8109 UTM Coordinates (NAD83): Sc9562 E 4810914 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

SAMPLING INFORMATION:
Date(s) of sampling: 28/03/2626 = 29/03/2626 (dd/mm/yyyy)
Survey Type (circle one): (dd/mm/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.):
6 Minnow traps, Set for 12 hours
of salamanders observed: 13
Number of Samples Taken:
of adult tail tips: # mortalities: # of larvae:
of larvae tail tips: # roadkills:
HABITAT INFORMATION:
Average Pond Depth (m): 0.75m
Pond Description: Shrubs living fend several surtable attachant
sifes pasent
Terrestrial Vegetation Community Type: FOD5-1 / CU(3
Other amphibians observed or heard: NA
Egg Attachment Sites Present: ☑Yes □No □Unknown
Suitable Hydroperiod for Breeding: Yes No Unknown
Photos Taken: DYes DNo Photo #: IMG_7512 - DM67524
IMC-7547-IMG-7573, IMG5606-IMG-561
SECTION B – TO BE FILLED OUT BY DR. BOGART
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)





Instructions:

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	eavigl to #
	SECTION A - TO BE FILLED OUT BY THE COLLECTOR
	Search Result (circle one): Negative Negative
	PROJECT TITLE:Highway 401/6
	CONTACT INFORMATION:
	Name of observer(s): Nathan De Carlo, David Duan Affiliation: AFCOM ON 197 7W3
	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: Pool - II
	Site name: 1060
	Property Address: Con 7 Front PT Lot 26 PT Lot 27 Sub to Hydro ROW (6912 - 810)
	LITA Coordinates (NAD83): 569652 E 4810914 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: L. Ferraro Inc. C/o Lambda Properties Ltd. Mailing Address: 300 Don Park Rd Unit 9 Markham ON L3R 3A1
1	Mailing Address: 300 Don Park Rd Unit 9 Markham Ch ZSK SHI
1	
	Last updated: January 2016 Page 1

SAMPLING INFORMATION:
Date(s) of sampling: 29/03/ 2020 — 30/03/2020 (dd/mm/yyyy)
Survey Type (circle one): (dd/mm/yyyy)
Minnow Trap Cover Board Board Burning
Sample Type (circle all that apply):
Tail Tip Poodkill
Search Effort (time spent, number of minnow traps etc.):
6 minos traps set to 12 hours
of salamanders observed: (17)
Number of Samples Taken:
of adult tail tips: (8)
mortalities: # of larvae: # of larvae:
HABITAT INFORMATION:
Average Pond Depth (m): 0.75 m
Pond Description: Shrubs ling and Several suitable attachment
Shes present, 10
Terrestrial Vegetation Community Type: FOBS-1/Cuf3
Other amphibians observed or heard:
Egg Attachment Sites Present:
Suitable Hydroperiod for Breeding: Yes No Unknown
Photos Taken: Photo #: \[\lambda \tag{7605} \]
IMG_7635 - IMG_7658
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)



Page 1

Instructions:

Last updated: January 2016

- You must complete a separate form for each pond sampled.
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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 PROJECT TITLE: Highway 401/6 **CONTACT INFORMATION:** Name of observer(s): Andrew Aberdein+Johanna Perz Affiliation: Mailing Address: AECOM Canada Ltd., 105 Commerce Valley Drive West, 7th Floor, Markham, ON L3T 7W3, Phone Number: 705.797.3283 Email: julie.ellis@aecom.com PROPERTY INFORMATION: Pond ID: Parl - 12 Site name: _____ Property Address: PO60 UTM Coordinates (NAD83): 43.44704 E -80.13920 N (NOT Lat, Long) (**Do not** record UTM of each minnow trap, only one coordinate per pond or road location is required) ⊠Public □Private □Both Land Ownership: LANDOWNER INFORMATION: Name: MTO Property Section Mailing Address:

SAMPLING INFORMATION:	
Date(s) of sampling: 12/05/2020-13/63/2020	(dd/mm/yyyy)
Survey Type (circle one):	
Minnow Trap Cover Board Road Pitfall Trap Visual Incid	ental
Sample Type (circle all that apply):	
Tail Tip Roadkill Larvae Egg Mass Visual Observation	
Search Effort (time spent, number of minnow traps etc.):	
12 hours x 4 traps	
# of salamanders observed:	
Number of Samples Taken:	\
# of adult tail tips: # mortalities: # of la	rvae: 🔍
# of larvae tail tips: # roadkills:	
HABITAT INFORMATION:	
Average Pond Depth (m): 0.3	34
Pond Description: open marsons around western edge of	pool only;
traps deployed adjacent to trees in pool in mondy	lebris at bases
Terrestrial Vegetation Community Type: FOD 5-1	
Other amphibians observed or heard: Now	
Egg Attachment Sites Present:	
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):	



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



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

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

SECTION A - TO BE FILLED OUT BY THE COLLE	ECTOR
Search Result (circle one): Positive	Vegative
PROJECT TITLE:Highway 401/6	a ferz + Adam McClelland
CONTACT INFORMATION:	
Name of observer(s):	
Affiliation: <u>AECOM</u>	
Mailing Address: AECOM Canada Ltd.,105 Commerce Va	alley Drive West, 7th Floor, Markham, ON L3T 7W3,
Canada	
Phone Number: 705.797.3283 Email: julie.ellis@aecom.cc	<u>om</u>
PROPERTY INFORMATION:	
Site name:	Pond ID: <u>Pool - 12</u>
Property Address:	
UTM Coordinates (NAD83):	N (NOT Lat, Long)
(Do not record UTM of each minnow trap, only one coor	dinate per pond or road location is required)
Land Ownership: □Public □Private □Both	
LANDOWNER INFORMATION: Name: MTO PROPERTY SECTIONS NAME: MTO PROPERTY SE	ticn
Mailing Address:	
Last updated: January 2016	Page 1

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

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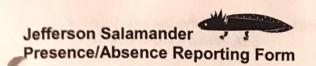
SAMPLING INFORMATION:			100101001	26	(dd/mm/yyyy)
Date(s) of sampling:	10312	070	-14/05/200		(dd//////////////////////////////////
Survey Type (circle one):				املحمادا	
Minnow Trap Cover Boa	ard Roa	ad I	Pitfall Trap Visua	l Incidental	
Sample Type (circle all that apply):					
Tail Tip Roadkill Larva			Visual Observati	on	
Search Effort (time spent, number of	of minnow みんのひ	traps e	etc.): deployed/re	trieved a	7:45 pm/A
# of salamanders observed:			(,		
Number of Samples Taken:				`	
# of adult tail tips:		# mor	talities: 📐	# of larvae: 🛆	<u>) </u>
# of larvae tail tips: 😿		# road	lkills: 🗶		
Average Pond Depth (m): Pond Description:					
Terrestrial Vegetation Community Ty	ne.				
Other amphibians observed or heard					
Egg Attachment Sites Present:			□Unknown		
Suitable Hydroperiod for Breeding:			□Unknown		
Photos Taken:	□Yes		Photo #:		
SECTION B — TO BE FILLED OUT	BY DR.	BOG	ART		
Date samples received:					_ (dd/mm/yyyy)
Condition of samples received:					
PB #(s):					



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



Page 1



Last updated: January 2016

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SAMPLING INFORMATION:
Date(s) of sampling: 28/03/2020 — 29/03/2020 (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.):
8 traps, set for 12 hows
of salamanders observed: 10
Number of Samples Taken:
of adult tail tips: # mortalities: # of larvae:
of larvae tail tips: # roadkills: # roadkills:
HABITAT INFORMATION:
Average Pond Depth (m): 0.75m
Pond Description: Pond on edge of FODS-1 & Agricultural Greld, Several
Suitable attachent sites present
Terrestrial Vegetation Community Type: FOD 5-1
Other amphibians observed or heard: Wood Frog (1)
Egg Attachment Sites Present:
Suitable Hydroperiod for Breeding: Yes No Unknown
Photos Taken: Yes No Photo #: 1MG_7525 - IMG_7545
IMG-5618-IMG-5634
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)



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

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): Affiliation: Nother Decarlo, David Dunn AECOM
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: Poco Pond ID: Pool - 12
Property Address: Can 7 Front PTLot 26 PTLot 27 sub to Hydro KOW 6912-8107
LITM Coordinates (NAD83): 569564 E 4810902 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: L. Ferraro Inc. 010 Lambda Properties Ltd. Mailing Address: 300 an Park Rd Va. +9 Markhan ON LSR SAI

SAMPLING INFORMATION:
Date(s) of sampling: $\frac{29/63/2020 - \frac{30}{63/2020}}{(dd/mm/yyyy)}$
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.):
6 minrow traps, set for 12 hours
of salamanders observed: (4)
Number of Samples Taken:
of adult tail tips: # mortalities: # of larvae:
of larvae tail tips: # roadkills:
HABITAT INFORMATION:
Average Pond Depth (m): 0.75m
Pond Description: ford on edge of FOD 5-1 & agreenthral Light
Scierali attachment sites plesent
Terrestrial Vegetation Community Type: FOD 5-1
Other amphibians observed or heard:
Egg Attachment Sites Present:
Suitable Hydroperiod for Breeding: Yes No Unknown Photos Taken: Yes No Photo #: M 6 7606 - IM 7621,
JM6_7660 - IM6_7671
SECTION B - TO BE FILLED OUT BY DR. BOGART
Date samples received:(dd/mm/yyyy)
Condition of samples received:(dd/film/yyyy)
JPB #(s):
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Maps (Please ensure road names and UTM coordinates are clearly visible)



Page 1

Instructions:

Last updated: January 2016

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

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): Andrew Minielly
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: Pond ID: <u>Pool12</u>
Site name: Po65 Pond ID: Pool12 Property Address: Can 7 Front PT Lot 26 PT Lot 27 Sub to Hydrology 67(2-8)
UTM Coordinates (NAD83): 569653 E 481090 N (NOT Lat, Long)
(Do not record UTM of each minnow trap, only one coordinate per pond or road location is required)
(20 1101)
Land Ownership: □Public □Private □Both
Land Ownership: □Public □Private □Both
Land Ownership: □Public □Private □Both LANDOWNER INFORMATION:

Last updated: January 2016

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

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SAMPLING INFORMATION:
Date(s) of sampling: 67/04/2020 (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.):
8 trues Set for 12 hrs
of salamanders observed: 4 Four (1 was previously clipped)
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 completed
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: Photo #: 063831 to 670716
SECTION B - TO BE FILLED OUT BY DR. BOGART
(dd/mm/mm)
Date samples received:(dd/mm/yyyy)
Condition of samples received:
JPB #(s):



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



Page 1

Instructions:

Last updated: January 2016

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- Pond nomenclature must be consistent for all maps and reports.
- All conditions as per the WSCA and ESA permits must be followed.

	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): Andrew Abardem + Johanna Perz 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: Pw - 15
	Property Address: P062
	UTM Coordinates (NAD83): 43.44832 E -80.13703 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: Hydro One Networks Inc Mailing Address: 7342 Well Road #34, R. R. #3, Guelph, Ontalio NIH 649

SAMPLING INFORMATION:
Date(s) of sampling:
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 Lours x 6 traps
of salamanders observed:
Number of Samples Taken:
of adult tail tips: # mortalities: # of larvae:
of adult tail tips: # mortalities: # of larvae: # of larvae: # roadkills:
HABITAT INFORMATION:
Average Pond Depth (m): 0.5
Pond Description: noen marging around western edge of pool; must trops
ne payed along wedgels promorth, + one south
Terrestrial Vegetation Community Type: Sub3-4
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):



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



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

Instructions:

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- 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.

Search Result (circle on	e): Positive	(Negative	
PROJECT TITLE:	Highway 401/6		
CONTACT INFORMATI			٨
Name of observer(s):			, 7th Floor, Markham, ON L3T 7W3,
Phone Number: 705.797.	3283 Email: julie.ellis@ae	ecom.com	
PROPERTY INFORMATI	ON:		
Site name:		>	Pond ID: Pb01-15
UTM Coordinates (NAD83	B):E		(NQT Lat, Long) d or road location is required)
Land Ownership: □Pub			2 or road roadion is required)
LANDOWNER INFORMA Name: Mailing Address:	to Prope	My Sec	tron
Last updated: January 2016			Page 1



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SAMPLING INFORMATION:			
Date(s) of sampling: \(\sqrt{8/03/2}	202	0-1	9/03/2020 (dd/mm/yyyy
Survey Type (circle one):			(
Minnow Trap Cover Board	Roa	ad I	Pitfall Trap Visual Incidental
Sample Type (circle all that apply):			
Tail Tip Roadkill Larvae	Egg	Mass	Visual Observation
Search Effort (time spent, number of mil	nnow	traps e	etc.):
- b traps x 12 hour	1	dea	oved retrieved @ 8.15 AM/PM
# of salamanders observed:			
Number of Samples Taken:			.
# of adult tail tips:		# mor	talities: # of larvae:
# of larvae tail tips:		# road	lkills: 💆
HABITAT INFORMATION:			
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:	Yes	□No	Photo #:
SECTION B — TO BE FILLED OUT BY	DR.	. BOG	ART
Date samples received:			(dd/mm/yyyy)
Condition of samples received:			
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

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- 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.

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): Kusey Makenzie / Duvid Dunn Affiliation: AECOM
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:
TROI ENT IN ORMATION.
Site name: Po62 Pond ID: Pool-15
Site name: Pond ID: <u>Pool-15</u>
Site name: Po62 Pond ID: Poot 15 Property Address: Hydro One Roul
Site name: Pond ID: Pool IS Property Address: Hydro One Row N (NOT Lat, Long)
Site name:Pond ID: Pool-15 Property Address:Hydno One Ro UTM Coordinates (NAD83):
Site name:
Site name:
Site name:

Last updated: January 2016

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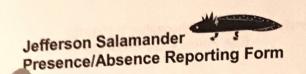
SAMPLING INFORMATION:
Date(s) of sampling: $\frac{18}{\sqrt{3}}$ $\frac{12020}{2020}$ $\frac{19}{\sqrt{3}}$ $\frac{12020}{2020}$ (dd/mm/yyyy)
Survey Type (circle one):
Minnow Trap Cover Board Road Pitfall Trap Visual Incidental
Sample Type (circle all that apply):
Tail Tip Roadkill Larvae Egg Mass Visual Observation
Search Effort (time spent, number of minnow traps etc.):
4 traps set for 12 hours
of salamanders observed: 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:
Terrestrial Vegetation Community Type: See _ previous S
Other amphibians observed or heard:
Egg Attachment Sites Present:
Suitable Hydroperiod for Breeding:
Photos Taken: Photo #: 082031 to 082305
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)



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.

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): Nathan Delasto, David Runa
Affiliation: AECOM
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:
Property Address: Mycho One RON Alether Creek Swamp / Gelph
UTM Coordinates (NAD83): 569 833 E 4810956 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: Hydro One Networks Inc.
Mailing Address:
Last updated: January 2016

SAMPLING INFORMATION:
Date(s) of sampling: 29/03/2020 - 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.):
6 minnow traps Set for 12 hours
of salamanders observed: 3
Number of Samples Taken:
of adult tail tips: # mortalities: # of larvae:
of larvae tail tips: # roadkills:
HABITAT INFORMATION:
Average Pond Depth (m): 0.25m
Pond Description: 0AO Surranded by SWO3-4. Localed within
agricultural field.
Terrestrial Vegetation Community Type: SW03-4
Other amphibians observed or heard:
Egg Attachment Sites Present:
Suitable Hydroperiod for Breeding:
Photos Taken: Yes No Photo #: IMG_7632 - IMG7634
IMG_ 7672 = JMC 7678
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)



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.

Search Result (circle one): Positive Negative
PROJECT TITLE:Highway 401/6
CONTACT INFORMATION:
Name of observer(s): David Dan Andre Minietly Affiliation: 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: <u>Po 62</u> Pond ID: <u>Pool - 15</u>
Property Address: Hydro One Row Fletcher creek Swamp/Guelph
UTM Coordinates (NAD83): <u>56 9833</u> E <u>48 6 95 6</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: Hydro One Networks Inc.
Name: Hydro One Networks Inc. Mailing Address:

SAMPLING INFORMATION:
Date(s) of sampling: $07/04/2020$ to $08/04/2020$ (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.):
12 hrs - 6 traps set
of salamanders observed: 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:
Terrestrial Vegetation Community Type:
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):



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.

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 / Kasey Make Affiliation: AECOM	nzie
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: P063 Property Address: CON 7 Front PT lot 28 TGTHY	_ Pond ID: _ <u>POOL-16</u>
Property Address: CON 7 Front PT lot 28 TGTHY	R DROU
UTM Coordinates (NAD83): <u>\$ 70005</u> E <u>48 1 6 752</u> N (NO	OT Lat, Long)
(Do not record UTM of each minnow trap, only one coordinate per pond or	
Land Ownership: □Public □Private □Both	
LANDOWNER INFORMATION:	
Name: Hydro One Networks Inc. Mailing Address:	
Mailing Address:	
Last updated: January 2016	Page 1

Last updated: January 2016

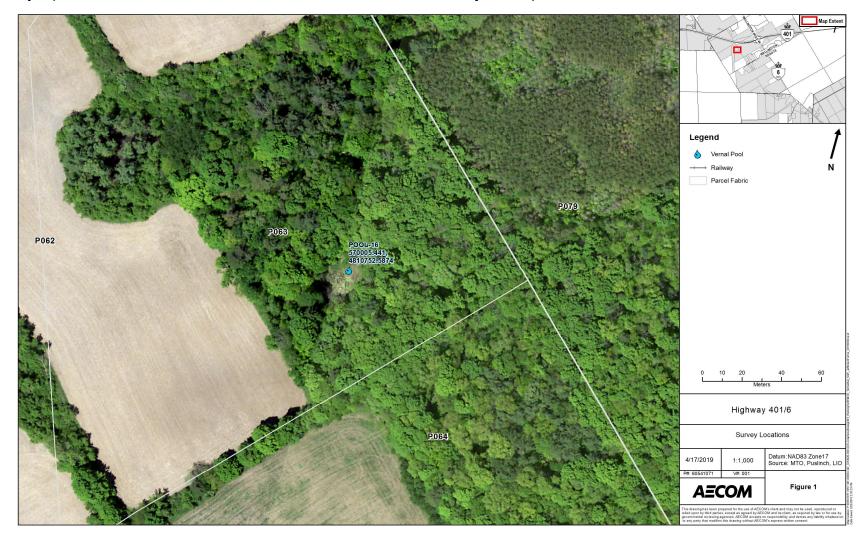
Wildlife Scientific Collector's Authorization # 1095107 ESA Permit # GU-B-004-18

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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):					
Tail Tip Roadkill Larvae Egg Mass Visual Observation					
Search Effort (time spent, number of minnow traps etc.):					
Six traps for 12 hours					
# of salamanders observed:					
Number of Samples Taken:					
# of adult tail tips: Ø # mortalities: Ø # of larvae:					
# of adult tail tips: # mortalities: # of larvae: # of larvae: # of larvae					
HABITAT INFORMATION:					
Average Pond Depth (m):					
Pond Description: <u>Vernal pool within decidences forest dominated</u> by sugar maple and beach					
by sugar maple and beech					
Terrestrial Vegetation Community Type: FOD					
Other amphibians observed or heard: None					
Egg Attachment Sites Present: □Yes □No □Unknown					
Suitable Hydroperiod for Breeding: ☐Yes ☐No ☐Unknown					
Photos Taken: Photo #: 083714 to 084306					
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:

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- Each form must be completed in its entirety (including permit numbers).
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 - 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.

SECTION A - TO BE FILLED OUT B	Y THE CO	DLLECTOR
Search Result (circle one):	ositive	Negative
PROJECT TITLE:Highway 401/6_		
CONTACT INFORMATION:	<u> </u>	, Kasey makenare.
Name of observer(s):	EMS	, deser i con
Affiliation: Mailing Address: AECOM Canada Ltd.,105	5 Commerce	e Valley Drive West, 7 th Floor,Markham, ON L3T 7W3,
Canada Phone Number: 705.797.3283 Email: julie		
PROPERTY INFORMATION: Site name: POOL - 16		Pond ID:
Property Address:	only one c	N (NOT Lat, Long) coordinate per pond or road location is required)
Land Ownership: Public Private LANDOWNER INFORMATION: Name: Property Name: Property	sect	1 On
Name:		
		Page 1
Last updated: January 2016		



SAMPLING INFORMATION:
Date(s) of sampling: Warch 18-19, 202 (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.):
6 trops x D heavs
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:
Egg Attachment Sites Present: □Yes □No □Unknown
Suitable Hydroperiod for Breeding: 🖙 🗆 No 🗆 Unknown
Photos Taken:
Thotal Falletti
SECTION B - TO BE FILLED OUT BY DR. BOGART
Date samples received:(dd/mm/yyyy)
Condition of samples received:
JPB #(s):