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:		and a standard	and monthly and the
Name of observer(s): <u>Mathan</u> Affiliation: Mailing Address: AECOM Canada Ltd Canada	,105 Commerc	e Valley Drive West, 7th Floor,	Markham, ON L3T 7W3,
Phone Number: 705.797.3283 Email	: julie.ellis@aeco	m.com	
PROPERTY INFORMATION:			
Site name: 1080a		Pon	d ID: Pool-22
Property Address: 18 Calfass	Road Con	7 lear Pt. 1+30	NA NO OT A BANK IN
UTM Coordinates (NAD83): 57076	6 E	4810415 N (NOT 1 -	
(Do not record UTM of each minnow	trap, only one	coordinate per pond or road	location is required)
	ivate Bot		quired)
LANDOWNER INFORMATION: Name:MTO / George Mailing Address:	Ochryn		

Last updated: January 2016

SAMPLING INFORMATION:
Date(s) of sampling: 08/04/2020 - 09/04/2026 (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 minnow traps, set for 12 hours
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): 0.5m
Pond Description: pond situated within mixed Forest
Terrestrial Vegetation Community Type:F0M2-Z
Other amphibians observed or heard: Spring people's heard.
Egg Attachment Sites Present: Ves INo Unknown
Suitable Hydroperiod for Breeding:
Photos Taken: Photos Taken:

SECTION B - TO BE FILLED OUT BY DR. BOGART

Date samples received:	(dd/mm/yyyy)
Condition of samples received:	
JPB #(s):	





Instructions:

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SECTION A - TO BE FILLED OUT BY THE COLLECTOR

Search Result (circle o	ne): Positive	Negative	
PROJECT TITLE:	_Highway 401/6		
CONTACT INFORMAT	ΓΙΟΝ:		
Affiliation: Mailing Address: AECC Canada	<u>Tom Stlorney, KR</u> <u>AEcom</u> DM Canada Ltd.,105 Commer 07.3283 Email: julie.ellis@aec	rce Valley Drive West, 7 th Fl) (oor,Markham, ON L3T 7W3,
PROPERTY INFORM	ATION:		
Site name: Pop Property Address: Rod	/POB1 10-12 culters Rd. CON : 31 - 7374 culters R	> Ker PT LOT 30	Pond ID: <u>Paol 23</u>
UTM Coordinates (NAI (Do not record UTM of	D83): <u>\$ 706 74</u> E f each minnow trap, only one	4 310 356 N (NOT	
Land Ownership:	Public ⊠∕Private □Bo	oth	
LANDOWNER INFOR	MATION:		
Name: Polo - Geo	inge ochrym	Pu 81 - Micheel	Andlinde
	0		

Jefferson Salamander **Presence/Absence Reporting Form**

SAMPLING INFORMATION:	
Date(s) of sampling: <u>ルタノoろ/2o2の</u>	(dd/mm/yyyy)
Survey Type (circle one):	
Minnow Trap Cover Board Road Pitfall Tra	ap Visual Incidental
Sample Type (circle all that apply):	
Tail Tip Roadkill Larvae Egg Mass Visua	I Observation
Search Effort (time spent, number of minnow traps etc.):	
12 hrs - 6 trops set	
# of salamanders observed: Ø	und Gran Street processing provide the second strengthere and the second st
Number of Samples Taken:	FRAM period only a set of betternoise od out a law
# of adult tail tips: # mortalities:	# of larvae:
# of larvae tail tips: # roadkills:	
HABITAT INFORMATION:	
Average Pond Depth (m):	(OAR CT TTT, E:M()
Pond Description:	
7	
Terrestrial Vegetation Community Type:	
Other amphibians observed or heard: None	- 10
Egg Attachment Sites Present: ⊡Yes □No □Unk	nown
Suitable Hydroperiod for Breeding: ☐Yes □No □Unk	
Photos Taken: ⊠Yes □No Photo	#: 192808 - 193402

Date samples received:	(dd/mm/yyyy)
Condition of samples received:	
JPB #(s):	







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):
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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): Johann Perz, Adam McElelland Affiliation: <u>AEcom</u>
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: Po80 / Po30c Pond ID: Pool - 2-3
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 See previous
LANDOWNER INFORMATION?
Name:
Mailing Address:

Last updated: January 2016

Page 1

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Jefferson Salamander	-	~	ţ	
Presence/Absence Rep	poi	rtir	ng l	Form

SAMPLING INFORMATION:

Date(s) of sampling: 19/03/2020 to 20/03/2020 (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.):
3 trups set for 12 hows
of salamanders observed: 3 (1 clipped in previous year)
Number of Samples Taken:
of adult tail tips: # mortalities: # of larvae:
of larvae tail tips: # roadkills:
HABITAT INFORMATION:
Average Pond Depth (m):
Pond Description:
See previous
Terrestrial Vegetation Community Type:
Other amphibians observed or heard: None
Egg Attachment Sites Present: DYes DNo DUnknown
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):	•	





Instructions:

- You must complete a separate form for each pond sampled.
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SECTION A - TO BE FILLED OUT BY THE COLLECTOR

Search Result (circle o	ne): Positive	Negative	
PROJECT TITLE:	_Highway 401/6		
CONTACT INFORMAT	ΓΙΟΝ:		
Affiliation:	TOM SHORNEY, K AECOM DM Canada Ltd., 105 Comme		Jt th Floor,Markham, ON L3T 7W3,
Canada			
Phone Number: 705.79	7.3283 Email: julie.ellis@ae	<u>com.com</u>	
PROPERTY INFORM	ATION:		
Site name:	P081 0- 18 (alfess Rel. CON) 1 - 7374 (alfess Rel	Rear PTLOT30 Pustinch ON	Pond ID: <u>Pool 23</u>
	D83): <u>576674</u> E Feach minnow trap, only on		IOT Lat, Long) or road location is required)
Land Ownership:	Public Private DB	oth	
LANDOWNER INFOR Name: <u>Poto - Ca</u> Mailing Address:		081-7 Micheal	Andrade

Jefferson Salamander	0	**	ţ.	
Presence/Absence Rep	ро	rtir	ng	Form

SAMPLING INFORMATION:			
Date(s) of sampling: 30/03/2	010		(dd/mm/yyyy)
Survey Type (circle one):			
Minnow Trap Cover Board	Road Pitfall Tr	ap Visual Incider	ntal
Sample Type (circle all that apply):			
Tail Tip Roadkill Larvae	Egg Mass Visua	al Observation	
Search Effort (time spent, number of m	innow traps etc.):		
12 hrs - 6 trups Set	0		
	Zero	C TO O Selember (1951)	
Number of Samples Taken:		o the authorizing MNRE	of bedamous of calls 200
# of adult tail tips: 💋	# mortalities: # roadkills:	# of larv	rae:
# of larvae tail tips:	# roadkills:	D man caus	
HABITAT INFORMATION: Average Pond Depth (m): Pond Description:		2	ROJECT ITTLE
Terrestrial Vegetation Community Type	e:		
Other amphibians observed or heard:_	None		NACONTRACTOR OF MAN
		known	
Suitable Hydroperiod for Breeding:		known	
Photos Taken:	⊡Yes □No Photo	0#:191332 to	192404
C. Milesoft			02100
SECTION B - TO BE FILLED OUT	BY DR. BOGART		
Date samples received:			(dd/mm/yyyy)

JPB #(s):_____

Condition of samples received:_





Instructions:

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SECTION A – TO BE FILLED OUT BY THE COLLECTOR

Jefferson Salamander	•
Presence/Absence Reporting Form	n

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SAMPLING INFORMATION:	
Date(s) of sampling: 13/03/1020 (dd/mm	ı/yyyy)
Survey Type (circle one):	
Minnow Trap Cover Board Road Pitfall Trap Visual Incidental	114
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 - 3 trups set	
# of salamanders observed: 2 zero	1.08.1
Number of Samples Taken:	
# of adult tail tips: # mortalities: # of larvae:	
# of larvae tail tips: # roadkills:	
HABITAT INFORMATION:	
Average Pond Depth (m): <u><i>D</i>.5</u> <i>m</i>	
Pond Description: Shellow pond with lots of Cathuils and reed	13.76466
Pond Description: Shellow pond with lots of Cattuils and reed	
Terrestrial Vegetation Community Type: MAM2, SWD, SWT, For	
Other amphibians observed or heard: None	-
Egg Attachment Sites Present: EYes DNo DUnknown	
Suitable Hydroperiod for Breeding:	
Photos Taken: Photos Taken: Photos Taken: Photos #:	
ELE PRIMERON .	123145.000
SECTION B - TO BE FILLED OUT BY DR. BOGART	
Date samples received:(dd/mm/	/уууу)
Condition of samples received:	

JPB #(s):__





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Jefferson Salamander	3.3	
Presence/Absence Rep	oorting Form	

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): Julie Elis Alex Macleod
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:
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: DPublic DPrivate DBoth
Name: MTO Dropeny Section
Name:MTO properly sections
Mailing Address:
Page 1

Last updated: January 2016

erson Salamander Wildlife Scientific Collector's Authorization ESA Permit # GU-B-C	# 1095107)04-18
	mm/yyyy)
Date(s) of sampling: <u>April 7-8, 202</u> (dd/	
Survey Typ e (eircle one): Minnow Trap Cover Board Road Pitfall Trap Visual Incidental	
Sample Type (sircle all that apply): Tail Tip) Roadkill Larvae Egg Mass Visual Observation	
Search Effort (time spent, number of minnow traps etc.): $A + TOB \times I2 hCUIS$	
# 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:	
Ferrestrial Vegetation Community Type:	
Other amphibians observed or heard:	
Egg Attachment Sites Present: □Ves □No □Unknown	
Suitable Hydroperiod for Breeding:	
Photos Taken:	
SECTION B – TO BE FILLED OUT BY DR. BOGART	
Date samples received:(dd/m	m/yyyy)
Condition of samples received:	
PB #(s):	
Last updated: January 2016 Page 2	and the second
Last updated: January 2016 Page 2	

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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): TOM SHORNEY OLGA HROBACH Affiliation:
Canada
Phone Number: 705.797.3283 Email: julie.ellis@aecom.com
PROPERTY INFORMATION:
Site name: Pog4a Pond ID: Pool 27
Site name: <u>Poz4a</u> Property Address: <u>Culfass kd Puslinch ON</u>
LOTION R TO BE PREED OUT SY UNCHOUND
Property Address: Calfass Rd. Puslinch ON
Property Address: <u>Calfass Rd. Puslinch ON</u> UTM Coordinates (NAD83): <u>S76743</u> E <u>480909</u> N (NOT Lat, Long)
Property Address: <u>(alfass kit Puslinch ON</u> UTM Coordinates (NAD83): <u>576743</u> E <u>480909</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:
Property Address: <u>Calfass & Puslinch ON</u> UTM Coordinates (NAD83): <u>S76743</u> E <u>480909</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

Jefferson Salamander	<u> </u>	**	ş	
Presence/Absence Rep	por	tir	ng	Form

SAMPLING INFORMATION:		
Date(s) of sampling: 13/03/	2020	(dd/mm/yyyy)
Survey Type (circle one):		
Minnow Trap Cover Board	d Road Pitfall Trap Visual Ind	cidental
Sample Type (circle all that apply):		
Tail Tip Roadkill Larvae	Egg Mass Visual Observation	
Search Effort (time spent, number of	minnow traps etc.):	
4 trps 12-hour	s -27,	
# of salamanders observed:	one (previously clipped)	18 ⁻ 0.8 ⁻ 0.0 ⁻ 0.0 ⁻ 0.0 ⁻ 0.0 ⁻ 0.0 ⁻⁰ .8 ⁻⁰ .0 ⁻⁰ .0 ⁻⁰ .8 ⁻⁰ .0 ⁻⁰ .0 ⁻⁰ .8 ⁻⁰ .0 ⁻⁰
Number of Samples Taken:	authonizing MNRF District Office archg w	most also be submitted to the
# of adult tail tips: 💋	# mortalities: 🖉 # of	larvae:
# of larvae tail tips: _Ø	# roadkills: 🧷 🥖	UJIR 33 OT - A VOITO S
HABITAT INFORMATION:	-> Salamander appeared letha under leaf lifter besile. Cortingency plan. Staff raturn however the salamant	the pond as ver AEcom
Average Pond Depth (m): <u>~/m</u>	Contingency plan. Start & return however the salamander	utos some when the next che
Pond Description: Pond directly	adjuent to calless ke	. Herranden og handen
Small SUTZ commu	nity	U
Terrestrial Vegetation Community Ty	pe: Auriculture, FOM2-2 ac	ross street
Other amphibians observed or heard	<u>No</u>	is an encours press
Egg Attachment Sites Present:	⊠Yes □No □Unknown	
Suitable Hydroperiod for Breeding:	⊡Ýes □No □Unknown	
Photos Taken:	⊡Yes □No Photo #:	

SECTION B - TO BE FILLED OUT BY DR. BOGART

Date samples received:	(dd/mm/yyyy)
Condition of samples received:	
JPB #(s):	Brue tels s Giscardo i service e service e service e







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Instructions:

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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.

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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): Johanna Perz and Adam McClelland
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: 10:101-27
Property Address:
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: Name: MTO Properly Sectury
Mailing Address:

Last updated: January 2016

Page 1



SAMPLING INFORMATION:					
Date(s) of sampling:	12070-	201031200	6		(dd/mm/yyyy)
Survey Type (circle one):	2		•		_(22,,)))))
Minnow Trap Cover Boar	rd Road	Pitfall Trap	Visual	Incidental	
Sample Type (circle all that apply):					
Tail Tip Roadkill Larva	e Egg M	ass Visual Ob	servation		
Search Effort (time spent, number of $4 + 7\alpha\rho x + 12$	minnow tra	ps etc.):		d @ 4:20	pm/pm)
# of salamanders observed:		. (
Number of Samples Taken:					
# of adult tail tips: $\underline{\bigcirc}$	#	mortalities: $\underline{\bullet}$		# of larvae: 🖄	_
# of larvae tail tips:	#	roadkills: $\underline{\mathbb{Q}}$	-3		_
HABITAT INFORMATION:					
Average Pond Depth (m):					
Pond Description:					
Terrestrial Vegetation Community Typ	be:(
Other amphibians observed or heard:					
Egg Attachment Sites Present:	⊡Yes □I	No DUnknown			
Suitable Hydroperiod for Breeding:	@Yes □I	lo DUnknown			
Photos Taken:					

SECTION B - TO BE FILLED OUT BY DR. BOGART

Date samples received:	(dd/mm/yyyy)
Condition of samples received:	
JPB #(s):	





Instructions:

- You must complete a separate form for each pond sampled.
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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): Tom Shoren, Kristen Grittani 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: <u>P084</u> Pond ID: <u>Pool-27</u>
Site name: <u>POB4</u> Property Address: <u>Calfess Rd. Puslinch</u> ON
Property Address: <u>Calfess Rd.</u> Puslinch ON
CODON B - LO SE FLEED OUT OF LW DOGART
Property Address: <u>Calfess Rd.</u> Puslinch ON UTM Coordinates (NAD83): <u>570652.74</u> E 4 <u>810359.08</u> N (NOT Lat, Long)
Property Address: <u>Calfess Rd. Puslinch ON</u> UTM Coordinates (NAD83): <u>570652.74</u> E 4 <u>810359.08</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:
Property Address: <u>Calfess Rd. Puslinch ON</u> UTM Coordinates (NAD83): <u>570652.74</u> E 4 <u>810359.08</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

Jefferson Salamander **Presence/Absence Reporting Form**

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

SAMPLING INFORMATION:
Date(s) of sampling: $\frac{29/03/1020}{(dd/mm/yyyy)}$
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 hour Survey - 4 Minnow traps
of salamanders observed: 1 One
Number of Samples Taken:
of adult tail tips: # mortalities: # of larvae:
of larvae tail tips: # roadkills: # roadkills:
HABITAT INFORMATION:
Average Pond Depth (m): <u>- 70</u>
Pond Description: Shallow Marsh / Ditch on the Side of
g gravel road. Active Sedimentation occurring W Pond.
Terrestrial Vegetation Community Type:
Other amphibians observed or heard: Leopard frog Captured in Same traf
Egg Attachment Sites Present: Yes No Unknown
Suitable Hydroperiod for Breeding:
Photos Taken: Yes No Photo #: 194916 - 195025
ROPERTY INFORMATION:
SECTION B - TO BE FILLED OUT BY DR. BOGART

Date samples received:	(dd/mm/yyyy)
Condition of samples received:	
JPB #(s):	





Instructions:

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- 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	e): Positive	Negative	
	lighway 401/6		and the Party of the second second
	ON:		
Name of observer(s): Affiliation: Mailing Address: AECOM Canada Phone Number: 705.797.	l Canada Ltd.,105 Comm	erce Valley Drive West,	, 7 th Floor,Markham, ON 🐱T 7W3,
PROPERTY INFORMAT	ION:		
			and the second
Site name: Pogu	х	ERACUALT COLOC	Pond ID:_ <u>Pool-27</u>
Site name: <u>Post</u> Property Address: <u>(a</u>			Pond ID: <u>Pool-27</u>
Property Address: UTM Coordinates (NAD& (Do not record UTM of e	1 fess Rd. Pusline 3): <u>570743</u> E ach minnow trap, only o	h_CNNN Bo <i>9_R9</i> N ne coordinate per pon	
Property Address:	1 fess Rd. Pusline 3): <u>570743</u> E ach minnow trap, only o	4 ON 430989 N	(NOT Lat, Long)

Jefferson Salamander	•	*	č.	
Presence/Absence Rep				

SAMPLING INFORMATION:			
Date(s) of sampling:	3/2020	and dama and second second	(dd/mm/yyyy)
Survey Type (circle one):			
Minnow Trap Cover Board	d Road Pit	tfall Trap Visual	Incidental
Sample Type (circle all that apply):			
Tail Tip Roadkill Larvae	e Egg Mass	Visual Observation	
Search Effort (time spent, number of	minnow traps etc	c.):	
12 hours - 4 traps se	4		
# of salamanders observed:	Zero	e se nave se se segura Garaia e el tota forenci	of the second and a second sec
Number of Samples Taken:		Participation of the second se	must also be submitted to the coll
# of adult tail tips: _Ø	# morta	alities: \cancel{D}	# of larvae: 🖉
# of larvae tail tips: 💋	# roadk	kills: <u>Ø</u>	
HABITAT INFORMATION:			
Average Pond Depth (m):			
Pond Description:		~	NONAMBORK TOATHOU
			ALL TANKY LODGE TO BETTER
Terrestrial Vegetation Community Ty			in the second second
Other amphibians observed or heard	: None	Contestination and	Contractor and the second
Egg Attachment Sites Present:	¤Yes □No	□Unknown	
Suitable Hydroperiod for Breeding:		□Unknown	
Photos Taken:	⊠Yes □No	Photo #: 193458	-193930
SECTION B - TO BE FILLED OU	F BY DR. BOGA	ART	
Date samples received:			(dd/mm/yyyy)

Date samples received:		(dd/mm/yyyy)
Condition of samples received:	and the second s	
JPB #(s):	of the memory side from the state of the	





Jefferson Salamander **Presence/Absence Reporting Form**

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.
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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 Negative
PROJECT TITLE:Highway 401/6
CONTACT INFORMATION:
Name of observer(s): Julie Ellis / Alex Malleod 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: Posta Pond ID: Pool 27
Property Address: Calfass Rd. Pusph ON
UTM Coordinates (NAD83): <u>520743</u> E <u>4709999</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 40 propuly Section
Mailing Address:

Last updated: January 2016

Page 1

Jefferson Salamander		
Presence/Absence Rej	porting Form	

14

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.):
4 trups set for 12 hours
4 trups set for 12 hours # of salamanders observed: 2 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:
See previous
Terrestrial Vegetation Community Type:
Other amphibians observed or heard:
Egg Attachment Sites Present: DYes DNo DUnknown
Suitable Hydroperiod for Breeding:
Photos Taken: □Yes □No Photo #: 5783 +0 5790

SECTION B - TO BE FILLED OUT BY DR. BOGART

Date samples received:	(dd/mm/yyyy)
Condition of samples received:	7
JPB #(s):	





Instructions:

- You must complete a separate form for each pond sampled.
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SECTION A – TO BE FILLED OUT BY THE COLLECTOR

Search Result (circle o	ne): Positive	Negative	
PROJECT TITLE:	_Highway 401/6		
CONTACT INFORMAT	ΓΙΟΝ:		
Affiliation: Mailing Address: AECC Canada	AECOM AECOM OM Canada Ltd.,105 Comm 7.3283 Email: julie.ellis@a	erce Valley Drive West, 7 th	Floor,Markham, ON L3T 7W3,
PROPERTY INFORM	ATION:		
Site name:			Pond ID: <u>Pool-28</u>
	337 Culfass Rd.	Puslinch Con 7 PT	Lots 31 and 32
Property Address: <u>7</u> UTM Coordinates (NAI		4 808235 N (NC)T Lat, Long)
Property Address: <u>7</u> UTM Coordinates (NAI	<u>337 Galfass Rd.</u> D83): <u>S71223</u> E feach minnow trap, only o	4 808235 N (NC)T Lat, Long)

Jefferson Salamander	
Presence/Absence Reporting Form	

SAMPLING INFORMATION:
Date(s) of sampling:3/03/2020 (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 - 6 trups set
of salamanders observed: 8 2000
Number of Samples Taken:
of adult tail tips: # mortalities: # of larvae:
of larvae tail tips: # roadkills:
HABITAT INFORMATION:
Average Pond Depth (m): <u>~12</u> m
Pond Description: Dond Surrounded by Small tree row and agricultural field.
Terrestrial Vegetation Community Type: <u>Acyrical Field</u>
Other amphibians observed or heard: None
Egg Attachment Sites Present:
Suitable Hydroperiod for Breeding:
Photos Taken:
NOTERET WEREAMATION
SECTION B – TO BE FILLED OUT BY DR. BOGART
Date samples received:(dd/mm/yyyy)
Condition of samples received:
JPB #(s):







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): Johanne Perz Adam McClelland Affiliation: AEcom
Affiliation: <u>AECOM</u>
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>Pool-28</u>
Site name: Pond ID: <u>Pool-28</u> Property Address: See previous forms
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:
Name:
Mailing Address:

Last updated: January 2016

Page 1

ferson Salamander	► Wildlife Scientific Collector's Authorization # 1095107 ESA Permit # GU-B-004-18
SAMPLING INFORMATION:	
Date(s) of sampling: 19/03	12020 to 20/03/2020 (dd/mm/yyyy
Survey Type (circle one):	
Minnow Trap Cover Board	a Road Pitfall Trap Visual Incidental
Sample Type (circle all that apply):	
Tail Tip Roadkill Larvae	e Egg Mass Visual Observation
Search Effort (time spent, number of	
6 traps set for	Three Three
# of salamanders observed: 3	Three
Number of Samples Taken:	
# of adult tail tips:	# mortalities: Ø # of larvae:
# of larvae tail tips:	# roadkills:
HABITAT INFORMATION:	
Average Pond Depth (m):	
Pond Description:	
	Sec previo-
Terrestrial Vegetation Community Ty	be: forms
Other amphibians observed or heard:	None
Egg Attachment Sites Present:	DYes □No ØUnknown
Suitable Hydroperiod for Breeding:	□Yes □No □Unknown
Photos Taken:	Bres DNo Photo #: 072407 40 073706
	istânt fink, then this page is not counted towards your hit- instan

Date samples received:______(dd/mm/yyyy)
Condition of samples received:_______
JPB #(s):______

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Last updated: January 2016

Page 2





Instructions:

- You must complete a separate form for each pond sampled.
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SECTION A - TO BE FILLED OUT BY THE COLLECTOR

arch Result (circle one): Positive Negative
COJECT TITLE:Highway 401/6
illiation: <u>AEcom</u> AEcom AECOM Canada Ltd.,105 Commerce Valley Drive West, 7 th Floor, Markham, ON L3T 7W3, nada
one Number: 705.797.3283 Email: julie.ellis@aecom.com
ROPERTY INFORMATION:
e name:P086Pond ID:P001-278
pperty Address: <u>7337</u> (alfess Rd. Puslish (on 2Pt hots 31 al 32
LE DON B 10/BR PULED C 27 UK. BURARD C
operty Address: Calfess Rd. Puslish (on 2Pt hots 31 al 32
operty Address: <u>7337</u> (alfess Rd. Puslinh (on 2Pt hots 31 al 32 M Coordinates (NAD83): <u>571293</u> E <u>48 09885</u> N (NOT Lat, Long)

Jefferson Salamander	
Presence/Absence Reporting Form	

SAMPLING INFORMATION:	
Date(s) of sampling: 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.):	
12 hrs - 6 trups set	
# of salamanders observed: <u>8 _ Zero</u>	19. <u>324</u>
Number of Samples Taken:	1
# of adult tail tips: # mortalities: # of larvae:	<u>×</u>
# of larvae tail tips: # roadkills:	
HABITAT INFORMATION:	4
Average Pond Depth (m):	
Pond Description:	OBC TOUTO
	ay to so to a r isi
Terrestrial Vegetation Community Type:	- p
Other amphibians observed or heard: <u>None</u>	setting and so
Egg Attachment Sites Present:	
Suitable Hydroperiod for Breeding:	Cost marks among the
Photos Taken: ☐Yes □No Photo #: 184225 - 185858	>
SECTION B – TO BE FILLED OUT BY DR. BOGART	tinan etia
Date samples received:	(dd/mm/yyyy)

Condition of samples received:_

JPB #(s):__





Instructions:

- You must complete a separate form for each pond sampled.
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SECTION A - TO BE FILLED OUT BY THE COLLECTOR

Search Result (circle or	ne): Positi	ve Negative	\geq	
PROJECT TITLE:	_Highway 401/6			
CONTACT INFORMAT	ION:			
Name of observer(s): Affiliation: Mailing Address: AECC	AECOM		serund) (7385	larkham, ON L3T 7W3,
Canada				
Phone Number: 705.79	7.3283 Email: julie.el	is@aecom.com		
	TION:		*	
Site name: Poge	>	DEADON	Pond	ID: Pool-23
Property Address: 73	337 alfass Rd.	Pustinh (0)	2 PT Lints	31 al 32
			1 1 1000	
UTM Coordinates (NAI (Do not record UTM of	083): <u>571283</u>	E 480928	5N (NOT Lat,	Long)
UTM Coordinates (NAI (Do not record UTM of	083): <u>571283</u>	E 480928	5N (NOT Lat,	Long)
UTM Coordinates (NAI (Do not record UTM of	083): <u>571293</u> each minnow trap, o Public @Private	E <u>436998</u> nly one coordinate	5N (NOT Lat,	Long)
UTM Coordinates (NAL (Do not record UTM of Land Ownership:	083): <u>571293</u> each minnow trap, o Public @Private MATION:	E <u>436928</u> nly one coordinate □Both	SN (NOT Lat, per pond or road le	Long)

Jefferson Salamander	
Presence/Absence Reporting Form	

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 - 6 traps set	
# of salamanders observed: Zero	LO DE LA LA CRUS
Number of Samples Taken:	hui ed oale heu
# of adult tail tips: # mortalities: # of larvae:	*
# of larvae tail tips: 🥢 🛛 # roadkills: 🖉 🖉 🕬 🕬 🖓	
HABITAT INFORMATION:	
Average Pond Depth (m):	
Pond Description:	OMTACT BUTC
	THE DECK OF STREET
Terrestrial Vegetation Community Type:	
Other amphibians observed or heard: Mone	CONTRACTOR DATE
Egg Attachment Sites Present: 편Yes DNo DUnknown	
Suitable Hydroperiod for Breeding:	
Photos Taken: ⊠Yes □No Photo #: <u>183135 - 184250</u>	
DEGMATION.	SALLING AD A
SECTION B - TO BE FILLED OUT BY DR. BOGART	
Date samples received:	(dd/mm/yyyy)
Condition of samples received:	

JPB #(s):__