

STANDARD CONDITIONS FOR SCIENTIFIC COLLECTING AND EDUCATION PERMITS (ORC 1533.08 AND 1533.09)

The standard conditions listed below apply to all permit holders unless otherwise stated on an issued permit. The standard conditions below are in addition to the provisions listed on the permit. Failure to comply with the conditions of the permit may result in the suspension or termination of your permit. If you need an amendment to your permit, or have questions regarding these conditions, contact the Division of Wildlife, Permit Coordinator at (614) 265-6439 or by email at: melissa.moser@dnr.state.oh.us. Please allow a minimum of two weeks for amendments.

1. Twenty-four hours prior to all scientific collection activities or stream collection, the permit holder must contact the local wildlife officer to advise the location and duration of sampling. Messages are acceptable.
2. Traps and nets must be checked and all animals removed each calendar day.
3. Traps and nets must bear a durable waterproof tag bearing the name and address of the user in English letters, legible at all times.
4. Biosecurity measures must be taken at all times to minimize the potential transmission of diseases of wild animals held in captivity and/or exposure to humans.
5. All cages or enclosures must prevent ingress or egress of wild animals, have appropriate food and water, maintain appropriate temperature and provide protection from the weather. Enclosures must allow the animal to maintain species-specific and/or taxa specific seasonal and biological functions (e.g. bats hibernating).
6. Unless otherwise approved by the Chief (or their representative), wild animals held in captivity over 30 days may not be released to the wild.
7. When collecting or sampling you and any sub-permittees must carry a copy of your permit and present to any officer upon request.
8. Unnamed persons may only conduct permitted activities under direct, on-site supervision of a named permittee or sub-permittee.
9. Collection on all Department of Natural Resources properties is prohibited without authorization from the appropriate landholding division.
10. Collection is prohibited in the Killbuck, Big Darby, Little Darby, tributaries to and east branch of the Chagrin River above I-90, Fish Creek (Williams County) and Division of Wildlife property without explicit written permission from the Division of Wildlife. Sampling is further restricted in streams that may have federally listed mussels. See Appendix A of the Ohio Mussel Survey Protocol (April 2014 @ <http://wildlife.ohiodnr.gov/licenses-and-permits/specialty-licenses-permits>) for locations of federally listed mussels.
11. The collection and possession of state endangered and threatened species is prohibited without prior approval from the Chief.
12. The possession of Aquatic Nuisance Species (ANS) for educational or scientific purposes is prohibited without authorization from the Chief.

13. A migratory bird permit issued by the United States Fish and Wildlife Service may be required for all persons collecting or in possession of migratory birds, their nests, or eggs.
14. All voucher specimens must be ascensioned to the Cleveland Museum of Natural History, The OSU Museum of Biological Diversity or Cincinnati Museum of Natural History unless otherwise noted.
15. Unless otherwise provided, all specimens must be released at the point of capture.
16. Contact the Division of Wildlife if undocumented aquatic invasive species or new locations for state-listed species are discovered. Contact John Navarro at (614) 265-6346 or john.navarro@dnr.state.oh.us with information.
17. When sampling on public properties or over water, non-toxic shot shall be used.
18. All Starlings, house sparrows and aquatic nuisance species collected for laboratory use must be euthanized upon completion of project.
19. Animals held under a Division of Wildlife permit may not be taken out-of-state and returned.

ADDITIONAL INFORMATION

Information on the housing/husbandry of wild animals can be found on the Association of Zoos and Aquariums website: www.aza.org

Bat specific housing/care information:

- "Bats in Captivity" by Susan M. Barnard (1995). The book is available at www.basicallybats.org.
- USDA Care/Housing/Behavior handout: <http://www.nal.usda.gov/awic/pubs/bats/care.htm>

White-nose syndrome decontamination protocol:

<http://www.fws.gov/midwest/endangered/mammals/BatDisinfectionProtocol.html>

Migratory Bird Permits:

- U.S. Fish and Wildlife Service: (612) 713-5343
<http://www.fws.gov/migratorybirds/mbpermits.html>

Bird Banding:

- U.S. Geological Survey: http://www.pwrc.usgs.gov/bbl/homepage/gen_info.cfm



ODNR – Division of Wildlife Wildlife Diversity Database

While working under a Division of Wildlife Scientific Collection permit, you are required to record all specimens observed using the Wildlife Diversity Database Excel spreadsheet whether they are vouchered or identified and immediately released. The spreadsheet may be downloaded from our website at <http://wildlife.ohiodnr.gov/licenses-and-permits/specialty-licenses-permits> or may be requested from the Permit Coordinator (see below for contact info). The instructions below can also be viewed by moving the cursor over the red **GUIDANCE** cell (B3) in the associated Excel spreadsheet.

1. **On first use**, copy and rename this Excel spreadsheet file to your hard drive. Include the **permit holder's last name and permit number** in the file name (ex. "Smith_11-032.xls"). Keep the original Excel file as a template in case you exceed 10,000 records, necessitating a second copy.
2. **Blue fields are required info**; gray fields are desired info, but not required; the **dark green** columns should not be changed. **Species names must be Latin, not common names, with NO abbreviations.** **Latitude and longitude** should be in **decimal degrees** (e.g., 39.24873, -82.16459).
3. Put information about **unidentified collections and lots** in a written report. **Do not** include in this spreadsheet. Put records for specimens **identified to the family (or higher) level** in a written report. **Do not** include in this spreadsheet. **Only include records in this spreadsheet for specimens identified to the genus (*Ambystoma* sp.) or species (genus plus specific epithet; *Lepomis macrochirus*) levels.**
4. Use drop-down lists where provided (ex. storage method, collection method, county); use the categories furnished in the drop-down menus, do not make up your own. If you think something new should be added to the drop-down lists, please contact the Division of Wildlife with your suggestion.
5. Large text fields (e.g., Location, Comment) are formatted with "word-wrap", so just keep typing up to 250 characters.
6. For the **Ecoregions** column, a hyperlink to a **PDF map** is provided. **Note: 61a.** Erie Lake Plain has been revised by USEPA to **83a**.
7. Repetitive information can be copied and pasted.
8. An example has been provided on row 6 and is shaded in light green.
9. If you don't have data for a given field, don't put anything there.

BAT PERMIT HOLDERS: Please enter bat data into the Bat Diversity Database rather than the standard Wildlife Diversity Database. Instructions and the Excel spreadsheet are in the Bat Diversity Database folder on the enclosed cd. If an Indiana bat or signs of white nose syndrome are discovered, please contact Wildlife Research Biologist Jennifer Norris within 24 hours. She may be reached at 614-265-6349 or by cell at 419-602-3141. Contact Ms. Norris with any questions pertaining to bat data.

When you have finished entering all of your records for the year, please email to melissa.moser@dnr.state.oh.us or burn the renamed Excel file on a CD, label the new CD with the permit holder name, permit number, and date, and mail to:

Melissa Moser, Permit Coordinator
ODNR-Division of Wildlife
2045 Morse Road, Building G
Columbus, Ohio 43229-6693

THANKS FOR YOUR COOPERATION!

Wildlife Officers by County

ADAMS	Markus Schemmel II (937) 372-5639 x5205
ALLEN	Craig Barr (419) 429-8379
ASHLAND	Brian Banbury (330) 245-3044
ASHTABULA	Jason Hadsell (330) 245-3036
ATHENS	Dan Perko (740) 589-9980
AUGLAIZE	Matthew Hoehn (937) 372-5639 x5218
BELMONT	Brian Baker (740) 589-9981
BROWN	Eric Lamb (937) 372-5639 x5220
BUTLER	Aaron Ireland (937) 372-5639 x5207
CARROLL	Dan Shroyer (330) 245-3048
CHAMPAIGN	Jeffrey Tipton (614) 644-3929 x1201
CLARK	Byron Rice (937) 372-5639 x5212
CLERMONT	Augustus Kiebel (937) 372-5639 x5209
CLINTON	Matthew Roberts (937) 372-5639 x5206
COLUMBIANA	Scott Angelo (330) 245-3039
COSHOCTON	Jerrold Allison (740) 589-9982
CRAWFORD	Jason Parr (419) 429-8380
CUYAHOGA	Jesse Janosik (330) 245-3033
DARKE	Jeff Wenning (937) 372-5639 x5208
DEFIANCE	Matthew Smith (419) 429-8381
DELAWARE	Justus Nethero (614) 644-3929 x1225
ERIE	Kevin Good (419) 429-8382
FAIRFIELD	Tony Zerkle (614) 644-3929 x1203
FAYETTE	John Coffman (614) 644-3929 x1204
FRANKLIN	Brad Kiger (614) 644-3929 x1205
FULTON	Robert Wolfrum (419) 429-8383
GALLIA	Roy Rucker (740) 589-9983
GEAUGA	Scott Denamen (330) 245-3035

GREENE	Matthew Hunt (937) 372-5639 x5204
GUERNSEY	Roby Williams (740) 589-9984
HAMILTON	Ryan Schock (937) 372-5639 x5217
HANCOCK	Scott Sharpe (419) 429-8385
HARDIN	Ryan Kennedy (419) 429-8385
HARRISON	Nick Turner (330) 245-3049
HENRY	Troy Reimund (419) 429-8386
HIGHLAND	Jim Carnes (937) 372-5639 x5214
HOCKING	Chris Dodge (740) 589-9985
HOLMES	Jeremy Carter (330) 245-3045
HURON	Josh Zientek (419) 429-8387
JACKSON	Ted Witham (740) 589-9986
JEFFERSON	Craig Porter (330) 245-3050
KNOX	Mike Miller (614) 644-3929 x1206
LAKE	Jason Keller (330) 245-3034
LAWRENCE	Darin Abbott (740) 589-9987
LICKING	Chris Rice (614) 644-3929 x1207
LOGAN	Adam Smith (614) 644-3929 x1208
LORAIN	Randy White (330) 245-3032
LUCAS	Eric VonAlmen (419) 429-8388
MADISON	Matt Teders (614) 644-3929 x1209
MAHONING	Tom Frank (330) 245-3038
MARION	Chad Grote (614) 644-3929 x1210
MEDINA	Eric Moore (330) 245-3043
MEIGS	Chris Gilkey (740) 589-9988
MERCER	Ryan Garrison (937) 372-5639 x5210
MIAMI	Jasmine Grossnickle (937) 372-5639 x5215
MONROE	Wes Feldner (740) 589-9989
MONTGOMERY	Trent Weaver (937) 372-5639 x5211
MORGAN	Todd Stewart (740) 589-9990

MORROW	Vince Untied (614) 644-3929 x1211
MUSKINGUM	Jeffrey Berry (740) 589-9991
NOBLE	Brad St. Clair (740) 589-9992
OTTAWA	Reid Van Cleve (419) 429-8389
PAULDING	VACANT (419) 429-8390
PERRY	Eric Lane (740) 589-9993
PICKAWAY	Josh Elster (614) 644-3929 x1212
PIKE	Matt Van Cleve (740) 589-9994
PORTAGE	Barry Hennig (330) 245-3040
PREBLE	Brad Turner (937) 372-5639 x5219
PUTNAM	Jason Porinchok (419) 429-8391
RICHLAND	Gregory Wasilewski (419) 429-8392
ROSS	Bob Nelson (740) 589-9995
SANDUSKY	Brian Bury (419) 429-8393
SCIOTO	Matt Clark (740) 589-9996
SENECA	Matthew Leibengood (419) 429-8394
SHELBY	Tim Rourke (937) 372-5639 x5213
STARK	Mark Basinger (330) 245-3041
SUMMIT	Aaron Brown (330) 245-3042
TRUMBULL	Hollie Fluharty (330) 245-3037
TUSCARAWAS	Wade Dunlap (330) 245-3047
UNION	Josh Shields (614) 644-3929 x1213
VAN WERT	Brad Buening (419) 429-8395
VINTON	Jared Abele (740) 589-9997
WARREN	Rick Rogers (937) 372-5639 x5216
WASHINGTON	Eric Bear (740) 589-9998
WAYNE	Jason Warren (330) 245-3046
WILLIAMS	Thomas Kochert (419) 429-8396
WOOD	VACANT (419) 429-8397
WYANDOT	Brad Baaske (419) 429-8398

APPENDIX F –DATA SHEETS

APPENDIX B
PHASE 2 or 3 MIST-NETTING

Open 8:38
Close 1:38

Sample Data Sheets for Indiana Bat Surveys

Site No. 1		Project/Firm: FE - CARR AVE.				Date: 8-6-14			
Location: BLUE SITE WEST									
County: COVING		State: OH		Quad:		Quadrant:			
Lat/Long (DMS): N		W		Zone:		Surveyors: MILLER & CLARK			

#	Time	Species	Age	Sex	Repro. Cond.*	RFA (mm)	Mass (g)	Net/Ht	Guano/Hair	Wing Score	Band # Type	Moon Phase:	%
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
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25													
26													
27													
28													
29													
30													

Moon Phase:		Rise		Set	
Moon:					
Sun:					
Time	Temp	Sky	Wind	# Bats	
7:55	78.5	0	0		
12:00	66.8	0	0		
12:52	57.4	0	0		
1:38	65.7	0	0		
Avg					

Sky Code	
0	Clear
1	Few Clouds
2	Partly Cloudy
3	Cloudy or overcast
4	Smoke or fog
5	Drizzle or light rain
6	Thunderstorm

Beauford Wind Code	
0	Calm (0 mph)
1	Light wind (1-3 mph)
2	Light breeze (4-7 mph)
3	Gentle breeze (8-12 mph)
4	Moderate breeze (13-18 mph)

*Repro. Cond (Reproductive Condition): (P) pregnant; (L) lactating; (PL) post-lactating; (NR) non-reproductive; (TD) testes descended

Sample Data Sheets for Indiana Bat Surveys

Net Site Diagram		Dominant Vegetation				
		1				
		2				
		3				
		4				
		5				
		Net Site(s) by Habitat				
		Habitat	A	B	C	
		River				
		Stream				
		Pond				
		Road/Rut				
		Corridor				
		Cave/mine				
		Total				
		No. of Poles X Net length				
		A	=		X	
		B	=		X	
		C	=		X	
		D	=		X	
Other Species:						
Comments: <i>CLIPPED TWO-TRACK - 6 METER NETS</i>						

OPEN 8:37
CLOSE 1:37

[illegible]

*Repro. Cond (Reproductive Condition): (P) pregnant; (L) lactating; (PL) post-lactating; (NR) non-reproductive, (TD) testes descended

Sample Data Sheets for Indiana Bat Surveys

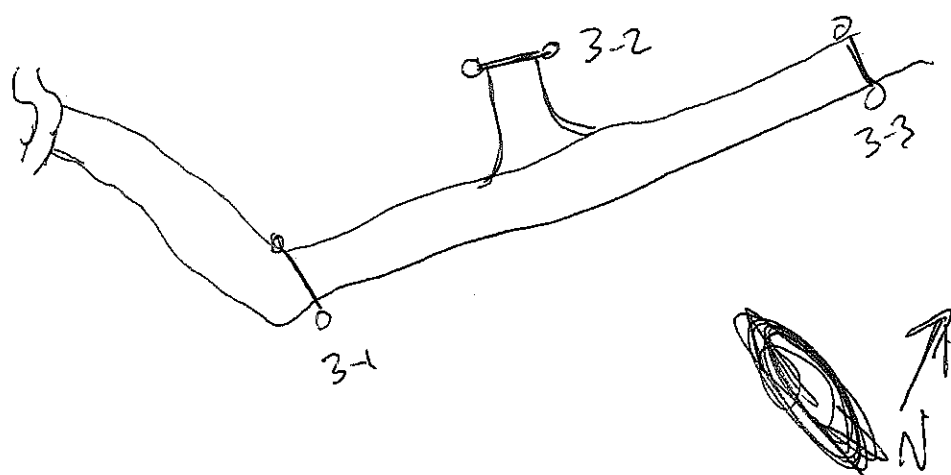
Net Site Diagram		Dominant Vegetation				
		1	MAPLE			
		2				
		3				
		4				
		5				
		Net Site(s) by Habitat				
		Habitat	A	B	C	
		River				
		Stream				
		Pond				
		Road/Rut				
		Corridor				
		Cave/mine				
		Total				
		No. of Poles X Net length				
		A	=		X	
		B	=		X	
		C	=		X	
		D	=		X	
Other Species:						
Comments:						

OPEN 0:36
CLOSE 1:36

[illegible]

*Repro. Cond (Reproductive Condition): (P) pregnant; (L) lactating; (PL) post-lactating; (NR) non-reproductive, (TD) testes descended

Sample Data Sheets for Indiana Bat Surveys

Net Site Diagram		Dominant Vegetation				
		1	MAPLE			
		2				
		3				
		4				
		5				
		Net Site(s) by Habitat				
		Habitat	A	B	C	
		River				
		Stream				
		Pond				
		Road Rut				
		Corridor				
		Cave/mine				
		Total				
		No. of Poles X Net length				
		A	=		X	
		B	=		X	
		C	=		X	
		D	=		X	
Other Species:						
Comments:						

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

3/6/2015 3:53:06 PM

in

Case No(s). 14-2162-EL-BSB

Summary: Application for Lake Avenue Substation (Part 11 of 11) electronically filed by Mr. Robert J Schmidt on behalf of American Transmission Systems Inc.