According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a per it displays a valid OMB control number. The valid OMB control number for this information collection i collection is estimated to average 2 hours per response, including the time for reviewing instructions, s needed, and completing and reviewing the collection of information.	OMB APPROVED 0579-0036 Exp.: 10/31/2018				
This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result and to be subject to penalties as provided for in Section 2150.	Fiscal Year 2011				
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. REGISTRATION NUMBER 34-R-0017				
	H FACILITY (Name, address, and ZIP Code)	telephone number as			
ANNUAL REPORT OF RESEARCH FACILITY	MICHIGAN STATE UNIVERSITY				
(TYPE OR PRINT)	OFFICE OF RESEARCH AND GRAD STUDIES				
	ADMINISTRATION BUILDING 426 AUDITORIUM ROAD, ROOM 232				
	EAST LANSING, MI 48824				
3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)					

FACILITY LOCATIONS (Sites)

(b)(7)(F)

	_	-	-		_
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress on these animals and the reasons such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (Cols. C + D + E
4. Dogs	0	159	64	0	223
5. Cats	0	63	41	0	104
6. Guinea Pigs	0	129	3	0	132
7. Hamsters	0	265	318	0	583
8. Rabbits	0	21	51	0	72
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	78	0	0	78
11. Pigs	0	0	67	0	67
12. Other Farm Animals	0	484	13	0	497
13. Other Animals	0	326	279	0	605

ASSURANCE STATEMENTS

Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following 1.) actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2.) Each principal investigator has considered alternatives to painful procedures.

This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected. 3.)

4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

> CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.)) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

(b)(6), (b)(7)(c)

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED

APHIS FORM 7023 JUL 2013

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.						OMB APPROVED 0579-0036	
This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist Interagency Report Control No. 0180-DOA-AN No. 0180-DOA-AN					Fiscal Year 2011		
UNITED ST	TATES DEPARTMENT	OF AGRICULTURE		1. REGISTRATIO 34-R-0017			
CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)				2. HEADQUARTERS RESEARCH FACILITY (Name, address, and telephone number as registered with USDA, include ZIP Code) MICHIGAN STATE UNIVERSITY OFFICE OF RESEARCH AND GRAD STUDIES ADMINISTRATION BUILDING 426 AUDITORIUM ROAD, ROOM 232 EAST LANSING, MI 48824			
REPORT OF ANIMALS US	ED BY OR UNDER CONTROL		(Attach addition	al sheets if necess	ary or use this fo	orm.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which ex teaching surgery, conducte accomp or distre animals which ap anesthel	h experiments, hing, research, ery, or tests were hucted involving mpanying pain stress to the lals and for h appropriate thetic, analgesic, or quilizing drugs were has not for has not for		of animals upon which teaching, nts, research, surgery, or tests ducted involving accompanying stress to the animals and for use of appropriate anesthetic, or tranquilizing drugs would have affected the procedures, results, teation of the teaching, research, nts, surgery, or tests. (An explana cedures producing pain or distres animals and the reasons such dru used must be attached to this rep	(Cols. C + D + E)
ARVICANTHIS	0	78	172		0		250
DEER	0	3	0		0		3
FERRET	0	1	0		0		1
HORSE	0	84	7		0		91
MINK	0	160		100		0	260
ASSURANCE STATEMENT	rs						

1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2.) Each principal investigator has considered alternatives to painful procedures.

- 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.



I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

