

Norrod, Candace

From: Fritz, Karin K
Sent: Friday, May 3, 2019 2:02 PM
To: 'Gladue, Paula S - APHIS'
Subject: RE: Update on TTU Revised Report
Attachments: TTU Final Report2.pdf

Hi Dr. Gladue,

Attached is the revised USDA annual report for Texas Tech University. The original copies are in the mail headed to the Ft. Collins location. Thanks so much for all of your help. Please do not hesitate to contact me if you need anything else.

Karin Fritz, M.S., CPIA

IACUC Coordinator/ACS Unit Manager

Experimental Sciences Building, Room 022A
Phone: (806) 834-6183 | Fax: (806) 742-4187
Box 43132 | Lubbock, TX 79409
www.depts.ttu.edu/iacuc/
karin.k.fritz@ttu.edu | iacuc@ttu.edu

From: Gladue, Paula S - APHIS <paula.s.gladue@usda.gov>
Sent: Tuesday, April 30, 2019 5:10 PM
To: Fritz, Karin K <Karin.K.Fritz@ttu.edu>
Subject: RE: Update on TTU Revised Report

Hi Karin,

Not a problem. Thanks for letting me know.

Paula

Paula S. Gladue, V.M.D.
USDA/APHIS/Animal Care
P.O. Box 117; Willimantic; CT 06226
Office (860) 423-6431

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From: Fritz, Karin K [<mailto:Karin.K.Fritz@ttu.edu>]
Sent: Tuesday, April 30, 2019 3:50 PM
To: Gladue, Paula S - APHIS <paula.s.gladue@usda.gov>
Subject: Update on TTU Revised Report

Hi Dr. Gladue,

I wanted to give you an update on our revised report. Our IO is out of the country until May 2nd. I hope to have the revised version signed by the IO and sent to you by Friday.

Thanks!

Karin Fritz, M.S., CPIA

IACUC Coordinator/ACS Unit Manager

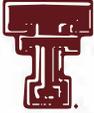
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TEXAS TECH UNIVERSITY
Office of the Vice President for Research
Animal Care Services

Institutional Animal Care and Use Committee

May 3, 2019

Dr. Robert M. Gibbens
Regional Director – Animal Care
USDA, APHIS, Animal Care Western Region
2150 Centre Ave., Building B
Mail Stop #3W11
Ft. Collins, CO 80526

Dear Dr. Gibbens:

Please find enclosed the revised APHIS Forms 7023 and 7023A for Texas Tech University (Certificate Number: 74-R-0108, Customer Number: 1480) for sites 002 & 006.

We received a memo from Dr. Paul Gladue dated 3/14/2019 stating that the category E swine was unclear. Dr. Gladue informed Karin in a phone conversation on 4/17/2019, since the procedure that categorized the protocol as an E was never conducted we needed to report these swine in the pain and distress category best suited. These animals are now being reported as a category D.

Sincerely,

A handwritten signature in black ink, appearing to read 'Joe Heppert'.

Joseph A. Heppert, Ph.D.
Institutional Official
Vice President for Research

This report is required by law (7 USC 2143) Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)	1. CERTIFICATE NO: 74-R-0108	FORM APPROVED OMB NO. 0579-0036
	CUSTOMER NO: 1480	
2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, includes Zip Code) TEXAS TECH UNIVERSITY ACS Box 43132 LUBBOCK, TX 79409 (808) 742-3853		
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)

See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary of use APHIS FORM 7023A)					
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 animal's 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 in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs		3,642	48		3,690
5. Cats		26	16		42
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			5		5
9. Non-Human Primates					
10. Sheep					
11. Pigs			6		6
12. Other Farm Animals Cattle			6		6
13. Other Animals					
Wild Mice		112	142		254
Wild Rats		176	20		196
ASSURANCE STATEMENTS					

- 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 the 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 provision 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 of Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)		
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL 	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Print) Dr. Joseph Heppert, Institutional Official	DATE SIGNED 31 Nov 19

APHIS FORM 7023
(AUG 91)

(Replaces VS FORM 18-23 (Oct. 88), which is obsolete)

PART 1 -- HEADQUARTERS

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)	1. REGISTRATION NO. 74-R-0108	FORM APPROVED OMBNO. 0570-0036
2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) TEXAS TECH UNIVERSITY ACS Box 43132 LUBBOCK, TX 79409 (806) 742-3853		

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use this form.)

A. Animals Covered By The Animal Welfare Regulations 12 B/OR 13. Other (List by species)	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 in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
Bats		2,730	51		2,781
Armadillos		1			1
Gophers			65		65
Squirrels		12	3		15
Raccoons		6	2		8
Badger		2			2
Deer		42	5		47
Opossum			12		12
Porcupines			2		2
Elk		11			11
Bobcat			1		1
Prongliorn		45			45
ASSURANCE STATEMENTS					

- 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 the 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 provision 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 of Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)		
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL 	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Dr. Joseph Heppert, Institutional Official	DATE SIGNED 31 May 19

Texas Tech University Animal Care Facilities

Animal Facilities housing, USDA regulated species, Site 001

Facility Name	Buildings	Location
Experimental Sciences	1	TTU Campus Lubbock, TX 79409
Animal & Food Sciences	1	TTU Campus Lubbock, TX 79409
New Deal Farm	9	12820 NCR 3000 Idalou, TX 79329
TIEHH	3	Reece Technology Center 1207 Gilbert Drive, Bld 555 Lubbock, TX 79409
Greenhouse	1	TTU Campus Lubbock, TX 79409
Grantham Lab	1	605 N Knoxville Ave, Lubbock, TX 79415

Animal Facilities housing, USDA regulated species, Site 006

Facility Name	Buildings	Location
Littlefield Deer	1	2070 HWY 54 Littlefield, TX 79339

Animal Facilities housing, Non-USDA regulated species

Facility Name	Buildings	Location
Meat Lab	1	TTU Campus Lubbock, TX 79409
Food Technology	1	TTU Campus Lubbock, TX 79409
TTEC EQ Center	3	5712 CR 1500 Lubbock, TX 79407
NRM Erskine	1	3701 Erskine Lubbock, TX 79415
TX Coop Fisheries Unit	1	TTU Campus Lubbock, TX 79409
Human Sciences	1	TTU Campus

		Lubbock TX 79409
Biology	1	TTU Campus Lubbock, TX 79409

Texas Tech University Animal Care Facilities

Site 001

Facility Name	Buildings	Space	Acreage
Experimental Sciences	1	5,446	0
Animal & Food Sciences	1	1,528	0
New Deal Farm	9	97,326	308.20
TIEHH	3	7,958	0
Greenhouse	1	3,511	0
Grantham Lab	1	1,600	0

Site 006

Facility Name	Buildings	Space	Acreage
Littlefield Deer	1	1,024	9.50

Non-USDA Covered Animals

Facility Name	Buildings	Space	Acreage
Human Sciences	1	4,880	0
Food Technology	1	630	0
TX Coop Fisheries Unit	1	4,298	0
Biology	1	5,147	0
NRM Erskine	1	4,435	0.09
Meat Lab	1	29,787	0
TTEC EO Center	3	134,853	38
Plant & Soil	0	0	103.20

Exemptions Approved by Texas Tech University's IACUC
Registration Number: 74-R-0108

- Protocol 17013-02: 6 Calves
 - Individually housed following surgery to minimize contamination and trauma to the incision site.

- Protocol 16074-08: 6 Swine
 - During consumption studies, pigs may need to be individually housed to monitor individual ethanol consumption. Individual consumption is the only way to know how much the pig is drinking and if our therapeutics have an affect on consumption. Pigs will be group housed anytime they can be (i.e. behavior studies).

Norrod, Candace

From: Brooks, Tiffanie
Sent: Thursday, October 31, 2019 10:06 AM
To: Todd Jackson
Cc: Fritz, Karin K
Subject: TTU PD Addendum
Attachments: biology greenhouse addendum final.pdf

Hi Dr. Jackson,

After the PD was due in August, an additional facility was added to our program. The facility is a greenhouse that houses one rodent control cat. I've attached information regarding this facility as an addendum. There on also a couple of missing HVAC numbers on page 310 of the PD. I should have those available for the program review. Please let me know if you need any additional information or have any questions. We are looking forward to the visit next week. Safe travels.

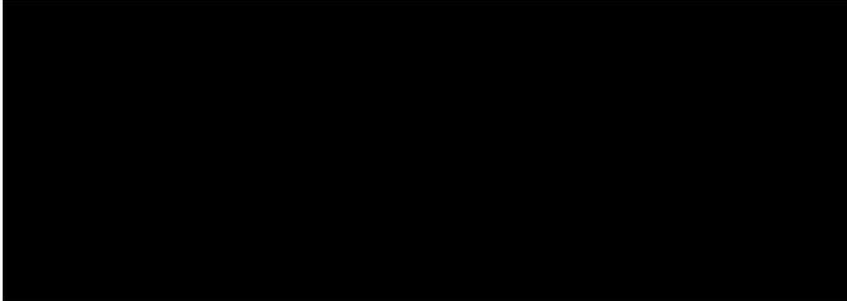
Tiffanie A. Brooks, DVM, DACLAM
Attending Veterinarian and Director/Instructor
Animal Care Services/Animal & Food Sciences
Texas Tech University
Experimental Sciences Building
Box 43132
Lubbock, TX 79409
806-834-8588
[REDACTED] (cell)

Biology Greenhouse

p.78 section c ii – Biology greenhouse should be added

p.84 section g ii – biology green house should be added

appendix 2 - add biology green house



Appendix 3 (attached picture of the line drawing)

Appendix 13 – Add biology greenhouse cat

- Dimensions of enclosure: Indoors: approximately 303ft x 56ft
- Maximum number of animals per enclosure: 3
- Document used to determine the institution's space standards: Guide

Enclosure composition & description: Metal. Greenhouse glass. Free roaming

Entire page 418.181

