See attached form for additional information. Interagency Report Control No.: -/5-05

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 87-F-0002 CUSTOMER NUMBER: 1211

FORM APPROVED OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY** (TYPE OR PRINT)

U. S. Army Dugway Proving Ground Life Sciences Division Cste-Dtc-Dp-Wd-L Dugway, UT 84022

Telephone: (435) -831-5173

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

#### FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, or essearch, or surgery but not ye used for such purposes.  D. Number of animals upon which teaching, experiments, teaching, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which experiments, research, or tests were conducted involving accompanying pain or distress to the animals and for which experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which appropriate accompanying pain or distress to the animals and for which experiments, research, surgery or tests were conducted involving accompanying pain or distress to the enimals and for which experiments, research, surgery or tests were conducted involving accompanying pain or distress to the enimals and for which experiments, research, surgery or tests were conducted involving accompanying pain or distress to the enimals and for which experiments, research, surgery or tests were conducted involving accompanying pain or distress to the enimals and for which experiments, teaching, research, surgery or tests were conducted involving accompanying pain or distress to the enimals and for which experiments, research, surgery or tests were conducted involving accompanying pain or distress to the enimals and for which experiments, research, surgery or tests were conducted involving accompanying pain or distress to the enimals and for which experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the enimals and for which experiments, research, surgery or tests were conducted involving accompanying pain or distress to the enimals and for which experiments, research, surgery or tests were conducted involving accompanying pain or distress to the enimals and for which experiments, research, surgery, or tests. (An explanation of the teaching, research, surgery or tests were conducted involving accompanying pain or dist		F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C+D+E)		
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Harnsters	,	•			
8. Rabbits					
9. Non-human Primates				·	
10. Sheep			·		
11. Pigs					
12. Other Farm Animals		•			
13. Other Animals					,
Nonregulated animal	S			·	,
Mice	102	12	57	28	97

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, 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 apr 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 in 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 r or Legally Responsible Institutional Official)	
SIGNATURE OF C	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
APHIS FORM 7023 ( AUG 91 )	RRECTED COPY	211000

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

1. REGISTRATION NO. 87-R-0003 CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

#### **ANNUAL REPORT OF RESEARCH FACILITY**

(TYPE OR PRINT)

include Zip Code)
BRIGHAM YOUNG UNIVERSITY

BRIGHAM YOUNG UNIVERSITY A-261, ASB PROVO, UT 84602-1231

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

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)

BRIGHAM YOUNG UNIVERSITY PROVO, UT 84602-1231

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or 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 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 ANIMAL: (Cols. C + D + E)
4. Dogs		5			5
5. Cats		6			6
6. Guinea Pigs		2			2
7. Hamsters					
8. Rabbits		11			11
9. Non-Human Primates					
10. Sheep					
11. Pigs		4			4
12. Other Farm Animals					
Goat		4			4
13. Other Animals					
Great Basin Pocket Mouse		6			6
Western Harvest Mouse		2			2
Ferret		1			1
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

	appear of animal care and acc.			
ı	CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		
(Chief Executive Officer or Legally Responsible Institutional official)				
ı	I certify that the	e above is true, correct, and complete (7 U.S.C. Section 2143)		
ı	SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED	
			11/01/2005	
3				

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 87-R-0003 CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

# CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 BRIGHAM YOUNG UNIVERSITY

A-261, ASB PROVO, UT 84602-1231

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	sary or use this form.)	
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 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)
Horse		2			2
Cattle		2			2
Camelid		4			4
Black Bears		21			21
Pygmy Rabbit			2		2
White-tailed Antelope Ground Squirrel		13			13
Long-tailed Pocket Mouse		9			9
Chisel-toothed Kangaroo Rat		98			98
Ord's Kangaroo Rat		343			343
Desert Woodrat		7			7
Northern Grasshopper Mouse		2			2
Little Pocket Mouse		32			32
Deer Mouse		123			123
		<u> </u>			
ASSURANCE STATEMENTS			<u> </u>		
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

aspects of animal care and use.					
CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL				
(Chief Executive Officer or 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)	DATE SIGNED			
		11/01/2005			

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

See attached form for additional information.

Interagency Report Control No.:

1. CERTIFICATE NUMBER: 87-R-0004

CUSTOMER NUMBER: 4

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

IHC Office of Research LDS Hospital 8th Ave & C Street Salt Lake City, UT 84143 Attention IACUC Chair

. 130

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER O	CONTROL OF RESEAR	CH FACILITY ( Attach additiona	I sheets if necessary or use APHIS Form 7023A )	T
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or teats were conducted involving no pain, distress, or use or 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 an for which appropriate anesthetic, analigesic, 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 wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report.)	OF ANIMALS  ( COLUMNS
4. Dogs	Ø	Ø	4	\$	4
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animais	ø	Ø	20-Rats	ø	20

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservables 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 apr 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 in 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.

		DQUARTERS RESEARCH FACILITY OFFICIAL or Legally Responsible Institutional Official )	
	solete.)	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
( AUG 91 )	solete.)		



# UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE (APHIS)



Instructions

Checklist

Submit Form 7023

### FY2005 APHIS FORM 7023 Submission

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 information. to be subject to penalties

as provided for in Section 2150.

See below for additional

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. Registration No:

87-R-0008 / 5

FORM APPROVED OMB NO. 0579-0036

2. Headquarters Research Facility (Name and Address, as registered with USDA, include Zip Code): WEBER STATE UNIVERSITY 1027 UNIVERSITY CIRCLE OGDEN, UT 84408

T: (801) 626-7619

3. Reporting Facility (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Please verify that all Sites are listed below. To list additional Sites, select the link below.)

# FACILITY LOCATIONS (sites) List Additional Sites

3a.WEBER STATE UNIVERSITY 3750 HARRISON BLVD. OGDEN, UT 84408-3001

3b.

Зс.

3d.

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY View Column Definitions

Α	В	С	D	E	F
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
					7 11 11 11

https://web01.aphis.usda.gov/AC/APHISACWeb2.nsf/AC/APHISACWeb2.nsf/Review/044E47ED...

Page 2 of 6

7. Hamsters	lo	 0	1	0		0		0
8. Rabbits	0	 0		0		0	!	0
9. Non-Human Primates	<b>`</b> 0	0		0		0		0
10. Sheep	0	0	:	0		0		0
11. Pigs	0	0	:	0		0		0
12. Other Farm Animals			Use /	APHIS I	Form 70	)23A		
13. Other Animals								

APHIS FORM (Replaces VS FORM 18-23 (OCT 88), which is obsolete) 7023 (AUG 91)

- Submit APHIS Form 7023
- Submit APHIS Form 7023 and Continue to APHIS Form 7023A

Submit

# **Back to Column Entry**

# REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY Column Definitions

## ColumnDefinition

- 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 for which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for

P. 02 Page 1 of 1



# UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE (APHIS)



Thank you for your Form 7023 Submission.

Return to Animal Care Homepage

Back

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PAGE 02/10

11-30-05

This report is required by lew (7 USC 2143). Failure to report according to the regulations can result in an order to casee and desist and to be subject to penalties as provided for in Section 21:

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See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 87-R-0013 CUSTOMER NUMBER: 1013

FORM APPROVED OMB NO. 0679-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

N P S Pharmaceuticals 383 Colorow Drive Salt Lake City, UT 84108

Telephone: (801) -883-2350

2. REPORTING FACILITY ( List all locations where entrals were housed or used in actual research, basting, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Siles) - See Atached Listing

Animels Covered By The Animel Welfare Regulations	leaching, tenting, experiments, or surgery, or lease were the use of appropriate enesthetic, analgesic, or transquill		F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS		
4. Dogs	0	0	0	0	0
5. Cata	0	()		0	0
6. Guinea Pigs	0	()	0	O	$\overline{}$
7. Hemsters	O	O	0	0	0
8. Rubbits	0	D	<u> </u>	0	0
9. Non-human Primates	0	0	0		
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0		
12. Other Farm Animals	0	0	Ĉ	0	0
13. Other Animals	O	_0	6	0	0
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of ensetsec, analyses, and tranquilizing drugs, prior to, during, and following account reaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered atternatives 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 ap institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is established to this annual report. In addition to identifying the IACUC-approved exceptions, this summary interests affected.

4)	The attending veterinarian for this research facility has appropriate sumptify to ensure the provision of adjocusts veterinary case and to oversoo the adjocusts of adjocusts veterinary case and to oversoo the adjocusts of adjocusts veterinary case.

_		A man able abstrate account to extens	to also becaused as anodrate assettingly care and to continue the mostfrieth of other	Aspects of entimet care and use.
		CERTIFICATION BY MEA ( Chief Executive Officer	DQUARTERS RESEARCH FACILITY OFFICIAL For Legelly Responsible Institutional Official )	
\$10	H		MAKER THE PERFER AND MAKER THE	DATE SIGNED
APH	(AUG 91 )	(		11/23/2005

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 87-R-0018

CUSTOMER NO. 1629

FORM APPROVED OMB NO. 0579-0036

### **ANNUAL REPORT OF RESEARCH FACILITY**

(TYPE OR PRINT)

sheets if necessary.)

include Zip Code) FRONTIER BIOMEDICAL, INC.

1785 NORTH 730 WEST LOGAN, UT 84321

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FRONTIER BIOMEDICAL, INC LOGAN, UT 84321	C.				
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	sary or 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 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)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			84		84
9. Non-Human Primates					
10. Sheep	19		74		74
11. Pigs	50		31		31
12. Other Farm Animals					
13. Other Animals					

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

FACILITY LOCATIONS(sites)

- 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 or 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)	DATE SIGNED				
		11/30/2005				

ASSURANCE STATEMENTS

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 215

See attached form for additional information.

Interagency Report Control No.: 5

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 87-R-0020 CUSTOMER NUMBER: 1831

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Utah Artificial Heart Inst. 803 North 300 West Salt Lake City, UT 84103

Telephone: (801) -323-1100

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )						
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or 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 an 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 wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report.)	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS	
4. Dogs						
5. Cats						
6. Guinea Pigs						
7. Hamsters						
8. Rabbits			14		14	
9. Non-human Primates						
10. Sheep	2		26		26	
11. Pigs	2		5		5	
12. Other Farm Animals						
Caives			24		24	
13. Other Animals						
444						

#### **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved 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 approximate (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in 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.

	HEADQUARTERS RESEARCH FACILITY OFFICIAL  officer or Legally Responsible Institutional Official)	
3 (OCT 88), which is obsolete.)	I NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

( AUG 91 )

See attached form for additional information.

FORM APPROVED

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 87-R-0021 CUSTOMER NUMBER: 20654

OMB NO. 0579-0036

EMC

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

**Utah Career College** 1902 West 7800 South West Jordan, UT 84088

Telephone: (801) -304-4224

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )						
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or 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 arr 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 wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )	
4. Dogs	7	Ø	29	NA	29	
5. Cats	Ø	5	29		34	
6. Guinea Pigs	Ø	2	0		7	
7. Hamsters	Ø	TO.	$\mathcal{E}$		6	
8. Rabbits	0	<b>2</b>	7		<u> 4</u>	
9. Non-human Primates	$\mathcal{Z}$	otag			Ö	
10. Sheep	Ø	Ø			Ø	
11. Pigs	$\mathscr{L}$	Ø	·		V	
12. Other Farm Animals	Ø	Ø			E	
13. Other Animals						
Ferrets	Ø	7	Ø		2_	
				<u> </u>		

#### **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, 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.
- 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 applications and 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 in 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

			EADQUARTERS RESEARCH FACILITY OFFICIAL icer or Legally Responsible Institutional Official )	
<u> </u>			NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
( AUG 91 )	(neplaces #3   Olive 10-23 (OCT 00),	which is obsolete.)	· · ·	11-18-05

See attached form for additional information. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE

1. CERTIFICATE NUMBER: 87-F-0001

FORM APPROVED OMB NO. 0579-0036

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CUSTOMER NUMBER: 1210

Usda-Ars-Poisionous Plant Research Lab 1150 East 1400 North

Logan, UT 84321

Telephone: (801) -752-2941

(TYPE OR PRINT)

ANNUAL REPORT OF RESEARCH FACILITY

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, lesting, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS I	USED BY OR UNDER C	CONTROL OF RESEAR	CH FACILITY ( Attach additional	sheets it necessary or use APRIS Form 7023A 1	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or lests were conducted involving no pain, distress, or use or 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 an for which appropriate anesthelic, 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 whithe use of appropriate anesthetic, analgesic, or tranquilized urgs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Ćats	1. 1.8. H. H		e de la companya de l	and the Court of t	A CONTRACTOR OF THE CONTRACTOR
6. Guinea Pigs					
7. Hamsters		50			50
8. Rabbits					
9. Non-human Primates					
0. Sheep					
1. Pigs					
2. Other Farm Animals					-
3. Other Animals					,
					•

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, 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 approximately Inis tacinity is amening to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations and expension and approximate the initial properties of the standard and its requirement of the standard brief explanation of the exceptions, as well as the species and number of animals affected.
- nding 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.

The blooming to	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
C CONSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11-22-05
7	), which is obsolete.}	-

maily & Lo (b)(6), (b)(7)6

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 1. REGISTRATION NO. 87-V-0001

CUSTOMER NO. 1318

FORM APPROVED OMB NO. 0579-0036

# ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) VA MEDICAL CENTER (660)

500 FOOTHILL BLVD. SALT LAKE CITY, UT 84148

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)

VA MEDICAL CENTER (660) SALT LAKE CITY, UT 84148

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 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)
l. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			33		33
9. Non-Human Primates					
10. Sheep					
11. Pigs			24		24
12. Other Farm Animals					
Goats		2			2
13. Other Animals					
					-
					<del> </del>

# 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.	. OFFICIAL FACILITY OFFICIAL	
(Chief Executive Office	EADQUARTERS RESEARCH FACILITY OFFICIAL icer or Legally Responsible Institutional official)	
Leadify that the above	a la true correct, and complete ( / U.S.C. Section 4143)	DATE SIGNED
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL		11/01/2005
	DART4 HI	ADOLIARTERS