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. UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

 REGISTRATION NO. 54-R-0002

CUSTOMER NO. 277

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

NOV 2 2 2006

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

W V SCHOOL OF OSTEOPATHIC MEDICINE 400 N. LEE STREET LEWISBURG, WV 24901

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

See Attached Listing

FACILITY LOCATIONS(sites)

Fredric W. Smith Science Building

Α.	B. Number of	C. Number of	Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	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	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		3.095.	useu.	must be attached to this report)	
5. Cats					
3. Guinea Pigs					
Hamsters					
Rabbits					
. Non-Human Primates					
0. Sheep					
1. Pigs					
2. Other Farm Animals					
3. Other Animals					
	NO ALLID	10405	d Animal		
SURANCE STATEMENTS	TOTAL	Lovere	a Hnimal.	s Used	

- 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 This facility is authering 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 adequate

or drimter care and use.		adequate veterinary care and to oversee the adequacy of other	er
SIGNATURE OF A A ASSISTED	CERTIFICATION BY HEADQUARTERS RES (Chief Executive Officer or Legally Response of Certify that the above is true, correct, and compared to the control of th	SEARCH FACILITY OFFICIAL	
API		CIAL (Type or Print)	DATE SIGNED
(which	PART 1	- HEADQUARTERS

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NO. 54-R-0003

CUSTOMER NO. 278

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)

FAIRMONT STATE COMMUNITY TECHNICAL COLLEGE 1201 LOCUST AVENUE FAIRMONT, WV 26554

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) hour name change

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.) Number o D. Number of animals upon animals being E. Number of animals upon which teaching, Animals Covered animals upon bred, which experiments, experiments, research, surgery or tests were which teaching, By The Animal teaching, research, conditioned, or conducted involving accompanying pain or distress Welfare Regulations research, surgery, or tests were held for use in TOTAL NO. to the animals and for which the use of appropriate experiments, or teaching, testing, conducted involving OF ANIMALS anesthetic, analgesic, or tranquilizing drugs would tests were accompanying pain or experiments, have adversely affected the procedures, results, or conducted distress to the animals research, or interpretation of the teaching, research, (Cols. C+ involving no and for which appropriate surgery but not experiments, surgery, or tests. (An explanation of D + E) pain, distress, or anesthetic, analgesic, or yet used for such the procedures producing pain or distress in these use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs used must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits Non Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals 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 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

1	animal care and use.	(Chief Executive Office above	EADQUARTERS RESEA cer or Legally Responsil is true, correct, and complete	RCH FACILITY OFFICIAL ble Institutional official) (7 U.S.C. Section 2143)	adequacy of other
		whic	ME 9 TITLE OF O - 2		DATE SIGNED
(400 91)	\mathcal{O}	V			PART 1 - HEADQUARTERS
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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. 54-R-0003

CUSTOMER NO. 278

FORM APPROVED OMB NO. 0579-0038

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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

FAIRMONT STATE COMMUNITY TECHNICAL COLLEGE 1201 LOCUST AVENUE

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

7	+ School r	amechan	MIR:	FACILITY LOCATIONS(sites)		purposes. Affach additional	
P	ierpont	(Onono			Hunt	-tlaught 1	4
	REFORT OF ANIMALS USED B	Y DR UNDER CONTROL O	F RESEARCH FACILITY	echnical C	Ollege SSBry or USS APHIS FORM 7023A)	-	
1	Animals Covered By The Animal	animals being bred,	C. Number of animals upon which teaching	Number of animals upon which experiments,	E. Number of animals upon which t	eaching.	

By The Animal Welfare Regulations	Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery bul 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 experiments, teaching, research, surgery, or teats were conducted involving accompanying pein or distress to the animats and for which appropriate enesthedic, analgesic, or tranquilizing drups were	E. Number of animals upon which leaching, 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 appropriate of the appropriate of the service of the appropriate of the	F. TOTAL NO OF ANIMAL (Cols. C + D + E)
4. Dogs 5. Cats		and an analysis	used.	animals and the reasons such drugs were not used must be attached to this report)	7.1
6. Guinea Pigs			16		14
7. Hamsters					- 6
B. Rabbits		9		100	6
9. Non-Human Primates					10
10. Sheep				-3/24/8	
1. Pigs					
2. Other Farm Animals					
3. Other Animals					
-					
,					
SURANCE STATEMENTS					

- Professionally acceptable standards governing the care, treatment, and use of animats, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentallon 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 ported in principal investigator and approved by the institutional Animal Lare 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

- (h. M	property.		ensure the provision of adequate velerings, containing the full full most of animals affected.
	1	~	CERTIFICATION BY HEAD	QUARTERS RESEARCH FACILITY OFFICIAL
			ve Officer o	or Legally Responsible (malling OFFICIAL
			e above is tru	(e, correct, and complete (Tatifutional official)
			NAME	& TITLE OF C.E.O. OP (NOTICE 2143)
				DATE SIGNED
				1 1 1
	* * * * * * * * * * * * * * * * * * * *		Cl which	11/28/01
		~		111/40/00
				HEADQUARTERS

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. 54-R-0004

CUSTOMER NO. 279

FORM APPROVED OMB NO

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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

MARSHALL UNIVERSITY 400 HAL GREER BOULEVARD 7 2 6 2006 HUNTINGTON, WV 25775 (304) 696-7373 H.V.

3. REPORTING FACILITY (List all locations where ani	najs word housed	(304) 696-7373	
sheets if necessary.)	als were noused or used in actual research, testing, te	(304) 696-7373 (304) 696-7370 (304) 696-7370 (304) 696-7370 (304) 696-7370 (304) 696-7370 (304) 696-7370 (304) 696-7370 (304) 696-7370 (304) 696-7370 (304) 696-7370 (304) 696-7370 (304) 696-7370 (304) 696-720 (304) 696-720 (304) 696-720 (304) 696-720 (304) 696-	nai
See Attached Listing	FACILITY LOCATIONS(site		

Α.	B. Number of	C. Number of	D. Number of	essary or use APHIS FORM 7023A)	
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	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 tested.)	F. TOTAL NO. OF ANIMAL: (Cols. C + D + E)
4. Dogs			useu.	must be attached to this report)	
5. Cats					
6. Guinea Pigs					
7. Hamsters					
B. Rabbits					
Non-Human Primates					
0. Sheep					
1. Pigs					
2. Other Farm Animals					
3. Other Animals					
MICE	682	813	698		
RATS	120	249	424		1511
ZEBRAFISH		20	724		673
SURANCE STATEMENTS		20			20

- 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.

Clause and use.	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) Legally Responsible Institutional official	ier
A (AUG 91)	Oct 88), which	10/16/06
, ,	PART	1 - HEADQUARTERS

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54-R-0007

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 UNITED STATES DEPARTMENT OF AGRICULTURE

Interagency Report Control No 0180-DOA-AN

additional information REGISTRATION NO.

CUSTOMER NO. 1730

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) CAMC HEALTH EDUCATION RESEARCH INSTITUTE

3110 MACCORKLE AVE, SE WVU BLGD 3284 RM CHARLESTON, WV 25304

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

See Attached Listing

FACILITY LOCATIONS(sites)

CAMC Health Education & Research Institute, Inc. Medical Teaching Facility

Α.	B. Number of	C. Number of	D. N	ssary or use APHIS FORM 7023A)	
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	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	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 sure drugs research.	OF ANIMAL: (Cols. C + D + E)
4. Dogs		renewing drugs.	used.	must be attached to this report)	
5. Cats					
6. Guinea Pigs					
7. Hamsters					
3. Rabbits					
). Non-Human Primates					
0. Sheep					
1. Pigs					
2. Other Farm Animals					
3. Other Animals					
					No animal
SURANCE STATEMENTS 1) Professionally acceptable stan and following actual research,				1	ere used

- 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 This radiity 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 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

CICHATURE	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)	adequacy of othe	r
(AUG 91)	NAME & TITLE OF C.F.O. OR INSTITUTIONAL CERTIFIC AND INSTITUTION AND INSTITUTI	PART 1	DATE SIGNED

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 54-V-0002

CUSTOMER NO. 682

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, VA MEDICAL CENTER (581)

1540 SPRING VALLEY DRIVE HUNTINGTON, WV 25704

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

See Attached Listing			FACILITY LOCATIONS(sites)	The state of purposes. Attach	
				NOV 2 1 2006	
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	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or	Y (Attach additional sheets if nece 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 analysis.	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	OF ANIMALS (Cois. C+

	B. Number of animals being		D. Number of animals upon	ssary or use APHIS FORM 7023A)	
Animals Covered By The Animal Welfare Regulations	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	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 N OF ANIM (Cols. C D+E)
	-			-	
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep				·	
1. Pigs					
2. Other Farm Animals					
3. Other Animals					
MICE	19	0			
RATS	12	22	0	0	0
		22	0	0 2	22

- 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.
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- 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

Seprend of animal cal	CERTIFICATION BY HEADQUARTERS RESEARC	CH FACILITY OFFICIAL	r
SIGNATURE OF C.E.O.	OR INSTITUTIONAL OFFICIAL NAME & TITLE ACCURATION OF THE PROPERTY OF THE PROP	U.S.C. Section 3143	DATE SIGNED
APHIS FORM 7023 (AUG 91)	(Replaces VS FORM 18-23 (Oct 88), which is obsolete	PARTA	11-10-06

PART 1 - HEADQUARTERS