

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0200	CUSTOMER NO. 1139	FORM APPROVED OMB NO. 0579-0036
2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) BIOSURG 27956 STATE HWY 128 WINTERS, CA 95694 (916) 795-2356		

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

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 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	1		26		26
5. Cats	0				
6. Guinea Pigs	0				
7. Hamsters	0				
8. Rabbits	0				
9. Non-Human Primates	0				
J. Sheep	3		84		84
11. Pigs	0		22		22
12. Other Farm Animals Goats			2		2
13. Other Animals					

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

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(b)(6),(b)(7)(c)	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) (b)(6),(b)(7)(c)	DATE SIGNED 11/10/08
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EXEPTION FROM SOCIAL INTERACTION OR ENVIROMENTAL REQUIREMENTS FOR RESEARCH ANIMALS

(b)(4)	Date: 12.03.07
Animal Identification and Location: Animal Room #6	Sheep #7219
Justification for individual housing or changed housing:	(b)(4)
Justification for and description of decreased environmental or social enrichment plan:	She is housed alone in a single stall due to the above reason. There may be another sheep in the room in another stall. She is watched 24 hours a day by a sheep sitter for the first 5 days so she has human companionship. After that time she will have human observation frequently during the 6AM-5PM working day and an observation at approx 11PM.
Length of time approved for:	30 days
Re-evaluation date:	① 1.03.07
Veterinarian signature:	(b)(6),(b)(7)(c)
IACUC Members Signatures:	
Study Director	

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① Sheep terminated 12.6.07 due to device failure
(b)(6), (b)(7)c 12/8/07

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EXEPTION FROM SOCIAL INTERACTION OR ENVIROMENTAL REQUIREMENTS FOR RESEARCH ANIMALS

(b)(4)		Date: 01/07/08
Animal Identification and Location:	Sheep # 7224 7244 / ICU room #6	
Justification for individual housing or changed housing:	(b)(4)	
Justification for and description of decreased environmental or social enrichment plan:	She is housed alone in a single stall due to the above reason. There may be another sheep in the room in another stall, but she is watched 24 hours a day by a sheep sitter, so she has human companionship	
Length of time approved for:	30 days	
Re-evaluation date:	Not applicable as sheep will be sacrificed after 14 days ②	
Veterinarian signature:	(b)(6), (b)(7)(c)	
IACUC Members Signatures:		
(b)(6), (b)(7)(c)	(b)(6), (b)(7)(c)	
Study Director:		

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① RE - Should be # 7244 AB 1/7/08
 ② Sheep terminated 1-10-08 due to pump failure
 (b)(6), (b)(7)c 1/14/08

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EXEPTION FROM SOCIAL INTERACTION OR ENVIROMENTAL REQUIREMENTS FOR RESEARCH ANIMALS

(b)(4)		Date: 01/28/08
Animal Identification and Location: Animal Room #6	Sheep #7245	
Justification for individual housing or changed housing:	(b)(4)	
Justification for and description of decreased environmental or social enrichment plan:	She is housed alone in a single stall due to the above reason. There may be another sheep in the room in another stall. She is watched 24 hours a day by a sheep sitter for the first 5 days so she has human companionship. After that time she will have human observation frequently during the 6AM-5PM working day and an observation at approx 11PM.	
Length of time approved for:	30 days	
Re-evaluation date:	02/28/07	
Veterinarian signature:	(b)(6),(b)(7)(c)	
IACUC Members Signatures:		
Study Director:		

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EXEPTION FROM SOCIAL INTERACTION OR ENVIROMENTAL REQUIREMENTS FOR RESEARCH ANIMALS

(b)(4)		Date:02/29/08
Animal Identification and Location:	Sheep #7245	
Justification for individual housing or changed housing:	(b)(4)	
Justification for and description of decreased environmental or social enrichment plan:	She is housed alone in a single stall due to the above reason. There may be another sheep in the room in another stall, but she is watched 24 hours a day by a sheep sitter, so she has human companionship	
Length of time approved for:	30 days	
Re-evaluation date:	3/29/08	
Veterinarian signature:	(b)(6),(b)(7)(c)	
IACUC Members Signatures:		
Study Director:		

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EXEPTION FROM SOCIAL INTERACTION OR ENVIROMENTAL REQUIREMENTS FOR RESEARCH ANIMALS

(b)(4)	Date:03/29/08
Animal Identification and Location:	Sheep #7245
Justification for individual housing or changed housing:	(b)(4)
Justification for and description of decreased environmental or social enrichment plan:	She is housed alone in a single stall due to the above reason. There may be another sheep in the room in another stall, but she is watched 24 hours a day by a sheep sitter, so she has human companionship
Length of time approved for:	30 days
Re-evaluation date:	4/28/08 (Termination date 4/30/08)
Veterinarian signature:	(b)(6),(b)(7)(c)
IACUC Members Signatures:	
Study Director:	

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EXEPTION FROM SOCIAL INTERACTION OR ENVIROMENTAL REQUIREMENTS FOR RESEARCH ANIMALS

(b)(4)		Date: 04/08/08
Animal Identification and Location:	Sheep #8020	
Justification for individual housing or changed housing:	[REDACTED]	
Justification for and description of decreased environmental or social enrichment plan:	She is housed alone in a single stall due to the above reason. There may be another sheep in the room in another stall, but she is watched 24 hours a day by a sheep sitter, so she has human companionship	
Length of time approved for:	30 days	
Re-evaluation date:	① 05/08/08	
Veterinarian signature:	(b)(6),(b)(7)(c)	
IACUC Members Signatures:		
Study Director:		

① Sheep terminated on 4/22/08 due to device failure) [REDACTED] 4/25/08

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EXEPTION FROM SOCIAL INTERACTION OR ENVIROMENTAL REQUIREMENTS FOR RESEARCH ANIMALS

(b)(4)	Date:4/30/08
Animal Identification and Location:	Sheep #8054
Justification for individual housing or changed housing:	(b)(4)
Justification for and description of decreased environmental or social enrichment plan:	She is housed alone in a single stall due to the above reason. There may be another sheep in the room in another stall, but she is watched 24 hours a day by a sheep sitter, so she has human companionship
Length of time approved for: Start date of surgical implantation scheduled for May 14, 2008	30 days
Re-evaluation date:	June 13, 2008
Veterinarian signature:	(b)(6),(b)(7)(c)
IACUC Members Signatures:	
Study Director:	

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EXEPTION FROM SOCIAL INTERACTION OR ENVIROMENTAL REQUIREMENTS FOR RESEARCH ANIMALS

(b)(4)		Date: 6/13/08
Animal Identification and Location:	Sheep #8054	
Justification for individual housing or changed housing:	(b)(4)	
Justification for and description of decreased environmental or social enrichment plan:	She is housed alone in a single stall due to the above reason. There may be another sheep in the room in another stall, but she is watched 24 hours a day by a sheep sitter, so she has human companionship	
Length of time approved for: Start date of surgical implantation was May 14, 2008	30 days	
Re-evaluation date:	① July 15, 2008	
Veterinarian signature:	(b)(6), (b)(7)c	
IACUC Members Signatures:		
Study Director:		

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① Sheep terminated 7/11/08 due to device failure (b)(6), (b)(7)c 7/15/08

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