

**UNIVERSITY OF SOUTH FLORIDA  
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

The IACUC's semiannual review of USF's Animal Care and Use Program includes an inspection of dedicated animal facilities, and those laboratories outside of facilities where animals are used. The basis of this semi-annual facility review are the standards and principles described in the *Guide for the Care and Use of Laboratory Animals (Guide)*, the *Animal Welfare Regulations Title 9 Code of Federal Regulations Subchapter A, "Animal Welfare", Parts 1-3 (AWR)*, the *Public Health Service Policy on Humane Care and Use of Laboratory Animals (PHS Policy)*, and the *U.S. Government Principles for Utilization and Care of Vertebrate Animals Used in Testing, Research, and Training*, in order to retain full accreditation by AAALAC international.

## Semiannual Facility Inspection Checklist

Site:  
Date:  
Conducted by:

### I. Terrestrial Animal Housing and Support Areas

	A*	M	S	C	NA
<b>A. Location:</b>					
1. animal areas separate from personnel areas ( <i>Guide</i> , <a href="#">p 134</a> )					
2. separation of species ( <i>Guide</i> , <a href="#">p 111</a> ) P&P V.10					
3. separation by disease status ( <i>Guide</i> , <a href="#">p 111</a> ) SOP 005					
4. security and access control ( <i>Guide</i> , <a href="#">p 151</a> )					
<b>B. Construction:</b> P&P XXII.4-5					
1. corridors ( <i>Guide</i> , <a href="#">p 136</a> )					
2. animal room doors ( <i>Guide</i> , <a href="#">p 137</a> )					
3. exterior windows ( <i>Guide</i> , <a href="#">p 137</a> )					
4. floors ( <i>Guide</i> , <a href="#">p 137</a> )					
5. drainage ( <i>Guide</i> , <a href="#">p 138</a> )					
6. walls and ceilings ( <i>Guide</i> , <a href="#">p 138</a> )					
7. heating ventilation and air conditioning ( <i>Guide</i> , <a href="#">p 139</a> )					
8. power and lighting ( <i>Guide</i> , <a href="#">p 141</a> )					
9. noise control ( <i>Guide</i> , <a href="#">p 142</a> )					
10. vibration control ( <i>Guide</i> , <a href="#">p 142</a> )					
11. environmental monitoring ( <i>Guide</i> , <a href="#">p 143</a> ) SOPs 006, 1115, 1116, 1145					
<b>C. Room/Cage:</b>					
1. temperature and humidity ( <i>Guide</i> , <a href="#">p 43</a> ) P&P V.9, SOP 006, CMDCs 041, 048-056, 076, 120, 123, 134, 138					
2. ventilation and air quality ( <i>Guide</i> , <a href="#">p 45</a> ) SOP 006, ventilation assessment outsourced to qualified vendor, conducted every 3 years					
3. illumination ( <i>Guide</i> , <a href="#">p 47</a> ) SOP 1145					
4. noise and vibration ( <i>Guide</i> , <a href="#">p 49</a> )					
<b>D. Primary Enclosure:</b> P&P I.2, II.1, V.8					
1. space meets physiologic, behavioral <sup>i</sup> , and social <sup>ii</sup> needs ( <i>Guide</i> , <a href="#">pp 51, 55-63</a> ) P&P V.8					
2. secure environment provided ( <i>Guide</i> , <a href="#">p 51</a> )					
3. durable, nontoxic materials in good repair and no risk of injury ( <i>Guide</i> , <a href="#">p 51</a> )					
4. flooring is safe and appropriate for species ( <i>Guide</i> , <a href="#">p 51</a> )					
5. adequate bedding and structures for resting, sleeping, breeding ( <i>Guide</i> , <a href="#">p 52</a> ) SOP 022					
6. objective assessments of housing and management are made ( <i>Guide</i> , <a href="#">p 52</a> )					
7. procedures for routine husbandry are documented ( <i>Guide</i> , <a href="#">p 52</a> ) SOPs 006, 100, 200, 250, 300, 400, 450, 500, 501, 600, 700, CMDCs 041, 048-056, 076, 120, 123, 134, 138					
8. socially housed animals can escape or hide to avoid aggression ( <i>Guide</i> , <a href="#">p 55</a> )					
9. cage height provides adequate clearance ( <i>Guide</i> , <a href="#">p 56</a> )					
10. animals express natural postures, can turn around, access food and water, and rest away from urine and feces ( <i>Guide</i> , <a href="#">p 56</a> ) <b>[must]</b>					

11. rationale <sup>iii</sup> for <i>Guide</i> /USDA space exceptions approved by IACUC and based on performance indices ( <i>Guide</i> , <a href="#">p 56</a> ) P&P V.8					
12. dogs and cats allowed to exercise and provided human interaction ( <i>Guide</i> , <a href="#">p 58</a> ) SOPs 200, 300					
13. nonhuman primates are socially housed except for scientific, veterinary or behavior reasons ( <i>Guide</i> , <a href="#">pp 58-59</a> ) P&P I.2, II.1, SOPs 613, 617					
14. single housing of nonhuman primates is for shortest duration possible ( <i>Guide</i> , <a href="#">p 60</a> )					
15. opportunities for release into larger enclosures is considered for single caged nonhuman primates ( <i>Guide</i> , <a href="#">p 60</a> ) SOP 613					
16. agricultural animals are housed socially ( <i>Guide</i> , <a href="#">p 60</a> ) SOP 700					
17. food troughs and water devices for agricultural animals allow access for all animals ( <i>Guide</i> , <a href="#">p 60</a> )					
<b>E. Environmental Enrichment, Behavioral and Social Management:</b>					
1. structures and resources promote species typical behavior ( <i>Guide</i> , <a href="#">pp 52-54</a> ) P&P I.2, II.1, SOPs 100, 200, 250, 300, 400, 403, 450, 500, 501, 600, 613, 700					
2. novelty of enrichment is considered ( <i>Guide</i> , <a href="#">p 53</a> ) SOP 403, 613					
3. species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian ( <i>Guide</i> , <a href="#">pp 53, 58, 60, 63</a> ) P&P I.2, II.1, SOPs 100, 200, 250, 300, 400, 403, 450, 500, 501, 600, 613, 700					
4. animal care personnel receive training to identify abnormal animal behaviors ( <i>Guide</i> , <a href="#">p 53</a> ) SOP 13					
5. stability of pairs or groups is monitored for incompatibility ( <i>Guide</i> , <a href="#">p 64</a> ) SOPs 101, 617					
6. single housing is justified for social species ( <i>Guide</i> , <a href="#">p 64</a> )					
7. single housing is limited to the minimum period necessary ( <i>Guide</i> , <a href="#">p 64</a> )					
8. additional enrichment for single housed animals is provided ( <i>Guide</i> , <a href="#">p 64</a> )					
9. single housing is reviewed regularly by IACUC and veterinarian ( <i>Guide</i> , <a href="#">p 64</a> )					
10. habituation to routine procedures is part of enrichment program ( <i>Guide</i> , <a href="#">p 64</a> )					
<b>F. Sheltered or Outdoor Housing:</b> (e.g., barns, corrals, pastures, islands)					
1. weather protection and opportunity for retreat ( <i>Guide</i> , <a href="#">p 54</a> ) [must]					
2. appropriate size ( <i>Guide</i> , <a href="#">p 54</a> )					
3. ventilation and sanitation of shelter (no waste/moisture build-up) ( <i>Guide</i> , <a href="#">p 54</a> )					
4. animal acclimation ( <i>Guide</i> , <a href="#">p 55</a> )					
5. social compatibility ( <i>Guide</i> , <a href="#">p 55</a> )					
6. roundup/restraint procedures ( <i>Guide</i> , <a href="#">p 55</a> )					
7. appropriate security ( <i>Guide</i> , <a href="#">p 55</a> )					
<b>G. Naturalistic Environments:</b>					
1. animals added /removed with consideration of effect on group ( <i>Guide</i> , <a href="#">p 55</a> ) P&P XXIII					
2. adequate food, fresh water, and shelter ensured ( <i>Guide</i> , <a href="#">p 55</a> ) P&P XXIII					
<b>H. Food:</b>					
1. feeding schedule and procedures including caloric intake management ( <i>Guide</i> , <a href="#">pp 65-67</a> ) SOPs 100, 200, 250, 300, 400, 450, 500, 501, 600, 700					
2. contamination prevention ( <i>Guide</i> , <a href="#">p 65</a> ) SOP 022					
3. vendor quality control ( <i>Guide</i> , <a href="#">p 66</a> )					
4. storage in sealed containers ( <i>Guide</i> , <a href="#">p 66</a> ) SOP 022					
5. expiration date labeling ( <i>Guide</i> , <a href="#">p 66</a> ) SOP 022					
6. vermin control ( <i>Guide</i> , <a href="#">p 66</a> ) SOP 004					
7. rotation of stocks ( <i>Guide</i> , <a href="#">p 66</a> ) SOP 022					
<b>I. Water:</b>					
1. ad libitum unless justified ( <i>Guide</i> , <a href="#">pp 67-68</a> ) SOPs 100, 200, 250, 300, 400, 450, 500, 501, 600, 700					
2. QC procedures ( <i>Guide</i> , <a href="#">pp 67-68</a> ) SOP 1014, 1139					
<b>J. Bedding and Nesting Materials:</b>					
1. species appropriate ( <i>Guide</i> , <a href="#">pp 68-69</a> ) SOP 022					
2. keeps animals dry ( <i>Guide</i> , <a href="#">pp 68-69</a> )					
3. QC procedures ( <i>Guide</i> , <a href="#">pp 68-69</a> ) SOP 022					

4. minimizes scientific variables ( <i>Guide</i> , pp 68-69)					
<b>K. Sanitation:</b>					
1. frequency of bedding/substrate change ( <i>Guide</i> , p 70) SOPs 100, 200, 250, 300, 400, 450, 500, 501, 600, 700					
2. cleaning and disinfection of microenvironment ( <i>Guide</i> , pp 70-71) SOPs 100, 200, 250, 300, 400, 450, 500, 501, 600, 605, 618, 700, 1001-1006, 1012, 1146					
3. cleaning and disinfection of macroenvironment ( <i>Guide</i> , p 72) SOPs 016, 100, 200, 250, 300, 400, 450, 500, 501, 600, 700, 1009					
4. assessing effectiveness ( <i>Guide</i> , p 73) SOPs 1002, 1004, 1007, 1009-1013, 1139					
<b>L. Waste Disposal:</b>					
1. procedures for collection ( <i>Guide</i> , pp 73-74)					
2. procedures for storage and disposal ( <i>Guide</i> , pp 73-74)					
3. hazardous wastes are rendered safe before removal from facility ( <i>Guide</i> , pp 73-74) [must] In accordance with EH&S, Biosafety, Radiation Safety, SOP 408, 415					
4. animal carcasses ( <i>Guide</i> , pp 73-74)					
<b>M. Pest Control:</b>					
1. regularly scheduled ( <i>Guide</i> , p 74) SOP 004					
2. documented program including control of rodent pests and insecticide use ( <i>Guide</i> , p 74) SOP 004					
<b>N. Emergency, Weekend, and Holiday Animal Care:</b>					
1. care provided by qualified personnel every day ( <i>Guide</i> , p 74) SOP 006					
2. provision for accessible contact information ( <i>Guide</i> , p 74)					
3. monitoring of backup systems ( <i>Guide</i> , p 143)					
4. veterinary care available after hours, weekends, and holidays ( <i>Guide</i> , pp 74, 114) [must]					
5. a disaster plan that takes into account both personnel and animals ( <i>Guide</i> , p 75) CMDC 034					
<b>O. Identification:</b>					
1. cage/rack cards contain required information ( <i>Guide</i> , p 75) P&P XIX.2, SOP 015					
2. genotype information included and standardized nomenclature used when applicable ( <i>Guide</i> , p 75) P&P XIX.3, SOP 015					
<b>P. Recordkeeping:</b>					
1. clinical records accessible and contain appropriate information ( <i>Guide</i> , pp 75-76) P&Ps XII.11, XV.10, XIX, SOPs 006, 010, 012, 404					
2. records are provided when animals are transferred between institutions ( <i>Guide</i> , p 75) CMDC 003					
<b>Q. Breeding Genetics and Nomenclature:</b>					
1. appropriate genetic records, management and monitoring procedures ( <i>Guide</i> , p 76) P&P XIX.3, XXII.14, SOP 418					
2. phenotypes that affect wellbeing are reported to IACUC and effectively managed ( <i>Guide</i> , p 77) P&P III.7, XXII.15					
<b>R. Storage:</b>					
1. adequate space for equipment, supplies, food, bedding and refuse ( <i>Guide</i> , p 141)					
2. bedding in vermin-free area and protected from contamination ( <i>Guide</i> , p 141) SOP 022					
3. food in vermin-free, temperature and humidity-controlled area and protected from contamination ( <i>Guide</i> , p 141) SOP 022					
4. refuse storage is separate ( <i>Guide</i> , p 141)					
5. carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable ( <i>Guide</i> , p 141)					
<b>S. Personnel:</b>					
1. adequate space for locker rooms, administration and training ( <i>Guide</i> , p 135)					

- \* A = acceptable  
M = minor deficiency  
S = significant deficiency (is or may be a threat to animal health or safety)  
C = change in program (PHS Policy IV.A.1.a.-i.) (include in semiannual report to IO and in annual report to OLAW)  
NA = not applicable

**NOTES:**

RIC IACUC DC 007.4  
Effective 11/20  
Page 3 of 9

## II. Aquatic Animal Housing and Support Areas

	A*	M	S	C	NA
<b>A. Location:</b>					
1. animal areas separate from personnel areas ( <i>Guide, p 134</i> )					
2. separation of species ( <i>Guide, p 111</i> ) P&P V.10					
3. separation by disease status ( <i>Guide, p 111</i> ) SOP 005					
4. security and access control ( <i>Guide, p 151</i> )					
<b>B. Construction: P&amp;P XXII.4-5</b>					
1. corridors ( <i>Guide, p 136</i> )					
2. animal room doors ( <i>Guide, pp 137, 150</i> )					
3. exterior windows ( <i>Guide, p 137</i> )					
4. floors ( <i>Guide, pp 137, 150</i> )					
5. drainage ( <i>Guide, pp 138, 150</i> )					
6. walls and ceilings ( <i>Guide, pp 138, 150</i> )					
7. heating ventilation and air conditioning ( <i>Guide, pp 139, 150-151</i> )					
8. power and lighting ( <i>Guide, pp 141, 150</i> )					
9. noise control ( <i>Guide, p 142</i> )					
10. vibration control ( <i>Guide, p 142</i> )					
11. environmental monitoring ( <i>Guide, p 143</i> ) SOPs 006, 1115, 1116, 1145					
<b>C. Water Quality:</b>					
1. standards for acceptable quality are established ( <i>Guide, p 78</i> ) SOPs 801-803					
2. chlorine, chloramines, chemical, and reactive bioproducts are removed or neutralized prior to use in aquatic systems ( <i>Guide, pp 78, 86</i> ) [must] SOPs 801-803					
<b>D. Life Support System:</b>					
1. water source is based on appropriate controls and research requirements ( <i>Guide, p 79</i> ) SOPs 801-803					
2. biofilter is of sufficient size to process bioload ( <i>Guide, p 80</i> ) [must]					
<b>E. Temperature, Humidity and Ventilation/Illumination/Noise and Vibration:</b>					
1. temperature and humidity ( <i>Guide, pp 43, 80-81</i> ) P&P V.9, SOPs 006, 801-803, CMDCs 019, 026, 027, 073					
2. ventilation and air quality ( <i>Guide, pp 45, 81</i> ) SOP 006, ventilation assessment outsourced to qualified vendor, conducted every 3 years					
3. illumination ( <i>Guide, pp 47, 81</i> ) SOP 1145					
4. noise and vibration ( <i>Guide, pp 49, 81</i> )					
<b>F. Primary Enclosure: P&amp;P I.2, II.1</b>					
1. allows for normal physiological and behavioral needs ( <i>Guide, p 82</i> ) P&P V.8					
2. allows social interaction for social species ( <i>Guide, p 82</i> )					
3. provides a balanced, stable environment ( <i>Guide, p 82</i> )					
4. provides appropriate water quality and monitoring ( <i>Guide, p 82</i> )					
5. allows access to food and waste removal ( <i>Guide, p 82</i> )					
6. restricts escape and entrapment ( <i>Guide, p 82</i> )					
7. allows undisturbed observation ( <i>Guide, p 82</i> )					
8. constructed of nontoxic materials ( <i>Guide, p 82</i> )					
9. prevents electrical hazards ( <i>Guide, p 82</i> )					
10. space needs of species are evaluated by IACUC during program evaluations and facility inspections ( <i>Guide, p 83</i> )					
<b>G. Environmental Enrichment, Social Housing, Behavioral and Social Management:</b>					
1. enrichment elicits appropriate behaviors and is safe ( <i>Guide, p 83</i> )					
2. semi-aquatic reptiles are provided terrestrial areas ( <i>Guide, p 83</i> )					
3. handling is kept to a minimum and appropriate techniques are in place at facility or protocol level ( <i>Guide, p 84</i> )					
4. nets are cleaned, disinfected and managed to avoid contamination of systems ( <i>Guide, p 84</i> )					
<b>H. Food:</b>					

1. storage to prevent contamination, preserve nutrients and prevent pests ( <i>Guide, p 84</i> ) SOP 022					
2. delivery ensures access to all, minimizing aggression and nutrient loss ( <i>Guide, p 84</i> ) SOPs 801-803					
3. storage times are based on manufacturer recommendations or accepted practice ( <i>Guide, p 84</i> ) SOP 022					
4. a nutritionally complete diet is provided ( <i>Guide, p 84</i> )					
<b>I. Substrate:</b>					
1. amount, type and presentation of substrate is appropriate for the system and the species ( <i>Guide, p 85</i> )					
<b>J. Sanitation, Cleaning and Disinfection</b>					
1. frequency of tank/cage cleaning and disinfection is determined by water quality, permits adequate viewing and health monitoring ( <i>Guide, p 86</i> ) SOPs 801-803					
2. cleaning and disinfection of macroenvironment ( <i>Guide, p 86</i> ) SOPs 801-803, 1009					
<b>K. Waste Disposal:</b>					
1. procedures for collection ( <i>Guide, pp 73-74</i> )					
2. hazardous wastes are rendered safe before removal from facility ( <i>Guide, pp 73-74</i> ) [must]					
3. animal carcasses ( <i>Guide, pp 73-74</i> )					
<b>L. Pest Control:</b>					
1. regularly scheduled ( <i>Guide, p 74</i> ) SOP 004					
2. documented program including control of pests and insecticide use ( <i>Guide, p 74</i> ) SOP 004					
<b>M. Emergency, Weekend, and Holiday Animal Care:</b>					
1. care provided by qualified personnel every day ( <i>Guide, pp 74, 87</i> ) SOP 006					
2. provision for accessible contact information ( <i>Guide, pp 74, 87</i> )					
3. emergency response plans in place to address major system failures ( <i>Guide, 87</i> ) CMDC 34					
4. veterinary care available after hours, weekends, and holidays ( <i>Guide, pp 74, 114</i> ) [must]					
<b>N. Identification:</b>					
1. cage/tank cards contain required information ( <i>Guide, pp 75, 87</i> ) P&P XIX.2, SOP 015					
2. genotype information included and standardized nomenclature used when applicable ( <i>Guide, pp 75, 87</i> ) P&P XIX.3, SOP 015					
<b>O. Recordkeeping:</b>					
1. water quality parameters and frequency of testing recorded ( <i>Guide, p 88</i> ) SOPs 801-803					
2. records kept on feeding, nonexpired food supplies, live cultures ( <i>Guide, p 88</i> ) SOPs 006, 801-803					
<b>P. Storage:</b>					
1. adequate space for equipment, supplies, food, substrate and refuse ( <i>Guide, p 141</i> )					
2. substrate protected from contamination ( <i>Guide, p 141</i> ) SOP 022					
3. food in vermin-free, temperature and humidity-controlled area and protected from contamination ( <i>Guide, p 141</i> ) SOP 022					
4. refuse storage is separate ( <i>Guide, p 141</i> )					
5. carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable ( <i>Guide, p 141</i> )					
<b>Q. Personnel:</b>					
1. adequate space for locker rooms, administration and training ( <i>Guide, p 135</i> )					

\* A = acceptable

M = minor deficiency

S = significant deficiency (is or may be a threat to animal health or safety)

C = change in program (PHS Policy [IV.A.1.a-i.](#)) (include in semiannual report to IO and in annual report to OLAW)

NA = not applicable

**NOTES:**

RIC IACUC DC 007.4

Effective 11/20

Page 5 of 9

### III. Cagewash

	A*	M	S	C	NA
<b>A. Construction and Operation:</b>					
1. dedicated central area for sanitizing cages and equipment is provided ( <i>Guide, p 143</i> )					
2. cage-washing equipment meets need ( <i>Guide, p 143</i> )					
3. doors, windows, floors, drainage, walls, ceilings ( <i>Guide, pp 136-138</i> )					
4. convenient to animal areas/waste disposal ( <i>Guide, p 143</i> )					
5. ease of access (including door size) facilitates use ( <i>Guide, p 143</i> )					
6. sufficient space for staging and maneuvering ( <i>Guide, p 143</i> )					
7. safety precautions/clothing/equipment used for waste disposal/prewash/acid wash (( <i>Guide, p 143</i> ) SOPs 011, 1005, 1008					
8. traffic flow clean to dirty with no contamination of clean equipment by dirty equipment and appropriate air pressurization ( <i>Guide, p 143</i> )					
9. insulation and/or sound attenuation present as needed ( <i>Guide, p 143</i> )					
10. utilities are appropriate ( <i>Guide, p 143</i> )					
11. ventilation meets heat and humidity load ( <i>Guide, p 143</i> )					
12. safety features (e.g., SOPs, warning signs, eyewash stations) are in use ( <i>Guide, p 143</i> ) SOP 1005, 1006, 1008, 1156					
13. functioning safety devices to prevent entrapment in washer/sterilizers ( <i>Guide, p 143</i> ) SOP 1005					
14. cage wash temperatures are monitored and records are available ( <i>Guide, p 73</i> ) SOPs 1002, 1004, 1005, 1006, 1007, 1010, 1013					
15. appropriate clean cage storage ( <i>Guide, p 141</i> )					

\* A = acceptable

M = minor deficiency

S = significant deficiency (is or may be a threat to animal health or safety)

C = change in program (PHS Policy [IV.A.1.a.-i.](#)) (include in semiannual report to IO and in annual report to OLAW)

NA = not applicable

#### NOTES:

#### IV. Special Facilities: Aseptic Surgery

	A*	M	S	C	NA
<b>A. General Considerations:</b>					
1. location minimizes traffic/contamination ( <i>Guide, p 144</i> ) P&P XV.2, XV.6, SOP 003, 027, 412					
2. functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) ( <i>Guide, p 144</i> ) P&P XV.2, XV.6, SOP 003					
3. appropriate drug storage, control, expiration date monitoring ( <i>Guide, pp 115, 122</i> ) P&P XV.7, SOPs 008, 014, 024					
4. safe sharps disposal system ( <i>Guide, p 74</i> )					
5. adequate records of anesthesia and perioperative care ( <i>Guide, p 122</i> ) P&P XV.10-11, SOPs 027, 033, 412					
6. aseptic procedures in use for all survival surgery ( <i>Guide, pp 118-119</i> ) P&P XV.1, SOPs 027, 412					
<b>B. Operating Room:</b>					
1. effective contamination control procedures ( <i>Guide, p 144</i> ) SOP 003, SOP 1010					
2. effective cleaning procedures/dedicated tools ( <i>Guide, p 145</i> ) SOP 003, SOP 1010					
3. interior surfaces smooth and impervious to moisture ( <i>Guide, p 145</i> ) SOP 003					
4. HVAC system meets <i>Guide</i> requirements ( <i>Guide, p 145</i> )					
5. lighting safe and appropriate ( <i>Guide, p 145</i> )					
6. outlets safe and appropriate ( <i>Guide, p 145</i> )					
7. scavenging of anesthetic gases implemented ( <i>Guide, p 145</i> ) SOPs 033, 909, 1102					
<b>C. Surgical Support:</b>					
1. facility for washing, sterilizing, storing instruments and supplies ( <i>Guide, p 145</i> )					
2. autoclave monitoring procedures are implemented ( <i>Guide, pp 119, 145</i> ) SOP 1006, 1007					
3. storage of autoclaved materials maintains sterility ( <i>Guide, p 145</i> ) SOP 1006					
4. cold sterilization procedures are appropriate ( <i>Guide, p 119</i> ) SOP 011					
<b>D. Animal Preparation:</b> contains large sink to facilitate cleaning of animal and operative site ( <i>Guide, p 145</i> )					
<b>E. Surgeon Scrub:</b> outside operating room, non-hand-operated sink ( <i>Guide, p 145</i> ) SOP 003					
<b>F. Postoperative Recovery:</b> allows adequate observation, easily cleaned, supports physiologic functions, minimizes risk of injury ( <i>Guide, p 145</i> ) SOP 003					
<b>G. Dressing Area:</b> place for personnel to change ( <i>Guide, p 145</i> )					

\* A = acceptable

M = minor deficiency

S = significant deficiency (is or may be a threat to animal health or safety)

C = change in program (PHS Policy [IV.A.1.a-i](#)) (include in semiannual report to IO and in annual report to OLAW)

NA = not applicable

#### NOTES:

V. **Special Facilities: Procedure Areas, Non-survival Surgeries, Laboratories, Rodent Surgeries, Imaging, Whole Body Irradiation, Hazardous Agent Containment, Behavioral Studies**

A\* M S C NA

	A*	M	S	C	NA
<b>A. General Considerations:</b>					
1. labs used to house animals only when scientifically required and limited to minimum period necessary ( <i>Guide, p 134</i> )					
2. drug storage, control, and expiration dates ( <i>Guide, pp 115, 122</i> ) P&P XV.7, SOPs 008, 014, 024					
3. sharps disposal ( <i>Guide, p 74</i> )					
4. anesthetic monitoring ( <i>Guide, p 120</i> ) SOP 033,401.5					
5. scavenging of anesthetic gases ( <i>Guide, p 21</i> ) SOPs 033, 909, 1102					
6. safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders) are in place ( <i>Guide, p 19</i> )					
7. carcass disposal ( <i>Guide, pp 73-74</i> )					
<b>B. Additional Concerns for Survival Surgery:</b> (rodent and minor procedures only)					
1. rodent survival surgery clean and uncluttered, not used for anything else during surgery ( <i>Guide, p 144</i> ) SOPs 003, 412					
2. records of peri-operative care ( <i>Guide, p 120</i> ) P&P XV.10-11, SOPs 027, 033, 412					
3. aseptic procedures ( <i>Guide, pp 118-119</i> ) P&P XV.1, SOPs 027, 412					
4. autoclave monitoring procedures ( <i>Guide, pp 119, 145</i> ) SOP 1006, 1007					
5. storage of autoclaved materials ( <i>Guide, p 145</i> ) SOP 106					
6. cold sterilization procedures are appropriate ( <i>Guide, p 119</i> ) SOP 011					
<b>C. Imaging/Whole Body Irradiation:</b>					
1. location of resource limits contamination risk ( <i>Guide, p 147</i> )					
2. appropriate transportation methods are in place ( <i>Guide, p 147</i> ) SOP 007					
3. gas anesthesia provision, scavenging and monitoring are appropriate ( <i>Guide, p 147</i> ) SOPs 033, 909, 1102					
4. appropriate sensors and ventilation are provided for cryogen gases ( <i>Guide, p 147</i> ) [must]					
5. imaging console is located away from radiation source ( <i>Guide, p 147</i> )					
<b>D. Hazardous Agent Containment:</b>					
1. facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures ( <i>Guide, p 148</i> ) [must] P&Ps III.28, VIII.11, EH&S Policies, IBC Policies					
<b>E. Behavioral Studies:</b>					
1. facility minimizes airborne transmission of noise and ground-borne transmission of vibration ( <i>Guide, p 149</i> )					
2. floor coverings reduce sound transmission ( <i>Guide, p 149</i> )					
3. testing equipment allows for surface disinfection ( <i>Guide, p 150</i> ) SOP 1015					
4. components that cannot be cleaned are not in ready contact with animals and kept covered when not in use ( <i>Guide, p 150</i> )					
5. housing areas are contiguous with testing areas when appropriate ( <i>Guide, p 150</i> )					
<b>F. Satellite Housing Facilities:</b> <b>NEW</b>					
1. satellite housing secondary environmental conditions controlled (e.g., diurnal lighting, ambient temperature, each as described in protocol) P&P III.32					
2. oversight and care documented on forms provided by Comparative Medicine P&P III.32					
3. episodes of satellite-housed animals reported to the IACUC, tabulated by Comparative Medicine P&P III.32					
4. appropriate primary enclosures appropriately maintained P&P III.32					
5. satellite staff aware of reporting unanticipated morbidity/mortality P&P XII.18					

- \* A = acceptable
- M = minor deficiency
- S = significant deficiency (is or may be a threat to animal health or safety)
- C = change in program (PHS Policy IV.A.1.a.-i.) (include in semiannual report to IO and in annual report to OLAW)
- NA = not applicable

**NOTES:**

I. FACILITY REVIEW:

A. Deficiencies Continuing From Prior Review:

B. New Deficiencies Noted:

C. Concerns:

D. Recommendations:

Minority Views?                      Yes \_\_\_ (Attach)                      No \_\_\_

---

**Signatures of Committee/Subcommittee Members** (Report must be signed by a majority of the IACUC members)  
Please type names under signatures.

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

\_\_\_\_\_  
Institutional Official  
  
\_\_\_\_\_