Memorandum to:	Institutional Official
From:	Institutional Animal Care and Use Committee
Subject:	Semiannual Report of the Program Review and Facility Inspection
Date:	Wednesday, May 17th, 2022
required by the Public plicy), Section IV.B.1 imal Welfare Act (AWA stitutional Official is a cooratory Animal Welfare	
	u, the following changes have occurred in the institution's care and use (PHS Policy <u>IV.A.1.ai.</u>): [optional]
N/a	
Policy, the Guide, Departures from the Select A or B: [✓] A. There we [] B. The follows:	e Nature and Extent of the Institution's Adherence to the PHS and the AWA ne PHS Policy, the <i>Guide</i> , and the AWA. ere no departures during this reporting period. wing departures have been reviewed and approved by the IACUC: [include or each departure]
	e Institution's Animal Care and Use Program
Animal Cara and Il	
	se Program Review Date(s):
Select A or B: [✓] A. There we [] B. The follo each defi plan and on a sepa	see Program Review Date(s): ere no deficiencies in the program during this reporting period. wing deficiencies have been identified: [describe each deficiency, identify iciency as either minor or significant, and provide a reasonable and specific schedule for the correction of each deficiency, deficiencies may be recorded arate table and attached, the last page of OLAW's Sample Semiannual Review and Facility Inspection Checklist provides a sample table]

I.

II.

III. Deficiencies in the Institution's Animal Facility

Animal Facility Inspection Date(s):__5/17/21__ Conducted by: Facility Director and the Environmental Health & Safety Officer Select A or B:

- [] A. There were no deficiencies in the animal facility during this reporting period.
- B. The following deficiencies have been identified: [describe each deficiency, identify each deficiency as either minor or significant, and provide a reasonable and specific plan and schedule for the correction of each deficiency, deficiencies may be recorded on a separate table and attached, the last page of OLAW's Sample Semiannual Program Review and Facility Inspection Checklist provides a sample table]

Deficiency #1

- 1) Category: Minor
- 2) Location: BRF kitchen rm#1725
- 3) Deficiency description: Broken refrigerator gasket
- 4) Plan for Correction: BRF Director ordered a new gasket/repair kit and had it replaced 48 hours later.

IV. Minority Views

Select A or B:

- [✓] A. No minority views were submitted or expressed.
- B. The following minority views were expressed.

N/a

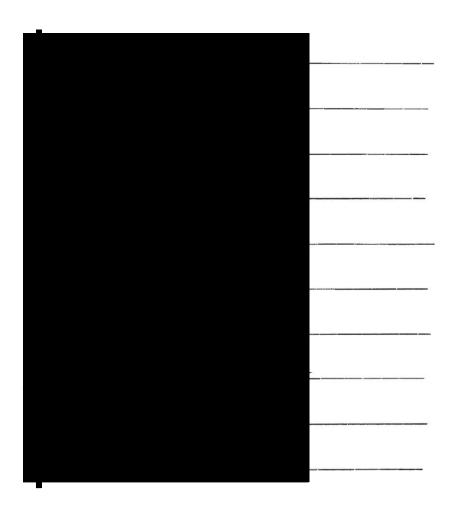
V. Status of AAALAC Accreditation [identify accredited facilities, if applicable]

In progress			
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		,	/

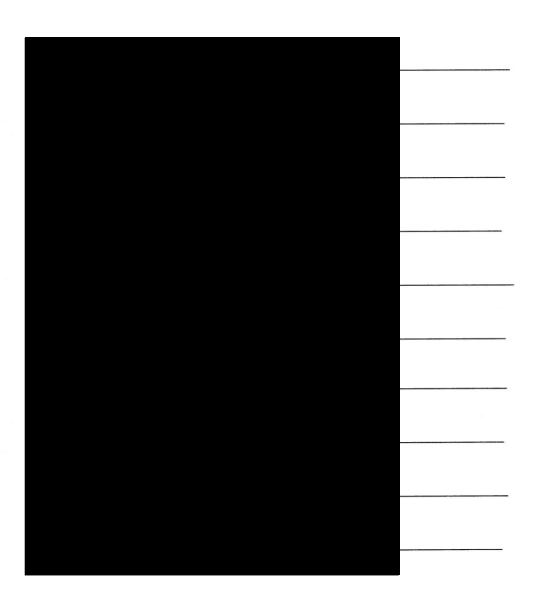
SEMI ANNUAL IACUC COMMITTEE MEETING May 17, 2022



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Semiannual Program Review Checklist i

Institutional Policies and Responsibilities

Date: 05/17/2022

1. Animal Care and Use Program		A*	M	S	C	NA
 Responsibility for animal well-being is assured 	ned by all members of the program (Guide,	.,				
<u>p 1</u>) [must]		X				-
 IO has authority to allocate needed resource 	es (<i>Guide</i> , <u>p 13</u>)	Χ				
 Resources necessary to manage program of [must] 		Χ				
 Sufficient resources are available to manage personnel in accord with regulations and the 	e <i>Guide</i> (<i>Guide</i> , <u>pp 11</u> , <u>15</u>)	Χ				
 Program needs are regularly communicated 	to IO by AV and/or IACUC (Guide, p 13)	Χ				
 Responsibilities for daily animal care and fa individual(s) when a full-time veterinarian i 	cility management are assigned to specific s not available on site (<i>Guide</i> , p 14) [must]	Х				
 Inter-institutional collaborations are described 15) 						X
 Written agreements address responsibilities (Guide, p 15) 	, animal ownership, and IACUC oversight					X
. Disaster Planning and Emergency Prep	paredness	A*	М	S	C	NA
 Disaster plans for each facility to include sa 75) [must] 	tellite locations are in place (Guide, p 35, p	Х				
Plans include provisions for euthanasia (Gui	de, p 35) [must]	Χ				
Plans include triage plans to meet institutio	nal and investigators' needs (Guide, p 35)	X				
 Plans define actions to prevent animal injur (Guide, p 35) 	y or death due to HVAC or other failures	Х				
Plans describe preservation of critical or irre	eplaceable animals (Guide, p 35)	X				
 Plans include essential personnel and their 	training (Guide, p 35)	Χ				
 Animal facility plans are approved by the in response plan (Guide, p 35) 	stitution and incorporated into overall	Х				
 Law enforcement and emergency personne overall plan is in place (Guide, p 35) 	are provided a copy and integration with	Х				
B. IACUC		A *	М	S	C	NA
 Meets as necessary to fulfill responsibilities 	(Guide, p 25) [must]	Χ				
 IACUC Members named in protocols or with decisions (Guide, p 26) [must] 	conflicts recuse themselves from protocol	Х				
C .: : TACLIC	tocol approval is in place (Guide, p 33)	X				
 Continuing IACUC oversight after initial pro IACUC evaluates the effectiveness of training 	ng programs (<i>Guide</i> , p 15)	Χ				
1. IACUC Protocol Review - Special Cons	derations	A *	М	S	C	NA
 Humane endpoints are established for stud- diseases, vaccine challenge, pain modeling, antibodies, assessment of toxicologic effect cardiovascular shock (Guide, p 27) 	es that involve tumor models, infectious trauma, production of monoclonal	X				
F	with the IACUC is in place (Guide in 28)	X				
 For genetically modified animals, enhanced 	monitoring and reporting is in place	X				
(Guide, <u>p 28</u>)						
Restraint devices are justified in the animal	uco protocolo (Cuido p 20) Imulati	X				

	•	Alternatives to physical restraint are considered (<i>Guide</i> , <u>p 29</u>) Period of restraint is the minimum to meet scientific objectives (<i>Guide</i> , <u>p 29</u>)	X				
		Training of animals to adapt to restraint is provided (<i>Guide</i> , p 29)	X				
	•	Animals that fail to adapt are removed from study (Guide, p 29)	X				
	•	Appropriate observation intervals of restrained animals are provided (Guide, p 29)	X				
	•	Veterinary care is provided if lesions or illness result from restraint (<i>Guide</i> , p 30)	Х				
	•	Explanations of purpose and duration of restraint are provided to study personnel (Guide, p 30)	Х				
	•	Multiple surgical procedures on a single animal are justified and outcomes evaluated (Guide, p 30)	Х				
	•	Major versus minor surgical procedures are evaluated on a case-by-case basis (<i>Guide</i> , p 30)	Х				
	•	Multiple survival procedure justifications in non-regulated species conform to regulated species standards (<i>Guide</i> , p 30)	X				
	•	Animals on food/fluid restriction are monitored to ensure nutritional needs are met $(Guide, p.31)$	Х				
	•	Body weights for food/fluid restricted animals are recorded at least weekly ($Guide$, p 31)	X				
	•	Daily written records are maintained for food/fluid restricted animals (Guide, p 31)	Χ				
	•	Pharmaceutical grade chemicals are used , when available, for animal-related procedures ($Guide$, p 31)	Х				
	•	Non-pharmaceutical grade chemicals are described, justified, and approved by IACUC ($Guide$, p 31)	Х				
	•	Investigators conducting field studies know zoonotic diseases, safety issues, laws and regulations applicable in study area ($Guide$, p 32)					X
	•	Disposition plans are considered for species removed from the wild (Guide, p 32)					X
	•	Toe-clipping only used when no alternative, performed aseptically and with pain relief ($Guide$, p 75)					X
5.	IA	CUC Membership and Functions	A*	М	S	С	NA
	•	IACUC is comprised of at least 5 members, appointed by CEO (PHS Policy, IV.A.3.)	X				
	•	Members include a veterinarian, a scientist, a nonscientist, and a nonaffiliated non-lab animal user (<i>Guide</i> , p 24) ⁱⁱ	X				
	•	IACUC authority and resources for oversight and evaluation of institution's program are provided (<i>Guide</i> , p 14)	X				
	•	IACUC conducts semiannual evaluations of institutional animal care and use program (PHS Policy, IV.B.)	X				
	•	Conducts semiannual inspections of institutional animal facilities (PHS Policy, IV.B.)					
		Contacto Sermannadi moperationo di motitational diminali la contico (1110 1 che)	X				
	•	IACUC organizationally reports to the Institutional Official (PHS Policy, <u>IV.A.1.b.</u>) Methods for reporting and investigating animal welfare concerns are in place (<i>Guide</i> , <u>p</u>	X				
		IACUC organizationally reports to the Institutional Official (PHS Policy, <u>IV.A.1.b.</u>) Methods for reporting and investigating animal welfare concerns are in place (<i>Guide</i> , <u>p</u> 23) [must]					
	•	IACUC organizationally reports to the Institutional Official (PHS Policy, IV.A.1.b.) Methods for reporting and investigating animal welfare concerns are in place (Guide, p 23) [must] Reviews and investigates concerns about animal care and use at institution ⁱⁱⁱ (PHS Policy, IV.B.)	X				
	•	IACUC organizationally reports to the Institutional Official (PHS Policy, IV.A.1.b.) Methods for reporting and investigating animal welfare concerns are in place (<i>Guide</i> , <u>p</u> 23) must Reviews and investigates concerns about animal care and use at institution (PHS Policy, IV.B.) Procedures are in place for review, approval, and suspension of animal activities (PHS Policy, IV.B.)	X				
	•	IACUC organizationally reports to the Institutional Official (PHS Policy, IV.A.1.b.) Methods for reporting and investigating animal welfare concerns are in place (Guide, p 23) must Reviews and investigates concerns about animal care and use at institution (PHS Policy, IV.B.) Procedures are in place for review, approval, and suspension of animal activities (PHS Policy, IV.B.) Procedures are in place for review and approval of significant changes to approved activities (PHS Policy, IV.B.)	X X				
	•	IACUC organizationally reports to the Institutional Official (PHS Policy, IV.A.1.b.) Methods for reporting and investigating animal welfare concerns are in place (<i>Guide</i> , <u>p</u> 23) [must] Reviews and investigates concerns about animal care and use at institution ⁱⁱⁱ (PHS Policy, IV.B.) Procedures are in place for review, approval, and suspension of animal activities ^{iv} (PHS Policy, IV.B.) Procedures are in place for review and approval of significant changes to approved activities (PHS Policy, IV.B.) Policies are in place for special procedures (e.g., genetically modified animals, restraint, multiple survival surgery, food and fluid regulation, field investigations,	X X X				
	•	IACUC organizationally reports to the Institutional Official (PHS Policy, IV.A.1.b.) Methods for reporting and investigating animal welfare concerns are in place (<i>Guide</i> , <u>p</u> 23) [must] Reviews and investigates concerns about animal care and use at institution ⁱⁱⁱ (PHS Policy, IV.B.) Procedures are in place for review, approval, and suspension of animal activities ^{iv} (PHS Policy, IV.B.) Procedures are in place for review and approval of significant changes to approved activities (PHS Policy, IV.B.) Policies are in place for special procedures (e.g., genetically modified animals,	X X X X				

All IACUC members should receive:

		 Formal orientation to institution's program (Guide, p 17) 	X				
		 Training on legislation, regulations, guidelines, and policies (Guide, p 17) 	X				
		o Training on how to inspect facilities and labs where animal use or housing occurs					
		(Guide, p 17)	X				
		o Training on how to review protocols as well as evaluate the program (Guide, p 17)	X				
		 Ongoing training/education (Guide, p 17) 	X				
7.	TΔ	CUC Records and Reporting Requirements ^{vi}	A *	М	S	C	NA
-		Semiannual report to the IO (PHS Policy, <u>IV.B.</u>)					
	•		X				
		a de distribuir de la contra del la contra del la contra del la contra del la contra de la contra de la contra de la contra del la					
			X				
		and facility deficiencies)	X				
		Includes minority IACUC views The IACUC views The Includes minority IACUC views The Include views minority IACUC	^				
		o Describes IACUC-approved departures from the <i>Guide</i> or PHS Policy and the	X				
		reasons for each departure ^{vii}				-	
		o Distinguishes significant from minor deficiencies	X				
		o Includes a plan and schedule for correction for each deficiency identified viii	X				
	•	Reports to OLAW (PHS Policy, <u>IV.F.</u>)					
		 Annual report to OLAW documents program changes, dates of the semiannual 	.,				
		program reviews and facility inspections and includes any minority views	X				
		 Promptly advises OLAW of serious/ongoing Guide deviations or PHS Policy 					
		noncompliance (NOT-OD-05-034)	X				
		o Institute must promptly advise OLAW of any suspension of an animal activity by					
		the IACUC (NOT-OD-05-034)	X				
	•	Reports to U.S. Department of Agriculture (USDA) or Federal funding agencyix					
		 Annual report to USDA contains required information including all 					
		exceptions/exemptions	X				
		 Reporting mechanism to USDA is in place for IACUC-approved exceptions to the 					
		regulations and standards	X				
		o Reports are filed within 15 days for failures to adhere to timetable for correction o	F				
		significant deficiencies	X				
		o Promptly reports suspensions of activities by the IACUC to USDA and any Federal					
		funding agency	X				
	•	Records (PHS Policy, <u>IV.E.</u>)					
		IACUC meeting minutes and semiannual reports to the IO are maintained for 3					
		years	X				
		 Records of IACUC reviews of animal activities include all required information^x 	X				
		Records of IACUC reviews are maintained for 3 years after the completion of the					
		study	X				
0	W-	eterinary Care (See also next section - Veterinary Care)	A *	D.4		•	NA
0.	AG		A	M	S	С	INA
	•	An arrangement for veterinarian(s) with training or experience in lab animal medicine	X				
		is in place including backup veterinary care ^{xi}				-	
	•	Veterinary access to all animals is provided (Guide, p 14) [must]	X			-	
	•	Direct or delegated authority is given to the veterinarian to oversee all aspects of	V				
		animal care and use (Guide, p 14) [must]	X				
	•	Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (<i>Guide</i> , p 5) [must]	X				
	•	Veterinarian provides consultation when interventional control is not possible (<i>Guide</i> ,					
		5) [must]	X				
	_	If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14)	X				
	•	Regular communication occurs between veterinarian and IACUC (<i>Guide</i> , p 14)	X				
	•	Veterinarian(s) have experience and training in species used (Guide, p 15) [must]	X				
		Veterinarian(s) have experience and training in species used (Guide, p.15) Weterinarian(s) have experience in facility administration/management (Guide, p.15)	X				
	•	vecerifiarian(s) flave experience in facility autilinistration/management (buide, p 13)					

9.	Personnel Qualifications and Training	A*	M	S	C	NA
,	 All personnel are adequately educated, trained, and/or qualified in basic principles of 					
	laboratory animal science. Personnel included: [must]					. (
	 Veterinary/other professional staff (Guide, p 15-16) 	X				
	o IACUC members (<i>Guide</i> , <u>p 17</u>)	X				
	 Animal care personnel (Guide, p 16) 	X				
	 Research investigators, instructors, technicians, trainees, and students (Guide, pp 16-17) 	X				
•	 Continuing education for program and research staff provided to ensure high quality care and reinforce training (Guide, pp 16-17) 	X				
	Training is available prior to starting animal activity (Guide, p 17)	X				
	• Training is documented (<i>Guide</i> , p 15)	X				
	• Training program content includes: (<i>Guide</i> , p 17)	1-11				
Maria -	Methods for reporting concerns (<i>Guide</i> , p 17)	X				
	Humane practices of animal care (e.g., housing, husbandry, handling) xii	X				
	pre- and post-operative care, aseptic surgical techniques, and euthanasia ($Guide$, p 17) xiii	X				
	 Research/testing methods that minimize numbers necessary to obtain valid results (PHS Policy, <u>IV.A.1.g.</u>) 	X				
	 Research/testing methods that minimize animal pain or distress (PHS Policy, IV.A.1.g.) 	х				
	 Use of hazardous agents, including access to OSHA chemical hazard notices where applicable (Guide, p 20) 	X				
	o Animal care and use legislation (<i>Guide</i> , p 17)	X				
	 IACUC function (Guide, p 17) 	X				
	 Ethics of animal use and Three Rs (Guide, p 17) 	X				
10.	Occupational Health and Safety of Personnel					-
		A*	M	S	C	N.
•		X	М	S	С	N.
•	 Program is in place and is consistent with federal, state, and local regulations (Guide, p 17) [must] 		M	S	С	N.
	 Program is in place and is consistent with federal, state, and local regulations (Guide, p 17) [must] Program covers all personnel who work in laboratory animal facilities (Guide, p 18) Changing, washing, and showering facilities are available as appropriate (Guide, p 19) 	Х	М	S	С	N.
•	 Program is in place and is consistent with federal, state, and local regulations (Guide, p 17) [must] Program covers all personnel who work in laboratory animal facilities (Guide, p 18) Changing, washing, and showering facilities are available as appropriate (Guide, p 19) 	X	M	S	C	N.
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•	Program is in place and is consistent with federal, state, and local regulations (<i>Guide</i> , p 17) [must] Program covers <i>all</i> personnel who work in laboratory animal facilities (<i>Guide</i> , p 18) Changing, washing, and showering facilities are available as appropriate (<i>Guide</i> , p 19) Hazardous facilities are separated from other areas and identified as limited access (<i>Guide</i> , p 19) Personnel training is provided based on risk (e.g., zoonoses, hazards, personal hygiene, special precautions, animal allergies) (<i>Guide</i> , p 20) Personal hygiene procedures are in place (e.g., work clothing, eating/drinking/smoking policies) (<i>Guide</i> , p 20) Procedures for use, storage, and disposal of hazardous biologic, chemical, and physical agents are in place (<i>Guide</i> , p 21)	x x x x x	M	S	C	N.
•	Program is in place and is consistent with federal, state, and local regulations (<i>Guide</i> , p 17) [must] Program covers <i>all</i> personnel who work in laboratory animal facilities (<i>Guide</i> , p 18) Changing, washing, and showering facilities are available as appropriate (<i>Guide</i> , p 19) Hazardous facilities are separated from other areas and identified as limited access (<i>Guide</i> , p 19) Personnel training is provided based on risk (e.g., zoonoses, hazards, personal hygiene, special precautions, animal allergies) (<i>Guide</i> , p 20) Personal hygiene procedures are in place (e.g., work clothing, eating/drinking/smoking policies) (<i>Guide</i> , p 20) Procedures for use, storage, and disposal of hazardous biologic, chemical, and physical agents are in place (<i>Guide</i> , p 21) Personal Protective Equipment for the work area is appropriate and available (<i>Guide</i> , p 21)	X X X X X X	M	S	C	N.
•	Program is in place and is consistent with federal, state, and local regulations (<i>Guide</i> , p 17) must Program covers <i>all</i> personnel who work in laboratory animal facilities (<i>Guide</i> , p 18) Changing, washing, and showering facilities are available as appropriate (<i>Guide</i> , p 19) Hazardous facilities are separated from other areas and identified as limited access (<i>Guide</i> , p 19) Personnel training is provided based on risk (e.g., zoonoses, hazards, personal hygiene, special precautions, animal allergies) (<i>Guide</i> , p 20) Personal hygiene procedures are in place (e.g., work clothing, eating/drinking/smoking policies) (<i>Guide</i> , p 20) Procedures for use, storage, and disposal of hazardous biologic, chemical, and physical agents are in place (<i>Guide</i> , p 21) Personal Protective Equipment for the work area is appropriate and available (<i>Guide</i> , p 21) Program for medical evaluation and preventive medicine for personnel includes:	x x x x x x x x x	M	S	С	N.
•	Program is in place and is consistent with federal, state, and local regulations (<i>Guide</i> , p 17) [must] Program covers <i>all</i> personnel who work in laboratory animal facilities (<i>Guide</i> , p 18) Changing, washing, and showering facilities are available as appropriate (<i>Guide</i> , p 19) Hazardous facilities are separated from other areas and identified as limited access (<i>Guide</i> , p 19) Personnel training is provided based on risk (e.g., zoonoses, hazards, personal hygiene, special precautions, animal allergies) (<i>Guide</i> , p 20) Personal hygiene procedures are in place (e.g., work clothing, eating/drinking/smoking policies) (<i>Guide</i> , p 20) Procedures for use, storage, and disposal of hazardous biologic, chemical, and physical agents are in place (<i>Guide</i> , p 21) Personal Protective Equipment for the work area is appropriate and available (<i>Guide</i> , p 21) Program for medical evaluation and preventive medicine for personnel includes: Pre-employment evaluation including health history (<i>Guide</i> , p 22) Immunizations as appropriate (e.g., rabies, tetanus) and tests as appropriate	x x x x x x x x x x x x x x x x x x x	M	S	С	N.
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•	Program is in place and is consistent with federal, state, and local regulations (<i>Guide</i> , p 17) must Program covers <i>all</i> personnel who work in laboratory animal facilities (<i>Guide</i> , p 18) Changing, washing, and showering facilities are available as appropriate (<i>Guide</i> , p 19) Hazardous facilities are separated from other areas and identified as limited access (<i>Guide</i> , p 19) Personnel training is provided based on risk (e.g., zoonoses, hazards, personal hygiene, special precautions, animal allergies) (<i>Guide</i> , p 20) Personal hygiene procedures are in place (e.g., work clothing, eating/drinking/smoking policies) (<i>Guide</i> , p 20) Procedures for use, storage, and disposal of hazardous biologic, chemical, and physical agents are in place (<i>Guide</i> , p 21) Personal Protective Equipment for the work area is appropriate and available (<i>Guide</i> , p 21) Program for medical evaluation and preventive medicine for personnel includes: Pre-employment evaluation including health history (<i>Guide</i> , p 22) Immunizations as appropriate (e.g., rabies, tetanus) and tests as appropriate (<i>Guide</i> , p 22) Zoonosis surveillance as appropriate (e.g., Q-fever, tularemia, Hantavirus, plague) (<i>Guide</i> , p 23) Procedures for reporting and treating injuries, including accidents, bites, allergies,	X X X X X X X X	M	S	С	N.
•	Program is in place and is consistent with federal, state, and local regulations (<i>Guide</i> , p 17) must Program covers <i>all</i> personnel who work in laboratory animal facilities (<i>Guide</i> , p 18) Changing, washing, and showering facilities are available as appropriate (<i>Guide</i> , p 19) Hazardous facilities are separated from other areas and identified as limited access (<i>Guide</i> , p 19) Personnel training is provided based on risk (e.g., zoonoses, hazards, personal hygiene, special precautions, animal allergies) (<i>Guide</i> , p 20) Personal hygiene procedures are in place (e.g., work clothing, eating/drinking/smoking policies) (<i>Guide</i> , p 20) Procedures for use, storage, and disposal of hazardous biologic, chemical, and physical agents are in place (<i>Guide</i> , p 21) Personal Protective Equipment for the work area is appropriate and available (<i>Guide</i> , p 21) Program for medical evaluation and preventive medicine for personnel includes: Pre-employment evaluation including health history (<i>Guide</i> , p 22) Immunizations as appropriate (e.g., rabies, tetanus) and tests as appropriate (<i>Guide</i> , p 22) Zoonosis surveillance as appropriate (e.g., Q-fever, tularemia, Hantavirus, plague) (<i>Guide</i> , p 23) Procedures for reporting and treating injuries, including accidents, bites, allergies, etc. (<i>Guide</i> , p 23)	x x x x x x x x x x x x x x x x x x x	M	S	С	N.
•	Program is in place and is consistent with federal, state, and local regulations (<i>Guide</i> , p 17) must Program covers <i>all</i> personnel who work in laboratory animal facilities (<i>Guide</i> , p 18) Changing, washing, and showering facilities are available as appropriate (<i>Guide</i> , p 19) Hazardous facilities are separated from other areas and identified as limited access (<i>Guide</i> , p 19) Personnel training is provided based on risk (e.g., zoonoses, hazards, personal hygiene, special precautions, animal allergies) (<i>Guide</i> , p 20) Personal hygiene procedures are in place (e.g., work clothing, eating/drinking/smoking policies) (<i>Guide</i> , p 20) Procedures for use, storage, and disposal of hazardous biologic, chemical, and physical agents are in place (<i>Guide</i> , p 21) Personal Protective Equipment for the work area is appropriate and available (<i>Guide</i> , p 21) Program for medical evaluation and preventive medicine for personnel includes: Pre-employment evaluation including health history (<i>Guide</i> , p 22) Immunizations as appropriate (e.g., rabies, tetanus) and tests as appropriate (<i>Guide</i> , p 22) Zoonosis surveillance as appropriate (e.g., Q-fever, tularemia, Hantavirus, plague) (<i>Guide</i> , p 23) Procedures for reporting and treating injuries, including accidents, bites, allergies,	x x x x x x x x x x x x x x x x x x x	M	S	С	N.

	laws (Guide, p 22) [must]	V				
	 Waste anesthetic gases are scavenged (Guide, p 21) 	X				
	 Hearing protection is provided in high noise areas (Guide, p 22) 	X				
	 Respiratory protection is available when performing airborne particulate work (Guide, p 22) 	X				
	 Special precautions for personnel who work with nonhuman primates, their tissues or body fluids include: 					
	 Tuberculosis screening provided for all exposed personnel (Guide, p 23) 	X				
	 Training and implementation of procedures for bites, scratches, or injuries associated with macaques (Guide, p 23) 	X				
	 PPE is provided including gloves, arm protection, face masks, face shields, or goggles (Guide, p 21) 	X				
	 Injuries associated with macaques are carefully evaluated and treatment implemented (Guide, p 23) 	X				
	 Occupational safety and health of field studies is reviewed by OSH committee or office (Guide, p 32) 	X				
11	Personnel Security	A *	М	s	С	NA
	 Preventive measures in place include pre-employment screening, and physical and IT security (Guide, p 23) 	X				
12	2. Investigating & Reporting Animal Welfare Concerns	A *	М	S	C	NA
			8-8	3	-	117
	 Methods for investigating and reporting animal welfare concerns are established (Guide, p 23) [must] 	X				
	 Reported concerns and corrective actions are documented (Guide, p 24) 	X				
	 Mechanisms for reporting concerns are posted in facility and at applicable website with instructions (Guide, p 24) 	X				
	 Includes multiple contacts (Guide, p 24) 	X				
)	 Includes anonymity, whistle blower policy, nondiscrimination and reprisal protection (Guide, p 24) 	X				
		X				

* A = acceptable

M = minor deficiency

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

 \mathbf{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

Veterinary Care

Date:

1.	CI	inical Care and Management	\mathbf{A}^*	M	S	C	NA
	•	Veterinary program offers high quality of care and ethical standards (Guide, p 105)					
		[must]	Χ				
	•	Veterinarian provides guidance to all personnel to ensure appropriate husbandry,					
		handling, treatment, anesthesia, analgesia, and euthanasia (Guide, p 106)	X				
	•	Veterinarian provides oversight to surgery and perioperative care (Guide, p 106)	X				
	•	Veterinary care program is appropriate for program requirements (Guide, pp 113-114)	X				
	•	Veterinarian(s) is familiar with species and use of animals and has access to medical					
		and experimental treatment records (Guide, p 114)	X				
	•	Procedures to triage and prioritize incident reports are in place (Guide, p 114)	Χ				
	•	Procedures are in place to address:					,
		o Problems with experiments to determine course of treatment in consultation with					
		investigator (Guide, p 114)	X				
		o Recurrent or significant health problems with the IACUC and documentation of					
		treatments and outcomes (Guide, p 114)	X				
		o Veterinary review and oversight of medical and animal use records (Guide, p 115)	X				
	•	Procedures established for timely reporting of animal injury, illness, or disease (Guide,					
		p 114) [must]	X				
	•	Procedures established for veterinary assessment, treatment, or euthanasia (Guide, p					
		114) [must]	Χ				
	•	Veterinarian is authorized to treat, relieve pain, and/or euthanize (Guide, p 114)					
		[must]	X				
2.	Ar	nimal Procurement and Transportation/Preventive Medicine	A*	M	S	C	NA
	•	Procedures for lawful animal procurement are in place (Guide, p 106) [must]	X				
	•	Sufficient facilities and expertise are confirmed prior to procurement (Guide, p 106)	Χ				
	•	Procurement is linked to IACUC review and approval (Guide, p 106)	Χ				
	•	Random source dogs and cats are inspected for identification (<i>Guide</i> , p 106)	Χ				
	•	Population status of wildlife species is considered prior to procurement (<i>Guide</i> , p 106)	X				
	•	Appropriate records are maintained on animal acquisition (<i>Guide</i> , p 106)	X				
	•	Animal vendors are evaluated to meet program needs and quality (Guide, p 106)	X				
	•	Breeding colonies are based on need and managed to minimize numbers (<i>Guide</i> , p					
		107)	X				
	•	Procedures for compliance with animal transportation regulations, including					
		international requirements, are in place (<i>Guide</i> , p 107) [must]	X				
	•	Transportation is planned to ensure safety, security and minimize risk (<i>Guide</i> , p 107)	X				
	•	Movement of animals is planned to minimize transit time and deliveries are planned to					
		ensure receiving personnel are available (<i>Guide</i> , pp 107- 108)	Х				
	•	Appropriate loading and unloading facilities are available (<i>Guide</i> , p 109)	Χ				
	•	Environment at receiving site is appropriate (<i>Guide</i> , p 109)	X				
		Policies in place on separation by species, source, and health status (<i>Guide</i> , pp 109,					
		111-112)	X				
	•	Procedures in place for quarantine to include zoonoses prevention (<i>Guide</i> , p 110)	X				
	•	Quarantined animals from different shipments are handled separately or physically					
		separated (Guide, p 110)	X				
	•	Procedures in place for stabilization/acclimation (<i>Guide</i> , pp 110-111)	X				
	•	Policies in place for isolation of sick animals (<i>Guide</i> , p 112)	X				
	•	Program is in place for surveillance, diagnosis, treatment, and control of disease to					
		include daily observation (<i>Guide</i> , p 112)	X				

	•	Diagnostic resources are available for preventive health program (Guide, p 112)	X				
3.	Sı	ırgery	A *	М	S	С	NA
	•	Surgical outcomes are assessed, and corrective changes instituted (Guide, p 115)	X		1		
	•	Researchers have appropriate training to ensure good technique (Guide, p 115)					
		[must]	X				
	•	Pre-surgical plans are developed and include veterinary input (e.g., location, supplies,					
		anesthetic and analgesic use, peri-operative care, recordkeeping) (Guide, p 116)	X				
	•	Aseptic surgery is conducted in dedicated facilities or spaces, unless exception justified					
		and IACUC approved (Guide, p 116)	Χ				
	•	Surgical procedures including laparoscopic procedures are categorized as major or	V				
		minor (Guide, pp 117-118)	X				
	•	For nonsurvival surgery, the site is clipped, gloves are worn and instruments and area are clean (<i>Guide</i> , p 118)	Х				
	•	Aseptic technique is followed for survival surgical procedures (<i>Guide</i> , pp 118-119)	X				
	•	Effective procedures for sterilizing instruments and monitoring expiration dates on	^				1
		sterile packs are in place (<i>Guide</i> , p 119)	Χ				
	•	Procedures for monitoring surgical anesthesia and analgesia are in place (<i>Guide</i> , p					
		119)	Χ				
	•	For aquatic species, skin surfaces are kept moist during surgical procedures (Guide, p					
		119)	X				
	•	Post-operative monitoring and care are provided by trained personnel and documented					
		(e.g., thermoregulation, physiologic function, analgesia, infection, removal of skin					
		closures) (Guide, pp 119-120)	Χ				
4.	Pa	nin, Distress, Anesthesia, and Analgesia	A*	М	S	C	NA
		Guidelines for assessment and categorization of pain, distress and animal wellbeing	-	• • •	_	Ŭ	
		are provided during training (<i>Guide</i> , p 121)	Χ				
	•	Selection of analgesics and anesthetics is based on professional veterinary judgment			-		
		(Guide, p 121)	X				
	•	Painful procedures are monitored to ensure appropriate analgesic management					
		(Guide, p 122)	X				
	•	Nonpharmacologic control of pain is considered as an element of postprocedural care					
		(Guide, p 122)	X				
	•	Procedures are in place to assure antinociception before surgery begins (Guide, p 122)					
		[must]	X				
	•	Guidelines for selection and use of analgesics and anesthetics are in place and					
		regularly reviewed and updated (Guide, p 122)	Χ				
	•	Special precautions for the use of paralytics are in place to ensure anesthesiaxiv					
		(Guide, p 123)	X				
5.	Eu	thanasia	A*	M	S	C	NA
Ť		Methods are consistent with AVMA Guidelines on Euthanasia unless approved by the					
		IACUC (Guide, p 123)	Χ				
	•	Standardized methods are developed and approved by the veterinarian and IACUC					
		that avoid distress and consider animal age and species (Guide, pp 123-124)	X				
	•	Training is provided on appropriate methods for each species and considers					
		psychological stress to personnel (Guide, p 124)	X				
	•	Procedures and training are in place to ensure death is confirmed (Guide, p 124)					
		[must]	Χ				
6.	Dr	ug Storage and Control	A *	м	S	C	NA
-		Program complies with federal regulations for human and veterinary drugs (<i>Guide</i> , p	^	171	3	C	IAM
	0.70	115) [must]	Х				
	•	Drug records and storage procedures are reviewed during facility inspections (<i>Guide</i> , p					

	<u>115</u>)		
•	Procedures are in place to ensure analgesics and anesthetics are used within expiration date (<i>Guide</i> , p 122) [must]	X	
•	Anesthetics and analgesics are acquired, stored, and their use and disposal are recorded legally and safely (<i>Guide</i> , p 122)	X	

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S = significant deficiency (is or may be a threat to animal health or safety) **C** = change in program (PHS Policy <u>IV.A.1.a.-i.</u>) (include in semiannual report to IO and in annual report to OLAW)

NA = not applicable

I.Semiannual Facility Inspection Checklist

Terrestrial Animal Housing and Support Areas

Date:

Location:

		A*	M	S	C	N
•	Location:	/				
	animal areas separate from personnel areas (Guide, p 134)	V				
	separation of species (Guide, p 111)	V.				
	separation by disease status (<i>Guide</i> , p 111)	1				
	security and access control (Guide, p 151)					
•	Construction:					
	corridors (Guide, p 136)	1				
	animal room doors (Guide, p 137)	/				
	floors (Guide, p 137)	/				
	drainage (<i>Guide</i> , p 138)	1				
	walls and ceilings (<i>Guide</i> , p 138)	N.				
	heating ventilation and air conditioning (<i>Guide</i> , p 139)	1				
	power and lighting (<i>Guide</i> , p 141)	1	-			
	noise control (<i>Guide</i> , p 142)	1				
		1		-		
				-		
	environmental monitoring (Guide, p 143)					
	Room/Cage:	1				
	temperature and humidity (<i>Guide</i> , p 43)	1	_	_		_
	ventilation and air quality (<i>Guide</i> , p 45)	1				
	illumination (<i>Guide</i> , p 47)	1				
	noise and vibration (<i>Guide</i> , p 49)	V				
•	Primary Enclosure:					_
(space meets physiologic, behavioral xv, and socialxvi needs (<i>Guide</i> , pp 51, 55-63)					
	secure environment provided (<i>Guide</i> , <u>p 51</u>)	1				
(3					
(V				
(adequate bedding and structures for resting, sleeping, breeding (Guide, p 52)	1/				
C	objective assessments of housing and management are made (Guide, p 52)					
(procedures for routine husbandry are documented (Guide, p 52)	/				
	socially housed animals can escape or hide to avoid aggression (Guide, p 55)					
	cage height provides adequate clearance (Guide, p 56)					
C		./				
	rest away from urine and feces (Guide, p 56) [must]					
(II I will 6 O II Week	_				
	performance indices (<i>Guide</i> , p 56)					
0		1				
0		1				
	behavior reasons (<i>Guide</i> , pp 58-59)					
C		1				_
	60)					
			-			
	nonhuman primates (<i>Guide</i> , p 60)					
. E	invironmental Enrichment, Behavioral and Social Management:					
		1				_
0		1	-		+	_
С			-			_
C		1				
	developed and reviewed regularly by IACUC, researchers and veterinarian					(
	(Guide, pp 53, 58, 60, 63)					_
C		V				
	(Guide, p 53)					
emia	anual Checklist v3/8/2012	Ohta	ined b	v Rise	TON	4n

	•	Aseptic surgery is conducted in dedicated facilities or spaces, unless exception justified and IACUC approved (<i>Guide</i> , p 116)					
	٠	Surgical procedures including laparoscopic procedures are categorized as major or minor (<i>Guide</i> , pp 117-118)					
	•	For nonsurvival surgery, the site is clipped, gloves are worn and instruments and area are clean (<i>Guide</i> , p 118)					
	•	Aseptic technique is followed for survival surgical procedures (Guide, pp 118-119)					
	•	Effective procedures for sterilizing instruments and monitoring expiration dates on sterile packs are in place ($Guide$, p 119)					
	• ,	Procedures for monitoring surgical anesthesia and analgesia are in place (<i>Guide</i> , <u>p</u> <u>119</u>)					
	•	Post-operative monitoring and care are provided by trained personnel and documented (e.g., thermoregulation, physiologic function, analgesia, infection, removal of skin closures) (<i>Guide</i> , pp 119-120)					
4.	Pa	in, Distress, Anesthesia and Analgesia	\mathbf{A}^*	M	S	C	NA
	•	Guidelines for assessment and categorization of pain, distress and animal wellbeing are provided during training ($Guide$, p 121)					
	•	Selection of analgesics and anesthetics is based on professional veterinary judgment ($Guide$, p 121)					
	•	Painful procedures are monitored to ensure appropriate analgesic management (Guide, p 122)					
	•	Nonpharmacologic control of pain is considered as an element of postprocedural care (<i>Guide</i> , p 122)					
	•	Procedures are in place to assure antinoception before surgery begins (<i>Guide</i> , p 122) [must]					
	•	Guidelines for selection and use of analgesics and anesthetics are in place and regularly reviewed and updated (<i>Guide</i> , p 122)					-
	•	Special precautions for the use of paralytics are in place to ensure anesthesia xiv (Guide, p 123)					L
	Eu	thanasia	A*	M	S	C	NA
	•	Methods are consistent with AVMA Guidelines on Euthanasia unless approved by the IACUC (<i>Guide</i> , p 123)					
	٠	Standardized methods are developed and approved by the veterinarian and IACUC that avoid distress and consider animal age and species (<i>Guide</i> , pp 123-124)					
	•	Training is provided on appropriate methods for each species and considers psychological stress to personnel (<i>Guide</i> , p 124)					
	•	Procedures and training are in place to ensure death is confirmed (<i>Guide</i> , p 124) [must]					
6.	Dr	ug Storage and Control №₩	A *	М	S	C	NA
	•	Program complies with federal regulations for human and veterinary drugs(Guide, p 115) [must]					
	•	Drug records and storage procedures are reviewed during facility inspections (<i>Guide</i> , p 115)					
	•	Procedures are in place to ensure analgesics and anesthetics are used within expiration date (<i>Guide</i> , p 122) [must]					
	•	Anesthetics and analgesics are acquired, stored, and their use and disposal are recorded legally and safely (<i>Guide</i> , p 122)					
*	M = S = C =	acceptable minor deficiency significant deficiency (is or may be a threat to animal health or safety) change in program (PHS Policy <u>IV.A.1.ai.</u>) (include in semiannual report to IO and in annual report applicable	ort to	OLA	W)		
							-

+	o stability of pairs or groups is monitored for incompatibility (Guide, p 64)	
	 single housing is justified for social species (Guide, p 64) 	
	o single housing is limited to the minimum period necessary (Guide, p 64)	1/.
	o additional enrichment for single housed animals is provided (Guide, p 64)	
1	o single housing is reviewed regularly by IACUC and veterinarian (Guide, p 64)	
-	o habituation to routine procedures is part of enrichment program (<i>Guide</i> , p 64)	
12	Naturalistic Environments:	
•	in the added (some sound with consideration of effect on group (Cuide n EE)	6 /
H-Z-	Land Could a FE	
		V
•	Food:	
	o feeding schedule and procedures including caloric intake management (Guide, pp	
	65-67)	V
	o contamination prevention (<i>Guide</i> , <u>p 65</u>)	
	o vendor quality control (<i>Guide</i> , <u>p 66</u>)	V,
	o storage in sealed containers (<i>Guide</i> , <u>p 66</u>)	V,
	o expiration date labeling (<i>Guide</i> , <u>p 66</u>)	/,
	o vermin control (<i>Guide</i> , <u>p 66</u>)	V,
	o rotation of stocks (<i>Guide</i> , p 66)	
•	Water:	
	o ad libitum unless justified (<i>Guide</i> , pp 67-68)	V.
	QC procedures (<i>Guide</i> , pp 67-68)	
•	Bedding and Nesting Materials:	
	o species appropriate (<i>Guide</i> , pp 68-69)	. /
	1	
		Y/
	QC procedures (Guide, pp 68-69) Triping existing (Guide, pp 68-69)	
	o minimizes scientific variables (<i>Guide</i> , pp 68-69)	
•	Sanitation:	
	o frequency of bedding/substrate change (Guide, p 70)	
	o cleaning and disinfection of microenvironment (<i>Guide</i> , pp 70-71)	
	 cleaning and disinfection of macroenvironment (Guide, p 72) 	V
	o assessing effectiveness (Guide, p 73)	
•	Waste Disposal:	
	o procedures for collection (<i>Guide</i> , pp 73-74)	
	o procedures for storage and disposal (Guide, pp 73-74)	
	o hazardous wastes are rendered safe before removal from facility (Guide, pp 73-	
	74) [must]	
	o animal carcasses (Guide, pp 73-74)	
•	Pest Control:	
	o regularly scheduled (<i>Guide</i> , p 74)	./
	o documented program including control of rodent pests and insecticide use	/
	(Guide, p 74)	
_	Emergency, Weekend, and Holiday Animal Care:	
•	o care provided by qualified personnel every day (<i>Guide</i> , p. 74)	. /
	isian for a securible and the information (Cuide in 74)	
	o monitoring of backup systems (<i>Guide</i> , p 143)	
	 veterinary care available after hours, weekends, and holidays (Guide, pp 74, 	
	114) [must]	
	o a disaster plan that takes into account both personnel and animals (Guide, p 75)	
•	Identification:	
11-00	o cage/rack cards contain required information (Guide, p 75)	
	o genotype information included and standardized nomenclature used when	
	applicable (<i>Guide</i> , p 75)	
	Recordkeeping:	
	o clinical records accessible and contain appropriate information (<i>Guide</i> , pp 75-76)	. /
	75)	
)	Breeding Genetics and Nomenclature:	
•	1. If the second	
	<u>76)</u>	

	 phenotypes that affect wellbeing are reported to IACUC and effectively managed (Guide, p 77) 	V	-	,		
•	Storage:					
	o adequate space for equipment, supplies, food, bedding and refuse (Guide, p 141)	1				
	o bedding in vermin-free area and protected from contamination(Guide, p 141)	V	1			\top
	 food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p 141) 	V			, i	
	o refuse storage is separate (<i>Guide</i> , p 141)	1				
	 carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p 141) 	V				
•	Personnel:		1			
	o adequate space for locker rooms, administration and training (Guide, p 135)	~				

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NA = not applicable

Cagewash

ite:

		A [*]	M	S	С	NA
• C	onstruction and Operation:	,				
0	1 11 1 1 1 1 1 1 1 Constitution and antique and is provided (Cuide a					
0	cage-washing equipment meets need (Guide, p 143)					
0	doors, windows, floors, drainage, walls, ceilings (Guide, pp 136-138)					
0	convenient to animal areas/waste disposal (Guide, p 143)	1				
0	ease of access (including door size) facilitates use (Guide, p 143)	V				
0	sufficient space for staging and maneuvering (Guide, p 143)					
0	safety precautions/clothing/equipment used for waste disposal/prewash/acid wash ((Guide, p 143))	~				
, 0	traffic flow clean to dirty with no contamination of clean equipment by dirty equipment and appropriate air pressurization (Guide, p 143)	/				
0	insulation and/or sound attenuation present as needed (Guide, p 143)	V.				
0	utilities are appropriate (Guide, p 143)	1				
0	ventilation meets heat and humidity load (Guide, p 143)	V				
0	safety features (e.g., SOPs, warning signs, eyewash stations) are in use (<i>Guide</i> , p 143)	V				
0	functioning safety devices to prevent entrapment in washer/sterilizers (<i>Guide</i> , p 143)					
0	cage wash temperatures are monitored and records are available (Guide, p 73)	1				
0	appropriate clean cage storage (Guide, p 141)	~				

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NA = not applicable

Special Facilities: Aseptic Surgery

Date: Location:

_	General Considerations:	A*	M	S	C	NA
						1
	o location minimizes traffic/contamination (<i>Guide</i> , p 144)	1				
	o functional components (surgical support, animal preparation, surgeon scrub,					
	operating room, postoperative recovery) are designed and separated (physically or otherwise) (<i>Guide</i> , p 144)	0				
	 appropriate drug storage, control, expiration date monitoring (Guide, pp 115, 122) 	/				
	o safe sharps disposal system (<i>Guide</i> , p 74)	/				
	o adequate records of anesthesia and perioperative care (Guide, p 122)	/				
	o aseptic procedures in use for all survival surgery (<i>Guide</i> , pp 118-119)					
•	Operating Room:					
	o effective contamination control procedures (Guide, p 144)	/				
	 effective cleaning procedures/dedicated tools (Guide, p 145) 	1/				
	o interior surfaces smooth and impervious to moisture (Guide, p 145)	~				
	 HVAC system meets Guide requirements (Guide, p 145) 	1				
	o lighting safe and appropriate (<i>Guide</i> , p 145)	1				
	o outlets safe and appropriate (<i>Guide</i> , p 145)	/				
	 scavenging of anesthetic gases implemented (Guide, p 145) 	V				ne e
•	Surgical Support:					
	o facility for washing, sterilizing, storing instruments and supplies (Guide, p 145)					
	o autoclave monitoring procedures are implemented (<i>Guide</i> , pp 119, 145)					
	o storage of autoclaved materials maintains sterility (Guide, p 145)					
•	Animal Preparation: contains large sink to facilitate cleaning of animal and					-
	operative site (Guide, p 145)					(
•	Surgeon Scrub: outside operating room, non-hand-operated sink (Guide, p 145)					
•	Postoperative Recovery: allows adequate observation, easily cleaned, supports					
	physiologic functions, minimizes risk of injury (Guide, p 145)					
	Dressing Area: place for personnel to change (<i>Guide</i> , p 145)				- 1	
A =	acceptable					

 $[\]mathbf{A}$ = acceptable

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NA = not applicable

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

Jate: Location:

			A*	M	S	C	NA
•	Ge	eneral Considerations:					
	0	labs used to house animals only when scientifically required and limited to	/				
		minimum period necessary (<i>Guide</i> , <u>p 134</u>)	V				
	0	drug storage, control, and expiration dates (Guide, pp 115, 122)	/				
	0	sharps disposal (Guide, p 74)	V				
	0	anesthetic monitoring (Guide, p 120)	1				
	0	scavenging of anesthetic gases (Guide, p 21)	V		11-2212013		
	0	safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders)	1				
		are in place (Guide, p 19)					
	0	carcass disposal (Guide, pp 73-74)	V				
•	Ac	Iditional Concerns for Survival Surgery: (rodent and minor procedures only)	V				_
	0	rodent survival surgery clean and uncluttered, not used for anything else during	V				
		surgery (Guide, p 144)	,				
	0	records of peri-operative care (Guide, p 120)	V				
	0	aseptic procedures (Guide, pp 118-119)	V				
	0	autoclave monitoring procedures (Guide, pp 119, 145)	V,				
	0	storage of autoclaved materials (Guide, p 145)	/				
•	Ha	zardous Agent Containment: NEW	V				
	0	facility adheres to APHIS, USDA and CDC Select Agent Regulations and other					
		federal, state and local regulations including security measures (Guide, p 148)	/				
		[must]					
•	Ве	havioral Studies: NEW	•				
	0	facility minimizes airborne transmission of noise and ground-borne transmission	/				
		of vibration (<i>Guide</i> , p 149)	,				
	0	floor coverings reduce sound transmission (Guide, p 149)	V	ŭ.,			
	0	testing equipment allows for surface disinfection (Guide, p 150)	V,				
	0	components that cannot be cleaned are not in ready contact with animals and	1/				
		kept covered when not in use (Guide, p 150)	/	•			
	0	housing areas are contiguous with testing areas when appropriate (Guide, p 150)	V	me Service III			

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NA = not applicable

III. Semiannual Program Review and Facility Inspection Report

Date:

Members in Attendance:

Deficiency Category*	√	Location	Deficiency and Plan for Correction	Responsible Party	Correction Schedule and Interim Status	Date Complete
A = accent						
A = accept						

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 repo

NA = not applicable

Check if repeat deficiency

hecklist

v3/8/2012

 \mathbf{C} = change in program (PHS Policy <u>IV.A.1.a.-i.</u>) (include in semiannual report to IO and in annual report to OLAW)