

Semiannual Evaluation of the Institutional Animal Care and Use Program and Inspection of Facilities

Memorandum to: University of Southern Mississippi
[REDACTED], Vice Provost for Research

From: Institutional Animal Care and Use Committee

Subject: Semiannual Evaluation of Animal Care and Use Program
Inspection of Facilities for Fall 2019

Date: 11 November 2019

This represents the semiannual report of the Institutional Animal Care and Use Committee (IACUC), as required by the PHS Policy on Humane Care and Use of Laboratory Animals and as a condition of this institution's Animal Welfare Assurance on file with the Office of Laboratory Animal Welfare (OLAW), and USDA Animal Welfare Regulations, 9 CFR Chapter I, subchapter A, as applicable.

Evaluation of the Animal Care and Use Program

The IACUC conducted its semiannual evaluation of the institution's animal care and use program on 16 – 17 May 2019 using the Guide for the Care and Use of Laboratory Animals, 8th Edition (Guide), the Semiannual Program Review Checklist from OLAW modified for specific animal facilities, and, as applicable, 9 CFR Chapter I, 2.31

IACUC Membership: The membership of the committee has not changed over the last six months. The committee still has 7 voting members on the IACUC panel, and we meet federal regulations regarding the composition of the IACUC.

IACUC Protocols: We currently have 41 active IACUC protocols. We have continued to make minor modifications to our newly developed IACUC protocol application to better fit the needs of our panel and the PIs submitting applications.

Facilities: All facilities are adequate for the current animal population. The USDA has approved a suite of rooms within the Johnson Science Tower Animal Resources Facility for BSL-III work. There are currently no animals being used on Gulf Coast Research Laboratory main campus.

Inspection of Animal Facilities

The IACUC inspected animal care facilities on the dates listed below:

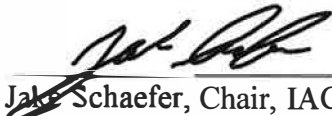
- Animal Research Facility (ARF) Johnson Science Tower on 1 November 2019
- Aquatic Animal Housing Walker Science Building on 1 November 2019
- Bush Baby facility at the Lake Thoreau Primate Facility on 1 November 2019
- Gulf Coast Research Laboratory Cedar Pointe campus on 31 October 2019
- Lake Thoreau Environmental Center on 1 November 2019

Inspection reports (including the OLAW facility specific checklists, veterinary care, and program review) are archived by [REDACTED], IACUC administrative assistant.

Deficiencies are listed in the table below.

Minority views: No Minority views

Deficiency Category	Location	Description of Deficiency	Date and Plans for Correction
Minor	Aquatic Animal Housing Walker Science Building	Two of the four dehumidifying units for the facility were not operating. At this time of year, ambient humidity was low, but issue should be resolved before spring.	Physical plant will be contacted to resolve.
Minor	Animal Research Facility (ARF) Johnson Science Tower	Cage washer is not properly logging temperatures. Other indicators (sensors) show temperatures are being reached.	Temperatures in cage washer will need to be monitored manually until electronics can be replaced. To ensure cages are clean, a disinfectant was added to wash solution.


Jake Schaefer, Chair, IACUC

11 November 2019

Date



Office of
Research Integrity

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE
ANIMAL RESOURCE FACILITY: BUSH BABIES FACILITY

SEMI-ANNUAL FACILITIES CHECKLIST

This form is to be completed and signed by IACUC members on a semi-annual basis. For criteria regarding standards of acceptability, refer to the *Guide for the Care and Use of Laboratory Animals 8th Ed.*

Primary Inspector #1: Julie Schuster

Primary Inspector #2: [REDACTED]

Construction & Operation	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Dedicated central area for sanitizing cages and equipment is provided (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cage-washing equipment meets need (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Doors, windows, floors, drainage, walls, ceilings (Guide, p. 136-138)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Convenient to animal areas/waste disposal (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease of access (including door size) facilitates use (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient space for staging and maneuvering (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Safety precautions/clothing/equipment used for waste disposal/prewash/acid wash (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Traffic flow clean to dirty with no contamination of clean equipment by dirty equipment and appropriate air pressurization (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Insulation and/or sound attenuation present as needed (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Utilities are appropriate (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ventilation meets heat and humidity load (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Operation	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Safety features (e.g., SOPs, warning signs, eyewash stations) are in use (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functioning safety devices to prevent entrapment in washer/sterilizers (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cage wash temperatures are monitored and records are available (Guide, p. 73)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Appropriate clean cage storage (Guide, p. 141)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Signature #1

Signature #2

Date

Date

NOTES:

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE
AQUATIC ANIMAL HOUSING: GULF COAST, CEDAR POINTE

SEMI-ANNUAL FACILITIES CHECKLIST

This form is to be completed and signed by IACUC members on a semi-annual basis. For criteria regarding standards of acceptability, refer to the *Guide for the Care and Use of Laboratory Animals 8th Ed.*

Primary Inspector #1:	<i>Jake Schuster</i>				
Primary Inspector #2:					
Location	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Animal Areas Separate from personnel areas (Guide, p. 134)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Separation of Species (Guide, p. 111)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Separation by disease status (Guide, p. 111)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Security and access control (Guide, p. 151)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Corridors (Guide, p. 136)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Animal room doors (Guide, p. 137, 150)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exterior windows (Guide, p. 137)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floors (Guide, p. 137, 150)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drainage (Guide, p. 138, 150)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Walls and ceiling (Guide, p. 138, 150)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Heating ventilation & air conditioning (Guide, p. 138, 150-151)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power and lighting (Guide, p. 141, 150)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Noise control (Guide, p. 142)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vibration control (Guide, p. 142)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental monitoring (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Quality	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Meets standards for acceptability (Guide, p. 78)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chlorine, chloramines, chemicals, and reactive bioproducts are removed or neutralized prior to the usage (Guide, p. 78 & p. 86)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental monitoring (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Life Support Systems	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Water source is based on appropriate controls and research requirements (Guide, p. 79)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biofilter is of sufficient size to process bioload (Guide, p. 80)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Environmental Controls	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Temperature and humidity (Guide, p. 43, 80-81)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ventilation and air quality (Guide, p. 45, 81)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Illumination (Guide, p. 47, 81)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Noise and vibration (Guide, p. 49, 81)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Primary Enclosure	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Meets normal physiological & behavioral needs (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Provides a balanced, stable environment (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Provides appropriate water quality & monitoring (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Allows access to food and waste removal (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Restricts escape and entrapment (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Allows undisturbed observation (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Constructed of non-toxic material (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Prevents electrical hazard (Guide, p. 142)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Space needs of species evaluated by IACUC (Guide, p. 83)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Enrichment	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Enrichment elicits safe and appropriate behavior (Guide, p. 83)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minimal and appropriate handling employed (Guide, p. 84)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nets are cleaned, disinfected (Guide, p. 84)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Food	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Storage to prevent contamination and pests (Guide, p. 84)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery ensures equal distribution, minimizing aggression and nutrient loss (Guide, p. 84)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Storage expiration dates & accepted practice met (Guide, p. 84)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adequate nutritional diet provided (Guide, p. 84)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Substrate, Sanitation, and Pest Control	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Amount, type and presentation of substrate is appropriate for the system and the species (Guide, p. 85)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water quality permits adequate monitoring and determines frequency of cleaning & disinfection (Guide, p. 86)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cleaning and disinfection of macroenvironment (Guide, p. 86)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Procedures for collection (Guide, p. 73-74)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Animal carcasses (Guide, p. 73-74)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Regularly scheduled pest control (Guide, p. 74)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Documented pest control & insecticide use (Guide, p. 74)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergency, Weekend, & Holiday Animal Care	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Daily care provided by qualified personnel (Guide, p. 74, 87)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Provision for accessible contact information (Guide, p. 74, 87)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
After hours veterinary care available (Guide, p. 74, 114)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergency response plans displayed (Guide, p. 87)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Adverse event flow chart displayed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Identification & Record Keeping	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Cage/tank cards contain required information (Guide, p. 75, 87)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Genotype information included and standardized nomenclature (Guide, p. 75, 87)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water quality parameters and frequency of testing recorded (Guide, p. 88)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Records kept on feeding, nonexpired food supplies, live cultures (Guide, p. 88)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Storage	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Adequate space for equipment, supplies, food, substrate and refuse (Guide, p. 141)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Substrate protected from contamination (Guide, p. 141)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p. 141)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Refuse storage is separate (Guide, p. 141)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p. 141)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Signature #1

Signature #2

Date

Date

NOTES:

Noticable Improvement to water quality with upgrated biofilter



INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE
AQUATIC ANIMAL HOUSING: WALKER SCIENCE BUILDING

SEMI-ANNUAL FACILITIES CHECKLIST

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Primary Inspector #1:

Jane Schuster

Primary Inspector #2:

Location	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Animal Areas Separate from personnel areas (Guide, p. 134)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Separation of Species (Guide, p. 111)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Separation by disease status (Guide, p. 111)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Security and access control (Guide, p. 151)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Corridors (Guide, p. 136)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Animal room doors (Guide, p. 137, 150)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floors (Guide, p. 137, 150)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drainage (Guide, p. 138, 150)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Walls and ceiling (Guide, p. 138, 150)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Heating ventilation & air conditioning (Guide, p. 138, 150-151)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power and lighting (Guide, p. 141, 150)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Noise control (Guide, p. 142)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vibration control (Guide, p. 142)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental monitoring (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Quality	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Meets standards for acceptability (Guide, p. 78)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chlorine, chloramines, chemicals, and reactive bioproducts are removed or neutralized prior to the usage (Guide, p. 78 & p. 86)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Life Support Systems	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Water source is based on appropriate controls and research requirements (Guide, p. 79)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Temperature (Guide, p. 43, 80-81)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biofilter is of sufficient size to process bioload (Guide, p. 80)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Environmental Controls	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Ventilation and air quality (Guide, p. 45, 81)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Illumination (Guide, p. 47, 81)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Noise and vibration (Guide, p. 49, 81)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Primary Enclosure	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Meets normal physiological & behavioral needs (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Provides a balanced, stable environment (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Provides appropriate water quality & monitoring (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Allows access to food and waste removal (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Restricts escape and entrapment (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Allows undisturbed observation (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Constructed of non-toxic material (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Prevents electrical hazard (Guide, p. 142)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Space needs of species evaluated by IACUC (Guide, p. 83)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Enrichment	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Enrichment elicits safe and appropriate behavior (Guide, p. 83)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minimal handling & appropriate handling techniques employed (Guide, p. 84)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nets are cleaned, disinfected and managed to avoid contamination (Guide, p. 84)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Food	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Storage to prevent contamination, preserve nutrients, and prevent pests (Guide, p. 84)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery ensures equal distribution, minimizing aggression and nutrient loss (Guide, p. 84)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Storage expiration dates & accepted practice met (Guide, p. 84)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adequate nutritional diet provided (Guide, p. 84)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sanitation and Pest Control	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Water quality permits adequate monitoring and determines frequency of cleaning & disinfection (Guide, p. 86)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cleaning and disinfection of macroenvironment (Guide, p. 86)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Procedures for collection (Guide, p. 73-74)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Animal carcasses (Guide, p. 73-74)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Regularly scheduled pest control (Guide, p. 74)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Documented pest control & insecticide use (Guide, p. 74)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergency, Weekend, & Holiday Animal Care	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Daily care provided by qualified personnel (Guide, p. 74, 87)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Provision for accessible contact information (Guide, p. 74, 87)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergency response plans displayed (Guide, p. 87)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adverse event flow chart displayed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
After hours veterinary care available (Guide, p. 74, 114)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Identification & Record Keeping	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable

Cage/tank cards contain required information (Guide, p. 75, 87)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Genotype information included and standardized nomenclature used when applicable (Guide, p. 75, 87)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water quality parameters and frequency of testing recorded (Guide, p. 88)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Records kept on feeding, nonexpired food supplies, live cultures (Guide, p. 88)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Storage	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Adequate space for equipment, supplies, food, substrate and refuse (Guide, p. 141)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Substrate protected from contamination (Guide, p. 141)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p. 141)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Refuse storage is separate (Guide, p. 141)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p. 141)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Signature #1

Signature #2

Date

Date

NOTES:

Demonstrations NOT running (2 of 4)



Office of
Research Integrity

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE
ANIMAL RESOURCE FACILITY: JOHNSON SCIENCE TOWER

SEMI-ANNUAL FACILITIES CHECKLIST

This form is to be completed and signed by IACUC members on a semi-annual basis. For criteria regarding standards of acceptability, refer to the Guide for the Care and Use of Laboratory Animals 8th Ed.

Primary Inspector #1:

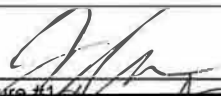

Jake Schaefer

Primary Inspector #2:

[Redacted]

Construction & Operation	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Dedicated central area for sanitizing cages and equipment is provided (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cage-washing equipment meets need (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Doors, windows, floors, drainage, walls, ceilings (Guide, p. 136-138)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Convenient to animal areas/waste disposal (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease of access (including door size) facilitates use (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient space for staging and maneuvering (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Safety precautions/clothing/equipment used for waste disposal/prewash/acid wash (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Traffic flow clean to dirty with no contamination of clean equipment by dirty equipment and appropriate air pressurization (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Insulation and/or sound attenuation present as needed (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Utilities are appropriate (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ventilation meets heat and humidity load (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Operation	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Safety features (e.g., SOPs, warning signs, eyewash stations) are in use (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functioning safety devices to prevent entrapment in washer/sterilizers (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cage wash temperatures are monitored and records are available (Guide, p. 73)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Appropriate clean cage storage (Guide, p. 141)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Primary Enclosures	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Meets normal physiological & behavioral needs (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Provide balanced, stable environments (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Provide appropriate water quality & monitoring (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Allow for social interaction for social species (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Allow access to food and waste removal (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Restrict escape and entrapment (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Allow undisturbed observation (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Constructed of non-toxic material (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Prevent electrical hazards (Guide, p. 142)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Space needs of species evaluated by IACUC (Guide, p. 83)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surgery Procedures	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Labs used to house animals only when scientifically required and limited to minimum period necessary (Guide, p. 134)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drug storage, control, and expiration dates (Guide, p. 115, 122)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sharps disposal (Guide, p. 74)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Anesthetic monitoring (Guide, p. 120)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scavenging of anesthetic gases (Guide, p. 21)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Carcass disposal (Guide, pp 73-74)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Convenient to animal areas/waste disposal (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient space for staging and maneuvering (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hazardous Agent Containment	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures (Guide, p. 148)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergency	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Emergency response plans displayed (Guide, p. 87)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adverse event flow chart displayed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Signature #1 
 Signature #2 

11-1-15
 Date
 11/1/19
 Date

NOTES: Added disinfectant to mediate cage washing temp problems.



Office of
Research Integrity

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE
AQUATIC ANIMAL HOUSING: LAKE THOREAU

SEMI-ANNUAL FACILITIES CHECKLIST

This form is to be completed and signed by IACUC members on a semi-annual basis. For criteria regarding standards of acceptability, refer to the Guide for the Care and Use of Laboratory Animals 8th Ed.

Primary Inspector #1:

John Schaefer

Primary Inspector #2:

[Redacted]

Location	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Animal Areas Separate from personnel areas (Guide, p. 134)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Separation of Species (Guide, p. 111)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Separation by disease status (Guide, p. 111)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Security and access control (Guide, p. 151)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Corridors (Guide, p. 136)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Animal room doors (Guide, p. 137, 150)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exterior windows (Guide, p. 137)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floors (Guide, p. 137, 150)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drainage (Guide, p. 138, 150)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Walls and ceiling (Guide, p. 138, 150)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Heating ventilation & air conditioning (Guide, p. 138, 150-151)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power and lighting (Guide, p. 141, 150)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Noise control (Guide, p. 142)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vibration control (Guide, p. 142)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental monitoring (Guide, p. 143)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Quality	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Meets standards for acceptability (Guide, p. 78)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chlorine, chloramines, chemicals, and reactive bioproducts are removed or neutralized prior to the usage (Guide, p. 78 & p. 86)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Life Support Systems	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Water source is based on appropriate controls and research requirements (Guide, p. 79)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biofilter is of sufficient size to process bioload (Guide, p. 80)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Environmental Controls	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Temperature and humidity (Guide, p. 43, 80-81)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ventilation and air quality (Guide, p. 45, 81)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Illumination (Guide, p. 47, 81)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Noise and vibration (Guide, p. 49, 81)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Primary Enclosure	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Meets normal physiological & behavioral needs (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Provides a balanced, stable environment (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Provides appropriate water quality & monitoring (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Allows access to food and waste removal (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Restricts escape and entrapment (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Allows undisturbed observation (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Constructed of non-toxic material (Guide, p. 82)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Prevents electrical hazard (Guide, p. 142)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Space needs of species evaluated by IACUC (Guide, p. 83)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Enrichment	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Enrichment elicits safe and appropriate behavior (Guide, p. 83)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minimal handling & appropriate handling techniques employed (Guide, p. 84)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nets are cleaned, disinfected and managed to avoid contamination (Guide, p. 84)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergency response plans displayed (Guide, p. 87)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adverse event flow chart displayed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Food	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Storage to prevent contamination, preserve nutrients, and prevent pests (Guide, p. 84)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery ensures equal distribution, minimizing aggression and nutrient loss (Guide, p. 84)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Storage expiration dates & accepted practice met (Guide, p. 84)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adequate nutritional diet provided (Guide, p. 84)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Substrate, Sanitation, and Pest Control	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Amount, type and presentation of substrate is appropriate for the system and the species (Guide, p. 85)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water quality permits adequate monitoring and determines frequency of cleaning & disinfection (Guide, p. 86)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cleaning and disinfection of macroenvironment (Guide, p. 86)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Procedures for collection (Guide, p. 73-74)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Animal carcasses (Guide, p. 73-74)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Regularly scheduled pest control (Guide, p. 74)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Documented pest control & insecticide use (Guide, p. 74)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergency, Weekend, & Holiday Animal Care	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Daily care provided by qualified personnel (Guide, p. 74, 87)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Provision for accessible contact information (Guide, p. 74, 87)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Emergency response plans for system failures (Guide, p. 87)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
After hours veterinary care available (Guide, p. 74, 114)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Identification & Record Keeping	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Cage/tank cards contain required information (Guide, p. 75, 87)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Genotype information included and standardized nomenclature used when applicable (Guide, p. 75, 87)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water quality parameters and frequency of testing recorded (Guide, p. 88)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Records kept on feeding, nonexpired food supplies, live cultures (Guide, p. 88)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Storage	Acceptable	Minor Deficiency	Significant Deficiency	Change in Program	Not Applicable
Adequate space for equipment, supplies, food, substrate and refuse (Guide, p. 141)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Substrate protected from contamination (Guide, p. 141)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p. 141)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Refuse storage is separate (Guide, p. 141)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p. 141)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Signature #1

Signature #2

Date

Date

NOTES:



Phone: 601.266.5997 | Fax: 601.266.4377 | iacuc@usm.edu | www.usm.edu/iacuc

On motion by Member _____, seconded by Member _____, and unanimously passed by those present, LET IT BE RESOLVED, that the Semiannual Evaluation of the Institutional Animal Care and Use Program and Inspection of Facilities report dated November 11, 2019, stands approved.

Obtained by Rise for Animals. Uploaded 07/07/2020