

West Texas A&M University

Memorandum to IO

To: Dr. Angela Spaulding, WTAMU VP Research and Compliance/IO;

From: WTAMU Institutional Animal Care and Use Committee

Subject: **IACUC** Semi-Annual Meeting **May 2022**

Date: **May 9, 2022**

This report summarizes the results of the IACUC committee's AWA required bi-annual program review and facility inspection, as required by the applicable Animal Welfare Act ([AWA](#)) regulations 9CFR2.31.

This report also meets the requirements of submission of semiannual reports **to the Institutional Official as a condition of this institution's Animal Welfare Assurance** with the NIH Office of Laboratory Animal Welfare (OLAW). This form may also be used for any by the IACUC committee for any requested inspections by the IO, and, as needed, to address any public and/or employees complaints.

Pre-evaluation Checklist:

- ☒ All committee members have been provided access to the approved WTAMU/CREET IACUC proposals and supporting information for review well as the IACUC Committee evaluation checklist. (Note: The IACUC Committee Review Checklist is used as the basis of the bi-annual review and was designed to meet the bi-annual review requirements outlined under 9CFR2.31(d)i-xi.).
- ☒ All committee members have been notified of the program review and facility inspections.
- ☒ No committee member wishing to participate in any part of this evaluation has been excluded.

West Texas A&M University

Since the last review, the following changes have occurred in the **institution's program for animal care and use:**

I. **Description of the Nature and Extent of the Institution's**

Adherence to the AWA (If a PHS or NIH Grant include PHS Policy, the OLAW Guide, 8th edition).

Departures from the AWA and PHS and OLAW if appropriate.

Select one:



There were no departures during this reporting period.



The following departures have been reviewed and approved by the IACUC:

II. **Deficiencies in the Institution's Animal Care and Use Program**

Animal Care and Use Program Review Date(s):

Select one:



There were no deficiencies in the program during this reporting period.



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 this Semiannual Program Review form and Facility Inspection Checklist.

III. Deficiencies in the Institution's Animal Facility

Animal Facility Inspection Date(s): 05.09.2022

Select one:

- ☒ There were no deficiencies in the animal facility during this reporting period.
- ☐ 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 this Semiannual Program Review form and Facility Inspection Checklist. The IACUC committee has the authority to require Principal Investigators and research programs to meet the requirements outlined in the AWA and implementing regulations 9CFR 2.31et. seq. as specified in Appendix A.

IV. Minority Views

Select one:

- ☒ No minority views were submitted or expressed.
- ☐ The following minority views were expressed: [insert minority views here or attach].

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

N/A

VI. Institutional Official Signatures:

West Texas A&M University

Meeting Title: IACUC: May 2022 Semi-Annual **Date:** 05.09.2022

Members in Attendance: Dr. Gary Bigham, Dr. Maxine Debutte, Dr. B.J. Newcomer, Dr. Stephen Karaganis, Dr. Dan Posey, Dr. Rex Pjesky, Justin McBride, Dr. Donna Byers, Jude Smith, via ZOOM: Dr. Vinicious Gouvêa

Others in Attendance: Karen McKaskle

Members Not in Attendance: Dr. John Richeson, Dr. Lance Baker, Dr. Matthew Beck

Quorum met? Yes

Meeting Called to Order: 9:00 AM

Meeting Adjourned: 9:41 AM

Date of Minutes Approval: June 3, 2022

Agenda One: Opening statements

Discussion: Call to order at 9:00 AM. The IACUC Chair began the meeting by describing the processes for conflicts of interest, confidentiality, and a reaffirmation of WTAMU's stance on open discussions, dissenting opinions and minority views. Any dissenting opinions or minority views will be captured in the minutes and individuals are provided opportunity to write and submit such views or opinions for documentation and deliberation. IACUC meetings are recorded solely for the purpose of meeting minutes. Any recordings are destroyed upon approval of the IACUC minutes. Each member then introduced themselves and the meeting progressed in accordance with the proposed agenda.

Agenda Two: Old Business

Discussion: During facility inspections in November 2021, five findings were discovered and reported in IndustrySafe. The findings included expired chemicals at two facilities, pest management records not readily accessible for inspectors, exposed nails in foot traffic area and one eye wash station blocked. All chemicals were removed, the nails were bent down and the items blocking the eye wash were all moved to a new location before March 31, 2022. On the May rotation of facility inspections, the pest management records were readily accessible when the committee members conducted the facility inspection. All five reported findings have been closed on IndustrySafe.

Agenda Three: USDA Inspections

Discussion:

USDA inspected IACUC active protocols, biannual reports, the buffalo pens and two labs in VERO on Thursday, May 5, 2022. USDA reported no findings.

Agenda Four: Semi- Annual Protocol review and Discussion

Discussion: Semi-annual protocol reviews were conducted via DMR. Each IACUC member can see each protocol under review, is welcome to review any protocol they wish, are provided the status of each

West Texas A&M University

protocol (approved, deferred, denied, etc.), and can recommend any protocol be reviewed by the full committee.

Agenda Five: Contingency Planning

Discussion: Dr. Bigham mentioned the USDA has made some changes for documenting animal contingency plans for emergencies. He reminded committee members that we have an animal contingency plan in place and since COVID-19 started, animals have had sufficient food, water, and medical attention. He also stated any changes needed on the WT animal contingency plan would be documented in an updated contingency plan with notification being sent to the IACUC.

Agenda Six: Facility Inspections

Discussion: Ms. McKaskle stated the IACUC has nineteen facilities where research is being conducted. Twelve facilities were inspected by two committee member teams the week of May 2nd – 5th. Three facilities were inspected by the committee on May 9th and two additional facilities will be inspected by two committee members on May 19th. The two facilities located in Kersey, CO and Lufkin, TX will be inspected in August and October respectively. All findings will be submitted and progress tracked in IndustrySafe. IACUC members will have time to review and sign all DMRs, facility inspections, and meeting minutes before submission to the IO.

Agenda Seven: Program Review

Discussion: Dr. Bigham stated a program review must be conducted as part of the Semi-Annual IACUC meetings. In the past, the program review has focused on specific sections of the program but proposed a different approach moving forward. The program review is a checklist very similar to the facility inspection checklist. Dr. Bigham proposed sending the checklist to each IACUC member to review, note improvements that are needed, items that need updates and to make comments in general. This approach will serve as a refresher for current committee members and as a good overview for both new members just added to the IACUC. Committee members were in agreement to move forward with this new approach to cover the program review.

Agenda Eight: Schedule November Meeting

Discussion: Dr. Bigham asked members to look at their November calendars to discuss possible dates for the next biannual meeting of the IACUC. It was decided the November semi-annual meeting will be held on November 11th, 2022.

Discussion: Meeting adjourned at 9:41 AM. Members left to conduct semi-annual facility inspections. Report of facility reviews and corrective action identification and timelines will be included in the Memo to the IO.

Agenda

1. Call to Order
 - Opening Statements
 - COIs/Minority Views/etc.
 - Roll Call/Quorum
2. Old Business
 - Facility Inspections from November
3. USDA Inspection - Richard
4. Annual Review Protocol Discussions
5. Schedule November Meeting
6. Adjourn
7. Facility Inspections
8. Lunch

West Texas A&M University

Semiannual Program Review/Veterinarian Checklist

Date: May 2022

1. Animal Care and Use Program	A	M	S	C	NA	DK
• Responsibility for animal well-being is assumed by all members of the program (<i>Guide, p 1</i>)	✓					
• IO has authority to allocate needed resources (<i>Guide, p 13</i>)	✓					
• Resources necessary to manage program of veterinary care are provided (<i>Guide, p 14</i>)	✓					
• Sufficient resources are available to manage the program, including training of personnel in accord with regulations and the <i>Guide</i> (<i>Guide, pp 11, 15</i>)	✓					
• Program needs are regularly communicated to IO by AV, AR-EHS and/or IACUC (<i>Guide, p 13</i>)	✓					
• Responsibilities for daily animal care and facility management are assigned to specific individual(s) when a full-time veterinarian is not available on site (<i>Guide, p 14</i>)	✓					
• Inter-institutional collaborations are described in formal written agreements (<i>Guide, p 15</i>)	✓					
• Written agreements address responsibilities, animal ownership, and IACUC oversight (<i>Guide, p 15</i>)	✓					
2. Disaster Planning and Emergency Preparedness	A	M	S	C	NA	DK
• Plans include provisions for euthanasia (<i>Guide, p 35</i>)	✓					
• Plans include triage plans to meet institutional and investigators' needs (<i>Guide, p 35</i>)	✓					
• Plans describe preservation of critical or irreplaceable animals (<i>Guide, p 35</i>)	✓					
• Plans include essential personnel and their training (<i>Guide, p 35</i>)	✓					
• Animal facility plans are approved by AR-EHS and incorporated into overall response plan (<i>Guide, p 35</i>)	✓					
3. IACUC	A	M	S	C	NA	DK
• Meets as necessary to fulfill responsibilities (<i>Guide, p 25</i>)	✓					
• IACUC Members named in protocols or with conflicts recuse themselves from protocol decisions (<i>Guide, p 26</i>)	✓					
• Continuing IACUC oversight after initial protocol approval is in place (<i>Guide, p 33</i>)	✓					
• IACUC evaluates the effectiveness of training programs (<i>Guide, p 15</i>)	✓					
4. IACUC Protocol Review – Special Considerations	A	M	S	C	NA	DK
• For pilot studies, a system to communicate with the IACUC is in place (<i>Guide, p 28</i>)					X	
• Restraint devices are justified in the animal use protocols (<i>Guide, p 29</i>)	✓					
o Alternatives to physical restraint are considered (<i>Guide, p 29</i>)	✓					
o Training of animals to adapt to restraint is provided (<i>Guide, p 29</i>)	✓					
o Animals that fail to adapt are removed from study (<i>Guide, p 29</i>)	✓					
o Appropriate observation intervals of restrained animals are provided (<i>Guide, p 29</i>)	✓					
o Veterinary care is provided if lesions or illness result from restraint (<i>Guide, p 30</i>)	✓					
o Explanations of purpose and duration of restraint are provided to study personnel (<i>Guide, p 30</i>)	✓					

West Texas A&M University

Semiannual Program Review/Veterinarian Checklist

Date:

• Multiple surgical procedures on a single animal are justified and outcomes evaluated (<i>Guide, p 30</i>)	✓					
• Major versus minor surgical procedures are evaluated on a case-by-case basis (<i>Guide, p 30</i>)	✓					
• Multiple survival procedure justifications in non-regulated species conform to regulated species standards (<i>Guide, p 30</i>)	✓					
• Animals on food/fluid restriction are monitored to ensure nutritional needs are met (<i>Guide, p 31</i>)	✓					
○ Body weights for food/fluid restricted animals are recorded at least weekly (<i>Guide, p 31</i>)	✓					
○ Daily written records are maintained for food/fluid restricted animals (<i>Guide, p 31</i>)	✓					
• Pharmaceutical grade chemicals are used, when available, for animal-related procedures (<i>Guide, p 31</i>)	✓					
• Non-pharmaceutical grade chemicals are described, justified, and approved by IACUC (<i>Guide, p 31</i>)	✓					
• Investigators conducting field studies know zoonotic diseases, safety issues, laws and regulations applicable in study area (<i>Guide, p 32</i>)	✓					
• 5. IACUC Membership and Functions	A	M	S	C	NA	DK
• IACUC is comprised of at least 5 members, appointed by CEO (PHS Policy, <i>IV.A.3.</i>)	✓					
• Members include a veterinarian, a scientist, a nonscientist, and a nonaffiliated non-lab animal user (<i>Guide, p 24</i>)	✓					
• IACUC authority and resources for oversight and evaluation of institution's program are provided (<i>Guide, p 14</i>)	✓					
• IACUC conducts semiannual evaluations of institutional animal care and use program (PHS Policy, <i>IV.B.</i>)	✓					
• Conducts semiannual inspections of institutional animal facilities (PHS Policy, <i>IV.B.</i>)	✓					
• IACUC organizationally reports to the Institutional Official (PHS Policy, <i>IV.A.1.b.</i>)	✓					
• Methods for reporting and investigating animal welfare concerns are in place (<i>Guide, p 23</i>)	✓					
• Reviews and investigates concerns about animal care and use at institution (PHS Policy, <i>IV.B.</i>)	✓					
• Procedures are in place for review, approval, and suspension of animal activities (PHS Policy, <i>IV.B.</i>)	✓					
• Policies are in place for special procedures (e.g., genetically modified animals, restraint, multiple survival surgery, food and fluid regulation, field investigations, agricultural animals) (<i>Guide, p 27-32</i>)	✓					
• Requests for exemptions from major survival surgical procedure restrictions are made to USDA/APHIS (<i>Guide, p 30</i>)	✓					
• 6. IACUC Training	A	M	S	C	NA	DK
All IACUC members should receive:	✓					
• Formal orientation to institution's program (<i>Guide, p 17</i>)	✓					
○ Training on legislation, regulations, guidelines, and policies (<i>Guide, p 17</i>)	✓					
○ Training on how to inspect facilities and labs where animal use or housing occurs (<i>Guide, p 17</i>)	✓					

West Texas A&M University

Semiannual Program Review/Veterinarian Checklist

Date:

o Training on how to review protocols as well as evaluate the program (<i>Guide, p 17</i>)	✓					
o Ongoing training/education (<i>Guide, p 17</i>)	✓					
o 7. IACUC Records and Reporting Requirements (AR-EHS)	A	M	S	C	NA	DK
<i>Semiannual report to the IO (PHS Policy, IV.B.)</i>					X	
• Submitted to IO every 6 months	✓					
o Compiles program review and facility inspection(s) results (includes all program and facility deficiencies)	✓					
o Includes minority IACUC views	✓					
o Describes IACUC-approved departures from the <i>Guide</i> or PHS Policy and the reasons for each departure	✓					
o Distinguishes significant from minor deficiencies	✓					
o Includes a plan and schedule for correction for each deficiency identified	✓					
o <i>Reports to OLAW (PHS Policy, IV.F.)</i>					X	
• Annual report to OLAW documents program changes, dates of the semiannual program reviews and facility inspections and includes any minority views	✓					
o Promptly advises OLAW of serious/ongoing <i>Guide</i> deviations or PHS Policy noncompliance (NOT-OD-05-034)	✓					
o Institute must promptly advise OLAW of any suspension of an animal activity by the IACUC (NOT-OD-05-034)	✓					
o Reports to U.S. Department of Agriculture (USDA) or Federal funding agency	✓					
• Annual report to USDA contains required information including all exceptions/exemptions	✓					
o Reporting mechanism to USDA is in place for IACUC-approved exceptions to the regulations and standards	✓					
o Reports are filed within 15 days for failures to adhere to timetable for correction of significant deficiencies	✓					
o Promptly reports suspensions of activities by the IACUC to USDA and any Federal funding agency	✓					
o IACUC meeting minutes and semiannual reports to the IO are maintained for 3 years	✓					
• Records of IACUC reviews of animal activities include all required information	✓					
o Records of IACUC reviews are maintained for 3 years after the completion of the study	✓					
o 8. Personnel Qualifications and Training	A	M	S	C	NA	DK
o All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included:	✓					
Veterinary/other professional staff (<i>Guide, p 15-16</i>)	✓					
• IACUC members (<i>Guide, p 17</i>)	✓					
o Animal care personnel (<i>Guide, p 16</i>)	✓					
o Research investigators, instructors, technicians, trainees, and students (<i>Guide, pp 16-17</i>)	✓					
o Continuing education for program and research staff provided to ensure high quality care and	✓					

West Texas A&M University

Semiannual Program Review/Veterinarian Checklist

Date:

reinforce training (<i>Guide, pp 16-17</i>)	✓					
o Training is available prior to starting animal activity (<i>Guide, p 17</i>)	✓					
• Training is documented (<i>Guide, p 15</i>)	✓					
• Methods for reporting concerns (<i>Guide, p 17</i>)	✓					
• Humane practices of animal care (e.g., housing, husbandry, handling)	✓					
o Humane practices of animal use (e.g., research procedures, use of anesthesia, pre- and post-operative care, aseptic surgical techniques and euthanasia (<i>Guide, p 17</i>))	✓					
o Research/testing methods that minimize numbers necessary to obtain valid results (PHS Policy, <i>IV.A.1.g.</i>)	✓					
o Research/testing methods that minimize animal pain or distress (PHS Policy, <i>IV.A.1.g.</i>)	✓					
o Use of hazardous agents, including access to OSHA chemical hazard notices where applicable (<i>Guide, p 20</i>)	✓					
• Animal care and use legislation (<i>Guide, p 17</i>)	✓					
• IACUC function (<i>Guide, p 17</i>)	✓					
• Ethics of animal use and Three R's (<i>Guide, p 17</i>)	✓					
o 9. Occupational Health and Safety of Personnel (AR-EHS)	A	M	S	C	NA	DK
• Program is in place and is consistent with federal, state, and local regulations (<i>Guide, p 17</i>)						
• Program covers <i>all</i> personnel who work in laboratory animal facilities (<i>Guide, p 18</i>)						
• Washing facilities are available as appropriate (<i>Guide, p 19</i>)						
• Personnel training is provided based on risk (e.g., zoonoses, hazards, personal hygiene, special precautions, animal allergies) (<i>Guide, p 20</i>)						
• Personal hygiene procedures are in place (e.g., work clothing, eating/drinking/smoking policies) (<i>Guide, p 20</i>)						
• Procedures for use, storage, and disposal of hazardous biologic, chemical, and physical agents are in place (<i>Guide, p 21</i>)						
• Personal Protective Equipment for the work area is appropriate and available (<i>Guide, p 21</i>)						
• Program for medical evaluation and preventive medicine for personnel includes:						
• Pre-employment evaluation including health history (<i>Guide, p 22</i>)						
• Immunizations as appropriate (e.g., rabies, tetanus) and tests as appropriate (<i>Guide, p 22</i>)						
o Procedures for reporting and treating injuries, including accidents, bites, allergies, etc. (<i>Guide, p 23</i>)						
o Promotes early diagnosis of allergies including preexisting conditions (<i>Guide, p 22</i>)						
o Considers confidentiality and other legal factors as required by federal, state and local regulations (<i>Guide, p 22</i>)						
• If serum samples are collected, the purpose is consistent with federal and state laws (<i>Guide, p 22</i>)						
• Waste anesthetic gases are scavenged (<i>Guide, p 21</i>)						

did not review this section

West Texas A&M University

Semiannual Program Review/Veterinarian Checklist

Date:

Did not
review this
section

• Hearing protection is provided in high noise areas (<i>Guide, p 22</i>)						
• Respiratory protection is available when performing airborne particulate work (<i>Guide, p 22</i>)						
• 10. Personnel Security	A	M	S	C	NA	DK
• Preventive measures in place include pre-employment screening, and physical and IT security (<i>Guide, p 23</i>)						
• 11. Investigating & Reporting Animal Welfare Concerns	A	M	S	C	NA	DK
Methods for investigating and reporting animal welfare concerns are established (<i>Guide, p 23</i>)						
• Reported concerns and corrective actions are documented (<i>Guide, p 24</i>)						
Mechanisms for reporting concerns are posted in facility and at applicable website with instructions (<i>Guide, p 24</i>)						
• Includes multiple contacts (<i>Guide, p 24</i>)						
• Includes anonymity, whistle blower policy, nondiscrimination and reprisal protection (<i>Guide, p 24</i>)						

A = acceptable

M = minor deficiency

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

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

NA = not applicable

DK = Don't know

Veterinarian Checklist:

1. Veterinary Care	A	M	S	C	NA	DK
• An arrangement for veterinarian(s) with training or experience in lab animal medicine is in place including backup veterinary care	✓					
• Veterinary access to all animals is provided (<i>Guide, p 14</i>)	✓					
• Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (<i>Guide, p 14</i>)	✓					
• Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (<i>Guide, p 5</i>)	✓					
• Veterinarian provides consultation when interventional control is not possible (<i>Guide, p 5</i>)	✓					
• Regular communication occurs between veterinarian and IACUC (<i>Guide, p 14</i>)	✓					
• Veterinarian(s) have experience and training in species used (<i>Guide, p 15</i>)	✓					
• Veterinarian(s) have experience in facility administration/management (<i>Guide, p 15</i>)	✓					
• 2. Clinical Care and Management - Veterinary	A	M	S	C	NA	DK
• Veterinary program offers high quality of care and ethical standards (<i>Guide, p 105</i>)						
• Veterinarian provides guidance to all personnel to ensure appropriate husbandry, handling, treatment, anesthesia, analgesia, and euthanasia (<i>Guide, p 106</i>)						
• Veterinarian provides oversight to surgery and perioperative care (<i>Guide, p 106</i>)						
• Veterinary care program is appropriate for program requirements (<i>Guide, pp 113-114</i>)						

Did not
review this
section

West Texas A&M University

Semiannual Program Review/Veterinarian Checklist

Date:

<ul style="list-style-type: none"> Veterinarian(s) is familiar with species and use of animals and has access to medical and experimental treatment records (Guide, p 114) 						
<ul style="list-style-type: none"> Procedures to triage and prioritize incident reports are in place (Guide, p 114) 						
Procedures are in place to address:						
<ul style="list-style-type: none"> Problems with experiments to determine course of treatment in consultation with investigator(Guide, p 114) <ul style="list-style-type: none"> Recurrent or significant health problems with the IACUC and documentation of treatments and outcomes (Guide, p 114) Veterinary review and oversight of medical and animal use records (Guide, p 115) Procedures established for timely reporting of animal injury, illness, or disease (Guide, p 114) 						
<ul style="list-style-type: none"> Procedures established for veterinary assessment, treatment, or euthanasia (Guide, p 114) 						
<ul style="list-style-type: none"> Veterinarian is authorized to treat, relieve pain, and/or euthanize (Guide, p 114) 						
<ul style="list-style-type: none"> 3. Animal Procurement & Transportation/Preventative Medicine 	A	M	S	C	NA	DK
<ul style="list-style-type: none"> Procedures for lawful animal procurement are in place (Guide, p 106) 						
<ul style="list-style-type: none"> Sufficient facilities and expertise are confirmed prior to procurement (Guide, p 106) 						
<ul style="list-style-type: none"> Procurement is linked to IACUC review and approval (Guide, p 106) 						
<ul style="list-style-type: none"> Random source dogs and cats are inspected for identification (Guide, p 106) 						
<ul style="list-style-type: none"> Population status of wildlife species is considered prior to procurement (Guide, p 106) 						
<ul style="list-style-type: none"> Appropriate records are maintained on animal acquisition (Guide, p 106) 						
<ul style="list-style-type: none"> Animal vendors are evaluated to meet program needs and quality (Guide, p 106) 						
<ul style="list-style-type: none"> Breeding colonies are based on need and managed to minimize numbers (Guide, p 107) 						
<ul style="list-style-type: none"> Procedures for compliance with animal transportation regulations, including international requirements, are in place (Guide, p 107) 						
<ul style="list-style-type: none"> Transportation is planned to ensure safety, security and minimize risk (Guide, p 107) 						
<ul style="list-style-type: none"> Movement of animals is planned to minimize transit time and deliveries are planned to ensure receiving personnel are available (Guide, pp 107- 108) 						
<ul style="list-style-type: none"> Appropriate loading and unloading facilities are available (Guide, p 109) 						
<ul style="list-style-type: none"> Environment at receiving site is appropriate (Guide, p 109) 						
<ul style="list-style-type: none"> Policies in place on separation by species, source, and health status (Guide, pp 109, 111-112) 						
<ul style="list-style-type: none"> Procedures in place for quarantine to include zoonoses prevention (Guide, p 110) 						
<ul style="list-style-type: none"> Quarantined animals from different shipments are handled separately or physically separated (Guide, p 110) 						
<ul style="list-style-type: none"> Procedures in place for stabilization/acclimation (Guide, pp 110-111) 						
<ul style="list-style-type: none"> Policies in place for isolation of sick animals (Guide, p 112) 						

Did not
review this
section

West Texas A&M University

Semiannual Program Review/Veterinarian Checklist

Date: _____

Did not
review this
section

<ul style="list-style-type: none"> Program is in place for surveillance, diagnosis, treatment and control of disease to include daily observation (<i>Guide, p 112</i>) 						
<ul style="list-style-type: none"> Diagnostic resources are available for preventive health program (<i>Guide, p 112</i>) 						
<ul style="list-style-type: none"> 4. Surgery 	A	M	S	C	NA	DK
<ul style="list-style-type: none"> Surgical outcomes are assessed and corrective changes instituted (<i>Guide, p 115</i>) 						
<ul style="list-style-type: none"> Researchers have appropriate training to ensure good technique (<i>Guide, p 115</i>) 						
<ul style="list-style-type: none"> Pre-surgical plans are developed and include veterinary input (e.g., location, supplies, anesthetic and analgesic use, peri-operative care, recordkeeping) (<i>Guide, p 116</i>) 						
<ul style="list-style-type: none"> Aseptic surgery is conducted in dedicated facilities or spaces, unless exception justified and IACUC approved (<i>Guide, p 116</i>) 						
<ul style="list-style-type: none"> Surgical procedures including laparoscopic procedures are categorized as major or minor (<i>Guide, pp 117-118</i>) 						
<ul style="list-style-type: none"> For nonsurvival surgery, the site is clipped, gloves are worn and instruments and area are clean (<i>Guide, p 118</i>) 						
<ul style="list-style-type: none"> Aseptic technique is followed for survival surgical procedures (<i>Guide, pp 118-119</i>) 						
<ul style="list-style-type: none"> Effective procedures for sterilizing instruments and monitoring expiration dates on sterile packs are in place (<i>Guide, p 119</i>) 						
<ul style="list-style-type: none"> Procedures for monitoring surgical anesthesia and analgesia are in place (<i>Guide, p 119</i>) 						
<ul style="list-style-type: none"> 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, pp 119-120</i>) 						
<ul style="list-style-type: none"> 5. Pain, Distress, Anesthesia and Analgesia 	A	M	S	C	NA	DK
<ul style="list-style-type: none"> Guidelines for assessment and categorization of pain, distress and animal wellbeing are provided during training (<i>Guide, p 121</i>) 						
<ul style="list-style-type: none"> Selection of analgesics and anesthetics is based on professional veterinary judgment (<i>Guide, p 121</i>) 						
<ul style="list-style-type: none"> Painful procedures are monitored to ensure appropriate analgesic management (<i>Guide, p 122</i>) 						
<ul style="list-style-type: none"> Nonpharmacologic control of pain is considered as an element of postprocedural care (<i>Guide, p 122</i>) 						
<ul style="list-style-type: none"> Guidelines for selection and use of analgesics and anesthetics are in place and regularly reviewed and updated (<i>Guide, p 122</i>) 						
<ul style="list-style-type: none"> Special precautions for the use of paralytics are in place to ensure anesthesia (<i>Guide, p 123</i>) 						
<ul style="list-style-type: none"> 6. Euthanasia 	A	M	S	C	NA	DK
<ul style="list-style-type: none"> Methods are consistent with AVMA Guidelines on Euthanasia unless approved by the IACUC (<i>Guide, p 123</i>) 						
<ul style="list-style-type: none"> Standardized methods are developed and approved by the veterinarian and IACUC that avoid distress and consider animal age and species (<i>Guide, pp 123-124</i>) 						
<ul style="list-style-type: none"> Training is provided on appropriate methods for each species and considers psychological stress to personnel (<i>Guide, p 124</i>) 						

West Texas A&M University

Semiannual Program Review/Veterinarian Checklist

Date:

<ul style="list-style-type: none"> Procedures and training are in place to ensure death is confirmed (<i>Guide</i>, p 124) 						
<ul style="list-style-type: none"> 7. Drug Storage and Control 	A	M	S	C	NA	DK
<ul style="list-style-type: none"> Program complies with federal regulations for human and veterinary drugs(<i>Guide</i>, p 115) 	✓					
<ul style="list-style-type: none"> Drug records and storage procedures are reviewed during facility inspections (<i>Guide</i>, p 115) 	✓					
<ul style="list-style-type: none"> Procedures are in place to ensure analgesics and anesthetics are used within expiration date (<i>Guide</i>, p 122) 	✓					
<ul style="list-style-type: none"> Anesthetics and analgesics are acquired, stored, and their use and disposal are recorded legally and safely (<i>Guide</i>, p 122) 	✓					

M = minor deficiency

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

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

NA = not applicable

DK = Don't know

RECORD FOR RELEASE

Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Oversight (ARLO) on 09/23/2022

Lindsey G001813

West Texas A&M University

IACUC #	Title	PI/CI	Email
2021.08.001	Rumen Fluid for Physiology and Integrated Animal Care Teaching Laboratories	Eades, Erma	seades@wtamu.edu
2020.05.003	Standard Operating Procedures for Feeding and Care of the Rodeo Team Practice Cattle	Hollabaugh, Raymond; Fabrizio, Jordan	rhollabaugh@wtamu.edu ; jfabrizio@wtamu.edu
2021.08.002	Evaluating duration of tylosin phosphate treatment in feedlot cattle for liver abscess prevention to ensure efficacy (HHS:FDA Grant 1U01FD007049-01)	MORLEY, PAUL	pmorley@wtamu.edu
2021.08.003	Plasma glucose homeostasis physiology lab	NEWCOMER, BENJAMIN	bnewcomer@wtamu.edu
2021.09.003	Comparison of left and right body composition endpoints in beef cattle using carcass ultrasound	Perkins, Tommy; Lawrence, Ty; Richeson, John; Jesko, Noah	tperkins@wtamu.edu ; tlawrence@wtamu.edu ; jricheson@wtamu.edu ;
2021.10.004	Effects of Ultrasound Technician on Ultrasonic Estimates of Carcass Data in Beef Cattle	Perkins, Tommy; Wuest, Nerissa	tperkins@wtamu.edu ; nbechtolwuest1@buffs.wtamu.edu
2021.06.005	Horse Center Teaching	Pipkin, John; Baker, Lance; Love-Ellis	jpipkin@wtamu.edu ; lbaker@wtamu.edu ;
2021.09.002	Effect of Tilmove and Tilmove with a yeast-based probiotic in high-risk, newly received feedlot cattle	Richeson, John	jricheson@wtamu.edu
2019.05.004	Standard Operating Procedures for care and housing of horses used at the WTAMU Research Feedlot	Richeson, John	jricheson@wtamu.edu
2021.10.002		Samuelson, Kendall	ksamuelson@wtamu.edu
2020.04.003	Do high-risk cattle benefit from consuming a high energy finishing diet immediately upon arrival to the feedlot?	Samuelson, Kendall	ksamuelson@wtamu.edu
2020.09.001	Investigating the effects of cattle source on dietary preferences of newly received feedlot calves and interactions with serum chemistry and complete blood count analysis	Samuelson, Kendall; Richeson, John; Hernandez, Alicia; Polanco, Fil	ksamuelson@wtamu.edu ; jricheson@wtamu.edu ; aghernandez7@buffs.wtamu.edu ; fpolanco@wtamu.edu
2021.09.001	Enhancing Soil Ecosystem and Resilience through Pasture cropping	Steffens, Tim; Lust, David; Posey, Dan; Funk, Jenny; Newcomer,	tim.steffens@wtamu.edu ; dlust@wtamu.edu ; dposey@wtamu.edu ;

100

100

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<ul style="list-style-type: none"> o species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (<i>Guide</i>, pp 53, 58, 60, 63) 	✓		
<ul style="list-style-type: none"> o animal care personnel receive training to identify abnormal animal behaviors (<i>Guide</i>, p 53) 	✓		
<ul style="list-style-type: none"> o stability of pairs or groups is monitored for incompatibility (<i>Guide</i>, p 64) 	✓		
<ul style="list-style-type: none"> o single housing is justified for social species (<i>Guide</i>, p 64) 	✓		
<ul style="list-style-type: none"> o single housing is limited to the minimum period necessary (<i>Guide</i>, p 64) 	✓		
<ul style="list-style-type: none"> o additional enrichment for single housed animals is provided (<i>Guide</i>, p 64) 	✓		
<ul style="list-style-type: none"> o single housing is reviewed regularly by IACUC and veterinarian (<i>Guide</i>, p 64) 	✓		
<ul style="list-style-type: none"> o habituation to routine procedures is part of enrichment program (<i>Guide</i>, p 64) 	✓		
<ul style="list-style-type: none"> • Sheltered or Outdoor Housing: (e.g., barns, corrals, pastures, islands) <ul style="list-style-type: none"> o weather protection and opportunity for retreat (<i>Guide</i>, p 54) [must] 	✓		
<ul style="list-style-type: none"> o appropriate size (<i>Guide</i>, p 54) 	✓		
<ul style="list-style-type: none"> o ventilation and sanitation of shelter (no waste/moisture build-up) (<i>Guide</i>, p 54) 	✓		
<ul style="list-style-type: none"> o animal acclimation (<i>Guide</i>, p 55) 	✓		
<ul style="list-style-type: none"> o social compatibility (<i>Guide</i>, p 55) 	✓		
<ul style="list-style-type: none"> o roundup/restraint procedures (<i>Guide</i>, p 55) 	✓		
<ul style="list-style-type: none"> o appropriate security (<i>Guide</i>, p 55) 	✓		
<ul style="list-style-type: none"> • Naturalistic Environments: <ul style="list-style-type: none"> o animals added /removed with consideration of effect on group (<i>Guide</i>, p 55) 	✓		
<ul style="list-style-type: none"> o adequate food, fresh water, and shelter ensured (<i>Guide</i>, p 55) 	✓		
<ul style="list-style-type: none"> • Food: <ul style="list-style-type: none"> o feeding schedule and procedures including caloric intake management (<i>Guide</i>, pp 65-67) 	✓		
<ul style="list-style-type: none"> o contamination prevention (<i>Guide</i>, p 65) 	✓		
<ul style="list-style-type: none"> o vendor quality control (<i>Guide</i>, p 66) 	✓		
<ul style="list-style-type: none"> o storage in sealed containers (<i>Guide</i>, p 66) 	✓		
<ul style="list-style-type: none"> o expiration date labeling (<i>Guide</i>, p 66) 	✓		
<ul style="list-style-type: none"> o vermin control (<i>Guide</i>, p 66) 	✓		
<ul style="list-style-type: none"> o rotation of stocks (<i>Guide</i>, p 66) 	✓		
<ul style="list-style-type: none"> • Water: <ul style="list-style-type: none"> o ad libitum unless justified (<i>Guide</i>, pp 67-68) 	✓		
<ul style="list-style-type: none"> o QC procedures (<i>Guide</i>, pp 67-68) 	✓		
<ul style="list-style-type: none"> • Bedding and Nesting Materials: <ul style="list-style-type: none"> o species appropriate (<i>Guide</i>, pp 68-69) 	✓		
<ul style="list-style-type: none"> o keeps animals dry (<i>Guide</i>, pp 68-69) 	✓		
<ul style="list-style-type: none"> o QC procedures (<i>Guide</i>, pp 68-69) 	✓		
<ul style="list-style-type: none"> o minimizes scientific variables (<i>Guide</i>, pp 68-69) 	✓		
<ul style="list-style-type: none"> • Sanitation: <ul style="list-style-type: none"> o frequency of bedding/substrate change (<i>Guide</i>, p 70) 	✓		
<ul style="list-style-type: none"> o cleaning and disinfection of microenvironment (<i>Guide</i>, pp 70-71) 	✓		
<ul style="list-style-type: none"> o cleaning and disinfection of macroenvironment (<i>Guide</i>, p 72) 	✓		
<ul style="list-style-type: none"> o assessing effectiveness (<i>Guide</i>, p 73) 	✓		
<ul style="list-style-type: none"> • Waste Disposal: <ul style="list-style-type: none"> o procedures for collection (<i>Guide</i>, pp 73-74) 	✓		
<ul style="list-style-type: none"> o procedures for storage and disposal (<i>Guide</i>, pp 73-74) 	✓		
<ul style="list-style-type: none"> o hazardous wastes are rendered safe before removal from facility (<i>Guide</i>, pp 73-74) [must] 	✓		
<ul style="list-style-type: none"> o animal carcasses (<i>Guide</i>, pp 73-74) 	✓		
<ul style="list-style-type: none"> • Pest Control: <ul style="list-style-type: none"> o regularly scheduled (<i>Guide</i>, p 74) 	✓		
<ul style="list-style-type: none"> o documented program including control of rodent pests and insecticide use (<i>Guide</i>, p 74) 	✓		
<ul style="list-style-type: none"> • Emergency, Weekend, and Holiday Animal Care: <ul style="list-style-type: none"> o care provided by qualified personnel every day (<i>Guide</i>, p 74) 	✓		
<ul style="list-style-type: none"> o provision for accessible contact information (<i>Guide</i>, p 74) 	✓		
<ul style="list-style-type: none"> o monitoring of backup systems (<i>Guide</i>, p 143) 	✓		

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o veterinary care available after hours, weekends, and holidays (<i>Guide</i> , pp 74, 114)	✓	
[must]		
o a disaster plan that takes into account both personnel and animals (<i>Guide</i> , p 75)	✓	
• Identification:		
o cage/rack cards contain required information (<i>Guide</i> , 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)	✓	
o records are provided when animals are transferred between institutions (<i>Guide</i> , p 75)	✓	
• Breeding Genetics and Nomenclature:		
o appropriate genetic records, management and monitoring procedures (<i>Guide</i> , p 76)	✓	
o phenotypes that affect wellbeing are reported to IACUC and effectively managed (<i>Guide</i> , p 77)	✓	
• Storage:		
o adequate space for equipment, supplies, food, bedding and refuse (<i>Guide</i> , p 141)	✓	
o bedding in vermin-free area and protected from contamination (<i>Guide</i> , p 141)	✓	
o food in vermin-free, temperature and humidity controlled area and protected from contamination (<i>Guide</i> , p 141)	✓	
o refuse storage is separate (<i>Guide</i> , p 141)	✓	
o carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (<i>Guide</i> , p 141)		✓
• Personnel:		
o adequate space for locker rooms, administration and training (<i>Guide</i> , p 135)	✓	

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

NOTES:

Stephen Karaganis

5/5/22

5/5/22

West Texas A&M University

5/3/22

I. Semiannual Facility Inspection Checklist

Terrestrial Animal Housing and Support Areas

Location:

Date:

A= Acceptable

M= Minor deficiency

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

C= Change in program PHS Policy IV.A.1.a.-i. (Include in semiannual report to IO and annual report to OLAW)

NA= Not applicable

Location:

NA Animal areas separate from personnel areas (*Guide*, p 134)

A Separation of species (*Guide*, p 111)

NA Separation by disease status (*Guide*, p 111)

A Security and access control (*Guide*, p 151)

Construction:

NA Corridors (*Guide*, p 136)

NA Animal room doors (*Guide*, p 137)

Exterior windows (*Guide*, p 137)

Floors (*Guide*, p 137)

Drainage (*Guide*, p 138)

Walls and ceilings (*Guide*, p 138)

Heating, ventilation and air conditioning (*Guide*, p 139)

Power and lighting (*Guide*, p 141)

Noise control (*Guide*, p 142)

Vibration control (*Guide*, p 142)

NA Environmental monitoring (*Guide*, p 143)

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Room/Cage:

- NA Temperature and humidity (*Guide*, p 43)
- ✓ Ventilation and air quality (*Guide*, p 45)
- ✓ Illumination (*Guide*, p 47)
- NA Noise and vibration (*Guide*, p 49)

Primary Enclosure:

- A Space meets physiologic, behavioral and social needs (*Guide*, pp 51, 55-63)
- NA Secure environment provided (*Guide*, p 51)
- ✓ Durable, nontoxic materials in good repair and no risk of injury (*Guide*, p 51)
- NA Flooring is safe and appropriate for species (*Guide*, p 51)
- ✓ Adequate bedding and structures for resting, sleeping, and breeding (*Guide*, p 52)
- A Objective assessments of housing and management are made (*Guide*, p 52)
- A Procedures for routine husbandry are documented (*Guide*, p 52)
- A Socially housed animals can escape or hide to avoid aggression (*Guide*, p 55)
- NA Cage height provides adequate clearance (*Guide*, p 56)
- ✓ Animals express natural postures, can turn around, access food and water, and rest away from urine and feces (*Guide*, p 56)
- ✓ Rationale for Guide/USDA space exceptions approved by IACUC and based on performance indices (*Guide*, p 56)
- ✓ Dogs and cats allowed to exercise and provided human interaction (*Guide*, p 58)
- ✓ Nonhuman primates are socially housed except for scientific, veterinary or behavior reasons (*Guide*, pp 58-59)
- ✓ Single housing of nonhuman primates is for shortest duration possible (*Guide*, p 60)
- ✓ Opportunities for release into larger enclosures is considered for single caged nonhuman primates (*Guide*, p 60)
- ✓ Agricultural animals are housed socially (*Guide*, p 60)
- NA Food troughs and water devices for agricultural animals allow access for all animals (*Guide*, p 60)

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Environmental Enrichment, Behavioral and Social Management:

- NA Structures and resources promote species-typical behavior (*Guide*, pp 52-54)
- S Novelty of enrichment is considered (*Guide*, p 53)
- NA Species-specific plans for housing include enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (*Guide*, pp 53, 58, 60, 63)
- A Animal care personnel receive training to identify abnormal behaviors (*Guide*, p 53)
- NA Stability of pairs or groups is monitored for incompatibility (*Guide*, p 64)
- Single housing is justified for social species (*Guide*, p 64)
- Single housing is limited to the minimum period necessary (*Guide*, p 64)
- Additional enrichment for single-housed animals is provided (*Guide*, p 64)
- Single housing is reviewed regularly by IACUC and veterinarian (*Guide*, p 64)
- NA Habituation to routine procedures is part of enrichment program (*Guide*, p 64)

Sheltered or Outdoor Housing: (e.g., barns, corrals, pastures, islands)

- A Weather protection and opportunity for retreat (*Guide*, p 54)
- A Appropriate size (*Guide*, p 54)
- A Ventilation and sanitation of shelter (no waste/moisture build-up) (*Guide*, p 54)
- A Animal acclimation (*Guide*, p 55)
- A Social compatibility (*Guide*, p 55)
- A Roundup/restraint procedures (*Guide*, p 55)
- A Appropriate security (*Guide*, p 55)

Naturalistic Environments:

- A Animals added/removed with consideration of effect on group (*Guide*, p 55)
- A Adequate food, fresh water, and shelter ensured (*Guide*, p 55)

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Food:

- ~~A~~ Feeding schedule and procedures including caloric intake management (*Guide*, pp 65-67)
- ~~A~~ Contamination prevention (*Guide*, p 65)
- ~~NA~~ Vendor quality control (*Guide*, p 66)
- ~~S~~ Storage in sealed containers (*Guide*, p 66)
- ~~S~~ Expiration date labeling (*Guide*, p 66)
- ~~S~~ Vermin control (*Guide*, p 66)
- ~~NA~~ Rotation of stocks (*Guide*, p 66)

Water:

- ~~A~~ Ad libitum unless justified (*Guide*, pp 67-68)
- ~~A~~ QC procedures (*Guide*, pp 67-68)

Bedding and Nesting Materials:

- ~~NA~~ Species appropriate (*Guide*, pp 68-69)
- ~~S~~ Keeps animal dry (*Guide*, pp 68-69)
- ~~S~~ QC procedures (*Guide*, pp 68-69)
- ~~NA~~ Minimizes scientific variables (*Guide*, pp 68-69)

Sanitation:

- ~~NA~~ Frequency of bedding/substrate change (*Guide*, p 70)
- ~~S~~ Cleaning and disinfection of microenvironment (*Guide*, pp 70-71)
- ~~S~~ Cleaning and disinfection of macroenvironment (*Guide*, p 72)
- ~~NA~~ Assessing effectiveness (*Guide*, p 73)

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Waste Disposal:

- A Procedures for collection (*Guide*, pp 73-74)
- A Procedures for storage and disposal (*Guide*, pp 73-74)
- NA Hazardous wastes are rendered safe before removal from facility (*Guide*, pp 73-74)
- A Animal carcasses (*Guide*, pp 73-74)

Pest Control:

- NA Regularly scheduled (*Guide*, p 74)
- NA Documented program including control of rodent pests and insecticide use (*Guide*, p 74)

Emergency, Weekend, and Holiday Animal Care:

- A Care provided by qualified personnel every day (*Guide*, p 74)
- A Provision for accessible contact information (*Guide*, p 74)
- NA Monitoring of backup systems (*Guide*, p 143)
- A Veterinary care available after hours, weekends and holidays (*Guide*, pp 74, 114)
- A A disaster plan that takes into account both personnel and animals (*Guide*, p 75)

Identification:

- NA Cage/rack cards contain required information (*Guide*, p 75)
- NA Genotype information included and standardized nomenclature used when applicable
Guide (p. 75)

Recordkeeping:

- A Clinical records accessible and contain required information (*Guide*, pp 75-76)
- A Records are provided when animals are transferred between institutions (*Guide*, p 75)

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Breeding Genetics and Nomenclature:

- A Appropriate genetic records, management and monitoring procedures (*Guide*, p 76)
- A Phenotypes that affect wellbeing are reported to IACUC and effectively managed (*Guide*, p 77)

Storage:

- NA Adequate space for equipment, supplies, food, bedding and refuse (*Guide*, p 141)
- Bedding in vermin-free area and protected from contamination (*Guide*, p 141)
- Food in vermin-free, temperature and humidity controlled area and protected from contamination (*Guide*, p 141)
- Refuse storage is separate (*Guide*, p 141)
- NA Carcass and animal tissue storage is separate, refrigerated below 7°C (seven degrees Celsius) and cleanable (*Guide*, p 141)

Personnel:

- NA Adequate space for locker rooms, administration and training (*Guide*, p 135)

A= Acceptable

M= Minor deficiency

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

C= Change in program PHS Policy IV.A.1.a.-i.) (Include in semiannual report to IO and annual report to OLAW)

NA= Not applicable

Chair Signature

5/3/22
L. A. B.

5/3/22
[Signature]

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I. Semiannual Facility Inspection Checklist

Terrestrial Animal Housing and Support Areas

Date: May 2, 2022

Location: Nance Ranch, Canyon, TX

	A*	M	S	C	NA
<ul style="list-style-type: none"> • Location: <ul style="list-style-type: none"> o animal areas separate from personnel areas (<i>Guide, p 134</i>) o separation of species (<i>Guide, p 111</i>) o separation by disease status (<i>Guide, p 111</i>) o security and access control (<i>Guide, p 151</i>) 	✓	✓	✓		
<ul style="list-style-type: none"> • Construction: <ul style="list-style-type: none"> o corridors (<i>Guide, p 136</i>) o animal room doors (<i>Guide, p 137</i>) o exterior windows (<i>Guide, p 137</i>) o floors (<i>Guide, p 137</i>) o drainage (<i>Guide, p 138</i>) o walls and ceilings (<i>Guide, p 138</i>) o heating ventilation and air conditioning (<i>Guide, p 139</i>) o power and lighting (<i>Guide, p 141</i>) o noise control (<i>Guide, p 142</i>) o vibration control (<i>Guide, p 142</i>) o environmental monitoring (<i>Guide, p 143</i>) 	✓	✓	✓	✓	✓
<ul style="list-style-type: none"> • Room/Cage: <ul style="list-style-type: none"> o temperature and humidity (<i>Guide, p 43</i>) o ventilation and air quality (<i>Guide, p 45</i>) o illumination (<i>Guide, p 47</i>) o noise and vibration (<i>Guide, p 49</i>) 					✓
<ul style="list-style-type: none"> • Primary Enclosure: <ul style="list-style-type: none"> o space meets physiologic, behavioralⁱ, and socialⁱⁱ needs (<i>Guide, pp 51, 55-63</i>) o secure environment provided (<i>Guide, p 51</i>) o durable, nontoxic materials in good repair and no risk of injury (<i>Guide, p 51</i>) o flooring is safe and appropriate for species (<i>Guide, p 51</i>) o adequate bedding and structures for resting, sleeping, breeding (<i>Guide, p 52</i>) o objective assessments of housing and management are made (<i>Guide, p 52</i>) o procedures for routine husbandry are documented (<i>Guide, p 52</i>) o socially housed animals can escape or hide to avoid aggression (<i>Guide, p 55</i>) o cage height provides adequate clearance (<i>Guide, p 56</i>) o animals express natural postures, can turn around, access food and water, and rest away from urine and feces (<i>Guide, p 56</i>) must o rationaleⁱⁱⁱ for Guide/USDA space exceptions approved by IACUC and based on performance indices (<i>Guide, p 56</i>) o dogs and cats allowed to exercise and provided human interaction (<i>Guide, p 58</i>) o nonhuman primates are socially housed except for scientific, veterinary or behavior reasons (<i>Guide, pp 58-59</i>) o single housing of nonhuman primates is for shortest duration possible (<i>Guide, p 60</i>) o opportunities for release into larger enclosures is considered for single caged nonhuman primates (<i>Guide, p 60</i>) o agricultural animals are housed socially (<i>Guide, p 60</i>) o food troughs and water devices for agricultural animals allow access for all animals (<i>Guide, p 60</i>) 	✓	✓	✓	✓	✓
<ul style="list-style-type: none"> • Environmental Enrichment, Behavioral and Social Management: <ul style="list-style-type: none"> o structures and resources promote species typical behavior (<i>Guide, pp 52-54</i>) o novelty of enrichment is considered (<i>Guide, p 53</i>) 	✓	✓	✓		

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- species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (*Guide*, pp 53, 58, 60, 63) ✓
- animal care personnel receive training to identify abnormal animal behaviors (*Guide*, p 53) ✓
- stability of pairs or groups is monitored for incompatibility (*Guide*, p 64) ✓
- single housing is justified for social species (*Guide*, p 64) ✓
- single housing is limited to the minimum period necessary (*Guide*, p 64) ✓
- additional enrichment for single housed animals is provided (*Guide*, p 64) ✓
- single housing is reviewed regularly by IACUC and veterinarian (*Guide*, p 64) ✓
- habituation to routine procedures is part of enrichment program (*Guide*, p 64) ✓
- **Sheltered or Outdoor Housing:** (e.g., barns, corrals, pastures, islands)
 - weather protection and opportunity for retreat (*Guide*, p 54) **must** ✓
 - appropriate size (*Guide*, p 54) ✓
 - ventilation and sanitation of shelter (no waste/moisture build-up) (*Guide*, p 54) ✓
 - animal acclimation (*Guide*, p 55) ✓
 - social compatibility (*Guide*, p 55) ✓
 - roundup/restraint procedures (*Guide*, p 55) ✓
 - appropriate security (*Guide*, p 55) ✓
- **Naturalistic Environments:**
 - animals added /removed with consideration of effect on group (*Guide*, p 55) ✓
 - adequate food, fresh water, and shelter ensured (*Guide*, p 55) ✓
- **Food:**
 - feeding schedule and procedures including caloric intake management (*Guide*, pp 65-67) ✓
 - contamination prevention (*Guide*, p 65) ✓
 - vendor quality control (*Guide*, p 66) ✓
 - storage in sealed containers (*Guide*, p 66) ✓
 - expiration date labeling (*Guide*, p 66) ✓
 - vermin control (*Guide*, p 66) ✓
 - rotation of stocks (*Guide*, p 66) ✓
- **Water:**
 - ad libitum unless justified (*Guide*, pp 67-68) ✓
 - QC procedures (*Guide*, pp 67-68) ✓
- **Bedding and Nesting Materials:**
 - species appropriate (*Guide*, pp 68-69) ✓
 - keeps animals dry (*Guide*, pp 68-69) ✓
 - QC procedures (*Guide*, pp 68-69) ✓
 - minimizes scientific variables (*Guide*, pp 68-69) ✓
- **Sanitation:**
 - frequency of bedding/substrate change (*Guide*, p 70) ✓
 - cleaning and disinfection of microenvironment (*Guide*, pp 70-71) ✓
 - cleaning and disinfection of macroenvironment (*Guide*, p 72) ✓
 - assessing effectiveness (*Guide*, p 73) ✓
- **Waste Disposal:**
 - procedures for collection (*Guide*, pp 73-74) ✓
 - procedures for storage and disposal (*Guide*, pp 73-74) ✓
 - hazardous wastes are rendered safe before removal from facility (*Guide*, pp 73-74) **must** ✓
 - animal carcasses (*Guide*, pp 73-74) ✓
- **Pest Control:**
 - regularly scheduled (*Guide*, p 74) ✓
 - documented program including control of rodent pests and insecticide use (*Guide*, p 74) ✓
- **Emergency, Weekend, and Holiday Animal Care:**
 - care provided by qualified personnel every day (*Guide*, p 74) ✓
 - provision for accessible contact information (*Guide*, p 74) ✓
 - monitoring of backup systems (*Guide*, p 143) ✓

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- o veterinary care available after hours, weekends, and holidays (Guide, pp 74, 114) ✓
- o **Trust** a disaster plan that takes into account both personnel and animals (Guide, p 75) ✓
- **Identification:**
 - o cage/rack cards contain required information (Guide, p 75) ✓
 - o genotype information included and standardized nomenclature used when applicable (Guide, p 75) ✓
- **Recordkeeping:**
 - o clinical records accessible and contain appropriate information (Guide, pp 75-76) ✓
 - o records are provided when animals are transferred between institutions (Guide, p 75) ✓
- **Breeding Genetics and Nomenclature:**
 - o appropriate genetic records, management and monitoring procedures (Guide, p 76) ✓
 - o phenotypes that affect wellbeing are reported to IACUC and effectively managed (Guide, p 77) ✓
- **Storage:**
 - o adequate space for equipment, supplies, food, bedding and refuse (Guide, p 141) ✓
 - o bedding in vermin-free area and protected from contamination (Guide, p 141) ✓
 - o food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p 141) ✓
 - o refuse storage is separate (Guide, p 141) ✓
 - o carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p 141) ✓
- **Personnel:**
 - o adequate space for locker rooms, administration and training (Guide, p 135) ✓

A = acceptable

M = minor deficiency

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

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

NA = not applicable

NOTES:

L. Baker 5/2/22
 Gph 2.0 5/2/22

Location: WT Rodeo Grounds, Canyon, TX

Lindsey G001813

West Texas A&M University

o species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (Guide, pp 53, 58, 60, 63)	✓				
o animal care personnel receive training to identify abnormal animal behaviors (Guide, p 53)	✓				
o stability of pairs or groups is monitored for incompatibility (Guide, p 64)	✓				
o single housing is justified for social species (Guide, p 64)	✓				
o single housing is limited to the minimum period necessary (Guide, p 64)	✓				
o additional enrichment for single housed animals is provided (Guide, p 64)	✓				
o single housing is reviewed regularly by IACUC and veterinarian (Guide, p 64)	✓				
o habituation to routine procedures is part of enrichment program (Guide, p 64)	✓				
• Sheltered or Outdoor Housing: (e.g., barns, corrals, pastures, islands)					
o weather protection and opportunity for retreat (Guide, p 54) [must]	✓				
o appropriate size (Guide, p 54)	✓				
o ventilation and sanitation of shelter (no waste/moisture build-up) (Guide, p 54)	✓				
o animal acclimation (Guide, p 55)	✓				
o social compatibility (Guide, p 55)	✓				
o roundup/restraint procedures (Guide, p 55)	✓				
o appropriate security (Guide, p 55)	✓				
• Naturalistic Environments:					
o animals added /removed with consideration of effect on group (Guide, p 55)	✓				
o adequate food, fresh water, and shelter ensured (Guide, p 55)	✓				
• Food:					
o feeding schedule and procedures including caloric intake management (Guide, pp 65-67)	✓				
o contamination prevention (Guide, p 65)	✓				
o vendor quality control (Guide, p 66)	✓				
o storage in sealed containers (Guide, p 66)	✓				
o expiration date labeling (Guide, p 66)	✓				
o vermin control (Guide, p 66)	✓				
o rotation of stocks (Guide, p 66)	✓				
• Water:					
o ad libitum unless justified (Guide, pp 67-68)	✓				
o QC procedures (Guide, pp 67-68)	✓				
• Bedding and Nesting Materials:					
o species appropriate (Guide, pp 68-69)	✓				
o keeps animals dry (Guide, pp 68-69)	✓				
o QC procedures (Guide, pp 68-69)	✓				
o minimizes scientific variables (Guide, pp 68-69)					✓
• Sanitation:					
o frequency of bedding/substrate change (Guide, p 70)	✓				
o cleaning and disinfection of microenvironment (Guide, pp 70-71)	✓				
o cleaning and disinfection of macroenvironment (Guide, p 72)	✓				
o assessing effectiveness (Guide, p 73)	✓				
• Waste Disposal:					
o procedures for collection (Guide, 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 (Guide, 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 (Guide, p 74)	✓				
o provision for accessible contact information (Guide, p 74)	✓				
o monitoring of backup systems (Guide, p 143)	✓				

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o veterinary care available after hours, weekends, and holidays (<i>Guide, pp 74, 114</i>)	✓					
[must]	✓					
o a disaster plan that takes into account both personnel and animals (<i>Guide, p 75</i>)	✓					
• Identification:						
o cage/rack cards contain required information (<i>Guide, p 75</i>)						✓
o genotype information included and standardized nomenclature used when applicable (<i>Guide, p 75</i>)						✓
• Recordkeeping:						
o clinical records accessible and contain appropriate information (<i>Guide, pp 75-76</i>)	✓					
o records are provided when animals are transferred between institutions (<i>Guide, p 75</i>)	✓					
• Breeding Genetics and Nomenclature:						
o appropriate genetic records, management and monitoring procedures (<i>Guide, p 76</i>)						✓
o phenotypes that affect wellbeing are reported to IACUC and effectively managed (<i>Guide, p 77</i>)						✓
• Storage:						
o adequate space for equipment, supplies, food, bedding and refuse (<i>Guide, p 141</i>)	✓					
o bedding in vermin-free area and protected from contamination (<i>Guide, p 141</i>)	✓					
o food in vermin-free, temperature and humidity controlled area and protected from contamination (<i>Guide, p 141</i>)	✓					
o refuse storage is separate (<i>Guide, p 141</i>)						✓
o carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (<i>Guide, p 141</i>)	✓					
• Personnel:						
o adequate space for locker rooms, administration and training (<i>Guide, p 135</i>)	✓					

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

NOTES:

Cable on fence should be replaced. Important but not urgent.

Kim Gysin
John Z...

West Texas A&M University

5/3/22

I. Semiannual Facility Inspection Checklist

Terrestrial Animal Housing and Support Areas

Location:

Date:

A= Acceptable

M= Minor deficiency

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

C= Change in program PHS Policy (V.A.1.a.-i.) (Include in semiannual report to IO and annual report to OLAW)

NA= Not applicable

Location:

- A Animal areas separate from personnel areas (*Guide, p 134*)
- A Separation of species (*Guide, p 111*)
- A Separation by disease status (*Guide, p 111*)
- A Security and access control (*Guide, p 151*)

Construction:

- A Corridors (*Guide, p 136*)
- A Animal room doors (*Guide, p 137*)
- A Exterior windows (*Guide, p 137*)
- A Floors (*Guide, p 137*)
- A Drainage (*Guide, p 138*)
- A Walls and ceilings (*Guide, p 138*)
- A Heating, ventilation and air conditioning (*Guide, p 139*)
- A Power and lighting (*Guide, p 141*)
- A Noise control (*Guide, p 142*)
- A Vibration control (*Guide, p 142*)
- A Environmental monitoring (*Guide, p 143*)

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Room/Cage:

- NA Temperature and humidity (*Guide*, p 43)
- ✓ Ventilation and air quality (*Guide*, p 45)
- ✓ Illumination (*Guide*, p 47)
- ✓ Noise and vibration (*Guide*, p 49)

Primary Enclosure:

- A Space meets physiologic, behavioral and social needs (*Guide*, pp 51, 55-63)
- A Secure environment provided (*Guide*, p 51)
- A Durable, nontoxic materials in good repair and no risk of injury (*Guide*, p 51)
- A Flooring is safe and appropriate for species (*Guide*, p 51)
- A Adequate bedding and structures for resting, sleeping, and breeding (*Guide*, p 52)
- A 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)
- NA Cage height provides adequate clearance (*Guide*, p 56)
- A Animals express natural postures, can turn around, access food and water, and rest away from urine and feces (*Guide*, p 56)
- NA Rationale for Guide/USDA space exceptions approved by IACUC and based on performance indices (*Guide*, p 56)
- NA Dogs and cats allowed to exercise and provided human interaction (*Guide*, p 58)
- NA Nonhuman primates are socially housed except for scientific, veterinary or behavior reasons (*Guide*, pp 58-59)
- NA Single housing of nonhuman primates is for shortest duration possible (*Guide*, p 60)
- NA Opportunities for release into larger enclosures is considered for single caged nonhuman primates (*Guide*, p 60)
- A Agricultural animals are housed socially (*Guide*, p 60)
- A Food troughs and water devices for agricultural animals allow access for all animals (*Guide*, p 60)

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Environmental Enrichment, Behavioral and Social Management:

- A Structures and resources promote species-typical behavior (*Guide*, pp 52-54)
- A Novelty of enrichment is considered (*Guide*, p 53)
- ~~NA~~ A Species-specific plans for housing include enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (*Guide*, pp 53, 58, 60, 63)
- A Animal care personnel receive training to identify abnormal behaviors (*Guide*, p 53)
- A Stability of pairs or groups is monitored for incompatibility (*Guide*, p 64)
- A Single housing is justified for social species (*Guide*, p 64)
- A Single housing is limited to the minimum period necessary (*Guide*, p 64)
- A Additional enrichment for single-housed animals is provided (*Guide*, p 64)
- A Single housing is reviewed regularly by IACUC and veterinarian (*Guide*, p 64)
- A Habituation to routine procedures is part of enrichment program (*Guide*, p 64)

Sheltered or Outdoor Housing: (e.g., barns, corrals, pastures, islands)

- A Weather protection and opportunity for retreat (*Guide*, p 54)
- ~ Appropriate size (*Guide*, p 54)
- ~ Ventilation and sanitation of shelter (no waste/moisture build-up) (*Guide*, p 54)
- ~ Animal acclimation (*Guide*, p 55)
- ~ Social compatibility (*Guide*, p 55)
- ~ Roundup/restraint procedures (*Guide*, p 55)
- A Appropriate security (*Guide*, p 55)

Naturalistic Environments:

- NA Animals added/removed with consideration of effect on group (*Guide*, p 55)
- A Adequate food, fresh water, and shelter ensured (*Guide*, p 55)

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Food:

- A Feeding schedule and procedures including caloric intake management (*Guide*, pp 65-67)
- Contamination prevention (*Guide*, p 65)
- Vendor quality control (*Guide*, p 66)
- Storage in sealed containers (*Guide*, p 66)
- Expiration date labeling (*Guide*, p 66)
- Vermin control (*Guide*, p 66)
- A Rotation of stocks (*Guide*, p 66)

Water:

- A Ad libitum unless justified (*Guide*, pp 67-68)
- A QC procedures (*Guide*, pp 67-68)

Bedding and Nesting Materials:

- A Species appropriate (*Guide*, pp 68-69)
- A Keeps animal dry *Guide*, pp 68-69)
- A QC procedures *Guide*, pp 68-69)
- A Minimizes scientific variables *Guide*, pp 68-69)

Sanitation:

- A Frequency of bedding/substrate change (*Guide*, p 70)
- A Cleaning and disinfection of microenvironment (*Guide*, pp 70-71)
- A Cleaning and disinfection of macroenvironment (*Guide*, p 72)
- A Assessing effectiveness (*Guide*, p 73)

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Waste Disposal:

- A Procedures for collection (*Guide*, pp 73-74)
- A Procedures for storage and disposal (*Guide*, pp 73-74)
- A Hazardous wastes are rendered safe before removal from facility (*Guide*, pp 73-74)
- A Animal carcasses (*Guide*, pp 73-74)

Pest Control:

- A Regularly scheduled (*Guide*, p 74)
- A Documented program including control of rodent pests and insecticide use (*Guide*, p 74)

Emergency, Weekend, and Holiday Animal Care:

- A Care provided by qualified personnel every day (*Guide*, p 74)
- A Provision for accessible contact information (*Guide*, p 74)
- A Monitoring of backup systems (*Guide*, p 143)
- A Veterinary care available after hours, weekends and holidays (*Guide*, pp 74, 114)
- A A disaster plan that takes into account both personnel and animals (*Guide*, p 75)

Identification:

- NA Cage/rack cards contain required information (*Guide*, p 75)
- NA Genotype information included and standardized nomenclature used when applicable
Guide (p. 75)

Recordkeeping:

- A Clinical records accessible and contain required information (*Guide*, pp 75-76)
- A Records are provided when animals are transferred between institutions (*Guide*, p 75)

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Breeding Genetics and Nomenclature:

- A* Appropriate genetic records, management and monitoring procedures (*Guide*, p 76)
- NA* Phenotypes that affect wellbeing are reported to IACUC and effectively managed (*Guide*, p 77)

Storage:

- A* Adequate space for equipment, supplies, food, bedding and refuse (*Guide*, p 141)
- A* Bedding in vermin-free area and protected from contamination (*Guide*, p 141)
- A* Food in vermin-free, temperature and humidity controlled area and protected from contamination (*Guide*, p 141)
- A* Refuse storage is separate (*Guide*, p 141)
- A* Carcass and animal tissue storage is separate, refrigerated below 7°C (seven degrees Celsius) and cleanable (*Guide*, p 141)

Personnel:

- A* Adequate space for locker rooms, administration and training (*Guide*, p 135)

A= Acceptable

M= Minor deficiency

S= Significant efficiency (is or may be a threat to animal health and safety)

C= Change in program PHS Policy IV.A.1.a.-i.) (Include in semiannual report to IO and annual report to OLAW)

NA= Not applicable

Chair Signature

L.A.B. - 5/3/22
[Signature] 5/3/2022

West Texas A&M University

I. Semiannual Facility Inspection Checklist

Terrestrial Animal Housing and Support Areas

Date: May 3, 2022

Location:

	A*	M	S	C	NA
• Location:					
○ animal areas separate from personnel areas (<i>Guide</i> , p 134)	X				
○ separation of species (<i>Guide</i> , p 111)	X				X
○ separation by disease status (<i>Guide</i> , p 111)	X				
○ security and access control (<i>Guide</i> , p 151)	X				
• Construction:					
○ corridors (<i>Guide</i> , p 136)	X				
○ animal room doors (<i>Guide</i> , p 137)	X				
○ exterior windows (<i>Guide</i> , p 137)	X				
○ floors (<i>Guide</i> , p 137)	X				
○ drainage (<i>Guide</i> , p 138)	X				
○ walls and ceilings (<i>Guide</i> , p 138)	X				
○ heating ventilation and air conditioning (<i>Guide</i> , p 139)	X				
○ power and lighting (<i>Guide</i> , p 141)	X				
○ noise control (<i>Guide</i> , p 142)	X				
○ vibration control (<i>Guide</i> , p 142)	X				
○ environmental monitoring (<i>Guide</i> , p 143)	X				
• Room/Cage:					
○ temperature and humidity (<i>Guide</i> , p 43)					X
○ ventilation and air quality (<i>Guide</i> , p 45)					X
○ illumination (<i>Guide</i> , p 47)					X
○ noise and vibration (<i>Guide</i> , p 49)					X
• Primary Enclosure:					
○ space meets physiologic, behavioral ⁱ , and social ⁱⁱ needs (<i>Guide</i> , pp 51, 55-63)	X				
○ secure environment provided (<i>Guide</i> , p 51)	X				
○ durable, nontoxic materials in good repair and no risk of injury (<i>Guide</i> , p 51)	X				
○ flooring is safe and appropriate for species (<i>Guide</i> , p 51)	X				
○ adequate bedding and structures for resting, sleeping, breeding (<i>Guide</i> , p 52)	X				
○ objective assessments of housing and management are made (<i>Guide</i> , p 52)	X				
○ procedures for routine husbandry are documented (<i>Guide</i> , p 52)	X				
○ socially housed animals can escape or hide to avoid aggression (<i>Guide</i> , p 55)	X				
○ cage height provides adequate clearance (<i>Guide</i> , p 56)					X
○ animals express natural postures, can turn around, access food and water, and rest away from urine and feces (<i>Guide</i> , p 56) [must]	X				
○ rationale ⁱⁱⁱ for <i>Guide</i> /USDA space exceptions approved by IACUC and based on performance indices (<i>Guide</i> , p 56)					X
○ dogs and cats allowed to exercise and provided human interaction (<i>Guide</i> , p 58)					X
○ nonhuman primates are socially housed except for scientific, veterinary or behavior reasons (<i>Guide</i> , pp 58-59)					X
○ single housing of nonhuman primates is for shortest duration possible (<i>Guide</i> , p 60)					X
○ opportunities for release into larger enclosures is considered for single caged nonhuman primates (<i>Guide</i> , p 60)					X
○ agricultural animals are housed socially (<i>Guide</i> , p 60)					
○ food troughs and water devices for agricultural animals allow access for all animals (<i>Guide</i> , p 60)	X				
• Environmental Enrichment, Behavioral and Social Management:					
○ structures and resources promote species typical behavior (<i>Guide</i> , pp 52-54)	X				
○ novelty of enrichment is considered (<i>Guide</i> , p 53)					X

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[illegible]

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o veterinary care available after hours, weekends, and holidays (<i>Guide</i> , pp 74, 114)	X				
[must]	X				
o a disaster plan that takes into account both personnel and animals (<i>Guide</i> , p 75)	X				
• Identification:					
o cage/rack cards contain required information (<i>Guide</i> , p 75)					X
o genotype information included and standardized nomenclature used when applicable (<i>Guide</i> , p 75)					X
• Recordkeeping:					
o clinical records accessible and contain appropriate information (<i>Guide</i> , pp 75-76)	X				
o records are provided when animals are transferred between institutions (<i>Guide</i> , p 75)					X
• Breeding Genetics and Nomenclature:					
o appropriate genetic records, management and monitoring procedures (<i>Guide</i> , p 76)	X				
o phenotypes that affect wellbeing are reported to IACUC and effectively managed (<i>Guide</i> , p 77)					X
• Storage:					
o adequate space for equipment, supplies, food, bedding and refuse (<i>Guide</i> , p 141)	X				
o bedding in vermin-free area and protected from contamination (<i>Guide</i> , p 141)	X				
o food in vermin-free, temperature and humidity controlled area and protected from contamination (<i>Guide</i> , p 141)	X				
o refuse storage is separate (<i>Guide</i> , p 141)	X				
o carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (<i>Guide</i> , p 141)	X				
• Personnel:					
o adequate space for locker rooms, administration and training (<i>Guide</i> , p 135)	X				

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

NOTES:

John Z. Rice 5/4/22

Stephen Karayannis 5/4/2022



West Texas A&M University

I. Semiannual Facility Inspection Checklist

Terrestrial Animal Housing and Support Areas

Date: May 2, 2022

Location: VERO, Canyon, TX

A* M S C NA

• Location:					
○ animal areas separate from personnel areas (<i>Guide, p 134</i>)	✓				
○ separation of species (<i>Guide, p 111</i>)	✓				
○ separation by disease status (<i>Guide, p 111</i>)	✓				
○ security and access control (<i>Guide, p 151</i>)	✓				
• Construction:					
○ corridors (<i>Guide, p 136</i>)	✓				
○ animal room doors (<i>Guide, p 137</i>)	✓				
○ exterior windows (<i>Guide, p 137</i>)	✓				
○ floors (<i>Guide, p 137</i>)	✓				
○ drainage (<i>Guide, p 138</i>)	✓				
○ walls and ceilings (<i>Guide, p 138</i>)	✓				
○ heating ventilation and air conditioning (<i>Guide, p 139</i>)	✓				
○ power and lighting (<i>Guide, p 141</i>)	✓				
○ noise control (<i>Guide, p 142</i>)	✓				
○ vibration control (<i>Guide, p 142</i>)	✓				
○ environmental monitoring (<i>Guide, p 143</i>)	✓				
• Room/Cage:					
○ temperature and humidity (<i>Guide, p 43</i>)	✓				
○ ventilation and air quality (<i>Guide, p 45</i>)	✓				
○ illumination (<i>Guide, p 47</i>)	✓				
○ noise and vibration (<i>Guide, p 49</i>)	✓				
• Primary Enclosure:					
○ space meets physiologic, behavioral ⁱ , and social ⁱⁱ needs (<i>Guide, pp 51, 55-63</i>)	✓				
○ secure environment provided (<i>Guide, p 51</i>)	✓				
○ durable, nontoxic materials in good repair and no risk of injury (<i>Guide, p 51</i>)	✓				
○ flooring is safe and appropriate for species (<i>Guide, p 51</i>)	✓				
○ adequate bedding and structures for resting, sleeping, breeding (<i>Guide, p 52</i>)	✓				
○ objective assessments of housing and management are made (<i>Guide, p 52</i>)	✓				
○ procedures for routine husbandry are documented (<i>Guide, p 52</i>)	✓				
○ socially housed animals can escape or hide to avoid aggression (<i>Guide, p 55</i>)	✓				
○ cage height provides adequate clearance (<i>Guide, p 56</i>)	✓				
○ animals express natural postures, can turn around, access food and water, and rest away from urine and feces (<i>Guide, p 56</i>)	✓				
○ rationale ⁱⁱⁱ for <i>Guide</i> /USDA space exceptions approved by IACUC and based on performance indices (<i>Guide, p 56</i>)	✓				
○ dogs and cats allowed to exercise and provided human interaction (<i>Guide, p 58</i>)	✓				
○ nonhuman primates are socially housed except for scientific, veterinary or behavior reasons (<i>Guide, pp 58-59</i>)					✓
○ single housing of nonhuman primates is for shortest duration possible (<i>Guide, p 60</i>)					✓
○ opportunities for release into larger enclosures is considered for single caged nonhuman primates (<i>Guide, p 60</i>)					✓
○ agricultural animals are housed socially (<i>Guide, p 60</i>)					✓
○ food troughs and water devices for agricultural animals allow access for all animals (<i>Guide, p 60</i>)					✓
• Environmental Enrichment, Behavioral and Social Management:					
○ structures and resources promote species typical behavior (<i>Guide, pp 52-54</i>)	✓				
○ novelty of enrichment is considered (<i>Guide, p 53</i>)	✓				

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o species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (<i>Guide</i> , pp 53, 58, 60, 63)	✓				
o animal care personnel receive training to identify abnormal animal behaviors (<i>Guide</i> , p 53)	✓				
o stability of pairs or groups is monitored for incompatibility (<i>Guide</i> , p 64)	✓				
o single housing is justified for social species (<i>Guide</i> , p 64)	✓				
o single housing is limited to the minimum period necessary (<i>Guide</i> , p 64)	✓				
o additional enrichment for single housed animals is provided (<i>Guide</i> , p 64)	✓				
o single housing is reviewed regularly by IACUC and veterinarian (<i>Guide</i> , p 64)	✓				
o habituation to routine procedures is part of enrichment program (<i>Guide</i> , p 64)	✓				
• Sheltered or Outdoor Housing: (e.g., barns, corrals, pastures, islands)					
o weather protection and opportunity for retreat (<i>Guide</i> , p 54) [must]	✓				
o appropriate size (<i>Guide</i> , p 54)	✓				
o ventilation and sanitation of shelter (no waste/moisture build-up) (<i>Guide</i> , p 54)	✓				
o animal acclimation (<i>Guide</i> , p 55)	✓				
o social compatibility (<i>Guide</i> , p 55)	✓				
o roundup/restraint procedures (<i>Guide</i> , p 55)	✓				
o appropriate security (<i>Guide</i> , p 55)	✓				
• Naturalistic Environments:					
o animals added /removed with consideration of effect on group (<i>Guide</i> , p 55)	✓				
o adequate food, fresh water, and shelter ensured (<i>Guide</i> , p 55)	✓				
• Food:					
o feeding schedule and procedures including caloric intake management (<i>Guide</i> , pp 65-67)	✓				
o contamination prevention (<i>Guide</i> , p 65)	✓				
o vendor quality control (<i>Guide</i> , p 66)	✓				
o storage in sealed containers (<i>Guide</i> , p 66)	✓				
o expiration date labeling (<i>Guide</i> , p 66)	✓				
o vermin control (<i>Guide</i> , p 66)	✓				
o rotation of stocks (<i>Guide</i> , p 66)	✓				
• Water:					
o ad libitum unless justified (<i>Guide</i> , pp 67-68)	✓				
o QC procedures (<i>Guide</i> , pp 67-68)	✓				
• Bedding and Nesting Materials:					
o species appropriate (<i>Guide</i> , pp 68-69)	✓				
o keeps animals dry (<i>Guide</i> , pp 68-69)	✓				
o QC procedures (<i>Guide</i> , pp 68-69)	✓				
o minimizes scientific variables (<i>Guide</i> , pp 68-69)	✓				
• Sanitation:					
o frequency of bedding/substrate change (<i>Guide</i> , p 70)	✓				
o cleaning and disinfection of microenvironment (<i>Guide</i> , pp 70-71)	✓				
o cleaning and disinfection of macroenvironment (<i>Guide</i> , p 72)	✓				
o assessing effectiveness (<i>Guide</i> , p 73)	✓				
• Waste Disposal:					
o procedures for collection (<i>Guide</i> , pp 73-74)	✓				
o procedures for storage and disposal (<i>Guide</i> , pp 73-74)	✓				
o hazardous wastes are rendered safe before removal from facility (<i>Guide</i> , pp 73-74) [must]	✓				
o animal carcasses (<i>Guide</i> , pp 73-74)	✓				
• Pest Control:					
o regularly scheduled (<i>Guide</i> , p 74)	✓				
o documented program including control of rodent pests and insecticide use (<i>Guide</i> , p 74)	✓				
• Emergency, Weekend, and Holiday Animal Care:					
o care provided by qualified personnel every day (<i>Guide</i> , p 74)	✓				
o provision for accessible contact information (<i>Guide</i> , p 74)	✓				
o monitoring of backup systems (<i>Guide</i> , p 143)	✓				

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o veterinary care available after hours, weekends, and holidays (<i>Guide, pp 74, 114</i>)	✓				
o a disaster plan that takes into account both personnel and animals (<i>Guide, p 75</i>)	✓				
• Identification:					
o cage/rack cards contain required information (<i>Guide, p 75</i>)	✓				
o genotype information included and standardized nomenclature used when applicable (<i>Guide, p 75</i>)	✓				
• Recordkeeping:	✓				
o clinical records accessible and contain appropriate information (<i>Guide, pp 75-76</i>)	✓				
o records are provided when animals are transferred between institutions (<i>Guide, p 75</i>)	✓				
• Breeding Genetics and Nomenclature:					
o appropriate genetic records, management and monitoring procedures (<i>Guide, p 76</i>)	✓				
o phenotypes that affect wellbeing are reported to IACUC and effectively managed (<i>Guide, p 77</i>)	✓				
• Storage:	✓				
o adequate space for equipment, supplies, food, bedding and refuse (<i>Guide, p 141</i>)	✓				
o bedding in vermin-free area and protected from contamination (<i>Guide, p 141</i>)	✓				
o food in vermin-free, temperature and humidity controlled area and protected from contamination (<i>Guide, p 141</i>)	✓				
o refuse storage is separate (<i>Guide, p 141</i>)	✓				
o carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (<i>Guide, p 141</i>)	✓				
• Personnel:	✓				
o adequate space for locker rooms, administration and training (<i>Guide, p 135</i>)	✓				

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

NOTES:

Rex Pisking
John 2. R. e

Appendix J

Semiannual Facility Inspection Checklist

About the checklist

The Facility Inspection Checklist is provided to assist institutions in conducting their semiannual reviews facilities for the care and use of animals. The Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals (*Policy*), section IV.B.1.-2., requires the Institutional Animal Care and Use Committee (IACUC) to inspect all of the institution's animal facilities at least once every 6 months using the *Guide for the Care and Use of Laboratory Animals: Eighth Edition (Guide)* as a basis for evaluation.

How to use the checklist

This checklist is a tool to assist IACUCs in conducting thorough semiannual reviews. The checklist covers the major topics of the *Guide* and the requirements of the PHS Policy. The checklist does not replace the *Guide*, but should be utilized in conjunction with the *Guide*. The *Guide* provides the standards, recommendations, and descriptions of desired outcomes necessary to evaluate and inspect an animal care and use program. Relevant references for the *Guide* and the PHS Policy are noted. Endnotes are included to reference specific U.S. Department of Agriculture (USDA) regulatory requirements that differ from the PHS Policy. Topics that are new to this version of the checklist or identified as a "must" in the *Guide* are highlighted. A column to identify changes that have occurred in the institution's program for animal care and use (PHS Policy IV.A.1.a.-i.) since the last review is also a new feature.

The checklist consists of the following sections:

- I. Semiannual Facility Inspection Checklist
 - Terrestrial Animal Housing and Support Areas
 - Aquatic Animal Housing and Support Areas
 - Cagewash
 - Special Facilities: Aseptic Surgery
 - Special Facilities: Procedure Areas, Non-survival Surgeries, Laboratories, Rodent Surgeries, Imaging, Whole Body Irradiation, Hazardous Agent Containment, Behavioral Studies
- II. Endnotes

It is recommended that the physical aspects of a program require visual observation to evaluate, it is recommended that the Facility Inspection section be completed during an inspection of the facilities, including satellite facilities.

A table is provided, "Semiannual Facility Inspection Report," as a format for the IACUC to organize and track information regarding deficiencies, and plans and schedules for correction. IACUCs may choose to attach the table to the Semiannual Report to the Institutional Official.

Questions or comments?

Suggestions or comments about this checklist should be e-mailed to: ar-ehs@wtamu.edu

West Texas A&M University

I. Semiannual Facility Inspection Checklist

Terrestrial Animal Housing and Support Areas

Date: May 4, 2022

Location:

	A*	M	S	C	NA
<ul style="list-style-type: none"> Location: <ul style="list-style-type: none"> animal areas separate from personnel areas (<i>Guide</i>, p 134) separation of species (<i>Guide</i>, p 111) separation by disease status (<i>Guide</i>, p 111) security and access control (<i>Guide</i>, p 151) 	✓				
<ul style="list-style-type: none"> Construction: <ul style="list-style-type: none"> corridors (<i>Guide</i>, p 136) animal room doors (<i>Guide</i>, p 137) exterior windows (<i>Guide</i>, p 137) floors (<i>Guide</i>, p 137) drainage (<i>Guide</i>, p 138) walls and ceilings (<i>Guide</i>, p 138) heating ventilation and air conditioning (<i>Guide</i>, p 139) power and lighting (<i>Guide</i>, p 141) noise control (<i>Guide</i>, p 142) vibration control (<i>Guide</i>, p 142) environmental monitoring (<i>Guide</i>, p 143) 	✓				✓
<ul style="list-style-type: none"> Room/Cage: <ul style="list-style-type: none"> temperature and humidity (<i>Guide</i>, p 43) ventilation and air quality (<i>Guide</i>, p 45) illumination (<i>Guide</i>, p 47) noise and vibration (<i>Guide</i>, p 49) 					✓
<ul style="list-style-type: none"> Primary Enclosure: <ul style="list-style-type: none"> space meets physiologic, behavioralⁱ, and socialⁱⁱ needs (<i>Guide</i>, pp 51, 55-63) secure environment provided (<i>Guide</i>, p 51) durable, nontoxic materials in good repair and no risk of injury (<i>Guide</i>, p 51) flooring is safe and appropriate for species (<i>Guide</i>, p 51) adequate bedding and structures for resting, sleeping, breeding (<i>Guide</i>, p 52) objective assessments of housing and management are made (<i>Guide</i>, p 52) procedures for routine husbandry are documented (<i>Guide</i>, p 52) socially housed animals can escape or hide to avoid aggression (<i>Guide</i>, p 55) cage height provides adequate clearance (<i>Guide</i>, p 56) animals express natural postures, can turn around, access food and water, and rest away from urine and feces (<i>Guide</i>, p 56) [must] rationaleⁱⁱⁱ for <i>Guide</i>/USDA space exceptions approved by IACUC and based on performance indices (<i>Guide</i>, p 56) dogs and cats allowed to exercise and provided human interaction (<i>Guide</i>, p 58) nonhuman primates are socially housed except for scientific, veterinary or behavior reasons (<i>Guide</i>, pp 58-59) single housing of nonhuman primates is for shortest duration possible (<i>Guide</i>, p 60) opportunities for release into larger enclosures is considered for single caged nonhuman primates (<i>Guide</i>, p 60) agricultural animals are housed socially (<i>Guide</i>, p 60) food troughs and water devices for agricultural animals allow access for all animals (<i>Guide</i>, p 60) 	✓				✓
<ul style="list-style-type: none"> Environmental Enrichment, Behavioral and Social Management: <ul style="list-style-type: none"> structures and resources promote species typical behavior (<i>Guide</i>, pp 52-54) novelty of enrichment is considered (<i>Guide</i>, p 53) 	✓				✓

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o species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (<i>Guide</i> , pp 53, 58, 60, 63)	✓		
o animal care personnel receive training to identify abnormal animal behaviors (<i>Guide</i> , p 53)	✓		
o stability of pairs or groups is monitored for incompatibility (<i>Guide</i> , p 64)	✓		
o single housing is justified for social species (<i>Guide</i> , p 64)	✓		
o single housing is limited to the minimum period necessary (<i>Guide</i> , p 64)	✓		
o additional enrichment for single housed animals is provided (<i>Guide</i> , p 64)			✓
o single housing is reviewed regularly by IACUC and veterinarian (<i>Guide</i> , p 64)			✓
o habituation to routine procedures is part of enrichment program (<i>Guide</i> , p 64)	✓		
• Sheltered or Outdoor Housing: (e.g., barns, corrals, pastures, islands)			
o weather protection and opportunity for retreat (<i>Guide</i> , p 54) [must]	✓		
o appropriate size (<i>Guide</i> , p 54)	✓		
o ventilation and sanitation of shelter (no waste/moisture build-up) (<i>Guide</i> , p 54)	✓		
o animal acclimation (<i>Guide</i> , p 55)	✓		
o social compatibility (<i>Guide</i> , p 55)	✓		
o roundup/restraint procedures (<i>Guide</i> , p 55)	✓		
o appropriate security (<i>Guide</i> , p 55)	✓		
• Naturalistic Environments:			
o animals added /removed with consideration of effect on group (<i>Guide</i> , p 55)	✓		
o adequate food, fresh water, and shelter ensured (<i>Guide</i> , p 55)	✓		
• Food:			
o feeding schedule and procedures including caloric intake management (<i>Guide</i> , pp 65-67)	✓		
o contamination prevention (<i>Guide</i> , p 65)	✓		
o vendor quality control (<i>Guide</i> , p 66)	✓		
o storage in sealed containers (<i>Guide</i> , p 66)	✓		
o expiration date labeling (<i>Guide</i> , p 66)	✓		
o vermin control (<i>Guide</i> , p 66)	✓		
o rotation of stocks (<i>Guide</i> , p 66)	✓		
• Water:			
o ad libitum unless justified (<i>Guide</i> , pp 67-68)	✓		
o QC procedures (<i>Guide</i> , pp 67-68)	✓		
• Bedding and Nesting Materials:			
o species appropriate (<i>Guide</i> , pp 68-69)	✓		
o keeps animals dry (<i>Guide</i> , pp 68-69)	✓		
o QC procedures (<i>Guide</i> , pp 68-69)	✓		
o minimizes scientific variables (<i>Guide</i> , pp 68-69)	✓		
• Sanitation:			
o frequency of bedding/substrate change (<i>Guide</i> , p 70)	✓		
o cleaning and disinfection of microenvironment (<i>Guide</i> , pp 70-71)	✓		
o cleaning and disinfection of macroenvironment (<i>Guide</i> , p 72)	✓		
o assessing effectiveness (<i>Guide</i> , p 73)	✓		
• Waste Disposal:			
o procedures for collection (<i>Guide</i> , pp 73-74)	✓		
o procedures for storage and disposal (<i>Guide</i> , pp 73-74)	✓		
o hazardous wastes are rendered safe before removal from facility (<i>Guide</i> , pp 73-74) [must]			
o animal carcasses (<i>Guide</i> , pp 73-74)	✓		
• Pest Control:			
o regularly scheduled (<i>Guide</i> , p 74)	✓		
o documented program including control of rodent pests and insecticide use (<i>Guide</i> , p 74)	✓		
• Emergency, Weekend, and Holiday Animal Care:			
o care provided by qualified personnel every day (<i>Guide</i> , p 74)	✓		
o provision for accessible contact information (<i>Guide</i> , p 74)	✓		
o monitoring of backup systems (<i>Guide</i> , p 143)	✓		

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o veterinary care available after hours, weekends, and holidays (<i>Guide</i> , pp 74, 114)	✓		
[must]			
o a disaster plan that takes into account both personnel and animals (<i>Guide</i> , p 75)	✓		
• Identification:			
o cage/rack cards contain required information (<i>Guide</i> , 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)	✓		
o records are provided when animals are transferred between institutions (<i>Guide</i> , p 75)	✓		
• Breeding Genetics and Nomenclature:			
o appropriate genetic records, management and monitoring procedures (<i>Guide</i> , p 76)	✓		
o phenotypes that affect wellbeing are reported to IACUC and effectively managed (<i>Guide</i> , p 77)	✓		
• Storage:			
o adequate space for equipment, supplies, food, bedding and refuse (<i>Guide</i> , p 141)	✓		
o bedding in vermin-free area and protected from contamination (<i>Guide</i> , p 141)	✓		
o food in vermin-free, temperature and humidity controlled area and protected from contamination (<i>Guide</i> , p 141)	✓		
o refuse storage is separate (<i>Guide</i> , p 141)	✓		
o carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (<i>Guide</i> , p 141)			✓
• Personnel:			
o adequate space for locker rooms, administration and training (<i>Guide</i> , p 135)	✓		

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

NOTES:

No concerns observed.



Rex Pjesky

5/4/2022

5

Terrestrial Animal Housing and Support Areas

Location: Horse Center, Canyon, TX

Obtained by Rise for Animals.
 Uploaded to Animal Research Laboratory Overview (ARLO) on 09/23/2022

Lindsey G001813

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o species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (Guide, pp 53, 58, 60, 63)					✓
o animal care personnel receive training to identify abnormal animal behaviors (Guide, p 53)	✓				
o stability of pairs or groups is monitored for incompatibility (Guide, p 64)	✓				
o single housing is justified for social species (Guide, p 64)					✓
o single housing is limited to the minimum period necessary (Guide, p 64)					✓
o additional enrichment for single housed animals is provided (Guide, p 64)					✓
o single housing is reviewed regularly by IACUC and veterinarian (Guide, p 64)					✓
o habituation to routine procedures is part of enrichment program (Guide, p 64)					✓
• Sheltered or Outdoor Housing: (e.g., barns, corrals, pastures, islands)					
o weather protection and opportunity for retreat (Guide, p 54) [must]	✓				
o appropriate size (Guide, p 54)	✓				
o ventilation and sanitation of shelter (no waste/moisture build-up) (Guide, p 54)	✓				
o animal acclimation (Guide, p 55)	✓				
o social compatibility (Guide, p 55)	✓				
o roundup/restraint procedures (Guide, p 55)	✓				
o appropriate security (Guide, p 55)	✓				
• Naturalistic Environments:					
o animals added /removed with consideration of effect on group (Guide, p 55)	✓				
o adequate food, fresh water, and shelter ensured (Guide, p 55)	✓				
• Food:					
o feeding schedule and procedures including caloric intake management (Guide, pp 65-67)	✓				
o contamination prevention (Guide, p 65)	(see note)	✓			
o vendor quality control (Guide, p 66)	✓				
o storage in sealed containers (Guide, p 66)	✓				
o expiration date labeling (Guide, p 66)	✓				
o vermin control (Guide, p 66)	✓				
o rotation of stocks (Guide, p 66)	✓				
• Water:					
o ad libitum unless justified (Guide, pp 67-68)	✓				
o QC procedures (Guide, pp 67-68)	✓				
• Bedding and Nesting Materials:					
o species appropriate (Guide, pp 68-69)	✓				
o keeps animals dry (Guide, pp 68-69)	✓				
o QC procedures (Guide, pp 68-69)	✓				
o minimizes scientific variables (Guide, pp 68-69)	✓				
• Sanitation:					
o frequency of bedding/substrate change (Guide, p 70)	✓				
o cleaning and disinfection of microenvironment (Guide, pp 70-71)	✓				
o cleaning and disinfection of macroenvironment (Guide, p 72)	✓				
o assessing effectiveness (Guide, p 73)	✓				
• Waste Disposal:					
o procedures for collection (Guide, 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 (Guide, 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 (Guide, p 74)	✓				
o provision for accessible contact information (Guide, p 74)	✓				
o monitoring of backup systems (Guide, p 143)	✓				

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<ul style="list-style-type: none">○ veterinary care available after hours, weekends, and holidays (<i>Guide</i>, pp 74, 114) [must]					
<ul style="list-style-type: none">○ a disaster plan that takes into account both personnel and animals (<i>Guide</i>, p 75)					
<ul style="list-style-type: none">• Identification:<ul style="list-style-type: none">○ cage/rack cards contain required information (<i>Guide</i>, p 75)○ genotype information included and standardized nomenclature used when applicable (<i>Guide</i>, p 75)					
<ul style="list-style-type: none">• Recordkeeping:<ul style="list-style-type: none">○ clinical records accessible and contain appropriate information (<i>Guide</i>, pp 75-76)○ records are provided when animals are transferred between institutions (<i>Guide</i>, p 75)	✓				
<ul style="list-style-type: none">• Breeding Genetics and Nomenclature:<ul style="list-style-type: none">○ appropriate genetic records, management and monitoring procedures (<i>Guide</i>, p 76)○ phenotypes that affect wellbeing are reported to IACUC and effectively managed (<i>Guide</i>, p 77)					
<ul style="list-style-type: none">• Storage:<ul style="list-style-type: none">○ adequate space for equipment, supplies, food, bedding and refuse (<i>Guide</i>, p 141)○ bedding in vermin-free area and protected from contamination(<i>Guide</i>, p 141)○ food in vermin-free, temperature and humidity controlled area and protected from contamination (<i>Guide</i>, p 141)○ refuse storage is separate (<i>Guide</i>, p 141)○ carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (<i>Guide</i>, p 141)	✓ ✓ ✓ ✓ ✓				
<ul style="list-style-type: none">• Personnel:<ul style="list-style-type: none">○ adequate space for locker rooms, administration and training (<i>Guide</i>, p 135)	✓				

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

NOTES:

See Notes



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i Part 3 Subpart A 3.8 - "...research facilities must develop, document, and follow an appropriate plan to provide dogs with the opportunity for exercise. In addition the plan must be approved by the attending veterinarian. The plan must provide written standard procedures..."

ii Part 3 Subpart D 3.81 - "...research facilities must develop, document, and follow an appropriate plan for environment enhancement adequate to promote the psychological well-being of nonhuman primates."

iii Part 3 Subpart A 3.6(c)(1) - "Each dog housed in a primary enclosure must be provided with a minimum amount of floor space, calculated as follows:

$(\text{length of dog in inches} + 6)^2 / 144 = \text{required floor space in square feet}.$ "

- Part 3 Subpart D 3.80 (b) - "Primary enclosures [for nonhuman primates] must meet the minimum space requirements provided in this subpart."

- In situations where the USDA regulations and the *Guide* differ with respect to space requirements, the larger of the two must be followed.

33 Head of Horse - WT Horse Center

Food

Secure lid - ALPHA - PALLET

Fencing - Need of Fill Dirt -

Removed Drugs expiring → will reorder

John M. Giff
Marine D. Butler

D. Byers
J. Smith

Kurt P. Smith
Dan E. [Signature]

West Texas A&M University

o species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (<i>Guide</i> , pp 53, 58, 60, 63)					✓
o animal care personnel receive training to identify abnormal animal behaviors (<i>Guide</i> , p 53)	✓				
o stability of pairs or groups is monitored for incompatibility (<i>Guide</i> , p 64)	✓				✓
o single housing is justified for social species (<i>Guide</i> , p 64)	✓				
o single housing is limited to the minimum period necessary (<i>Guide</i> , p 64)	✓				
o additional enrichment for single housed animals is provided (<i>Guide</i> , p 64)	✓				✓
o single housing is reviewed regularly by IACUC and veterinarian (<i>Guide</i> , p 64)	✓				✓
o habituation to routine procedures is part of enrichment program (<i>Guide</i> , p 64)					✓
• Sheltered or Outdoor Housing: (e.g., barns, corrals, pastures, islands)					
o weather protection and opportunity for retreat (<i>Guide</i> , p 54) [must]	✓				
o appropriate size (<i>Guide</i> , p 54)	✓				
o ventilation and sanitation of shelter (no waste/moisture build-up) (<i>Guide</i> , p 54)	✓				
o animal acclimation (<i>Guide</i> , p 55)	✓				
o social compatibility (<i>Guide</i> , p 55)					✓
o roundup/restraint procedures (<i>Guide</i> , p 55)	✓				
o appropriate security (<i>Guide</i> , p 55)	✓				
• Naturalistic Environments:					
o animals added /removed with consideration of effect on group (<i>Guide</i> , p 55)	✓				✓
o adequate food, fresh water, and shelter ensured (<i>Guide</i> , p 55)	✓				
• Food:					
o feeding schedule and procedures including caloric intake management (<i>Guide</i> , pp 65-67)	✓				
o contamination prevention (<i>Guide</i> , p 65)	✓				
o vendor quality control (<i>Guide</i> , p 66)	✓				
o storage in sealed containers (<i>Guide</i> , p 66)	✓				
o expiration date labeling (<i>Guide</i> , p 66)	✓				
o vermin control (<i>Guide</i> , p 66)	✓				
o rotation of stocks (<i>Guide</i> , p 66)	✓				
• Water:					
o ad libitum unless justified (<i>Guide</i> , pp 67-68)	✓				
o QC procedures (<i>Guide</i> , pp 67-68)	✓				
• Bedding and Nesting Materials:					
o species appropriate (<i>Guide</i> , pp 68-69)	✓				
o keeps animals dry (<i>Guide</i> , pp 68-69)	✓				
o QC procedures (<i>Guide</i> , pp 68-69)	✓				
o minimizes scientific variables (<i>Guide</i> , pp 68-69)	✓				
• Sanitation:					
o frequency of bedding/substrate change (<i>Guide</i> , p 70)	✓				
o cleaning and disinfection of microenvironment (<i>Guide</i> , pp 70-71)	✓				
o cleaning and disinfection of macroenvironment (<i>Guide</i> , p 72)	✓				
o assessing effectiveness (<i>Guide</i> , p 73)	✓				
• Waste Disposal:					
o procedures for collection (<i>Guide</i> , pp 73-74)	✓				
o procedures for storage and disposal (<i>Guide</i> , pp 73-74)	✓				
o hazardous wastes are rendered safe before removal from facility (<i>Guide</i> , pp 73-74) [must]	✓				
o animal carcasses (<i>Guide</i> , pp 73-74)	✓				
• Pest Control:					
o regularly scheduled (<i>Guide</i> , p 74)	✓				
o documented program including control of rodent pests and insecticide use (<i>Guide</i> , p 74)	✓				
• Emergency, Weekend, and Holiday Animal Care:					
o care provided by qualified personnel every day (<i>Guide</i> , p 74)	✓				
o provision for accessible contact information (<i>Guide</i> , p 74)	✓				
o monitoring of backup systems (<i>Guide</i> , p 143)	✓				

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o veterinary care available after hours, weekends, and holidays (<i>Guide</i> , pp 74, 114)	✓				
o a disaster plan that takes into account both personnel and animals (<i>Guide</i> , p 75)	✓				
• Identification:					
o cage/rack cards contain required information (<i>Guide</i> , 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)	✓				
o records are provided when animals are transferred between institutions (<i>Guide</i> , p 75)	✓				
• Breeding Genetics and Nomenclature:					
o appropriate genetic records, management and monitoring procedures (<i>Guide</i> , p 76)	✓				
o phenotypes that affect wellbeing are reported to IACUC and effectively managed (<i>Guide</i> , p 77)	✓				
• Storage:					
o adequate space for equipment, supplies, food, bedding and refuse (<i>Guide</i> , p 141)	✓				
o bedding in vermin-free area and protected from contamination (<i>Guide</i> , p 141)	✓				
o food in vermin-free, temperature and humidity controlled area and protected from contamination (<i>Guide</i> , p 141)	✓				
o refuse storage is separate (<i>Guide</i> , p 141)	✓				
o carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (<i>Guide</i> , p 141)	✓				
• Personnel:					
o adequate space for locker rooms, administration and training (<i>Guide</i> , p 135)					✓

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

NOTES:

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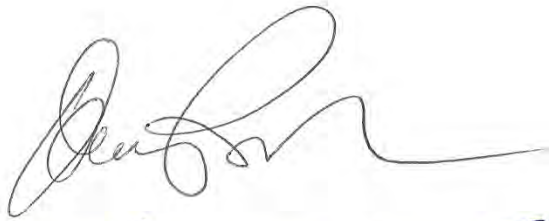
ⁱ Part 3 Subpart A 3.8 - "...research facilities must develop, document, and follow an appropriate plan to provide dogs with the opportunity for exercise. In addition the plan must be approved by the attending veterinarian. The plan must provide written standard procedures..."

ⁱⁱ Part 3 Subpart D 3.81 - "...research facilities must develop, document, and follow an appropriate plan for environment enhancement adequate to promote the psychological well-being of nonhuman primates."

ⁱⁱⁱ Part 3 Subpart A 3.6(c)(1) - "Each dog housed in a primary enclosure must be provided with a minimum amount of floor space, calculated as follows:
(length of dog in inches + 6)² / 144 = required floor space in square feet."

- Part 3 Subpart D 3.80 (b) - "Primary enclosures [for nonhuman primates] must meet the minimum space requirements provided in this subpart."

- In situations where the USDA regulations and the *Guide* differ with respect to space requirements, the larger of the two must be followed.



West Texas A&M University

I. Semiannual Facility Inspection Checklist

Terrestrial Animal Housing and Support Areas

Date: May 9, 2022

Location: WTAMU Old Main, Canyon, TX

	A*	M	S	C	NA
• Location:					
○ animal areas separate from personnel areas (Guide, p 134)	✓				
○ separation of species (Guide, p 111)	✓				✓
○ separation by disease status (Guide, p 111)	✓				
○ security and access control (Guide, p 151)	✓				
• Construction:					
○ corridors (Guide, p 136)	✓				
○ animal room doors (Guide, p 137)	✓				
○ exterior windows (Guide, p 137)	✓				
○ floors (Guide, p 137)	✓				
○ drainage (Guide, p 138)	✓				
○ walls and ceilings (Guide, p 138)	✓				
○ heating ventilation and air conditioning (Guide, p 139)	✓				
○ power and lighting (Guide, p 141)	✓				
○ noise control (Guide, p 142)	✓				
○ vibration control (Guide, p 142)	✓				
○ environmental monitoring (Guide, p 143)	✓				
• Room/Cage:					
○ temperature and humidity (Guide, p 43)	✓				
○ ventilation and air quality (Guide, p 45)	✓				
○ illumination (Guide, p 47)	✓				
○ noise and vibration (Guide, p 49)	✓				
• Primary Enclosure:					
○ space meets physiologic, behavioral ⁱ , and social ⁱⁱ needs (Guide, pp 51, 55-63)	✓				
○ secure environment provided (Guide, p 51)	✓				
○ durable, nontoxic materials in good repair and no risk of injury (Guide, p 51)	✓				
○ flooring is safe and appropriate for species (Guide, p 51)	✓				
○ adequate bedding and structures for resting, sleeping, breeding (Guide, p 52)	✓				
○ 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)	✓				
○ animals express natural postures, can turn around, access food and water, and rest away from urine and feces (Guide, p 56) [must]	✓				
○ rationale ⁱⁱⁱ for Guide/USDA space exceptions approved by IACUC and based on performance indices (Guide, p 56)					✓
○ dogs and cats allowed to exercise and provided human interaction (Guide, p 58)					✓
○ nonhuman primates are socially housed except for scientific, veterinary or behavior reasons (Guide, pp 58-59)					✓
○ single housing of nonhuman primates is for shortest duration possible (Guide, p 60)					✓
○ opportunities for release into larger enclosures is considered for single caged nonhuman primates (Guide, p 60)					✓
○ agricultural animals are housed socially (Guide, p 60)					✓
○ food troughs and water devices for agricultural animals allow access for all animals (Guide, p 60)					✓
• Environmental Enrichment, Behavioral and Social Management:					
○ structures and resources promote species typical behavior (Guide, pp 52-54)	✓				✓
○ novelty of enrichment is considered (Guide, p 53)					✓

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o species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (Guide, pp 53, 58, 60, 63)	✓				
o animal care personnel receive training to identify abnormal animal behaviors (Guide, p 53)	✓				
o stability of pairs or groups is monitored for incompatibility (Guide, p 64)	✓				
o single housing is justified for social species (Guide, p 64)					✓
o single housing is limited to the minimum period necessary (Guide, p 64)					✓
o additional enrichment for single housed animals is provided (Guide, p 64)					✓
o single housing is reviewed regularly by IACUC and veterinarian (Guide, p 64)					✓
o habituation to routine procedures is part of enrichment program (Guide, p 64)	✓				
• Sheltered or Outdoor Housing: (e.g., barns, corrals, pastures, islands)					
o weather protection and opportunity for retreat (Guide, p 54) [must]					✓
o appropriate size (Guide, p 54)					✓
o ventilation and sanitation of shelter (no waste/moisture build-up) (Guide, p 54)					✓
o animal acclimation (Guide, p 55)					✓
o social compatibility (Guide, p 55)					✓
o roundup/restraint procedures (Guide, p 55)					✓
o appropriate security (Guide, p 55)					✓
• Naturalistic Environments:					
o animals added /removed with consideration of effect on group (Guide, p 55)	✓				
o adequate food, fresh water, and shelter ensured (Guide, p 55)	✓				
• Food:					
o feeding schedule and procedures including caloric intake management (Guide, pp 65-67)	✓				
o contamination prevention (Guide, p 65)	✓				
o vendor quality control (Guide, p 66)	✓				
o storage in sealed containers (Guide, p 66)	✓				
o expiration date labeling (Guide, p 66)	✓				
o vermin control (Guide, p 66)	✓				
o rotation of stocks (Guide, p 66)	✓				
• Water:					
o ad libitum unless justified (Guide, pp 67-68)	✓				
o QC procedures (Guide, pp 67-68)	✓				
• Bedding and Nesting Materials:					
o species appropriate (Guide, pp 68-69)	✓				
o keeps animals dry (Guide, pp 68-69)	✓				
o QC procedures (Guide, pp 68-69)	✓				
o minimizes scientific variables (Guide, pp 68-69)	✓				
• Sanitation:					
o frequency of bedding/substrate change (Guide, p 70)	✓				
o cleaning and disinfection of microenvironment (Guide, pp 70-71)	✓				
o cleaning and disinfection of macroenvironment (Guide, p 72)	✓				
o assessing effectiveness (Guide, p 73)	✓				
• Waste Disposal:					
o procedures for collection (Guide, 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 (Guide, 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 (Guide, p 74)	✓				
o provision for accessible contact information (Guide, p 74)	✓				
o monitoring of backup systems (Guide, p 143)	✓				

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o veterinary care available after hours, weekends, and holidays (<i>Guide, pp 74, 114</i>)	✓				
o a disaster plan that takes into account both personnel and animals (<i>Guide, p 75</i>)	✓				
• Identification:					
o cage/rack cards contain required information (<i>Guide, p 75</i>)	✓				
o genotype information included and standardized nomenclature used when applicable (<i>Guide, p 75</i>)	✓				
• Recordkeeping:					
o clinical records accessible and contain appropriate information (<i>Guide, pp 75-76</i>)	✓				
o records are provided when animals are transferred between institutions (<i>Guide, p 75</i>)	✓				
• Breeding Genetics and Nomenclature:					
o appropriate genetic records, management and monitoring procedures (<i>Guide, p 76</i>)	✓				
o phenotypes that affect wellbeing are reported to IACUC and effectively managed (<i>Guide, p 77</i>)	✓				
• Storage:					
o adequate space for equipment, supplies, food, bedding and refuse (<i>Guide, p 141</i>)	✓				
o bedding in vermin-free area and protected from contamination (<i>Guide, p 141</i>)	✓				
o food in vermin-free, temperature and humidity controlled area and protected from contamination (<i>Guide, p 141</i>)	✓				
o refuse storage is separate (<i>Guide, p 141</i>)	✓				
o carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (<i>Guide, p 141</i>)	✓				
• Personnel:					
o adequate space for locker rooms, administration and training (<i>Guide, p 135</i>)					✓

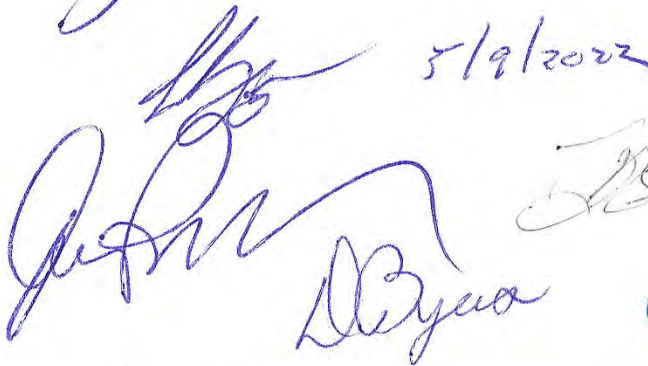
* **A** = acceptable
M = minor deficiency
S = significant deficiency (is or may be a threat to animal health or safety)
C = change in program (PHS Policy [IV.A.1.a.-i.](#)) (include in semiannual report to IO and in annual report to OLAW)
NA = not applicable

NOTES:



5/9/2022

24/975

 5/9/2022







West Texas A&M University

I. Semiannual Facility Inspection Checklist

Terrestrial Animal Housing and Support Areas

Date: May 19, 2022

Location:

A* M S C NA

- **Location:**

- o animal areas separate from personnel areas (*Guide, p 134*)
- o separation of species (*Guide, p 111*)
- o separation by disease status (*Guide, p 111*)
- o security and access control (*Guide, p 151*)

- **Construction:**

- o corridors (*Guide, p 136*)
- o animal room doors (*Guide, p 137*)
- o exterior windows (*Guide, p 137*)
- o floors (*Guide, p 137*)
- o drainage (*Guide, p 138*)
- o walls and ceilings (*Guide, p 138*)
- o heating ventilation and air conditioning (*Guide, p 139*)
- o power and lighting (*Guide, p 141*)
- o noise control (*Guide, p 142*)
- o vibration control (*Guide, p 142*)
- o environmental monitoring (*Guide, p 143*)

- **Room/Cage:**

- o temperature and humidity (*Guide, p 43*)
- o ventilation and air quality (*Guide, p 45*)
- o illumination (*Guide, p 47*)
- o noise and vibration (*Guide, p 49*)

- **Primary Enclosure:**

- o space meets physiologic, behavioralⁱ, and socialⁱⁱ needs (*Guide, pp 51, 55-63*)
- o secure environment provided (*Guide, p 51*)
- o durable, nontoxic materials in good repair and no risk of injury (*Guide, p 51*)
- o flooring is safe and appropriate for species (*Guide, p 51*)
- o adequate bedding and structures for resting, sleeping, breeding (*Guide, p 52*)
- o objective assessments of housing and management are made (*Guide, p 52*)
- o procedures for routine husbandry are documented (*Guide, p 52*)
- o socially housed animals can escape or hide to avoid aggression (*Guide, p 55*)
- o cage height provides adequate clearance (*Guide, p 56*)
- o animals express natural postures, can turn around, access food and water, and rest away from urine and feces (*Guide, p 56*) [must]
- o rationaleⁱⁱⁱ for *Guide*/USDA space exceptions approved by IACUC and based on performance indices (*Guide, p 56*)
- o dogs and cats allowed to exercise and provided human interaction (*Guide, p 58*)
- o nonhuman primates are socially housed except for scientific, veterinary or behavior reasons (*Guide, pp 58-59*)
- o single housing of nonhuman primates is for shortest duration possible (*Guide, p 60*)
- o opportunities for release into larger enclosures is considered for single caged nonhuman primates (*Guide, p 60*)
- o agricultural animals are housed socially (*Guide, p 60*)
- o food troughs and water devices for agricultural animals allow access for all animals (*Guide, p 60*)

- **Environmental Enrichment, Behavioral and Social Management:**

- o structures and resources promote species typical behavior (*Guide, pp 52-54*)
- o novelty of enrichment is considered (*Guide, p 53*)

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<ul style="list-style-type: none"> o species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian (<i>Guide</i>, pp 53, 58, 60, 63) 	✓		
<ul style="list-style-type: none"> o animal care personnel receive training to identify abnormal animal behaviors (<i>Guide</i>, p 53) 	✓		
<ul style="list-style-type: none"> o stability of pairs or groups is monitored for incompatibility (<i>Guide</i>, p 64) 	✓		
<ul style="list-style-type: none"> o single housing is justified for social species (<i>Guide</i>, p 64) 			✓
<ul style="list-style-type: none"> o single housing is limited to the minimum period necessary (<i>Guide</i>, p 64) 			✓
<ul style="list-style-type: none"> o additional enrichment for single housed animals is provided (<i>Guide</i>, p 64) 			✓
<ul style="list-style-type: none"> o single housing is reviewed regularly by IACUC and veterinarian (<i>Guide</i>, p 64) 			✓
<ul style="list-style-type: none"> o habituation to routine procedures is part of enrichment program (<i>Guide</i>, p 64) 	✓		
<ul style="list-style-type: none"> • Sheltered or Outdoor Housing: (e.g., barns, corrals, pastures, islands) <ul style="list-style-type: none"> o weather protection and opportunity for retreat (<i>Guide</i>, p 54) [must] 			
<ul style="list-style-type: none"> o appropriate size (<i>Guide</i>, p 54) 	✓		
<ul style="list-style-type: none"> o ventilation and sanitation of shelter (no waste/moisture build-up) (<i>Guide</i>, p 54) 	✓		
<ul style="list-style-type: none"> o animal acclimation (<i>Guide</i>, p 55) 	✓		
<ul style="list-style-type: none"> o social compatibility (<i>Guide</i>, p 55) 	✓		
<ul style="list-style-type: none"> o roundup/restraint procedures (<i>Guide</i>, p 55) 	✓		
<ul style="list-style-type: none"> o appropriate security (<i>Guide</i>, p 55) 	✓		
<ul style="list-style-type: none"> • Naturalistic Environments: <ul style="list-style-type: none"> o animals added /removed with consideration of effect on group (<i>Guide</i>, p 55) 	✓		
<ul style="list-style-type: none"> o adequate food, fresh water, and shelter ensured (<i>Guide</i>, p 55) 	✓		
<ul style="list-style-type: none"> • Food: <ul style="list-style-type: none"> o feeding schedule and procedures including caloric intake management (<i>Guide</i>, pp 65-67) 	✓		
<ul style="list-style-type: none"> o contamination prevention (<i>Guide</i>, p 65) 	✓		
<ul style="list-style-type: none"> o vendor quality control (<i>Guide</i>, p 66) 	✓		
<ul style="list-style-type: none"> o storage in sealed containers (<i>Guide</i>, p 66) 	✓		
<ul style="list-style-type: none"> o expiration date labeling (<i>Guide</i>, p 66) 	✓		
<ul style="list-style-type: none"> o vermin control (<i>Guide</i>, p 66) 	✓		
<ul style="list-style-type: none"> o rotation of stocks (<i>Guide</i>, p 66) 	✓		
<ul style="list-style-type: none"> • Water: <ul style="list-style-type: none"> o ad libitum unless justified (<i>Guide</i>, pp 67-68) 	✓		
<ul style="list-style-type: none"> o QC procedures (<i>Guide</i>, pp 67-68) 	✓		
<ul style="list-style-type: none"> • Bedding and Nesting Materials: <ul style="list-style-type: none"> o species appropriate (<i>Guide</i>, pp 68-69) 	✓		
<ul style="list-style-type: none"> o keeps animals dry (<i>Guide</i>, pp 68-69) 	✓		
<ul style="list-style-type: none"> o QC procedures (<i>Guide</i>, pp 68-69) 	✓		
<ul style="list-style-type: none"> o minimizes scientific variables (<i>Guide</i>, pp 68-69) 	✓		
<ul style="list-style-type: none"> • Sanitation: <ul style="list-style-type: none"> o frequency of bedding/substrate change (<i>Guide</i>, p 70) 	✓		
<ul style="list-style-type: none"> o cleaning and disinfection of microenvironment (<i>Guide</i>, pp 70-71) 	✓		
<ul style="list-style-type: none"> o cleaning and disinfection of macroenvironment (<i>Guide</i>, p 72) 	✓		
<ul style="list-style-type: none"> o assessing effectiveness (<i>Guide</i>, p 73) 	✓		
<ul style="list-style-type: none"> • Waste Disposal: <ul style="list-style-type: none"> o procedures for collection (<i>Guide</i>, pp 73-74) 	✓		
<ul style="list-style-type: none"> o procedures for storage and disposal (<i>Guide</i>, pp 73-74) 	✓		
<ul style="list-style-type: none"> o hazardous wastes are rendered safe before removal from facility (<i>Guide</i>, pp 73-74) [must] 	✓		
<ul style="list-style-type: none"> o animal carcasses (<i>Guide</i>, pp 73-74) 	✓		
<ul style="list-style-type: none"> • Pest Control: <ul style="list-style-type: none"> o regularly scheduled (<i>Guide</i>, p 74) 	✓		
<ul style="list-style-type: none"> o documented program including control of rodent pests and insecticide use (<i>Guide</i>, p 74) 	✓		
<ul style="list-style-type: none"> • Emergency, Weekend, and Holiday Animal Care: <ul style="list-style-type: none"> o care provided by qualified personnel every day (<i>Guide</i>, p 74) 	✓		
<ul style="list-style-type: none"> o provision for accessible contact information (<i>Guide</i>, p 74) 	✓		
<ul style="list-style-type: none"> o monitoring of backup systems (<i>Guide</i>, p 143) 	✓		

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o veterinary care available after hours, weekends, and holidays (<i>Guide</i> , pp 74, 114)	✓		
[must]			
o a disaster plan that takes into account both personnel and animals (<i>Guide</i> , p 75)	✓		
• Identification:			
o cage/rack cards contain required information (<i>Guide</i> , 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)	✓		
o records are provided when animals are transferred between institutions (<i>Guide</i> , p 75)			✓
• Breeding Genetics and Nomenclature:			
o appropriate genetic records, management and monitoring procedures (<i>Guide</i> , p 76)			✓
o phenotypes that affect wellbeing are reported to IACUC and effectively managed (<i>Guide</i> , p 77)			✓
• Storage:			
o adequate space for equipment, supplies, food, bedding and refuse (<i>Guide</i> , p 141)	✓		
o bedding in vermin-free area and protected from contamination (<i>Guide</i> , p 141)	✓		
o food in vermin-free, temperature and humidity controlled area and protected from contamination (<i>Guide</i> , p 141)	✓		
o refuse storage is separate (<i>Guide</i> , p 141)	✓		
o carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (<i>Guide</i> , p 141)			✓
• Personnel:	✓		
o adequate space for locker rooms, administration and training (<i>Guide</i> , p 135)			

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

NOTES:

* minor deficiency - processing crew has drink in medicine fridge

No significant deficiencies noted



5/19/2022

5/20/2022



West Texas A&M University

I. Semiannual Facility Inspection Checklist

Terrestrial Animal Housing and Support Areas

Date: May 19, 2022

Location:

A* M S C NA

- **Location:**

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- **Room/Cage:**

- o temperature and humidity (*Guide, p 43*)
- o ventilation and air quality (*Guide, p 45*)
- o illumination (*Guide, p 47*)
- o noise and vibration (*Guide, p 49*)

- **Primary Enclosure:**

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- o durable, nontoxic materials in good repair and no risk of injury (*Guide, p 51*)
- o flooring is safe and appropriate for species (*Guide, p 51*)
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- o rationale^{III} for *Guide*/USDA space exceptions approved by IACUC and based on performance indices (*Guide, p 56*)
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- o nonhuman primates are socially housed except for scientific, veterinary or behavior reasons (*Guide, pp 58-59*)
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o ventilation and sanitation of shelter (no waste/moisture build-up) (<i>Guide</i> , p 54)	✓		
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o social compatibility (<i>Guide</i> , p 55)	✓		
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o appropriate security (<i>Guide</i> , p 55)	✓		
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• Food:			
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o vendor quality control (<i>Guide</i> , p 66)	✓		
o storage in sealed containers (<i>Guide</i> , p 66)	✓		✓
o expiration date labeling (<i>Guide</i> , p 66)	✓		
o vermin control (<i>Guide</i> , p 66)	✓		
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o provision for accessible contact information (<i>Guide</i> , p 74)	✓		
o monitoring of backup systems (<i>Guide</i> , p 143)	✓		

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- o 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:**
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- **Personnel:**
 - o adequate space for locker rooms, administration and training (*Guide*, p 135)

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NA = not applicable

NOTES:

No significant deficiencies noted.



5/19/2022

5/20/2022

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