[West Virginia University]

Memorandum to:	Fred King, PhD
From:	Institutional Animal Care and Use Committee
Subject:	Semiannual Report of the Program Review and Facility Inspection
Date:	July 3, 2019
as required by the Public Policy), Section IV.B.13 Animal Welfare Act (AWA) Institutional Official is a c Laboratory Animal Welfar	, the following changes have occurred in the institution's
program for animal o	care and use (PHS Policy <u>IV.A.1.ai.</u>): [optional]
The former chair has a	Care and Use Program include the change of the IACUC chair on June 1, 2019. greed to remain on the committee as a voting scientist member. One scientist the committee, however, the alternate member replaced that position as a full
Departures from the Select A or B: A. There were B. The follow	e Nature and Extent of the Institution's Adherence to the PHS and the AWA e PHS Policy, the <i>Guide</i> , and the AWA. e no departures during this reporting period. ring departures have been reviewed and approved by the IACUC: [include reach departure]
Please see attached	document. (Exemptions for Jan - June 2019)
Animal Care and Use Select A or B: A. There were B. The follow each deficing plan and separate	e Institution's Animal Care and Use Program e Program Review Date(s): e no deficiencies in the program during this reporting period. ring deficiencies have been identified: [describe each deficiency, identify iency as either minor or significant, and provide a reasonable and specific ischedule for the correction of each deficiency, deficiencies may be recorded on the table and attached, the last page of OLAW's Sample Semiannual Program and Facility Inspection Checklist provides a sample table]
Please see attached	document. (Semi annual program review Spring 2019)

١.

П.

Animal Facility Inspection Date(s): Select A or B:	
 □ A. There were no deficiencies in the a □ B. The following deficiencies have be each deficiency as either minor or plan and schedule for the correction 	animal facility during this reporting period. een identified: [describe each deficiency, identify significant, and provide a reasonable and specific on of each deficiency, deficiencies may be recorded on e last page of OLAW's Sample Semiannual Program ecklist provides a sample table]
Please see attached document. (Semi-annu	ual inspection Spring 2019)
Minority Views	
Select A or B: A. No minority views were submitted B. The following minority views were	or expressed. expressed: [insert minority views here or attach]
Status of AAALAC Accreditation [ident	tify accredited facilities, if applicable]
AAALAC accredited 2016, HSC, BRNI, LSB Reaccreditation visit was March 4 - 6, 2019	
Signatures [signatures of a majority of t (§2.31,c,3), if applicable]	the IACUC members required by AWAR
Names of IACUC Members	Signatures

Deficiencies in the Institution's Animal Facility

Ш.

- I. For Section 1 2 of the OLAW checklist, the members reviewed the OLAW requirements and recommendations for disaster planning. When the Disaster Plan was reviewed by the committee, it was noted that satellite facilities are no longer required to establish their own SOP, as they are now included in the IACUC approved disaster plan. Although some investigators decided to keep their SOPs, they are generally consistent with the overall Disaster Plan.
- II. In Section 3, it was noted that the IACUC meets as necessary to fulfill its responsibilities and that the members recuse themselves from the discussions of protocols when there is a COI. Also, regarding evaluating the effectiveness of the training programs, we accomplish this via the CITI program, verification that personnel have passed their training requirements, Post Approval Monitoring, facility and lab inspections. All items in Section 3 were deemed acceptable by the committee.
- III. For Section 4, 'IACUC Protocol Review Special Considerations', they noted that humane endpoints are established for studies that involve tumor models and infectious diseases, among others.
 - a) Physical restraint of animals must be justified and should be limited to the minimum period to meet scientific objectives. Also, veterinary care is provided if lesions or illness result from restraint.
 - b) For food/fluid regulated animals, body weights are recorded and maintained. Sudden changes to the animal's clinical conditions are reported to the veterinary staff.
 - c) Regarding pharmaceutical and non-pharmaceutical grade chemicals, it was noted that the IACUC policy states that pharmaceutical grade compounds should be used for animalrelated procedures when available, unless properly justified. The committee will continue discussing what additional information should be required for appropriate description and justification for the use of non-pharmaceutical substances. We will also review any updated OLAW guidance when provided and distribute the information to our research community.
 - d) Appendix A, for surgical procedures, was revised to define and address major versus minor surgical procedures and to allow for clear identification of plans for multiple major surgeries. This appendix was revised to address the minor deficiency found during this program review. All other items of Section 4 on the OLAW checklist were deemed acceptable by the IACUC.
- IV. For Section 5, 'IACUC Membership and Functions', the members noted that the committee is properly constituted and is comprised of members serving in all the capacities established by the *Guide*. There are methods in place for reporting and investigating animal welfare

concerns. Additionally, the IACUC reviews and investigates concerns about animal care and use at the institution. There are procedures in place for review, approval and suspension of animal activities. There are also policies, guidelines or SOPs in place for special procedures, such as genetically modified animals, food and fluid regulation, etc. After reviewing Section 5 of the OLAW checklist, all applicable items were considered acceptable by the IACUC.

- V. In section 6 of the OLAW checklist IACUC Training, it was noted that there is a informal orientation to introduce new members to the institution's program and they are also asked to take the CITI training. Ongoing opportunities to enhance the members' understanding of animal care and use are also provided. Training on regulations, guidelines, and policies are available. The Chair noted that the current committee members have recently been asked to update their CITI regulatory training. Finally, it was noted that training sessions take place at most IACUC meetings. e.g. Update on what should be in our Assurance; What the IACUC should be discussing regarding Non-Pharmaceutical Grade substances in protocols; An overview of ABSL-3 and its required PPE and the current specific agent, in order for the committee to be prepared for inspection of the facility; the history of the 3 Rs and the IACUC evaluation of them when reviewing protocols; should the IACUC review SOPs as part of the semi-annual review of the program. All items in Section 6 of the OLAW checklist were deemed acceptable by the IACUC.
- VI. In Section 7, IACUC Records and Reporting Requirements, the members noted that the semiannual report is submitted to the IO every six months, and that it compiles the program review and the facility inspection results, including all the deficiencies identified by the committee and when received, the responses from the responsible parties. When there is a minority view it would be recorded and included in the semiannual report.
 - a) OLAW is promptly notified of deviations to the *Guide* and reportable non-compliances or adverse events. The institution also reports to the USDA and other federal funding agencies as appropriate.
 - b) Records of IACUC reviews of animal activities include all required information. Records such as meeting minutes and semiannual reports are maintained for three years, as required. Finally, the records of IACUC reviews are also maintained for three years after the completion of the study. All items of section 7 of the OLAW checklist were deemed acceptable by the committee.
- VII. The committee also reviewed the topics in Section 8 of the checklist on Veterinary Care. The members commented that there is an arrangement in place for veterinarians with training and experience in lab animal medicine, including backup veterinary care. Veterinary access to all animals is available, as required. All applicable items of section 8 of the OLAW checklist were deemed acceptable by the committee.

- VIII. Regarding Section 9, Personnel Qualifications and Training, the committee feels that all personnel are adequately educated and trained in basic principles of laboratory science, including the animal care personnel, researchers and study personnel, veterinary staff, the IACUC members.
 - a) Regarding the continuing education for program and research staff to ensure high quality care, the members commented that there are OLAR training sessions available to research staff prior to starting animal activity, as well as on specific procedures. Training is documented, as required.
 - b) The members noted that the regulatory training program encompasses the required topics, such as methods for reporting concerns, humane practices of animal care and use, and IACUC functions, among others. The members also noted that there are ongoing procedural training sessions directed to the research community, i.e. breeding and weaning of rodents and calibration and use of anesthesia machines. All items of section 9 were deemed acceptable by the IACUC.
 - IX. In Section 10 on Occupational Health and Safety of Personnel, the committee noted that anyone who enters the facilities, including outside vendors, are to be enrolled in the Occupational Health and Safety program. Signs posted in the laboratory areas outside of the facilities warn those entering the areas of potential animal use. For wildlife protocols, those working with mammals are flagged by the Occupational Health & Safety questionnaire and must get relevant immunizations, such as the rabies vaccine, before clearance. Medical evaluations including health history do occur pre-exposure. Serum collection occurs in select employees, such as OLAR and farm employees. All items were deemed acceptable.
 - X. In Section 11 12. Personnel Security, the committee noted the university's use of background checks preemployment. Section 12. Investigating & Reporting of Animal Welfare Concerns, the committee pointed out that information on reporting concerns is posted [posted signs and on the website] and online anonymous reporting will be soon available. All items were deemed acceptable.
 - XI. In the continuation section on Veterinary Care,
 - a) In Section 1. Clinical Care and Management, all items were deemed acceptable.
 - b) In Section 2. Animal Procurement and Transportation/Preventative Medicine, the committee noted that IACUC approval of a protocol occurs prior to animal procurement and that IACUC approved exceptions for quarantine are included in the semi–annual report. All items were deemed acceptable.

- c) In Section 3. Surgery, the AV clarified that aseptic technique is followed even in the case of emergency surgery at the farm. It was noted that there is no policy or guideline for monitoring the expiration dates on sterile packs. The committee deemed this item as a minor deficiency due to the need to develop a written policy/guideline or update the current surgical policies for researchers. All other items were acceptable.
- d) In Section 4. Pain, Distress, Anesthesia and Analgesia, the committee noted the careful consideration of protocols utilizing paralytics occur during the review of such protocol.
- e) For Section 5. Euthanasia, it was clarified that the maintenance of training records, including euthanasia training, is the responsibility of the PI. All items were marked acceptable.
- f) In Section 6. Drug Storage and Control, the committee discussed the difficulties in ensuring that opened, mixed drugs and other bottled substances for use in animals (i.e. water) are used within expiration dates since there is no written policy/guideline. The committee marked "procedures to ensure drugs are used within expiration date" as a minor deficiency. All other items were deemed acceptable.

XII. During Review of the Semi-annual Inspection Report Spring 2019,

- a) The committee decided that the deficiency for improper storage of flammable equipment in HSC necropsy was erroneously indicated as a major deficiency and should be edited to designate it as minor, with clarification that it involved equipment and supplies (i.e. non-flammables) that were being stored in the flammable cabinet. A question was posed regarding whether safety issues should be part of the inspection, and it was confirmed that the entire animal program is to be reviewed during the semi-annual inspection, including safety issues (i.e. eyewash maintenance, etc.) in the areas where animal use occurs. It was emphasized that during the inspections, there is always an escort present from the facility being inspected, to whom deficiencies can be identified and explained. Increased effort will be made to notify the escort of any deficiencies noted at the time of inspection.
- b) A question was posed as to why OLAR was considered the responsible party (RP) for deficiencies in spaces used by a PI within the facility. It was pointed out that it is necessary for OLAR to remain the RP since the general maintenance of those areas is still OLAR's responsibility.
- c) A discussion ensued in regards to the minor deficiency in the HSC facilities for having no temperature and humidity records. It was expressed that the response provided did not really address the issue as the response indicated that current readings and past trend data were available, yet they were never provided when requested by the committee

members during inspections. A representative of OLAR indicated training was scheduled to give additional staff access to the records from the monitoring system. Concerns were expressed that PI's whose research could be compromised by out of range temp/humidity issues did not have knowledge of or access to that information, particularly historical data, and it was deemed unacceptable that access to records was not more readily available from a high-tech monitoring system.

d) All other repeated deficiencies were reviewed with no corrections suggested other than to change the name of the JW Ruby location to JW Ruby in Reedsville. For the repeated deficiency in HCA regarding an expired alcohol bottle, the inspector indicated that the expiration date was difficult to read and may have been 2019 instead of 2014. A motion to approve the inspection report was seconded and approved unanimously.

XIII. During review of the Exemptions Spring 2019 list, OAW indicated that the process for identifying and recording exemptions has been improved and is being applied to incoming protocols. A question was asked regarding what qualifies as an exemption, and it was clarified that it is an IACUC approved exception to The Guide standards. The list of exemptions was reviewed, and only minor typo/grammatical corrections were requested.

Signatures of the IACUC Members approving the Semiannual Program Review and Facilities Inspection

July 2019

B. to Math	7/3/19
Peter Mathers (Chair)	Date
In hom	7/3/19
Jim Adams	Date
	7/03/19
Jim Anderson	, Date
July 2	7/3/19
Scott Bowdridge	Date
Temperly Bryner	7/3/19
Kimberly Bryner	Date
John Connors	Date
CAM	7/3/19
Christopher Cuff	Date
Nebet South -	7/3/19
Robert Goodman	Date
55 Hely	7/3/19
Eric Kelley	Date
22	7-3-19
Katie Knapek	Date
Margret Minch	Date
milce Perone	7-3-19
Michael Perone	Date
(Liee W. Zmi-	7-3-19
Darrell Ringer	Date
Ha M. Wahingham	7/3/2019
Ida Washington	Date
Matt - W	7-3-19
Matthew Wilson	Date

Exemptions Spring 2019

Protocol				
Number	PI Name	Species	Exception Category	Exception Description
			Prolonged Restraint (> 30 minutes) of	Placed into confined stalls, 2-4 times (with 7-14 d in
1602000317	Stanley Hileman	Sheep	unanesthetized animals	between) for a time of 6-8 hours.
			Prolonged Restraint (> 30 minutes) of	Placed into confined stalls, 2-4 times (with 7-14 d in
1602000405	Robert Goodman	Sheep	unanesthetized animals	between) for a time of 6-24 hours.
1002000493	Nobelt Goodillali	эпеер	Prolonged Restraint (> 30 minutes) of	between for a time of 6-24 flours.
1602000710	Darnard Cabraura	Dobbi+	unanesthetized animals	Pakhit rastrainar, 1 time daily for 00 110 minutes
1602000710	Bernard Schreurs	Rabbit		Rabbit restrainer; 1 time daily for 90-110 minutes
1602001012	Charles Winner		Prolonged Restraint (> 30 minutes) of	Once daily (up to 16 hr) for a max of 8 times in a 50 ml
1603001012	Steven Kinsey	Mouse	unanesthetized animals	conicle tube
1604002026	Roberta Leonardi	Mouse	Changes to enrichment or no enrichment	During metabolic testing, enrichment is removed
1604002026	Roberta Leonardi	Mouse	Food regulation	Fasting up to 48 hours
				we wish to continue to house both females together
				throughout pregnancy and separate the litters when the
1604002075	John Barnett	Mouse	Breeding	offspring are not as likely to be cannibalized.
			Prolonged Restraint (> 30 minutes) of	Restraint tube up to one hour daily for up to 7 months
1605003053	Ivan Olfert	Rat	unanesthetized animals	max.
1612004564	Janet Tou	Rat	Single housing	Metabolic testing - 8 weeks; then euthasia
			Dualanced Destroint (> 20 minutes) of	Dady fitting appropriate (to be aligned about of facine with
1705006757	Chahhana Cinananalmia	L N 4 = = =	Prolonged Restraint (> 30 minutes) of	Body fitting apparatus (tube)in a chamber of foam with
1/05006/5/	Shobhana Sivaramakris	riviouse	unanesthetized animals	separate restraint for head (during recordings only)
1001013111	Anna Dalvina Nalaan		Prolonged Restraint (> 30 minutes) of	Disvision / plactic type 120 minutes / day for you to 7 yearly
1801012111	Anne DeVries-Nelson	Mouse	unanesthetized animals	Plexiglas/plastic tube; 120 minutes/day for up to 7 weeks
4002042060	Via a min a Lite	D-4	Prolonged Restraint (> 30 minutes) of	Acrylic restrainer; once daily for up to 14 days; maximum 2
1803013068	xiaoping Liu	Rat	unanesthetized animals	hours/session
			Prolonged Restraint (> 30 minutes) of	Once per day during eyeblink conditioning procedures and
1809018212	Bernard Schreurs	Rabbit	unanesthetized animals	during each blood draw.
				Euthanasia of a USDA-covered species (sheep): During
			Exception to AVMA Guidelines for Euthanasia of	exsanguination, lack of respiration is used instead of lack
1602000495	Goodman	Sheep	Animals (2013)	of heartbeat

Exemptions Spring 2019

1602000317 Hileman	Sheep	Exception to AVMA Guidelines for Euthanasia of Animals (2013)	Euthanasia of a USDA-covered species (sheep): During exsanguination, lack of respiration is used instead of lack of heartbeat
1803013440 Ramamurthy	Mouse	Irregular diurnal cycles	Dark rearing of mice (blindness model) for max of 60 days
1801012067 DeVries	Mouse	Irregular diurnal cycles	Mice in complete darkness up to 72 hr with no daily checks (singly housed, water bottle fill limited to minimize flooding risk & hydrogel provided)

Inspector	Lab	PI	Protocols	Resposible Party	Assigned Inspector	Date Inspected	Date Received	Comments
1	BMRC 146B	Lockman Kelley Simpkins	1604001894, 1602000394 1707008288 1604002338	Lockman	Wilson	5/13/2019	5/13/2019	
1	BMRC 158	Leonardi	1604002026	Geldenhuys	Wilson	5/13/2019	5/13/2019	Remove Leonardi - she has submitted an amendment to remove this room from her protocol.
2	BMRC 341	Agmon Tucker DeVries	1604002194, 1604002316 1604002302 1801012067, 1801012111	Tucker	Washington	5/10/2019	5/14/2019	Needs: eye wash log and SDS sheets for chemicals used in the lab.
2	BMRC 342	Siravamakrishnan	1705006757	Siravamakrishnan	Washington	5/9/2019	5/14/2019	Needs: eye wash logs
2	BMRC 356	C. Anderson	1708008945	C. Anderson	Washington	5/10/2019	5/14/2019	Needs: eye wash logs
3	Eye Institute E214	J. Du	1606003142	J. Du	Bryner	6/11/2019	6/13/2019	
3	HSC-N 2077	Wan	1705006753	Wan	Bryner	5/30/2019	5/30/2019	
3	HSC-N 2079	Wan	1705006753	Wan	Bryner	5/30/2019	5/30/2019	
4	HSC 3037	Hussain	1802012692	Hussain	Minch	5/13/2019	5/17/2019	
4	HSC 3039	Hussain	1802012692	Hussain	Minch	5/13/2019	5/17/2019	
4	HSC 3110	Olfert	1605003053, 1602000661	Olfert	Minch	5/8/2019	5/17/2019	
4	HSC 3130	Chantler	1603000971, 1602000340_R1	Chantler	Minch	5/8/2019	5/17/2019	
4	HSC-N 3130C	Olfert	1605003053	Olfert	Minch	5/8/2019	5/17/2019	
5	HSC 3042	Knuckles	1707008305	Knuckles	Connors	5/15/2019	5/17/2019	
5	HSC-N 3138	Nurkiewicz Knuckles	1604001916, 1602000621 1707008305	Nurkiewicz	Connors	5/15/2019	5/17/2019	
5	HSC-N 3121	Rajendran Mattes	1604002265 1903012488	Rajendran	Connors	5/15/2019	5/17/2019	Eye wash present, but unusable. Per KB, eye wash has been repaired as of 6/2019. ak
6	HSC-N 3054	Siderovski	1603001209	Siderovski	Kelley	5/29/2019	5/29/2019	
6	HSC-N 3060	Siderovski	1603001209	Siderovski	Kelley	5/29/2019	5/29/2019	
6	HSC-N 3098	Leonardi	1604002026	Leonardi	Kelley	5/29/2019	5/29/2019	
7	HSC-S 4653	Huber Kelley	1603000924, 1712010683 1707008288	Huber	Minch	5/13/2019	5/17/2019	PI was told he needs autoclave training??? Does, however, need autoclave log book. PI also has concern re: vermin control
7	HSC-S 5401, 5402	Lindsey, Brock Li Dietz	1704005870, 1805014471 1608003733, 1705006642, 1802012 1603001661, 1803013294	Lindsey 2323	Minch	5/8/2019	5/17/2019	
8	ASB 1422	Wilson	1603001075	Wilson	Anderson	-	-	PI indicated room will not be used for animal work, no inspection / Check for PI change amendment

Manual														
1	Inspection				Inspection	Deficiency					Deficiency explanation and/or		Responsible	
1	Location	Room	Description	Species				Repeat	Severity	Timeline	recommendations	Notes/Comments	Party	Corrections/Reply
Manufact	LSB	B17B	Housing	Pigeons				Yes	Minor	30		None		Work order submitted 4/29/19. (DC)
A											Remove antibackup gate replace			
March Column Co	JW Ruby in			Cattle			structures (walls roof	Ver	Minor	150	post remove damaged wood above	None	Podpay Vicar	Completed prior to 6/75/19
Security Company Com	necusine	rucincy	rucincy	cuttic	identified	Wallerance	Butter etc./	103	WIIIIO	130		No.	mouncy maci	completed prior to 0/13/13
March Marc														
Anti-part	JW Ruby in Reedsville			Cattle				Yes	Minor	150			Rodnev Kiser	Completed prior to 6/25/19
Part			,								v	, and the second		OLAR has access to readings from previous 24hr
A											Temperature/humidity logs not			
											available at time of inspection for			data ava lable from HSC Facilities upon request.
March Marc											Someone in facility should have			
Part	HSC	HSC 1	General Facility	All	Identified	Environment	logs not available	Yes	Minor	24 hours	access to historical data and alerts	None	Washington	The leaking component was replaced 11/2018
1														as per manufacturer recommendation.
Column	1155		class cide			F		W			this situation has not been fixed for			New approach initiated 5/7/19 to stop overflow.
Column	HSC	V-12b	Clean Side	None	Identified	Equipment	spilling water	res	Minor	1		None	wasnington	(DC)
Author Company Compa	HCA	V-503	HCA Procedure	Rodent				Yes	Minor	1d		None		4/29/19 Date was corrected
March Marc	115.53	7 303	THE THOUSAND	HOULIE	Identined	эцрисэ	iducica property	103	Willion	10			Linexx	
Company Comp											expiration date of 4/1/19 written on	autoclaved initials of the person		Need universal policy for expiration of
1	FARF	106A	Laboratory	None	Identified	supplies/drugs	use in animals	No	Minor	1	pouch	packaging/autoclaving supplies and	Washington	autoclaved materials. (IW)
State Control Contro	WALLIT	GEA	Evperiments	Pate		ELI 8.5 Incume		No	Minor	20 days	Need to test weekly and record			Eve work testing is being done and recorded
March Marc			Ехренненся	nucs			Expired	140	WIIIIO	50 days	recurs to test weekly and record	Fire extinguishers need to either be	Licting	Life wash testing is being usine und recorded
Control Cont	Willow Bend		Office/Shop	None				No	Minor	1 day	Corrected at time of inspection		Delvin Clarkson	Corrected at time of inspection
March Marc											1 missing cover over light bulb in			
were the companied by the companied of t	Willow Bend			Cattle			Light cover broken	No	Minor	150 days		None	Delvin Clarkson	
were the companied by the companied of t														Spray was removed and properly disposed of.
March Marc					Deficiencies						No expiration date on Expedite correct	Inspector uncure if this substance in	Banismin	Future reference we w ll mix only enough
Learn from the control of the contro	Stewartstown	Barn - Calf	Barn - Calf	Cattle		EH&S Issues		No	Minor	1		fact has expiration date.		of any excess cleaner. Resolved week of 4/19/19
See 25 See 19-20-25 See 25 See					Deficiencies						Full gas cons in storage room/no		Daniamin	Cans were removed from the facility and placed
Local Line Fig. 12 and	Stewartstown	Barn -Sheep	Housing	Sheep		EH&S Issues	storage	No	Minor	1	flammable cabinet)	None		
Series of the process			Satel ite: Eye				list/Husbandry log					Stoilov and Sokolov mice - records	Visvanathan	
And the control of th	Satellite	E-363	Institute	Mouse	Identified	Records	incomplete	No	Minor	1	observational logs present.	needed.	Ramamurthy	
settlet 5.15 with the Monary of the settlet se			Satel ite: Eve		Deficiencies		Inadequate record				Daily loss need to be present and up		Vicuonathan	
Internation of the first state of the following of the comment of the first state of the following of the first state of	Satellite	E-363		Mouse		Records		No	Minor	30				
Figure 1 and											Portion of fence being removed so			
promotion of all fam. It will have been been selected and the selection of														
And it Barn Aut Barn Cattle Sevential Control Se	Reymann	Bull Barn	Rull Pare	Cattle			Damaged fencing	No	Minor	150	boards need to be replaced before the	None	Jarry Vater	systems isolated prior to putting any animals in
warmen with all farm full full full full full full full ful		Duli baili	Duli Dairi	Cattle		Wallicellance	Damaged Tenenig	IVO	WIIIIOI	130		Note	Jerry races	
symbol caller feathy Cartle where the profession of professions for pages prior to using for minutal bloods in Sava/Block Barn Cattle where the professions of the sava/Block Barn Cattle where the profession of the sava/Block Barn Barn Cattle where the profession of the sava/Block Barn Barn Barn Barn Barn Barn Barn Barn	Memorial	Bull Barn	Bull Barn	Cattle		Food and Water	Dirty bowls	No	Minor	7		None	Jerry Yates	
symbol caller feathy Cartle where the profession of professions for pages prior to using for minutal bloods in Sava/Block Barn Cattle where the professions of the sava/Block Barn Cattle where the profession of the sava/Block Barn Barn Cattle where the profession of the sava/Block Barn Barn Barn Barn Barn Barn Barn Barn											Several hoards are broken/damaged			
promotion Lambold feedball described feedball described feedball f	Reymann										Need to replace prior to using for			Broken and damaged boards are being replaced
Remortal feeded Research loose Deep Seemfelfed Maintenance on doors) No Minor 150 to close. Seemake place or seemake place or seemake placed or ordered replaced replaced or ordered replaced replaced or ordered replaced replaced or ordered replaced or ordered replaced replaced or ordered replaced replaced or ordered replaced			Barn/Block Barn	Cattle				No	Minor	150		None	Jerry Yates	
syman Lambring/ Research House Sheep definitions (and Maintenance Upin cover broken No. Minor 1) animals are present covers tools be from the lamb property of the property of	Memorial		Research House	Sheep				No	Minor	150		None	Jerry Yates	
Remortion Responsible Re	Permann	Lambing/			Deficiencies	Area								Light covers have been replaced or ordered
Cornade to Grant Cornade Corna	Memorial		Research House	Sheep			Light cover broken	No	Minor	150		None	Jerry Yates	since we broke two during repairs.
Core Rodert Core							Expired							The expired liquid was disposed of. EEC will
BE G-22 Behavior Robert Ventified Santation Dirty-outgroment No Minor 1 Animal faces in testing equipment None Simplins The apparatus has been thoroughly cleaned Market None Simplins In the Amina part of participation on the Simpling Sim	RBC	G-202		Rodent				No	Minor	7	disinfectant (Virkon)and one with no label.	Discuss switching to new disinfectant.		
Ostomac State Barn Maione Cattle Identified Maintenance Interior Structures No Minor Ostomac State No Minor Ostomac Maintenance Interior Structures No Minor Ostomac No Minor Osto			Core: Rodent	-	Deficiencies									
Otomac State Am Housing cattle dentified waterware formac State am Housing cattle dentified supplies of the secured of the sec	RBC	G-202	Behavior	Rodent	Identified	Sanitation	Dirty equipment	No	Minor	1	Animal feces in testing equipment Missing support beams in the barn	None	Simpkins	The apparatus has been thoroughly cleaned
Malone Farm Cattle identified Supplies use in animals No Minor d Corrected at time of inspection. None Darin Mallick Items discarded during inspection in horse stalls needs to be checked and replaced if darianged. Allot the box far suspended from the ceiling need to be cleaned and the twine checked on certified supplies. Safel ite: The periodic formation of the stalls need to be cleaned and the twine checked on complete to be cleaned and the twine checked on certified supplies. Safel ite: The periodic formation of the stalls need to be cleaned and the twine checked on control of the stalls need to be cleaned and the twine checked on control of the stalls need to be cleaned and the twine checked on control of the stalls need to be cleaned and the twine checked on control of the stalls need to be cleaned and the twine checked on control of the stalls need to be cleaned and the twine checked on control of the stalls need to be cleaned and the twine checked on control of the stalls need to be cleaned and the twine checked on control of the stalls need to be cleaned and the twine checked on control of the stalls need to be cleaned and the twine checked on control of the stalls need to be cleaned and the twine checked on control of the stalls need to be cleaned and the twine checked on control of the stalls need to be cleaned and the twine checked on control of the stalls need to be cleaned and the twine checked on control of the stalls need to be cleaned and the twine checked on control of the stalls need to be cleaned and the twine checked on control of the stalls need to be cleaned and the twine checked on control of the stalls need to be cleaned to be cleaned and the twine checked on control of the stalls need to be cleaned and the twine checked on control of the stall need to be cleaned and the twine checked on control of the transport thank storage. The properties of the transport thank storage of the need to be substanced to the transport thank storage. The properties of the transport thank storage of the	Potomac State		Housing	Cattle				No	Minor	3 mc	and a piece of paneling that needs to	None	Darin Matliel	
Corrected at time of inspection. Recommendations: Wood used in honse stalls needs to be checked and replaced if diamaged. Also the box fans suspended from the celling need indoor commendations: Wood used in honse stalls needs to be checked and replaced if diamaged. Also the box fans suspended from the celling need indoor commendations: Wood used in honse stalls needs to be checked and replaced if diamaged. Also the box fans suspended from the celling need indoor commendations: Wood used in honse stalls needs to be checked and replaced if diamaged. Also the box fans suspended from the celling need indoor commendations: Wood used in honse stalls needs to be identified a replaced if diamaged. Also the box fans suspended from the celling need indoor commendations: Wood used in honse stalls needs to be identified a replaced if diamaged. Also the box fans suspended from the celling need in the commendations: Wood used in honse stalls needs to be identified a replaced if diamaged. Also the box fans suspended from the celling need in the commendations: Wood used in horse stalls needs to be identified a replaced in the celling need in the commendations: Wood used in horse stalls needs to be identified a replaced from the celling need to complete to the relieve whice used for restall needs to supplie a relieve whice used for restalling and interesting and installed (4/25/19) and instal		Malone			Deficiencies	Drugs/General	Expired substances for							Name of Consolidated Advances 1997
Equine tudor totomac State Arena Main Campus Horses identified Supplies Use in animals No Minor defigerator needs to be identified as "for items for animal consumption only". An additional small refrigerator needs to be identified as "for items for animal consumption only". An additional small refrigerator reads to be identified as "for items for animal consumption only". An additional small refrigerator reads to be identified as "for items for animal consumption only". An additional small refrigerator reads to be identified as "for items for animal consumption only". An additional small refrigerator reviewed. State which is used to for stability with the consumption only". An additional small refrigerator reviewed. State which is used (4/25/19) and instability	rotomac State	narn	iviaione Farm	cattle	ruentifiéd	supplies	use in animals	IND	iviinor	d	Corrected at time of inspection.	none	parin Matlick	items discarded during inspection
Equine Indoor otomac State Area Main Campus Horses Identified Supplies use in animals No Minor d d for stability No Minor No Minor d department of the formal consumption only. An additional small refrigerator reviewed. State vehicle used for transport thank storage. Salamand Peficiencies Salamand Deficiencies Supplies Secondary Containment not adequate No Minor 1 needs to be spelled out Salamand Deficiencies Supplies Sup														
Indoor of Marker Area Main Campus Horse Indoor of the Common State Area Main Campus Horse Identified Supplies use in animals No Minor of the Common State Ite: Deficiencies Sate Ite: Deficiencies Equipment not adequate No Minor of Supplies Supplies Identified Supplie		Equine									replaced if damaged. Also the box			
Refrigerator needs to be identified as "for items for animal consumption on." An additional small refrigerator is should be purchased for food for the should b	Potomes St. *	Indoor	Main Com	Horse:				No	Mines	complete	to be cleaned and the twine checked	None	Darin Master	Itame discarded during income!
Sate it e: Salamand Sate it e: Sate it e: Salamand Sate it e: Salamand Sate it e: Sate it e: Salamand Sate it e: Sate it e: Salamand Sate it e: Salamand Sate it e: Salamand Sate it e: Salamand Sate it e: Sate it e: Salamand Sate it e: Sate it e: Salamand Sate it e: Sate it e: Sate it e: Sate it e: Salamand Sate it e: Sate it e: Sate it e: Salamand Sate it e: Sate it e	rotomac State	wiena	wain Campus	norses	ruentifiéd	supplies	use in animals	IND	iviinor	d	·	none	parin Matlick	Items discarded during inspection A 1.7 cubic foot mini refrigerator was purchased
Satel ite:											"for items for animal consumption			(4/25/19) and installed (4/26/19) under the
Salamand Deficiencies Drugs/General containment not percival Hall 326A Satel ite: Brown er identified Supplies appropriately labeled No Minor 1 needs to be spelled out Deficiencies are on cart labeled now. LAR G-208 Procedure Rodent Identified Other Other No Minor 30 No dates on sterilized supplies. None Washington for autoclaved supplies, (DC) F-air canister missing on machine OL/VAP 07. Machine appears to be 'in use' and should have F-air canister was off machine setup. No Minor 30 placed. LAR G-219 Surgery (USDA) Identified Equipment Identified Equipment washine setup. No Minor 30 placed. LAR G-226 (USDA) Identified Equipment adequate anesthesia machine setup. No Minor 1 to be effective. None Washington Bracket replaced 4/21/19. (DC) Patient Prep Deficiencies Identified Equipment adequate No Minor 1 to be effective. None Washington Bracket replaced 4/21/19. (DC)	Darriani Hall	220		Eich		Equipment		No	Mines	30 4	should be purchased for food for the	transport not available to inspect.	Kula Hart	229. Food was immediately transferred to the
salamand Deficiencies Drugy/General containment not errival Hall 326A Satel ite: Brown er Identified Supplies appropriately labeled No Minor 1 needs to be spelled out Donald Brown Bottle is properly labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise Physiology Core (Yakovenko). Supplies are on cart labeled now. Exercise	CICIVAI (Idil	223	ristriiail	. 1311	rochuned	equipment		.40	WIIIOI	Jo udys	11011.	Sourcion transport talls Storage.	rync mai tillaifi	reingerdtoi
LAR G-208 Procedure Rodent Identified Other Other No Minor 30 No dates on sterilized supplies. None Washington for autoclaved supplies, (DC) F-air canister missing on machine OL/VAP 07. Machine appears to be "in use" and should have F-air canister of the Unsecured gas tanks. LAR G-219 Surgery (USDA) Identified Equipment machine setup No Minor 30 placed. LAR G-226 (USDA) Identified Equipment adequate No Minor 1 be effective. None Washington Surgery setup has moved to G224. (DC) Patient Prep Deficiencies Laguipment adequate No Minor 1 be effective. None Washington Surgery setup has moved to G224. (DC) Power strips should not be hanging while plugged in. They need to be Ida Patient Prep Deficiencies A rea Power strips hanging while plugged in. They need to be Ida	Barrier	2251	sault =	Salamand			containment not						December 1	Date in a second of the second
LAR G-208 Procedure Rodent Identified Other Other No Minor 30 No dates on sterilized supplies. None Washington for router's Need poicy (C) Nathrine appears to be "In Use" and should have F-air canister missing on machine OL/VAP OT. Marchine appears to be "In Use" and should have F-air canister was off machine for replacement Use" and should have F-air canister was off machine for replacement Use" and should have F-air canister was off machine for replacement Use" and should have F-air canister was off machine for replacement Use and should have F-air canister was off machine for replacement Use and should have F-air canister was off machine for replacement Use and should have F-air canister was off machine for replacement Use and Supplies. None Washington Surgery setup has moved to G224. (DC) Patient Prep Deficiencies Capipment Area Power strips hanging While plugged in. They need to be Ida Patient Prep Deficiencies Area Power strips hanging While plugged in. They need to be Ida	rercival Hall	326A	satel ite: Brown	er	identified	supplies	appropriately labeled	NO	Minor	1	needs to be spelled out		⊔onald Brown	
LAR G-208 Procedure Rodent Identified Other Other No Minor 30 No dates on sterilized supplies. None Washington for autoclaved supplies, (DC) Comparison					Deficiencies								Ida	
Deficiencies LAR G-219 Surgery (USDA) LAR G-226 (USDA) LAR G-	OLAR	G-208	Procedure	Rodent		Other	Other	No	Minor	30		None	Washington	
LAR G-219 Surgery (USDA) Identified Equipment machine setup No Minor 30 placed. None Washington Surgery setup has moved to G224. (DC) Unsecured gas tanks: chain present but not dequate No Minor 1 be effective. None Washington Surgery setup has moved to G224. (DC) Chain too thin and placed too low to be effective. None Washington Sargery setup has moved to G224. (DC) Viscourse gas tanks: chain present but not adequate No Minor 1 be effective. Power strips should not be hanging while plugged in. They need to be					Deficie		Inadami				OL/VAP 07. Machine appears to be "in		lala	E/AID equistes up
Patient Prep Deficiencies chain present but not LAR G-226 (USDA) Identified Equipment adequate No Minor 1 be effective. None Washington Bracket replaced 4/21/19. (DC) Patient Prep Deficiencies Area Power strips hanging while plugged in. They need to be Ida	OLAR	G-219	Surgery (USDA)			Equipment	machine setup	No	Minor	30		None		
Patient Prep Deficiencies Area Power strips hanging While plugged in. They need to be Ida							chain present but not							
Patient Prep Deficiencies Area Power strips hanging while plugged in. They need to be Ida	OLAR	G-226	(USDA)		Identified	Equipment	adequate	No	Minor	1	be effective.	None	Washington	Bracket replaced 4/21/19. (DC)
			Patient Pren		Deficiencies	Area	Power strips hanging						lda	
	OLAR							No	Minor	7		None		Corrected 4/21/19. (DC)

				Deficiencies		Lack of knowledge of				Lab staff entered animal housing room (pigeon) with street shoes on and no shoe covers. They were given shoe covers to use and reminded of	OLAR staff/PI may need to retrain the		Not enough information to address. OLAR provides training and signage. Message regarding deficiency should come from IACUC
LSB	B17B	Housing	Pigeons	Identified	Staff Training	OLAR PPE policy	No	Minor	30	the OLAR PPE requirements. Styptic powder expired (Vonder Haar)	students if this reoccurs	Washington	not OLAR. (IW)
LSB	2150A	Procedure Room	Rodent	Deficiencies Identified	Drugs/General Supplies	Expired supplies/substances - for USE in animals	No	Minor	1	Ketoprofen in a secondary container - date of 4/18/19. Not sure if that is an expiration date or a mix date. Unclear. (Vonder Haar)	None	lda Washington	Since responsible PI is known message regarding deficiency should come from IACUC not OLAR. (IW)
LSB	2150A	Procedure Room	Rodent	Deficiencies Identified	Drugs/General Supplies	Expired supplies/substances - NOT for use in animals	No	Minor	7	One item in corrosive cabinet expired in March. Sterile sponges expired 8/2017 (Kinsey) Deficiency: training in proper hood	Items in corrosive cabinet (Kinsey) are expiring at the end of April.	lda Washington	Since responsible PI is known message regarding deficiency should come from IACUC not OLAR. (IW)
HSC	HSC 1	General Facility	All	Deficiencies Identified Deficiencies	Staff Training	Lack of knowledge on how to use biosafety cabinet/changing hood Recapped needles	No	Minor	1 month	use - multiple people in multiple rooms were observed using incorrect hood technique.	None	Ida Washington Ida	Need additional details to address this. OLAR staff research staff room #?
HSC	V-102	Necropsy	Rodent	Identified	EH&S Issues	noted	No	Minor	30	Recapped needles in sharps container	None	Washington	Signage added to sharps container 5/23/19. (IW)
HSC	V-102	Necropsy	Rodent	Deficiencies Identified	Sanitation	Dirty equipment	No	Minor	7	Dirty Styrofoam lid as pin board - should be replaced.	None	Ida Washington	Lab notified 5/6/19 to either sanitize the styrofoam or replace it. (DC)
				Deficiencies		No temperature				No seconds of tomorroture or		Ida	Temp and RH are monitored by Building Managemnt System (BMS) so no records are kept in the room. Current readings and past
HSC	V-102	Necropsy	Rodent	Deficiencies Identified	Environment	monitors/broken thermometer	No	Minor	1	No records of temperature or humidity	None	lda Washington	trend data available from OLAR FM or HSC FM. (DC)
HSC	V-103	ABSL-2 housing	Rodent	Deficiencies Identified	Identification	Incomplete cage cards/animal identification	No	Minor	1	Specific biohazard must be listed on cage card	None	lda Washington	Lab notified 5/6/19 to write specific pathogen on each cage card. (DC)
				Deficiencies	Drugs/General	Expired supplies/substances -						Ida	
HSC	V-104	ABSL-2 housing	Rodent	Identified	Supplies	for USE in animals	No	Minor	1	Triple antibiotic	Note: Ecoflo units due for retest	Washington	Items not present 5/23/19. (IW) Temp and RH are monitored by Building
HSC	V 104	ARCI 3 hours	Dade	Deficiencies Identified	Environ.	No temperature monitors/broken	No	Mino	1	No history of town	Note: Feelle unite des formats	lda Moshir	Managemnt System (BMS) so no records are kept in the room. Current readings and past trend data available from OLAR FM or HSC FM.
	V-104	ABSL-2 housing	Rodent	Deficiencies	Environment	thermometer		Minor	1	No history of temperature or humidity Appears to be mold in faucet hose.	Note: Ecoflo units due for retest	Washington Ida	()
HSC	V-106	ABSL-2 housing	Rodent	Identified	Sanitation	Dirty sink	No	Minor	1	Hose should be replaced.	None	Washington	Tygon tubing replaced 5/23/19. (DC) Temp and RH are monitored by Building Managemnt System (BMS) so no records are
				Deficiencies		No temperature monitors/broken						Ida	kept in the room. Current readings and past trend data available from OLAR FM or HSC FM.
HSC	V-106	ABSL-2 housing	Rodent	Identified	Environment	Inappropriate	No	Minor	1	No temperature and humidity records	None	Washington	(DC)
HSC	V-108	ABSL-2 procedure	Rodent	Deficiencies Identified	EH&S Issues	solution/chemical storage	No	Minor	1	Ethanol in drawer	None	lda Washington	Ethanol bottle placed in flammables storage cabinet 5/6/19. (DC). Temp and RH are monitored by Building
						No temperature					Note/Questions: What records are kept (and where are they located)		Managemnt System (BMS) so no records are kept in the room. Current readings and past
HSC	V-110	ABSL-2 housing	Rodent	Deficiencies Identified	Environment	monitors/broken thermometer	No	Minor	1	No records of temperature or humidity	when the PI does the cage changes and feeding?	Ida Washington	trend data available from OLAR FM or HSC FM. (DC)
										,	v		OLAR supervisors perform rounds in all animal rooms at least once per mo. Husbandry
				Deficiencies		No daily observation				No daily observation listed for Saturday March 2. Observations		Ida	technicians are notified of missing entries. Repeat errors are documented and can result in
HSC	V-302	AFA Housing	Rodent	Identified	Records	list Secondary drug	No	Minor	1	should be recorded on a daily basis.	None	Washington	disciplinary action.
HSC	V-303	AFA Procedure	Rodent	Deficiencies Identified	Drugs/General Supplies	containment not appropriately labeled	No	Minor	1	Abbreviations used on PBS - needs to be spelled out properly.	None	Ida Washington	PBS is a standard lab solution.
HSC	V-304	AFA Housing	Rodent	Deficiencies Identified	EH&S Issues	Recapped needles noted	No	Minor	30	Signage should be present on container	None	Ida Washington	Sign added 5/15/19.
HSC	V-307	AFA Housing	Rodent	Deficiencies Identified	EH&S Issues	Improper sharps disposal	No	Minor	30	Syringe and needle left on top of sharps disposal box	None	Ida Washington	Not present on 5/15/19.
Tisc	V 307	Arriodalig	Nodelie	Identified	Elias issaes	шэрози	110	WIIIO	50	Inadequate surgery card: Recording "Same as others" is not sufficient (C.	None.	Washington	not present on against
HSC	V-309	AFA Housing	Rodent	Deficiencies Identified	Records	Inadequate record keeping (see notes)	No	Minor	30	Brown). No post operative records.(C. Brown).	None	Ida Washington	Please send message from IACUC to PI.
				Deficiencies	Drugs/General	Expired supplies/substances -				Expired Nair cotton swabs and cotton		Ida	
HSC	V-312	AFA Housing	Rodent	Identified	Supplies	for USE in animals	No	Minor	1	pads noted.	None	Washington	Expired supplies have been discarded. 5/15/19 OLAR supervisors perform rounds in all animal rooms at least once per mo. Husbandry
				Deficiencies		No daily observation						Ida	technicians are notified of missing entries. Repeat errors are documented and can result in
HSC	V-312	AFA Housing	Rodent	Identified	Records	list	No	Minor	1	Animals not observed February 24	None	Washington	disciplinary action.
HSC	V-314	AFA Housing	Rodent	Deficiencies Identified	Food and Water	Food without expiration label	No	Minor	1	Sunflower seeds label (spec fically the expiration date) is worn off.	None	Ida Washington	Ramamurthy lab staff writes expiration date on each conical tube of enrichment treats. Reminder sent to Ramamurthy lab 5/20/19. (IW)
HSC	V-314	AFA Housing	Rodent	Deficiencies Identified	Sanitation	Dirty equipment	No	Minor	1	Container - very dirty should be cleaned out (Ramamurthy)	None	Ida Washington	No dirty containers present on 5/6/19. Reminder sent to PI on 5/20/19 (IW).
				Deficiencies		Food not in sealed						Ida	As a working facility feed bins are accessed many times a day. OLAR techs will be reminded
HSC	V-314	AFA Housing	Rodent	Identified	Food and Water	container	No	Minor	1	Lid not tight	None	Washington	to ensure ids are placed on bins. (DC)
HSC	V-316	AEA Hayreina	Rodent	Deficiencies Identified	Food and Water	Food not in sealed container	No	Minor	1	Lid not tight	Note: Hydrocortisone expires soon	Ida Washington	As a working facility feed bins are accessed many times a day. OLAR techs will be reminded to ensure ids are placed on bins. (DC)
1130		AFA Housing	nudent	Deficiencies		Improper sharps	INU	IVIIIIOF	1	Lid not tight (Excessive)Refuse in sharps bin. Signage should be present on	Note: nyurocortisone expires soon	Washington	to ensure ids are placed on bins. (DC) Signage added 5/20/19: "Container for sharps only (no paper trash)." Need universal policy.
HSC	V-316	AFA Housing	Rodent	Identified Deficiencies	EH&S Issues	disposal Inadequate record	No	Minor	30	container Unlabeled secondary ink bottle.	Note: Hydrocortisone expires soon	Washington Ida	(IW) PI (Du) emailed on 5/20/19 and asked to label
HSC	V-318	AFA Housing	Rodent	Identified	Records	keeping (see notes)	No	Minor	30	Unlabeled reused needle (J.Du) (Excessive)Refuse in sharps bin.	None	Washington	supplies. (IW) Signage added 5/20/19: "Container for sharps
HSC	V-702	AFA Necropsy	Rodent	Deficiencies Identified	EH&S Issues	Improper sharps disposal	No	Minor	30	Signage should be present on container	None	Ida Washington	only (no paper trash)." Need universal policy. (IW)
HSC	V-702	AFA Necropsy	Rodent	Deficiencies Identified	Environment	Strong odors- no excessively dirty cages	No	Minor	30	Cooler has strong carcass odor; may want to place a deodorizer in cooler.	None	lda Washington	The carcass cooler is emptied on a weekly basis and cleaned as needed. OLAR staff will monitor for excessive odor. (DC) Please clarify deficiency. PI's are responsible for
				Deficiencies		Inadequate record				No record of training presedure for	CO2 monitor should be pleased in all a	Ida	training their staff on procedures unless OLAR assistance is requested. Thus OLAR does not
HSC	V-702	AFA Necropsy	Rodent	Deficiencies Identified	Records	Inadequate record keeping (see notes)	No	Minor	30	No record of training procedure for euthanasia Dirty Styrofoam found on cart with	CO2 monitor should be placed in the room for human safety.	Washington	have lab staff training records for euthanasia. (IW)
		AFA		Deficiencia		Rusted animal equipment that comes into close and/or				dirty and rusty instruments. Styrofoam needs to be changed and instruments either need to be cleaned.		lda	DL/Schroure) has been not find of deficient
HSC	V-703	Housing/Proced ure	Rodent	Deficiencies Identified	Equipment	into close and/or direct animal contact	No	Minor	7	instruments either need to be cleaned or replaced.	None	Ida Washington	PI (Schreurs) has been not fied of deficiency. (DC) As of 5/8/19 each of the 3 drugs listed on the
HSC	V-902	AFA Housing (Possible ABSL- 2)	Rodent	Deficiencies Identified	Identification	Missing signage for room identification	No	Minor	1	Room signage does not reflect chemicals indicated on cage cards (DeVries)	May want to store food on lower shelf.	Ida Washington	As of 5/8/19 each of the 2 drugs listed on the door signage were also written on appropriate cage cards in room. (DC)
		AFA Housing (Possible ABSL-		Deficiencies		Incomplete cage cards/animal				Abbreviated chemical on cage card		Ida	1 1
HSC	V-902	2)	Rodent	Identified	Identification	identification	No	Minor	1	(DeVries)	None	Washington	Please indicate room number.

Section Process Section Process Section Sect														
March Marc	HSC	V-904	AFA Housing	Rodent	Identified	Supplies		No	Minor	1	labeled with autoclave date.	None	Washington	Materials not present on 5/20/19. (IW)
	usc	C 103 (A/B)		Dadont				No	Minor	20		Mana		
1.	HSC	G-193 (A/B)		Kodent			Uncovered/Broken	INO	MINOT	30	Room B (Right) missing an outlet	None		()
Company Comp	HSC	G-194						No	Minor	30		None		
Part			Laboratory		Deficiencies	Area	Cracks in room:						Ida	
	HSC	G-194	Space		Identified	Maintenance	wall/ceiling/floor	No	Minor	150		None	Washington	Work order to be placed.
1.					Deficiencies		Inadequate record						Ida	Husbandry and health records up to date as of
Second	HSC	G-195	Housing	Birds		Records		No	Minor	7	8/2017	None		
Company														
Column C	use	C 105		Dist.		I do and a series					Kyonka 15-0606). Proper protocol			
Property of the control of the con	H2C	G-195	Housing	BILGS	Identified	Identification	information	INO	MINOT	1	needs to be listed ASAP.		wasnington	4/30/19. (IW)
1											Sounced low readings over last few			Global exception. Animals are checked daily for
Part			Reverse ight									Crinkle paper also present on		
Column	HSC	G-220	cycle - Housing	Mouse	Identified	Environment		No	Minor	30	the room	equipment in testing room (C)	Washington	RH.
Part							(cleaning							
March Marc	HSC	G-241C	Necropsy	All	Identified	EH&S Issues	solution/chemicals)	No	Minor	1	None	None	Washington	
Second S														identified on inspection. All items were stored
Part	HSC	G-241C	Necropsy	All		Other	Other	No	Minor	1		None		
Secondary Seco			, ,								9		Ü	
1965 1967			Laboratory		Deficiencies						Needs cleaned/closed down. No.		Ida	
Second S	HSC	G-244		Fish		Sanitation		No	Minor	7		None		
1.			Laboratory		Deficiencies	Drugs/General							Ida	
1	HSC	G-244		Fish	Identified		use in animals	No	Minor	7	Expired materials/solutions	None	Washington	See above
March Marc	HSC	G-248	Laboratory	Mouse		Food and Water		No	Minor	1	None	None		PI responsibility
Control Cont											Share day and a state of			
March Marc			HCA Main		Deficiencies		Safety shower						Alexandra	Re-testing of the shower has been scheduled for
April	HCA	V-500	Hallway	Rodent		EH&S Issues		No	Minor	30d				
A												labeled with date autoclaved and		
April 19	HCA	V-501	HCA Housing	Rodent	Identified	EH&S Issues	disposal	No	Minor	30d		initials	Elliott	autoclaved and disposed of
Part 1-15														
1.00					D. C. L							Should South on the Arch South on	Maria	
Sect Section Sect Section Sect Section Sect	HCA	V-501	HCA Housing	Rodent		Records	No daily observations	No	Minor	7d				
April Company Compan	FARE	1040	Surgery (LISDA)	Sheen				No	Minor	30	Needs new door sween	None	lda Washington	
Description of the control of the co					Deficiencies		Enclosures excessively			30	Needs to be cleaned - feces found in		Ida	The recovery pens have been used & cleaned
And the control is a proper bary of the control is a proper ba	FARF	105	Recovery Pens	Sheep	Identified	Animal Care	dirty	No	Minor	1	pen.	None	Washington	
Asset 1964 September 1965 September	FARE	1051		None		F1105 1				30			Ida	sharps box on 5/14/19. Please explain deficiency
Applications of the control of the c	FARF	106A		None		EH&S ISSUES		INO	MINOT	30		None		- Need universal policy. (IW)
Applications of the common sequence of the co	FARF	106A	Laboratory	None	Identified	Food and Water	food/water	No	Minor	1	leaking needs to be disposed of.	For Farm Manager	Washington	Not present on 5/4/19. (IW)
All Discources of the control of the														
Fig. 156A sharper where the control of the control			Diagnostic		Deficiencies								Ida	
Disclarate No. Deficiencies to Supply place Anne Confeder Supply places and the supply colored Supply places and the supply p	FARF	106A		None		Equipment		No	Minor	7	Suture removal scissors with rust.			Not found on 5/14/19. (IW)
And to Company to Comp							Rusted animal							
AND SECTION Supply (Supply No. No. More) Supply (Supply No. More)			Discotor		Deficiencies								Ida	All instruments with sust were removed from
FAME 127 (service/rice/law) 1979 (service/rice/law) 19	FARF	106C		None		Equipment		No	Minor	7	Equipment in supply cabinet.		Washington	
And the second of the second o			Surgery		Deficiencies		Enclosures excessively						Ida	The scale & room have been used & cleaned
EXC 8MSC 142 Variables Note Deficiency Supplies Note Deficiency Supplies Note Note Deficiency Supplies Note Note Deficiency Supplies Note Note Note Deficiency Supplies Note Note Note Note Note Note Note Note	FARF	107	(service/scales)	Sheep	Identified	Animal Care	dirty	No	Minor	1	Needs to be cleaned	None	Washington	multiple times since 4/11/19. (DC)
Accordance of the control of the con														Needles syringes 1 piece of gauze found in
Agronomy Office Office/jupples None Deficiency Supples Acceptable Agronomy Office Office/jupples None Deficiency Supples Acceptable Agronomy Office Office/jupples None Deficiency Supples Supples Deficiency Supples Supple	FADE	100	Hausing	Chaan		FILE C Issues		No	Minor	20		Mana		
ESC BMBC 142 Room None Identified Sanitation du/defrom No Minor I area) readings (Fred storage shed) Washington Awaiting collection bucket from EMS. (DC) Social form Rodert Green Stroke Bucket Social Room Rodert General Room Room Room Room Room Room Room Roo	FARF			эпеер		Enos issues		INO	IVIIIIOI	30				
Experied drugs that are now meether to cynnigenous for meether to cynnigeno	FARE			None		Sanitation		No	Minor	1				
ESC BMRC 142 Surgical Room Rodern Rod										-	9	g- (storage streu)		
Securition Miles and Patture							Expired drugs that are not							
Need to place signage on refrigerator indicating "no food/drink for human consumption", Should place sign inside of refrigerator to identify to food spice sign inside of refrigerator to identify to be labeled; the wash weekly testing of the refrigerator. The received and log should be marked log should be marked and log should be marked and log should be should include milling date; and translation being restored by the log of the								l						
Rusted equipment that comes into close or direct contact with the domesting to be balleded. Eye wash weekly testing sinded or ferfigerator to identify formula so every bottle does not have to be balleded. Eye wash weekly testing sinded or ferfigerator. If you belief to she balleded, Eye wash weekly testing some does not have to be balleded. Eye wash weekly testing some does not have to be balleded. Eye wash weekly testing some does not have to be balleded. Eye wash weekly testing some does not have to be balleded. Eye wash weekly testing some does not have to be balleded. Eye wash weekly testing some does not have to be balleded. Eye wash weekly testing some does not have to be balleded. Eye wash weekly testing some does not have to be balleded. Eye wash weekly testing some does not have to be balleded. Eye wash weekly testing some does not have to be balleded. Eye wash weekly testing some does not have to be balleded. Eye wash weekly testing some does not have to be balleded. Eye wash weekly testing some does not have to be balled should include milling date. W/WUIT G68 Anteriorm Bass Acceptable W/WUIT G6C Housing Rass Acceptable Roone None None None None None None None None Devin Clarkson Washh Stewartstown Barn - Beef Cattle Acceptable Acceptable Acceptable None None None None None None None Stewartstown Barn - Dairy Stewartstown Barn - Hog Barn - Hog Cattle Acceptable None Stewartstown Barn - Hog Barn - Hog Barn - Hog Sheep/ Sheep/ Sh	ESC	BMRC 142	Surgical Room	Kodent	identified	Supplies	/euthanasia solutions	NO	Minor	1	Blood work metabolite expired	corrected at time of inspection.	Simpkins	Corrected at time of inspection.
Rusted equipment that comes into close or direct contact with the comes into close or direct contact with the maintained. Office Office/supplies None Deficiency Equipment animals No Minor 7 ministrained. WWUIT G6B Anteroom Rust Acceptable None Deficiency Equipment animals No Minor 7 ministrained. WWUIT G6C Housing Rust Acceptable None None Deficiency Equipment animals No Minor 7 ministrained. WWUIT G6C Housing Rust Acceptable None None None None None Definition (Includes Mailsh None) WWITE G6C Housing Rust Acceptable None None None None None None None Non														
Rusted equipment that comes into close or direct contact with the animals No Minor 7 refrigerator. WIVUIT G668 Anteroom Rats Acceptable WIVUIT G												consumption"; Should place sign		
Agronomy Office office/supplies None Deficiency Equipment animals of direct contact with the Agronomy Office office/supplies None Deficiency Equipment animals No Minor 7 refrigerator. Secondary Office office/supplies None Deficiency Equipment animals No Minor 7 refrigerator. Secondary Office office/supplies None Deficiency Equipment animals No Minor 7 refrigerator. Secondary Office office/supplies None Deficiency Equipment animals No Minor 7 refrigerator. Secondary Office office/supplies None Deficiency Equipment animals None None None None None None Stewarts Office/supplies None None None None None None Stewarts Office/supplies None None None None None None Stewarts Office/supplies None None None None None None None None						1	Rusted equipment that							Rusty equipment was removed and cleaned
Agronomy Office Office/supplies None Deficiency Equipment animals No Minor 7 refrigerator. maintained. Wash ensure it is functional. WAVUIT G668 Anteroom Rats Acceptable None None None None Label lids for trash and food; food label should include milling date and label should include milling date. Using milling date) and trash bin. WAVUIT G6C Housing Rats Acceptable None None None Delvin Clarkson Review emergency plan. Liveling milling date) and trash bin. WHOW IT G6C Housing Rats Acceptable None None None None Delvin Clarkson Back 9 Sheep Acceptable None None None None None None None Non							comes into close or					to be labeled; Eye wash weekly testing		Proper signage was placed on the refrigerator.
WU IT GGB Anteroom Rats Acceptable None None None None Label lids for trash and food; food label should include milling date. Gregory Labels have been placed on food bin (includes milling date) and trash bin. WU IT GGC Housing Rats Acceptable None Review emergency plan. Lieving milling date) and trash bin. Willow Bend Pasture Pasture Cattle Acceptable None None None None Delvin Clarkson Stewartstown Back 9 Sheep Acceptable None None None Walsh Stewartstown Barn - Beef Barn - Beef Cattle Acceptable None None None Walsh Stewartstown Barn - Dairy Stewartstown Stewartstown Barn - Helfer Acceptable None None None Walsh Stewartstown Barn - Hay Barn - Hay Cattle Acceptable None None None Walsh Stewartstown Barn - Hog Barn - Hog Swine Acceptable None None None Walsh Stewartstown Barn - Hog Barn - Hog Swine Acceptable None None None Walsh Stewartstown Barn - Hog Barn - Hog Swine Acceptable None Stewartstown Lambing Barn - Lambing Sheep Acceptable None None Walsh Stewartstown Barn - Hog Swine Acceptable None Senjamin Stewartstown Lambing Sheep Acceptable None None Walsh Stewartstown Barn - Hog Swine Acceptable None Senjamin Stewartstown Barn - Hog Swine Acceptable None Stewartstown Stewartstown Stewartstown Barn - Hog Swine Acceptable None Stewartstown Stewarts	Agronomy	Office	Office/supplies	None	Deficiency	Equipment		No	Minor	7				
MVUIT 66B Anteroom Rats Acceptable None None Lieving Label lids for trash and food; food label should include milling date. Gregory Labels have been placed on food bin (includes milling date) and trash bin. MVI IT 66C Housing Rats Acceptable None Review emergency plan. Useving milling date and trash bin. MVI IT 66C Housing Rats Acceptable None None None Delvin Clarkson Stewartstown Barn - Beef Barn - Beef Cattle Acceptable None None None Walsh Stewartstown Barn - Dairy Barn - Dairy Barn - Dairy Helfer Cattle Acceptable None None None Walsh Stewartstown Barn - Hay Barn - Hay Cattle Acceptable None None None Walsh Stewartstown Barn - Hay Barn - Hay Cattle Acceptable None None None Walsh Stewartstown Barn - Hay Barn - Hay Sweep Sw	g. aa.try		, тарриса			1								0.00.0000000000000000000000000000000000
WUIT GGC Housing Rats Acceptable None Review emergency plan. Leving milling date, and trash bin. None Review emergency plan. Leving milling date and trash bin. Mone Review emergency plan. Leving milling date and trash bin. Mone None None None Stewartstown Barn - Beef Barn - Beef Stewartstown Review emergency plan. Leving milling date and trash bin. Mone None None None Walsh Benjamin Stewartstown Review emergency plan. Leving milling date and trash bin. Mone None None Walsh Service Acceptable None None None Walsh Stewartstown Review Rev	WVU IT	G6B	Anteroom	Rats	Acceptable						None	None		
Willow Bend Pasture Pasture Cattle Acceptable None None Delvin Clarkson Stewartstown Back 9 Back 9 Sheep Acceptable None None Walsh Stewartstown Barn - Beef Barn - Beef Cattle Acceptable None None Walsh Stewartstown Barn - Dairy Barn - Dairy Barn - Dairy Barn - Dairy Stewartstown Barn - Hay Barn - Dairy Stewartstown Barn - Hay Barn - Hay Cattle Acceptable None None None Walsh Stewartstown Barn - Hay Barn - Hay Barn - Hay Barn - Hay Stewartstown Barn - Hay Barn - Hay Stewartstown Barn - Hay Barn - Hay Barn - Hay Stewartstown Barn - Hay Barn - Hay Barn - Hay Stewartstown Barn - Hay Barn - Hay Barn - Hay Stewartstown Barn - Hay Stewartstown Barn - Hay												label should include milling date.		
Stewartstown Back 9 Bac	WVU IT	G6C	Housing	Rats	Acceptable						None	Review emergency plan.	Lieving	milling date) and trash bin.
Stewartstown Barn - Beef Barn - Beef Cattle Acceptable None None Walsh Stewartstown Barn - Beef Barn - Dairy Helfer Cattle Acceptable None None Walsh Stewartstown Barn - Hay Barn - Hay Cattle Acceptable None None Walsh Stewartstown Barn - Hay Barn - Hay Cattle Acceptable None None Walsh Stewartstown Barn - Hay Barn - Hay Stewartstown Barn - Hay Stewar	Willow Bend	Pasture	Pasture		Acceptable						None	None	Delvin Clarkson	
Stewartstown Barn - Beef Barn - Beef Cattle Acceptable None None Walsh Stewartstown Barn - Dairy Heifer Heifer Cattle Acceptable None None None Walsh Stewartstown Barn - Hay Ba	Stewartsterm	Rack G	Rack 9		Accentable						None	None		
Stewartstown Heifer Cattle Acceptable None None Walsh Stewartstown Barn - Hay Barn - Hay Barn - Hay Cattle Acceptable None None None Walsh Stewartstown Barn - Hay Ba													Benjamin	
Stewartstown Barn - Hay Barn - Ha	Stewartstown	Barn - Beef	Barn - Beef	Cattle	Acceptable						None	None	Walsh	
Stewartstown Barn - Hay Barn - Hay Cattle Acceptable None None Walsh Stewartstown Barn - Hog Barn - Hog Swine Acceptable None GFI circuits but uncovered still Walsh Stewartstown Lambing Barn - Lambing Sheep Acceptable None None None Walsh Stewartstown BH 101 Breeding House Poultry Acceptable None protocols up to date Walsh None GFI circuits but uncovered still Walsh None None None Benjamin Stewartstown BH 101 Breeding House Benjamin None Poultry Acceptable None Benjamin None Benjamin Benjamin	Chausant -			Cattl:	Assantak!						None	Mana		
Stewartstown Barn - Hay Barn - Hay Cattle Acceptable None None Walsh Calves/ Sheep/ Sheep/ Stewartstown Barn - Hog Barn - Hog Swine Acceptable None GFI circuits but uncovered still Walsh Barn - Lambing Barn - Lambing Sheep Acceptable None None None Walsh Stewartstown BH 101 Breeding House Poultry Acceptable None protocols up to date Walsh Stewartstown BH 101 Breeding House Benjamin None Poultry Acceptable None Benjamin Benjamin None Benjamin None Benjamin Benjamin None Benjamin Benjam	siewartstown										none	none	Benjamin	
Sheep/ Stewartstown Barn - Hog Barn - Lambing Barn -		Barn - Hav	Barn - Hay		Acceptable	-					None	None		
Stewartstown BH 101 Breeding House Poultry Acceptable None None Benjamin None None Walsh None Protocols up to date Walsh Benjamin None Protocols up to date Walsh Benjamin Benjamin Benjamin Benjamin Benjamin	Stewartstown				l									
Stewartstown Lambing Barn - Lambing Sheep Acceptable None None Walsh Stewartstown BH 101 Breeding House Poultry Acceptable None Protocols up to date Walsh None Protocols up to date Walsh Benjamin		Í								i .	Mone	IGEL circuite but uncovered still		
Stewartstown BH 101 Breeding House Poultry Acceptable None protocols up to date Walsh Benjamin	Stewartstown Stewartstown		Barn - Hog		Acceptable						None	or circuits but uncovered still		
Benjamin Benjamin		Barn -	_	Swine									Benjamin	
	Stewartstown Stewartstown	Barn - Lambing	Barn -Lambing	Swine	Acceptable						None	None	Benjamin Walsh Benjamin	
	Stewartstown Stewartstown	Barn - Lambing	Barn -Lambing	Swine	Acceptable						None	None	Benjamin Walsh Benjamin Walsh	

Stewartstown	BH 101B	Breeding House	Poultry	Acceptable					None	None	Benjamin Walsh	
											Benjamin	
Stewartstown	BH 101B1	Breeding House	Poultry	Acceptable					None	None	Walsh	
Stewartstown	BH 101B1A	Breeding House	Poultry	Acceptable					None	None	Benjamin Walsh	
		v		,								
Stewartstown	Big Field	Big Field	Cattle/ Sheep	Acceptable					None	None	Benjamin Walsh	
54	Bottom	Date on Field	Cattle/	A					None		Benjamin	
Stewartstown	Field Dog House	Bottom Field	Sheep Cattle/	Acceptable					None		Walsh Benjamin	
Stewartstown	Field Driveway	Dog House Field	Sheep Cattle/	Acceptable					None	None	Walsh Benjamin	
Stewartstown	Field Dry Cow	Driveway Field	Sheep Cattle/	Acceptable					None	None	Walsh Benjamin	
Stewartstown	Field	Dry Cow Field	Sheep	Acceptable					None	None	Walsh	
		Grow Safe	Cattle/ Goats/								Benjamin	
Stewartstown	Facility Hog Barn	Facility	Sheep Cattle/	Acceptable					None		Walsh Benjamin	
Stewartstown	Field	Hog Barn Field	Sheep	Acceptable					None	None	Walsh	
Stewartstown	Hollow	Hollow	Cattle/ Sheep	Acceptable					None	None	Benjamin Walsh	
Stewartstown	Hutches - Calf	Hutches - Calf	Cattle	Acceptable					None	None	Benjamin Walsh	
	Sheep Barn	Lower Sheep	Cattle/								Benjamin	
Stewartstown	Field	Barn Field	Sheep	Acceptable					None	None	Walsh	
Stewartstown	Neck	Neck	Cattle/ Sheep	Acceptable					None	None	Benjamin Walsh	
Stewartstown		Pavilion	All	Acceptable					None		Benjamin Walsh	
	Pavilion		Cattle/								Benjamin	
Stewartstown		Pavilion Field	Sheep	Acceptable	 				None	None	Walsh	
Stewartstown	Pharmacy/V et Office	Main Building	None	Acceptable					None	No expired drugs/supplies	Benjamin Walsh	
Stewarteterm	Poultry Barn Field	Poultry Barn Field	Cattle/	Acceptable					None	None	Benjamin Walsh	
Stewartstown		Research	Sheep						None	Fire extinguishers need to be	Benjamin	
Stewartstown	RB 101	Building Research	Poultry	Acceptable					None		Walsh Benjamin	
Stewartstown	RB 102	Building Research	Poultry	Acceptable					None	None	Walsh Benjamin	
Stewartstown	RB 103	Building	Poultry	Acceptable					None	Former bsl2 space	Walsh	
Stewartstown	RB 104A	Research Building	Poultry	Acceptable					None	None	Benjamin Walsh	
Stewartstown	RB 104B	Research Building	Poultry	Acceptable					None	None	Benjamin Walsh	
		Research	Poultry								Benjamin	
Stewartstown	RB 104C	Building Research		Acceptable					None		Walsh Benjamin	
Stewartstown	RB 104D	Building Research	Poultry	Acceptable					None	None	Walsh Benjamin	
Stewartstown	RB 104E	Building Research	Poultry	Acceptable					None	None	Walsh Benjamin	
Stewartstown	RB 104F	Building	Poultry	Acceptable					None	None	Walsh	
Stewartstown	RB 104G	Research Building	Poultry	Acceptable					None	None	Benjamin Walsh	
Stewartstown	RB 104H	Research Building	Poultry	Acceptable					None	None	Benjamin Walsh	
		Research									Benjamin Walsh	
Stewartstown	RB 110	Building Research		Acceptable					None	None	Benjamin	
Stewartstown	RB 120	Building Research	Poultry	Acceptable					None	None	Walsh Benjamin	
Stewartstown	RB 130	Building	Poultry	Acceptable					None	None	Walsh	
Stewartstown	Road Field	Road Field	Cattle/ Sheep	Acceptable					None	None	Benjamin Walsh	
	Service Dog											
Stewartstown	Training Facility	Service Dog Training Facility	Dogs	Acceptable					None	Records are good	Benjamin Walsh	
Stewartstown	raciity	Training racinty	Dogs	Ассертавіе					None	necords are good	waisii	
Stewartstown	Shop Building	Shop Building	Cattle (calving)	Acceptable					None	None	Benjamin Walsh	
DrewditStOWN	animing	Shop building	(raivii)g)	cceptdule					Tront.	THORIE	***************************************	
			Cattle/		1						Benjamin	
Stewartstown	Shop Field	Shop Field	Sheep	Acceptable					None	None	Walsh	
Stewartstown	Silo Field	Silo Field	Cattle/ Sheep	Acceptable	1				None	None	Benjamin Walsh	
Secural ColdWil	Triangle	_no rielu	Cattle/	ccpsaure							Benjamin	
Stewartstown	Field	Triangle Field	Sheep	Acceptable					None		Walsh	
Stewartstown	Shop Field	Triangle Shop Field	Cattle/ Sheep	Acceptable					None	None	Benjamin Walsh	
	Upper	Upper Sheep	Cattle/		1						Benjamin	
Stewartstown	Field	Barn Field	Sheep	Acceptable					None		Walsh	
Stewartstown	Woods Field	Woods Field	Cattle/ Sheep	Acceptable					None		Benjamin Walsh	
			Zebrafish							Eye wash station needs to be checked		
		Satel ite		Acceptable					None	weekly and log sheet kept up to date.	David Klinke	
Satellite	BMRC 264				1	l			None	Clean; Not a lot of work going on for	Manager 1	
	HSC-N	Satel ite:						ı	None		Vincent Setola	
Satellite	HSC-N 3062/3061	Satel ite: Siderovski	Mouse	Acceptable						Refrigerator signs		
	HSC-N 3062/3061 Classroom/	Satel ite:		Acceptable Acceptable					None	Refrigerator signs Look for sharps container that breaks needles	Jerry Yates	
Satellite Reymann	HSC-N 3062/3061 Classroom/	Satel ite: Siderovski Classroom/Phar							None	Look for sharps container that breaks	Jerry Yates	
Satellite Reymann Memorial Reymann Memorial	HSC-N 3062/3061 Classroom/ Pharmacy Beef Pasture	Satel ite: Siderovski Classroom/Phar							None None	Look for sharps container that breaks	Jerry Yates Jerry Yates	
Satellite Reymann Memorial Reymann	HSC-N 3062/3061 Classroom/ Pharmacy Beef Pasture Sheep Pasture	Satel ite: Siderovski Classroom/Phar macy Beef Pasture Sheep Pasture	None	Acceptable						Look for sharps container that breaks needles	Jerry Yates Jerry Yates	
Satellite Reymann Memorial Reymann Memorial Reymann	HSC-N 3062/3061 Classroom/ Pharmacy Beef Pasture Sheep Pasture	Satel ite: Siderovski Classroom/Phar macy Beef Pasture Sheep Pasture Core: Rodent Behavior	None Cattle Sheep	Acceptable Acceptable					None	Look for sharps container that breaks needles	Jerry Yates Jerry Yates James Simpkins	
Satellite Reymann Memorial Reymann Memorial Reymann Memorial Reymann Memorial	HSC-N 3062/3061 Classroom/ Pharmacy Beef Pasture Sheep Pasture G-201	Satel ite: Siderovski Classroom/Phar macy Beef Pasture Sheep Pasture Core: Rodent Behavior Core: Rodent	None Cattle Sheep Rodent	Acceptable Acceptable Acceptable					None None None	Look for sharps container that breaks needles None None	Jerry Yates Jerry Yates James Simpkins James	
Satellite Reymann Memorial Reymann Memorial Reymann Memorial Reymann Reymann Remorial RBC	HSC-N 3062/3061 Classroom/ Pharmacy Beef Pasture Sheep Pasture G-201 G-201A	Satel ite: Siderovski Classroom/Phar macy Beef Pasture Sheep Pasture Core: Rodent Behavior Core: Rodent Core: Rodent	None Cattle Sheep Rodent Rodent	Acceptable Acceptable Acceptable Acceptable Acceptable					None None None	Look for sharps container that breaks needles None None None	Jerry Yates Jerry Yates James Simpkins James Simpkins James	
Satellite Reymann Memorial Reymann Memorial Reymann Memorial Reymann Memorial	HSC-N 3062/3061 Classroom/ Pharmacy Beef Pasture Sheep Pasture G-201 G-201A	Satel ite: Siderovski Classroom/Phar macy Beef Pasture Sheep Pasture Core: Rodent Behavior Core: Rodent Behavior	None Cattle Sheep Rodent	Acceptable Acceptable Acceptable					None None None	Look for sharps container that breaks needles None None	Jerry Yates Jerry Yates James Simpkins James Simpkins James Simpkins	
Satellite Reymann Memorial Reymann Memorial Reymann Memorial RBC RBC	HSC-N 3062/3061 Classroom/ Pharmacy Beef Pasture Sheep Pasture G-201 G-201A	Satel ite: Siderovski Classroom/Phar macy Beef Pasture Sheep Pasture Core: Rodent Behavior Core: Rodent Core: Rodent	None Cattle Sheep Rodent Rodent Rodent	Acceptable Acceptable Acceptable Acceptable Acceptable					None None None	Look for sharps container that breaks needles None None None	Jerry Yates Jerry Yates James Simpkins James Simpkins James	

	Gustafson										
Potomac State	Pasture	Gustafson Farm	Cattle	Acceptable				None	None	Darin Matlick	
Potomac State	Free Stall Goat	Gustafson Farm	Cattle	Acceptable				None	None	Darin Matlick	
Potomac State	pasture Covered	Gustafson Farm	Cattle	Acceptable				None	None	Darin Matlick	
Potomac State	Enclosure	Malone Farm	Cattle	Acceptable				None	None	Darin Matlick	
Potomac State	Pastures	Malone Farm	Cattle	Acceptable				None	None	Darin Matlick	
	Steer Barn	Malone Farm	Cattle	Acceptable				None	None	Darin Matlick	
Organic	Handling Facility	Handling Facility	All	Acceptable				None	None	Benjamin Walsh	
Organic	Main Building	Main Building	All	Acceptable				None	None	Benjamin Walsh	
Organic	Pastures	Pastures	All	Acceptable				None	None	Benjamin Walsh	
	Sheep									Benjamin	
Organic	Building	Sheep Building	Sheep	Acceptable				None	None	Walsh Benjamin	
Organic	Tunnel	Tunnel	Cattle	Acceptable				None	None	Walsh	
									Not the ofference bearing of the		
									Not clear if room has been used for housing yet but no records of		
OLAR	G-209	Procedure/Tem porary Housing	Rodent	Acceptable				None	temperatures or humilities (though thermometer/hygrometer present).	lda Washington	
									Not suitable for animal use due to cold temp		
OLAR	G-210	Procedure	Rodent	Acceptable				None	currently not in use	lda Washington	
OLAR	G-218	Surgeon Prep (USDA)		Acceptable				None	None	lda Washington	
		. "								Ida	
OLAR	G-223	CLAMS housing	Mouse	Acceptable				None	None	Washington Ida	
OLAR	G-224	Rodent surgery	Rodent	Acceptable				None	None	Washington	
OLAR	G-225	Procedure/rode nt surgery	Rodent	Acceptable				None	None	Brown/ Ida Washington	
			oueilt						New water system being installed on	Ida	
LSB	B10	Clean Side		Acceptable				None	Monday	Washington	
									Would like to see the sharpening and usage records for guillotine located in	Ida	
LSB	B11	Necropsy	All	Acceptable				None	this room. Who does it belong to?	Washington	
									Pre/post op sx area (rats); needs to be	Ida	
LSB	B13	Communal area	Fish	Acceptable				None	cleaned well before procedures Autoclave located here; logs present.	Washington Ida	
LSB	B13A	Storage	Fish	Acceptable				None	Needs a good cleaning	Washington	
LSB	B13B	Housing (Aquatic)	Fish	Acceptable				None	Chains for tanks being installed Monday	lda Washington	
LSB	B13C	Housing (Aquatic)	Fish	Acceptable				None	None	lda Washington	
230	bisc	(riquatic)	1.511	лесериин				TWOTE			
LSB	B14	Dirty Side		Acceptable				None	Light bulb needs to be replaced - AHT to complete after the inspection	lda Washington	
LSB	B15	Quarantine	All	Acceptable				None	None	lda Washington	
LSB	B15A	Quarantine cubicle	All	Acceptable				None	None	lda Washington	
		Quarantine								Ida	
LSB	B15B	cubicle	All	Acceptable				None	None	Washington Ida	
LSB	B16	Feed Room	None	Acceptable				None	None	Washington Ida	
LSB	B17	Communal area	Pigeons	Acceptable				None	None	Washington	
LSB	B17A	Housing	Pigeons	Acceptable				None	None	lda Washington	
LSB	B21	Housing	Rodent	Acceptable				None	Hoods are due for certification by the end of April	Ida Washington	
										Ida	
LSB	B23 Freight	Housing Elevator for	Rodent	Acceptable				None	None	Washington Ida	
LSB	Elevator	transport	All	Acceptable				None	None	Washington Ida	
LSB	2150	Communal area	All	Acceptable				None	None	Washington Ida	
LSB	2150B	Supply Closet		Acceptable				None	None	Washington	
LSB	2150C	Hallway	Rodent	Acceptable				None	None	lda Washington	
		-7		,						Ida	
LSB	2150C1	Housing	Rodent	Acceptable		 		None	hood due	Washington Ida	
LSB	2150C2	Housing	Rodent	Acceptable				None	None	Washington	
LSB	2150C3	Janitor Closet	None	Acceptable				None	None	lda Washington	
LSB	2150C4	Housing	Rodent	Acceptable				None	None	lda Washington	
										Ida	
LSB		Housing Satel ite	Rodent	Acceptable				None	None	Washington	
LSB	7A1	Housing Satel ite	Fish	Acceptable				None	None	Gary Marsat	
LSB	4231B	Housing	Fish	Acceptable				None	None	Sadie Bergeron	
LSB	Loading Dock	Loading Dock		Acceptable				None	None	Ida Washington	
	Multi Purpose	Building used									
JW Ruby	Building	for horse shows	Horses	Acceptable					New building to inspection list Needs new protocol number listed on	Crystal Smith	
JW Ruby	(Housing)	Barn (Housing)	Horses	Acceptable				None	poster in barn	Crystal Smith	
	Indoor arena (No	Indoor arena									
JW Ruby	housing) Outdoor	(No housing)	Horses	Acceptable		 		None	Very clean	Crystal Smith	
nac Pools	arena (No	Outdoor arena						None	None	Countril Countril	
JW Ruby	housing) Education	(No housing) Education	Horses	Acceptable				None	None All supplies up to date; need to place	Crystal Smith	
JW Ruby	Center/ Pharmacy	Center/Pharmac V	Horses	Acceptable				None	a sticker on the refrigerator "human food only"	Crystal Smith	Refrigerator stickers sent. Ak
-,	Horse	Harra D								, 2.2	
JW Ruby	Pastures 1- 3	Horse Pastures 1-3	Horses	Acceptable				None	Electric checked weekly - will start recording testing (Mike)	Crystal Smith	
									Replace all contact sheets with		
JW Ruby	Shop/office	Shop/office	None	Acceptable				None	updated information	Rodney Kiser	

JW Ruby	Pike Side Facility	Pike Side Facility	Cattle	Acceptable				None	No fire extinguishers in building.	Rodney Kiser	
JW Maby	rucincy	rike side ruenty	curre	лесерионе				TOTAL	Camp Dawson will start using a hay	mouncy maci	
JW Ruby	Pastures	Pastures	Cattle	Acceptable				None	field for parachute dri ls- no animals will be in the field	Rodney Kiser	
		Procedure -							Eye wash station needs to be checked		
Inhalation	4040A	Inhalation		Acceptable				None	weekly and log sheet kept up to date.		
	HSC-N	Inhalation Facility and								Ida	
Inhalation	4040B	Housing	Rodent	Acceptable				None	None	Washington	
Inhalation	HSC-N 4040C	Procedure - Inhalation		Acceptable				None	None	Timothy Nurkiewicz	
Inhalation	HSC-N 4040D	Procedure - Inhalation		Acceptable				None	Mana	Timothy Nurkiewicz	
innaiation	HSC-N	Procedure -		Acceptable				None	None	Timothy	
Inhalation	4040E	Inhalation		Acceptable				None	None	Nurkiewicz	
									F-air canisters should be placed		
									vertically and off of the table surface to be effective. They should not be	Ida	New F/AIR baskets have been ordered for
HSC	HSC 1	General Facility	All	Acceptable					used while horizontal.	Washington	anethesia machines in facility. (IW)
HSC	V-301	AFA Procedure	Rodent	Acceptable				None	Fume hood out of service - flow too high; ensure sign is visible	lda Washington	
HSC	V-305	AFA Housing		Acceptable				None		lda Washington	
Hac	V-303	Ara nousing	Kouent	Acceptable				None	None	wasnington	
										Ida	
HSC	V-306	AFA Housing	Rodent	Acceptable				None	None	Washington	
										Ida	
HSC	V-308	AFA Housing	Rodent	Acceptable				None	None	Washington	
										Ida	
HSC	V-310	AFA Housing	Rodent	Acceptable				None		Washington	
HSC	V-311	AFA Housing	Rodent	Acceptable	<u></u>		L	None	None	Ida Washington	
								· · ·			
HSC	V-901	AFA Housing	Rodent	Acceptable				None	Improper PPE	lda Washington	
H2C		AFA HOUSING	Kodent	Acceptable				None		Ida	
HSC	V-903	AFA Housing Exterior service	Rodent	Acceptable				None	None	Washington	
		area for the								Ida	
HSC	V-210	TACF/Barrier Autoclave for		Acceptable				None	None	Washington	
		the								Ida	
HSC	V-211	TACF/Barrier Pass-through for		Acceptable				None	None	Washington	
HSC	V-212	the TACF/Barrier	Rodent	Acceptable				None	None	lda Washington	
Hac	V-212	Interior service	Kouent	Acceptable				None			
HSC	V-213	area for the TACF/Barrier		Acceptable				None		Ida Washington	
										Ü	
										Ida	
HSC	V-601	Hallway		Acceptable				None	None	Washington	
									Temperature/humidity logs are		
									electronic. AHT will call any issues in	Ida	
HSC	V-602	Housing	Rodent	Acceptable				None	to supervisor.	Washington	
										Ida	
HSC	V-603	Housing	Rodent	Acceptable				None	None	Washington	
		Core: TACF Laboratory							CO2 monitor may need to be placed		
HSC			Rodent	Acceptable				None		Peter Mathers	
HSC		Quarantine		Acceptable	1			None		lda Washington	
a saffe	, 555	-quarantine	oueilt	. acceptable				a a marada		. rusanigiUII	
		Barrier							F-Air canister needs to remain upright during use but be off of the table		
		Procedure							surface. An apparatus may need to be	lda	
HSC	V-610	Room	Rodent	Acceptable	-			None		Washington Ida	
HSC	V-611	Barrier Housing	Rodent	Acceptable				None	Feed room	Washington	
HSC	V-612	Barrier Necropsy	Rodent	Acceptable	1			None	None	lda Washington	
a saffe	, 512	. лесторау	oueilt	. acceptable				a a marada			
HSC	V-613	Barrier Housing	Rodent	Acceptable				None	None	lda Washington	
1136	A-013	parrier Housing	Rouent	verehranie				IVOILE	NOTE		
HSC	V-614	Barrier Housing	Rodent	Acceptable	<u>L</u>		L	None	None	lda Washington	
										Ida	
HSC	V-615	Barrier Housing	Rodent	Acceptable				None	None	Washington	
HEC	V 627	Danie III	Davi	Acceptable				None		lda	
HSC	V-617	Barrier Housing	Kodent	Acceptable	-			None	No animals housed	Washington	
	Loading									Ida	
HSC	Loading Dock	Loading Dock	All	Acceptable				None	None	Washington	
HSC	G-200	Storage		Acceptable				None	None	lda Washington	
										Ida	
HSC	G-241A	Storage		Acceptable				None		Washington Ida	
HSC	G-241B	Storage		Acceptable				None		Washington	
HSC	G-228	Laboratory	Rodent	Acceptable				None	None	Travis Knuckles	
										Ida	
HSC	G-192	Storage OLAR training		Acceptable				None	None F-Air canister needs to be upright and		
HSC	G-197	room	All	Acceptable	-			None	elevated to work properly	Washington Ida	
HSC	G-198	OLAR Imaging	All	Acceptable				None	None	lda Washington	

		r			,				T.	,	
		OLAR veterinary								Ida	
HSC	G-199	treatment area		Acceptable				None	None	Washington	
		Use: TBD (Under								Ida	
HSC	G-204	construction)		Acceptable				None	Not suitable for housing at this time.	Washington	
HSC	G-205	Clean cage storage		Acceptable				None	None	lda Washington	
									What about special diet	Ida	
HSC	G-207	Feed Room		Acceptable				None	management?	Washington	
HSC	V-105	ABSL-2 procedure	Rodent	Acceptable				None	None	lda Washington	
1130	7 103	procedure	HOGEN	лесериоле				TWO IS	THORIC .	Ida	
HSC	V107	ABSL-2 housing	Rodent	Acceptable				None	keep a copy of ACUC protocol in room	Washington	
	V-109									Ida	
HSC	V-109	ABSL-2 housing Chemical	Rodent	Acceptable				None	None	Washington Ida	
HSC	V-111	Hazard Housing	Rodent	Acceptable				None	None	Washington	
		Temporary ABSL-								Ida	
HSC	V-112	2 Storage Bedding/Autocla		Acceptable				None	None	Washington Ida	
HSC	V-120	ve		Acceptable				None	None	Washington	
HSC	V-128	Dirty Side		Acceptable				None	None	lda Washington	
HCA	V-502	HCA Housing	Rodent	Acceptable				None	No animals at this time	Alexandra Elliott	
			Kodent					None	No animais at this time	Alexandra	
HCA	V-505	HCA Autoclave HCA PPE Doffing		Acceptable				None	None	Elliott Alexandra	
HCA	V-506	Area		Acceptable				None	None	Elliott	
HCA	V-507	HCA Storage		Acceptable	<u></u>	L		None	None	Alexandra Elliott	
		HCA Shower/Exit								Alexandra	
HCA	V-508 Any	area		Acceptable				None	None	Elliott	
	transport	Any transport								Benjamin	
Farms	vehicle(s)	vehicle(s)	All	Acceptable				None	None	Walsh	
		Supply Hallway Surgeon Prep								Robert	
FARF	104	(USDA)	None	Acceptable				None	None	Goodman Ida	
FARF	104A	Surgery (USDA)	Sheep	Acceptable				None	None	Washington	
FARF	104B	Surgery (USDA)	Sheep	Acceptable				None	None	lda Washington	
										Ida	
FARF	106E	Cooler		Acceptable				None	None	Washington	
FARF	106E	Cooler		Assentable				None	None	Ida	
FARF	TOPE	Cooler		Acceptable				None	None	Washington	
FARF	108A	Service area	None	Acceptable				None	Inspected as part of EH&S annual safety audit	lda Washington	
T PAIG	100/1	Service di ed	THORE	лесериоле				TWO IS		Washington.	
		Surgery Prep							If anesthetic equipment must be shared it is recommended that each	Ida	
FARF			Sheep	Acceptable				None	PI have their own tubes for surgery.	Washington	
	109	(USDA)									
	109	(USDA)								Ida	
FARF	110	(USDA) Necropsy	Sheep	Acceptable				None	None		
FARF				Acceptable				None		Ida	
FARF				Acceptable				None	Pipe sticking up in ground by building is now covered. Electric cords from	Ida	
FARF				Acceptable				None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to	Ida Washington	
FARF				Acceptable Acceptable				None	Pipe sticking up in ground by building is now covered. Electric cords from	Ida	
FARF	110 Pasture Loading	Necropsy Pasture Food/supplies	Sheep	Acceptable				None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed).	Ida Washington Ida Washington	
FARF	110 Pasture	Necropsy Pasture	Sheep						Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in	Ida Washington Ida Washington Ida Washington	
FARF	Pasture Loading	Necropsy Pasture Food/supplies delivery Animal delivery	Sheep Sheep None	Acceptable				None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed).	Ida Washington Ida Washington Ida Washington Ida Washington Ida Washington	
FARF	Pasture Loading	Pasture Food/supplies delivery Animal delivery Core: Stroke Surgical Room	Sheep Sheep None	Acceptable Acceptable				None None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather -FM needs to put electric in this area (work order needed). None	Ida Washington Ida Washington Ida Washington Ida	
FARF FARF ESC	Pasture Loading dock Loading Pad BMRC 141	Pasture Food/supplies delivery Animal delivery Core: Stroke Surgical Room	Sheep Sheep None Sheep Rodent	Acceptable Acceptable Acceptable Acceptable				None None None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None None	Ida Washington Ida Washington Ida Washington Ida Washington James Simpkins	
FARF FARF ESC. AMIF	Pasture Loading dock Loading Pad BMRC 141 G-229A	Pasture Food/supplies delivery Animal delivery Core: Stroke Surgical Room Core: AMIF main hallway Core: AMIF Vivo	Sheep Sheep None Sheep Rodent Rodent	Acceptable Acceptable Acceptable Acceptable Acceptable				None None None None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None None None	Ida Washington Ida Washington Ida Washington Ida Washington James Simpkins	
FARF FARF ESC	Pasture Loading dock Loading Pad BMRC 141	Pasture Food/supplies delivery Animal delivery Core: Stroke Surgical Room Core: AMIF main hallway Core: AMIF Vivo AMIF	Sheep Sheep None Sheep Rodent	Acceptable Acceptable Acceptable Acceptable				None None None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None None	Ida Washington Ida Washington Ida Washington Ida Washington James Simpkins	
FARF FARF ESC AMIF	Pasture Loading dock Loading Pad BMRC 141 G-229A G-229B	Pasture Food/supplies delivery Animal delivery Core: Stroke Surgical Room Core: AMIF Core: AMIF Core: AMIF Core AMIF Core AMIF	Sheep Sheep None Sheep Rodent Rodent	Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable				None None None None None None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None None None None	ida Washington Ida Washington Ida Washington Ida Washington James Simpkins Karen Martin	
FARF FARF ESC. AMIF	Pasture Loading dock Loading Pad BMRC 141 G-229A	Pasture Food/supplies delivery Animal delivery Core: Stroke Surgical Room Core: AMIF main hallway Core: AMIF Vivo AMIF	Sheep Sheep None Sheep Rodent Rodent	Acceptable Acceptable Acceptable Acceptable Acceptable				None None None None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None None None	Ida Washington Ida Washington Ida Washington Ida Washington James Simpkins	
FARF FARF ESC AMIF AMIF	Pasture Loading dock Loading Pad BMRC 141 G-229A G-229B G-229D	Pasture Food/supplies delivery Animal delivery Animal delivery Core-Stroke Surgical Room Core-AMIF Www AMIF Core-AMIF Www AMIF Core-AMIF Wood Core-AMIF Ord	Sheep Sheep None Sheep Rodent Rodent Rodent Rodent	Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable				None None None None None None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None None None None None	Ida Washington Ida Washington Ida Washington Ida Washington Ida Washington Ida Washington Ida Karen Martin Karen Martin Karen Martin	
FARF FARF ESC AMIF AMIF	Pasture Loading dock Loading Pad BMRC 141 G-229A G-229B G-229B	Pasture Food/supplies delivery Animal delivery Animal delivery Core-Stroke Surgical Room Core-AMIF Www AMIF Core-AMIF Www AMIF Core-AMIF Wood Core-AMIF Wood Core-AMIF Wood Core-AMIF Core-AMIF Wood Core-AMIF Wood Core-AMIF Wood Core-Core-Core-Core-Core-Core-Core-Core-	Sheep None Sheep Rodent Rodent Rodent Rodent	Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable				None None None None None None None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None None None None None	Ida Washington Ida Washington Ida Washington Ida	
FARF FARF ESC AMIF AMIF	Pasture Loading dock Loading Pad BMRC 141 G-229A G-229B G-229D	Pasture Food/supplies delivery Animal delivery Core: Athlif vivo Surgical Room Core: Athlif vivo Athlif vivo Room Room Room Room Core: Athlif vivo Room Core: Athlif vivo Core	Sheep Sheep None Sheep Rodent Rodent Rodent Rodent	Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable				None None None None None None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None None None None	Ida Washington Ida Washington Ida W	
FARF FARF ESC AMIF AMIF	Pasture Loading dock Loading Pad BMRC 141 G-229A G-229B G-229B	Pasture Food/supplies delivery Animal delivery Animal delivery Core-Stroke Surgical Room Core-AMIF Www AMIF Core-AMIF Www AMIF Core-AMIF Wood Core-AMIF Wood Core-AMIF Wood Core-AMIF Core-AMIF Wood Core-AMIF Wood Core-AMIF Wood Core-Core-Core-Core-Core-Core-Core-Core-	Sheep None Sheep Rodent Rodent Rodent Rodent	Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable Acceptable				None None None None None None None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather. Fit meds to put electric in this area (work order needed). None	Ida Washington Ida Washington Ida Washington Ida	
FARF FARF ESC AMIF AMIF AMIF	Pasture Loading dock Loading Pad BMRC 141 G-229A G-229B G-229E G-229F	Pasture Food/supplies delivery Animal delivery Animal delivery Core: Stroke Surgical Room Core: AMIF Who AMIF Core: AMIF Who Scan Room Core: Core: Laboratory Core: AMIFOR	Sheep Sheep None Sheep Rodent Rodent Rodent Rodent Rodent	Acceptable				None None None None None None None None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None None None None None None None Non	Ida Washington Ida Washington Ida Washington Ida Washington Ida Washington James Simpkins Karen Martin Karen Martin Timothy Eubank Karen Martin	
FARF FARF ESC AMIF AMIF AMIF	Pasture Loading dock Loading Pad BMRC 141 G-229A G-229B G-229B G-229E G-229F G-229F	Pasture Food/supplies delivery Animal delivery Animal delivery Core: Stroke Surgical Room Core: AMIF Who AMIF Core: AMIF Who Scan Room Core: Core: Laboratory Core: AMIFOR	Sheep None Sheep Rodent Rodent Rodent Rodent Rodent Rodent Sheep	Acceptable				None None None None None None None None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None None None None None None None Non	Ida Washington Ida Washington Ida W	
FARF FARF FARF ESC AMIF AMIF AMIF AMIF	Pasture Loading dock Loading Pad BMRC 141 G-229A G-229B G-229B G-229F G-229F	Pasture Food/supplies delivery Animal delivery Animal delivery Core: Stroke Surgical Room Core: AMIF Manihal Maria Frocedure Room Core: AMIF Vivo Room Core: AMIF Vivo Core: AMIF Vivo Core: AMIF Core	Sheep None Sheep Rodent Rodent Rodent Rodent Rodent Rodent Rodent Rodent Rodent	Acceptable				None None None None None None None None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None	ida Washington ida Washington	
FARF FARF FARF ESC AMIF AMIF AMIF AMIF AMIF AMIF AMIF AMIF	Pasture Loading dock Loading Pad BMRC 141 G-229A G-229B G-229E G-229F G-229G Main Barn West Barn	Pasture Food/supplies delivery Animal delivery Animal delivery Animal delivery Core: Stroke Surgical Room Core: AMIF Wiso AMIF Core: AMIF Viso Room Core: AMIF Viso Scan Room Core: AMIF Ivis Scan Room Core: AMIF Ivis Room Main Barn West Barn	Sheep None Sheep Rodent	Acceptable				None None None None None None None None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None	Ida Washington Ida Washington Ida Washington Ida	
FARF FARF FARF ESC AMIF AMIF AMIF AMIF AMIF AMIF AMIF AMIF	Pasture Loading dock Loading Pad BMRC 141 G-229A G-229B G-229F G-229F G-229G Main Barn Pasture	Pasture Food/supplies delivery Animal delivery Animal delivery Core: Stroke Surgical Room Core: AMIF Vivo AMIF Vivo AMIF Vivo AMIF Vivo Core: AMIF Vivo Scan Room Core: AMIF Vivo Core: Core: Laboratory Core: AMIF Vivo Room Main Barn West Barn Pasture(s)	Sheep Sheep None Sheep Rodent Rode	Acceptable				None None None None None None None None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None N	Ida Washington Ida Washington	
FARF FARF FARF ESC AMIF AMIF AMIF AMIF AMIF AMIF AMIF AMIF	Pasture Loading dock Loading Pad BMRC 141 G-229A G-229B G-229E G-229F G-229G Main Barn West Barn	Pasture Food/supplies delivery Animal delivery Animal delivery Animal delivery Core: Stroke Surgical Room Core: AMIF Wiso AMIF Core: AMIF Viso Room Core: AMIF Viso Scan Room Core: AMIF Ivis Scan Room Core: AMIF Ivis Room Main Barn West Barn	Sheep Sheep None Sheep Rodent Rodent Rodent Rodent Rodent Rodent Limas/ Sheep Limas/ Sheep	Acceptable				None None None None None None None None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None Roenel work order needed either on the barn or at the pens with protocol info None Recently completed; Inspected \$5,31,2019.	Ida Washington Ida Washington	
FARF FARF FARF ESC AMIF AMIF AMIF AMIF AMIF AMIF AMIF AMIF	Pasture Loading dock Loading Pad BMRC 141 G-229A G-229B G-229B G-229E G-229F G-229G Wain Barn West Barn Pasture	Pasture Food/supplies delivery Core: Africa	Sheep Sheep None Sheep Rodent Rode	Acceptable				None One None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None N	Ida Washington Ida Washington Ida Washington Ida	
FARF FARF FARF ESC AMIF AMIF AMIF AMIF AMIF AMIF AMIF AGRONOMY Agronomy Agronomy Agronomy	Pasture Loading dock Loading Pad BMRC 141 G-229A G-229B G-229F G-229F G-229G Main Barn Pasture	Pasture Food/supplies delivery Animal delivery Animal delivery Core: Stroke Surgical Room Core: AMIF Vivo AMIF Vivo AMIF Vivo AMIF Vivo Core: AMIF Vivo Scan Room Core: AMIF Vivo Core: Core: Laboratory Core: AMIF Vivo Room Main Barn West Barn Pasture(s)	Sheep Sheep None Sheep Rodent Rode	Acceptable				None None None None None None None None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None N	Ida Washington Ida Ida Ida Washington Ida Ida Ida Ida Ida Ida Ida Ida Ida Id	
FARF FARF ESC AMIF AMIF AMIF AMIF AMIF AMIF AMIF AMIF	Pasture Loading Pad BMRC 141 G-229A G-229B G-229F G-229F Main Barn West Barn Pasture Pasture Pasture Transport Vehicles	Pasture Food/supplies delivery Animal delivery Core: Stroke Suprical Room Core: AMIF Vivo Amimal hallway Core: AMIF Vivo Amimal hallway Core: AMIF Vivo Room Core: AMIF Vivo Scan Room Core: Core: Laboratory Core: AMIF Vivo Room Main Barn West Barn Pasture(s) Pasture(s) Used for animal	Sheep Sheep None Sheep Rodent Rodent Rodent Rodent Rodent Sheep Liamas/ Sheep Liamas/ Sheep	Acceptable				None None None None None None None None	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None None None None None None None None Roea Signage should be placed either on the barn or at the pens with protocol info Recently completed; inspected 5/31/2019. Recently completed; inspected 6/12/2019.	Ida Washington Ida Washington Ida Washington Ida	
FARF FARF FARF ESC AMIF AMIF AMIF AMIF AMIF AMIF AMIF AGRONOMY Agronomy Agronomy Agronomy	Pasture Loading Pad BMRC 141 G-229A G-229B G-229F G-229F G-229G Main Barn West Barn Pasture Pasture Transport Vehicles Trout	Pasture Food/supplies delivery Animal delivery Core: Stroke Suprical Room Core: AMIF Vivo Amimal hallway Core: AMIF Vivo Amimal hallway Core: AMIF Vivo Room Core: AMIF Vivo Scan Room Core: Core: Laboratory Core: AMIF Vivo Room Main Barn West Barn Pasture(s) Pasture(s) Used for animal	Sheep Sheep None Sheep Rodent Rodent Rodent Rodent Rodent Sheep Liamas/ Sheep Liamas/ Sheep	Acceptable				None OLAR would like to start using the Jeep (passenger) to transport animals. Van currently transports animals and supplies.	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None None None None None None None None Roea Signage should be placed either on the barn or at the pens with protocol info Recently completed; inspected 5/31/2019. Recently completed; inspected 6/12/2019.	Ida Washington	
FARF FARF FARF ESC AMIF AMIF AMIF AMIF AMIF AMIF AGRONOMY Agronomy Agronomy Agronomy HSC Reymann	Pasture Loading dock Loading Pad BMRC 141 G-229A G-229B G-229B G-229F G-229F G-229G West Barn Pasture Pasture Transport Vehicles Trout	Pasture Food/supplies delivery Core: Antimal	Sheep Sheep None Sheep Rodent Roden	Acceptable	Not in use			None OLAR would like to start using the Jeep (passenger) to transport animals. Van currently transports animals and supplies. What is properly the properly of th	Pipe sticking up in ground by building is now covered. Electric cords from fans in enclosures are exposed to weather - FM needs to put electric in this area (work order needed). None Recently completed; inspected 5/31/2019. Recently completed; inspected 6/12/2019. None	Ida Washington Karen Martin Karen Martin Karen Martin Karen Martin Eubank Karen Martin Benjamin Walsh Benjamin Walsh Benjamin Walsh Ida Washington	

I. Semiannual Program Review Checklist i

Institutional Policies and Responsibilities

1. Animal Care and Use Program №₩	\mathbf{A}^*	М	S	С	NA
 Responsibility for animal well-being is assumed by all members of the program (Guide p 1) [must] 	, X				
IO has authority to allocate needed resources (Guide, p 13)	X				
 Resources necessary to manage program of veterinary care are provided (Guide, p 14 [must]) X				
 Sufficient resources are available to manage the program, including training of personnel in accord with regulations and the Guide (Guide, pp 11, 15) 	x				
Program needs are regularly communicated to IO by AV and/or IACUC (Guide, p 13)	X				
Responsibilities for daily animal care and facility management are assigned to specific					
individual(s) when a full-time veterinarian is not available on site (Guide, p 14) [must					X
 Inter-institutional collaborations are described in formal written agreements (Guide, p. 15) 					
Written agreements address responsibilities, animal ownership, and IACUC oversight					
(Guide, <u>p 15</u>)	X				
2. Disaster Planning and Emergency Preparedness №	A*	М	S	С	NA
 Disaster plans for each facility to include satellite locations are in place (Guide, p 35, p 75) [must] 	X				
Plans include provisions for euthanasia (Guide, p 35) [must]	X				
 Plans include triage plans to meet institutional and investigators' needs (Guide, p 35) 	X				
 Plans define actions to prevent animal injury or death due to HVAC or other failures (Guide, p 35) 	X				
Plans describe preservation of critical or irreplaceable animals (Guide, p 35)	X				
Plans include essential personnel and their training (Guide, p 35)	X				
 Animal facility plans are approved by the institution and incorporated into overall response plan (Guide, p 35) 	X				
 Law enforcement and emergency personnel are provided a copy and integration with overall plan is in place (Guide, p 35) 	х				
3. IACUC	\mathbf{A}^*	М	S	С	NA
Meets as necessary to fulfill responsibilities (Guide, p 25) [must]	X				
 IACUC Members named in protocols or with conflicts recuse themselves from protocol decisions (Guide, p 26) [must] 	X				
Continuing IACUC oversight after initial protocol approval is in place (Guide, p 33)	X				
IACUC evaluates the effectiveness of training programs (Guide, p 15)	X				
4. IACUC Protocol Review - Special Considerations	A *	М	s	С	NA
Humane endpoints are established for studies that involve tumor models, infectious diseases, vaccine challenge, pain modeling, trauma, production of monoclonal antibodies, assessment of toxicologic effects, organ or system failure, and models of cardiovascular shock (Guide, p 27)	X			-	
	X				
 For pilot studies, a system to communicate with the IACUC is in place (Guide, p 28) For genetically modified animals, enhanced monitoring and reporting is in place 	^				
(Guide, <u>p 28</u>)	X				
Restraint devices are justified in the animal use protocols (Guide, p 29) [must]	X				
Alternatives to physical restraint are considered (Guide, p 29) Paried of restraint in the minimum to meet established (Guide, p 29)	X				
Period of restraint is the minimum to meet scientific objectives (Guide, p 29) Training of animals to adopt to meet scientific objectives (Guide, p 29)	X		-		
Training of animals to adapt to restraint is provided (Guide, p 29) Animals that fail has a dapt to restraint is provided (Guide, p 29)	X				
Animals that fail to adapt are removed from study (<i>Guide</i> , <u>p 29</u>)	X				
Appropriate observation intervals of restrained animals are provided (Guide, p 29) Vetaginary considered in provided if legisland animals are provided (Guide, p 29) Output Description of the constraint (Guide, p 29)	X				
 Veterinary care is provided if lesions or illness result from restraint (Guide, p 30) [must] 	X				

			_				
	•	Explanations of purpose and duration of restraint are provided to study personnel ($Guide$, p 30)	X				
	•	Multiple surgical procedures on a single animal are justified and outcomes evaluated	^				
		(Guide, p 30)	X				
	•	Major versus minor surgical procedures are evaluated on a case-by-case basis (Guide,					
-	V952	p 30)		X			
		Multiple survival procedure justifications in non-regulated species conform to regulated species standards (<i>Guide</i> , <u>p 30</u>)	Y				
		Animals on food/fluid restriction are monitored to ensure nutritional needs are met	^				
		(Guide, p 31)	X				
	•	Body weights for food/fluid restricted animals are recorded at least weekly (Guide, p					
		<u>31</u>)	X				
_	•	Daily written records are maintained for food/fluid restricted animals (Guide, p 31)	X				-
	•	Pharmaceutical grade chemicals are used , when available, for animal-related procedures (<i>Guide</i> , <u>p 31</u>)	X				
	•	Non-pharmaceutical grade chemicals are described, justified, and approved by IACUC	^				
		(Guide, p 31)	X				
	•	Investigators conducting field studies know zoonotic diseases, safety issues, laws and					
		regulations applicable in study area (Guide, <u>p 32</u>)	X				
		Disposition plans are considered for species removed from the wild (Guide, p 32)	Χ				
	•	Toe-clipping only used when no alternative, performed aseptically and with pain relief $(Guide, p.75)$	Y				
-		AND THE PROPERTY OF THE PROPER					
5.		CUC Membership and Functions	A*	М	S	С	NA
		IACUC is comprised of at least 5 members, appointed by CEO (PHS Policy, IV.A.3.)	X				
	•	Members include a veterinarian, a scientist, a nonscientist, and a nonaffiliated non-lab animal user ($Guide$, p 24) ⁱⁱ	~				
	•	IACUC authority and resources for oversight and evaluation of institution's program	^				
		are provided (Guide, p 14)	X				
		IACUC conducts semiannual evaluations of institutional animal care and use program					
_		(PHS Policy, <u>IV.B.</u>)	Χ				
_		Conducts semiannual inspections of institutional animal facilities (PHS Policy, IV.B.)	X				
_		IACUC organizationally reports to the Institutional Official (PHS Policy, IV.A.1.b.)	Χ				-
	•	Methods for reporting and investigating animal welfare concerns are in place (<i>Guide</i> , <u>p</u> 23) [must]	X				
	•	Reviews and investigates concerns about animal care and use at institutioniii (PHS					
		Policy, <u>IV.B.</u>)	X				
	•	Procedures are in place for review, approval, and suspension of animal activities (PMS Policy TV P.)	V				
-	70=6	(PHS Policy, <u>IV.B.</u>) Procedures are in place for review and approval of significant changes to approved	X				
		activities (PHS Policy, <u>IV.B.</u>)	X				
	•	Policies are in place for special procedures (e.g., genetically modified animals,					
		restraint, multiple survival surgery, food and fluid regulation, field investigations,					
_	2.50	agricultural animals) (<i>Guide</i> , p 27-32)	X				
	•	Requests for exemptions from major survival surgical procedure restrictions are made to USDA/APHIS' (<i>Guide</i> , p 30) [must]					X
	DO COLUMN			112000		0.000	^
6.		CUC Training NEW	A*	М	S	С	NA
	•	All IACUC members should receive:					
		 Formal orientation to institution's program (Guide, p 17) Training on legislation, regulations, guidelines, and policies (Guide, p 17) 	X				
		Training on how to inspect facilities and labs where animal use or housing occurs	^				
		(Guide, p 17)	X				
-		o Training on how to review protocols as well as evaluate the program (Guide, p 17)	X				
-		o Ongoing training/education (<i>Guide</i> , <u>p 17</u>)	X				
7	TA	CLIC Pasards and Panarting Passiromants Vi	A *	N/I		_	NI A
/.		CUC Records and Reporting Requirements ^{vi} Semiannual report to the IO (PHS Policy, <u>IV.B.</u>)	A	М	S	С	NA
	-	Submitted to IO every 6 months	х				Ť i
		<u> </u>	X				
-							

I. Semiannual Program Review Checklist i

Institutional Policies and Responsibilities

1. Animal Care and Use Program №₩	\mathbf{A}^*	М	S	С	NA
 Responsibility for animal well-being is assumed by all members of the program (Guide p 1) [must] 	, X				
IO has authority to allocate needed resources (Guide, p 13)	X				
 Resources necessary to manage program of veterinary care are provided (Guide, p 14 [must]) X				
 Sufficient resources are available to manage the program, including training of personnel in accord with regulations and the Guide (Guide, pp 11, 15) 	x				
Program needs are regularly communicated to IO by AV and/or IACUC (Guide, p 13)	X				
Responsibilities for daily animal care and facility management are assigned to specific					
individual(s) when a full-time veterinarian is not available on site (Guide, p 14) [must					X
 Inter-institutional collaborations are described in formal written agreements (Guide, p. 15) 					
Written agreements address responsibilities, animal ownership, and IACUC oversight					
(Guide, <u>p 15</u>)	X				
2. Disaster Planning and Emergency Preparedness №	A*	М	S	С	NA
 Disaster plans for each facility to include satellite locations are in place (Guide, p 35, p 75) [must] 	X				
Plans include provisions for euthanasia (Guide, p 35) [must]	X				
 Plans include triage plans to meet institutional and investigators' needs (Guide, p 35) 	X				
 Plans define actions to prevent animal injury or death due to HVAC or other failures (Guide, p 35) 	X				
Plans describe preservation of critical or irreplaceable animals (Guide, p 35)	X				
Plans include essential personnel and their training (Guide, p 35)	X				
 Animal facility plans are approved by the institution and incorporated into overall response plan (Guide, p 35) 	X				
 Law enforcement and emergency personnel are provided a copy and integration with overall plan is in place (Guide, p 35) 	х				
3. IACUC	\mathbf{A}^*	М	S	С	NA
Meets as necessary to fulfill responsibilities (Guide, p 25) [must]	X				
 IACUC Members named in protocols or with conflicts recuse themselves from protocol decisions (Guide, p 26) [must] 	X				
Continuing IACUC oversight after initial protocol approval is in place (Guide, p 33)	X				
IACUC evaluates the effectiveness of training programs (Guide, p 15)	X				
4. IACUC Protocol Review - Special Considerations	A *	М	s	С	NA
Humane endpoints are established for studies that involve tumor models, infectious diseases, vaccine challenge, pain modeling, trauma, production of monoclonal antibodies, assessment of toxicologic effects, organ or system failure, and models of cardiovascular shock (Guide, p 27)	X			-	
	X				
 For pilot studies, a system to communicate with the IACUC is in place (Guide, p 28) For genetically modified animals, enhanced monitoring and reporting is in place 	^				
(Guide, <u>p 28</u>)	X				
Restraint devices are justified in the animal use protocols (Guide, p 29) [must]	X				
Alternatives to physical restraint are considered (Guide, p 29) Paried of restraint in the minimum to meet established (Guide, p 29)	X				
Period of restraint is the minimum to meet scientific objectives (Guide, p 29) Training of animals to adopt to meet scientific objectives (Guide, p 29)	X		-		
Training of animals to adapt to restraint is provided (Guide, p 29) Animals that fail has a dapt to restraint is provided (Guide, p 29)	X				
Animals that fail to adapt are removed from study (<i>Guide</i> , <u>p 29</u>)	X				
Appropriate observation intervals of restrained animals are provided (Guide, p 29) Vetaginary considered in provided if legisland animals are provided (Guide, p 29) Output Description of the constraint (Guide, p 29)	X				
 Veterinary care is provided if lesions or illness result from restraint (Guide, p 30) [must] 	X				

			_				
	•	Explanations of purpose and duration of restraint are provided to study personnel ($Guide$, p 30)	X				
	•	Multiple surgical procedures on a single animal are justified and outcomes evaluated	^				
		(Guide, p 30)	X				
	•	Major versus minor surgical procedures are evaluated on a case-by-case basis (Guide,					
-	V952	p 30)		X			
		Multiple survival procedure justifications in non-regulated species conform to regulated species standards (<i>Guide</i> , <u>p 30</u>)	Y				
		Animals on food/fluid restriction are monitored to ensure nutritional needs are met	^				
		(Guide, p 31)	X				
	•	Body weights for food/fluid restricted animals are recorded at least weekly (Guide, p					
		<u>31</u>)	X				
_	•	Daily written records are maintained for food/fluid restricted animals (Guide, p 31)	Χ				-
	•	Pharmaceutical grade chemicals are used , when available, for animal-related procedures (<i>Guide</i> , <u>p 31</u>)	X				
	•	Non-pharmaceutical grade chemicals are described, justified, and approved by IACUC	^				
		(Guide, p 31)	X				
	•	Investigators conducting field studies know zoonotic diseases, safety issues, laws and					
		regulations applicable in study area (Guide, <u>p 32</u>)	X				
		Disposition plans are considered for species removed from the wild (Guide, p 32)	Χ				
	•	Toe-clipping only used when no alternative, performed aseptically and with pain relief $(Guide, p.75)$	Y				
-		AND THE PROPERTY OF THE PROPER					
5.		CUC Membership and Functions	A*	М	S	С	NA
		IACUC is comprised of at least 5 members, appointed by CEO (PHS Policy, IV.A.3.)	X				
	•	Members include a veterinarian, a scientist, a nonscientist, and a nonaffiliated non-lab animal user ($Guide$, p 24) ⁱⁱ	~				
	•	IACUC authority and resources for oversight and evaluation of institution's program	^				
		are provided (Guide, p 14)	X				
		IACUC conducts semiannual evaluations of institutional animal care and use program					
_		(PHS Policy, <u>IV.B.</u>)	Χ				
_		Conducts semiannual inspections of institutional animal facilities (PHS Policy, IV.B.)	X				
_		IACUC organizationally reports to the Institutional Official (PHS Policy, IV.A.1.b.)	Χ				-
	•	Methods for reporting and investigating animal welfare concerns are in place (<i>Guide</i> , <u>p</u> 23) [must]	X				
	•	Reviews and investigates concerns about animal care and use at institutioniii (PHS					
		Policy, <u>IV.B.</u>)	X				
	•	Procedures are in place for review, approval, and suspension of animal activities (PMS Policy TV P.)	V				
-	70=6	(PHS Policy, <u>IV.B.</u>) Procedures are in place for review and approval of significant changes to approved	X				
		activities (PHS Policy, <u>IV.B.</u>)	X				
	•	Policies are in place for special procedures (e.g., genetically modified animals,					
		restraint, multiple survival surgery, food and fluid regulation, field investigations,					
_	2.50	agricultural animals) (<i>Guide</i> , p 27-32)	X				
	•	Requests for exemptions from major survival surgical procedure restrictions are made to USDA/APHIS' (<i>Guide</i> , p 30) [must]					X
	DO COLUMN			112000		0.000	^
6.		CUC Training NEW	A*	М	S	С	NA
	•	All IACUC members should receive:					
		 Formal orientation to institution's program (Guide, p 17) Training on legislation, regulations, guidelines, and policies (Guide, p 17) 	X				
		Training on how to inspect facilities and labs where animal use or housing occurs	^				
		(Guide, p 17)	X				
-		o Training on how to review protocols as well as evaluate the program (Guide, p 17)	X				
-		o Ongoing training/education (<i>Guide</i> , <u>p 17</u>)	X				
7	TA	CLIC Pasards and Panarting Passiromants Vi	A *	N/I		_	NI A
/.		CUC Records and Reporting Requirements ^{vi} Semiannual report to the IO (PHS Policy, <u>IV.B.</u>)	A	М	S	С	NA
	-	Submitted to IO every 6 months	х				Ť i
		<u> </u>	X				
-							

and facility deficiencies) Includes minority IACUC views Describes IACUC-approved departures from the Guide or PHS Policy and the reasons for each departurevii Distinguishes significant from minor deficiencies Includes a plan and schedule for correction for each deficiency identifiedviii Reports to OLAW (PHS Policy, IV.F.) Annual report to OLAW documents program changes, dates of the semiannual program reviews and facility inspections and includes any minority views Promptly advises OLAW of serious/ongoing Guide deviations or PHS Policy noncompliance (NOT-OD-05-034)		
Describes IACUC-approved departures from the Guide or PHS Policy and the reasons for each departure vii		
reasons for each departure vii x Distinguishes significant from minor deficiencies x Includes a plan and schedule for correction for each deficiency identified viii x Reports to OLAW (PHS Policy, IV.F.) Annual report to OLAW documents program changes, dates of the semiannual program reviews and facility inspections and includes any minority views X Promptly advises OLAW of serious/ongoing Guide deviations or PHS Policy		
Distinguishes significant from minor deficiencies Includes a plan and schedule for correction for each deficiency identified x Reports to OLAW (PHS Policy, IV.F.) Annual report to OLAW documents program changes, dates of the semiannual program reviews and facility inspections and includes any minority views Promptly advises OLAW of serious/ongoing Guide deviations or PHS Policy		
Includes a plan and schedule for correction for each deficiency identified x Reports to OLAW (PHS Policy, <u>IV.F.</u>) Annual report to OLAW documents program changes, dates of the semiannual program reviews and facility inspections and includes any minority views Promptly advises OLAW of serious/ongoing <i>Guide</i> deviations or PHS Policy		
Reports to OLAW (PHS Policy, <u>IV.F.</u>) Annual report to OLAW documents program changes, dates of the semiannual program reviews and facility inspections and includes any minority views Promptly advises OLAW of serious/ongoing <i>Guide</i> deviations or PHS Policy		
 Annual report to OLAW documents program changes, dates of the semiannual program reviews and facility inspections and includes any minority views Promptly advises OLAW of serious/ongoing Guide deviations or PHS Policy 		-
program reviews and facility inspections and includes any minority views o Promptly advises OLAW of serious/ongoing <i>Guide</i> deviations or PHS Policy		-
Promptly advises OLAW of serious/ongoing <i>Guide</i> deviations or PHS Policy		
noncompliance (NOT-OD-05-034)		
 Institute must promptly advise OLAW of any suspension of an animal activity by 		
the IACUC (NOT-OD-05-034)		
Reports to U.S. Department of Agriculture (USDA) or Federal funding agency ^{ix}		
Annual report to USDA contains required information including all		
exceptions/exemptions X		
Reporting mechanism to USDA is in place for IACUC-approved exceptions to the		
regulations and standards X		
Reports are filed within 15 days for failures to adhere to timetable for correction of		
significant deficiencies X		
Promptly reports suspensions of activities by the IACUC to USDA and any Federal		
funding agency X		
Records (PHS Policy, <u>IV.E.</u>)		
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* X		
Records of IACUC reviews are maintained for 3 years after the completion of the		
study		
. Veterinary Care (See also next section - Veterinary Care) A* M S	C	NI.
An arrangement for veterinarian(s) with training or experience in lab animal medicine		IN/
		INA
is in place including backup veterinary care ^{xi}		INA
is in place including backup veterinary care ^{xi}		N/
is in place including backup veterinary care ^{xi} Veterinary access to all animals is provided (<i>Guide</i> , <u>p 14</u>) [must] X		IN/
is in place including backup veterinary carexi X • Veterinary access to all animals is provided (Guide, p 14) [must] X • Direct or delegated authority is given to the veterinarian to oversee all aspects of		IN/
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] X		IN/
is in place including backup veterinary carexi X • Veterinary access to all animals is provided (Guide, p 14) [must] X • Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] X • Veterinarian provides consultation when pain and distress exceeds anticipated level in	_	IN/
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] X		
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p		IN/
 is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] 		
 is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) 		N/
 is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) 		
 is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] 		
 is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) 		
is in place including backup veterinary care ^{xi} Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) X		N//
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) X Personnel Qualifications and Training		
is in place including backup veterinary care*i Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) X Personnel Qualifications and Training A* M S A* M S	c	N//
is in place including backup veterinary care*i Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) Personnel Qualifications and Training A* M S A* M S A* M S	c	N//
is in place including backup veterinary carexi • Veterinary access to all animals is provided (Guide, p 14) [must] • Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] • Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] • If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) • Regular communication occurs between veterinarian and IACUC (Guide, p 14) • Veterinarian(s) have experience and training in species used (Guide, p 15) [must] • Veterinarian(s) have experience in facility administration/management (Guide, p 15) X • Personnel Qualifications and Training • All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] • Veterinary/other professional staff (Guide, p 15-16)	c	N//
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) Personnel Qualifications and Training A* M S All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] Veterinary/other professional staff (Guide, p 15-16) IACUC members (Guide, p 17)	c	N//
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p_14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p_14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p_5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p_14) Regular communication occurs between veterinarian and IACUC (Guide, p_14) Veterinarian(s) have experience and training in species used (Guide, p_15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p_15) X Personnel Qualifications and Training A* M S All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] Veterinary/other professional staff (Guide, p_15-16) IACUC members (Guide, p_17) Animal care personnel (Guide, p_16)	c	N//
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) X Personnel Qualifications and Training A* M S All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] Veterinary/other professional staff (Guide, p 15-16) All CUC members (Guide, p 17) Animal care personnel (Guide, p 16) Research investigators, instructors, technicians, trainees, and students (Guide, pp	c	N//
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 14) Veterinarian(s) have experience in facility administration/management (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) [x] Personnel Qualifications and Training A* M S All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] Veterinary/other professional staff (Guide, p 15-16) IACUC members (Guide, p 17) Animal care personnel (Guide, p 16) Research investigators, instructors, technicians, trainees, and students (Guide, pp 16-17)	c	N//
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) X Personnel Qualifications and Training A* M S All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] Veterinary/other professional staff (Guide, p 15-16) IACUC members (Guide, p 17) Animal care personnel (Guide, p 16) Research investigators, instructors, technicians, trainees, and students (Guide, pp 16-17) Continuing education for program and research staff provided to ensure high quality		N//
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 15) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) [must] Personnel Qualifications and Training A* M S CA* M S CA* M S CA* M S CA* M S CONTINUING education for program and research staff provided to ensure high quality care and reinforce training (Guide, pp 16-17) CONTINUING education for program and research staff provided to ensure high quality care and reinforce training (Guide, pp 16-17)		N//
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) X Personnel Qualifications and Training A* M S All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] Veterinary/other professional staff (Guide, p 15-16) Veterinary/other professional staff (Guide, p 15-16) Animal care personnel (Guide, p 16) Research investigators, instructors, technicians, trainees, and students (Guide, pp 16-17) Continuing education for program and research staff provided to ensure high quality care and reinforce training (Guide, pp 16-17) Training is available prior to starting animal activity (Guide, p 17)	c	N//
is in place including backup veterinary carexi • Veterinary access to all animals is provided (Guide, p 14) [must] • Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] • Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p 14) • Regular communication occurs between veterinarian and IACUC (Guide, p 14) • Veterinarian(s) have experience and training in species used (Guide, p 15) [must] • Veterinarian(s) have experience in facility administration/management (Guide, p 15) [must] • Veterinarian(s) have experience in facility administration/management (Guide, p 15) [must] • A* M S • All personnel Qualifications and Training • A* M S • All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] • Veterinary/other professional staff (Guide, p 15-16) • A Incur Commenser (Guide, p 17) • A A in a Continuing education for program and research staff provided to ensure high quality care and reinforce training (Guide, pp 16-17) • Training is available prior to starting animal activity (Guide, p 17) • Training is documented (Guide, p 15)		N//
is in place including backup veterinary carexi • Veterinary access to all animals is provided (Guide, p_14) [must] • Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p_14) [must] • Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_15) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_14) [must] • Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p_15) [must] • Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p_15) [must] • Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p_15) [must] • Veterinarian provides consultation when pain and IACUC (Guide, p_15) [must] • Veterinarian provides consultation when pain and IACUC (Guide, p_15) [must] • Veterinarian provides consultation when pain and IACUC (Guide, p_17) [must] • Veterinarian provides consultation when pain and IACUC (Guide, p_17) [must] • Veterinarian provides consultation when pain and IACUC (Guide, p_17) [must] • Veterinarian provides consultation when pain and IACUC (Guide, p_17) [must] • Veterinarian provides consultation when pain and IACUC (Guide, p_17) [must] • Veterinarian provides consultation when pain and IACUC (Guide, p_17) [must] • Veterinarian provides consultation when pain and IACUC (Guide, p_17) [mus		N//
is in place including backup veterinary care ^{xi} • Veterinary access to all animals is provided (Guide, p_14) [must] • Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p_14) [must] • Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Regular communication occurs between veterinarian and IACUC (Guide, p_14) • Regular communication occurs between veterinarian and IACUC (Guide, p_14) • Veterinarian(s) have experience and training in species used (Guide, p_15) [must] • Veterinarian(s) have experience in facility administration/management (Guide, p_15) • All personnel Qualifications and Training • All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] • Veterinary/other professional staff (Guide, p_15-16) • Veterinary/other professional staff (Guide, p_15-16) • Animal care personnel (Guide, p_16) • Research investigators, instructors, technicians, trainees, and students (Guide, p_16-17) • Continuing education for program and research staff provided to ensure high quality care and reinforce training (Guide, pp 16-17) • Training is available prior to starting animal activity (Guide, p_17) • Training is documented (Guide, p_15) • Training program content includes: (Guide, p_17) • Methods for reporting concerns (Guide, p_17)		N//
is in place including backup veterinary carexi • Veterinary access to all animals is provided (Guide, p_14) [must] • Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p_14) [must] • Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_15) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_14) • Regular communication occurs between veterinarian and IACUC (Guide, p_14) • Veterinarian(s) have experience and training in species used (Guide, p_15) [must] • Veterinarian(s) have experience and training in species used (Guide, p_15) • All personnel Qualifications and Training • All personnel Qualifications and Training • All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] • Veterinary/other professional staff (Guide, p_15-16) • IACUC members (Guide, p_17) • All personnel (Guide, p_16) • Research investigators, instructors, technicians, trainees, and students (Guide, p_16-17) • Continuing education for program and research staff provided to ensure high quality care and reinforce training (Guide, p_16-17) • Training is available prior to starting animal activity (Guide, p_17) • Training is documented (Guide, p_15) • Training is documented (Guide, p_15)	c	N//

12.	Investigating & Reporting Animal Welfare Concerns	\mathbf{A}^*	М	S	C	NA
•	Methods for investigating and reporting animal welfare concerns are established					
	(Guide, p 23) [must]	X				
•	Reported concerns and corrective actions are documented (Guide, p 24)	X				
•	Mechanisms for reporting concerns are posted in facility and at applicable website with					
	instructions (Guide, p 24)	X				
	o Includes multiple contacts (Guide, p 24)	X				
	o Includes anonymity, whistle blower policy, nondiscrimination and reprisal					
	protection (Guide, p 24)	X				

^{*} A = acceptable

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

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

NA = not applicable

Veterinary Care

L.	Clinical Care and Management		М	S	С	NA
	 Veterinary program offers high quality of care and ethical standards (Guide, p 105 	•				
	[must]	X				
	Veterinarian provides guidance to all personnel to ensure appropriate husbandry, bandling treatment anotherin and outbanesia (Guida m 106)	V				
_	handling, treatment, anesthesia, analgesia, and euthanasia (Guide, p 106)	X		1		
_	Veterinarian provides oversight to surgery and perioperative care (Guide, p 106) Veterinary care program is appropriate for program requirements (Guide, p 113)	1000		1		
	Veterinary care program is appropriate for program requirements (Guide, pp 113- Veterinarian(a) is familiar with appearance and use of animals and has access to media.					1
	 Veterinarian(s) is familiar with species and use of animals and has access to media and experimental treatment records (Guide, p 114) 	1 200				
		X		-		-
	Procedures to triage and prioritize incident reports are in place (Guide, p 114) Procedures are in place to address.	X	5			10
_	Procedures are in place to address: Problems with experiments to determine course of treatment in consultation with a second consultation.	i+h	_			
	 Problems with experiments to determine course of treatment in consultation with experiments to determine course of treatment in consultation with experiments. 	X				
_	investigator(Guide, p 114)	-				-
	o Recurrent or significant health problems with the IACUC and documentation of	V				
_	treatments and outcomes (Guide, p 114)	1 E \ V	-			+
	o Veterinary review and oversight of medical and animal use records (<i>Guide</i> , p. 1					+
	Procedures established for timely reporting of animal injury, illness, or disease (Gunnal 114) [mountain]					
	p 114) [must]	X				1
	Procedures established for veterinary assessment, treatment, or euthanasia (Guidental) 114) [must]	Control of the Contro				
	114) [must]	X	1			
	 Veterinarian is authorized to treat, relieve pain, and/or euthanize (Guide, p 114) 	V				
_	[must]	X	2			-
	Animal Procurement and Transportation/Preventive Medicine	\mathbf{A}^*	M	S	C	N
	Procedures for lawful animal procurement are in place (Guide, p 106) [must]	X				
	Sufficient facilities and expertise are confirmed prior to procurement (Guide, p 106)					
	Procurement is linked to IACUC review and approval (Guide, p 106)	X				
	Random source dogs and cats are inspected for identification (Guide, p 106)					X
	Population status of wildlife species is considered prior to procurement (Guide, p 1)	06) X				
	Appropriate records are maintained on animal acquisition (Guide, p 106)	X				1
	Animal vendors are evaluated to meet program needs and quality (Guide, p 106)	X				
	Breeding colonies are based on need and managed to minimize numbers (<i>Guide</i> , p. 1).					
	107)	X				
	Procedures for compliance with animal transportation regulations, including					
	international requirements, are in place (Guide, p 107) [must]	X				
	Transportation is planned to ensure safety, security and minimize risk (Guide, p 10).					
	Movement of animals is planned to minimize transit time and deliveries are planned.					
	ensure receiving personnel are available (<i>Guide</i> , pp 107- 108)	X				
	Appropriate loading and unloading facilities are available (Guide, p 109)	X	-			-
	Environment at receiving site is appropriate (Guide, p 109)	X				
	 Policies in place on separation by species, source, and health status (Guide, pp 10 	1000	i.			
	111-112)	_, X				
	Procedures in place for quarantine to include zoonoses prevention (Guide, p 110)	X				
	 Quarantined animals from different shipments are handled separately or physically 					+
	separated (Guide, p 110)	X				
	Procedures in place for stabilization/acclimation (<i>Guide</i> , pp 110-111)	X				
	Policies in place for isolation of sick animals (<i>Guide</i> , p 112)	X				+
	Program is in place for surveillance, diagnosis, treatment and control of disease to					+
	include daily observation (<i>Guide</i> , p 112)	X				
	Diagnostic resources are available for preventive health program (Guide, p 112)	x				
	blaghostic resources are available for preventive health program (bulde, p 112)		*******			1000000
	Surgery	A*	M	S	С	N/
	 Surgical outcomes are assessed and corrective changes instituted (Guide, p 115) 	X				
	 Researchers have appropriate training to ensure good technique (Guide, p 115) 	X				
	[must]					1

							_
	•	Pre-surgical plans are developed and include veterinary input (e.g., location, supplies,	v				
_		anesthetic and analgesic use, peri-operative care, recordkeeping) (<i>Guide</i> , <u>p 116</u>) Aseptic surgery is conducted in dedicated facilities or spaces, unless exception justified	X				
	•		x				
	•	Surgical procedures including laparoscopic procedures are categorized as major or	_				
			Х				
	•	For nonsurvival surgery, the site is clipped, gloves are worn and instruments and area					
		are clean (Guide, p 118)	X				
	•		X				
	•	Effective procedures for sterilizing instruments and monitoring expiration dates on sterile packs are in place (<i>Guide</i> , p 119)		X			
	•	Procedures for monitoring surgical anesthesia and analgesia are in place (<i>Guide</i> , <u>p</u> 119)	X				
	•	For aquatic species, skin surfaces are kept moist during surgical procedures (<i>Guide</i> , <u>p</u> 119)	X				
	•	Post-operative monitoring and care are provided by trained personnel and documented	_				
		(e.g., thermoregulation, physiologic function, analgesia, infection, removal of skin					
		closures) (Guide, pp 119-120)	Χ				
4.	Pa	in, Distress, Anesthesia and Analgesia	A *	М	s	С	NA
	•	Guidelines for assessment and categorization of pain, distress and animal wellbeing					
			X				
	•	Selection of analgesics and anesthetics is based on professional veterinary judgment					
		(Guide, p 121)	Χ				
	•	Painful procedures are monitored to ensure appropriate analgesic management	0.000				
		(Guide, p 122)	X				
	•	Nonpharmacologic control of pain is considered as an element of postprocedural care (Guide, p 122)	X				
-	•	Procedures are in place to assure antinoception before surgery begins (<i>Guide</i> , <u>p 122</u>)	^		-		
			X				
	•	Guidelines for selection and use of analgesics and anesthetics are in place and					
		regularly reviewed and updated (Guide, p 122)	Χ				
	•	Special precautions for the use of paralytics are in place to ensure anesthesiaxiv					
		(Guide, p 122)	X				
5.	Eu	thanasia	\mathbf{A}^*	М	S	C	NA
	•	Methods are consistent with AVMA Guidelines on Euthanasia unless approved by the				1100000	
			X				
	•	Standardized methods are developed and approved by the veterinarian and IACUC	0.000				
			X				
	•	Training is provided on appropriate methods for each species and considers psychological stress to personnel (<i>Guide</i> , p 124)	Х				
		Procedures and training are in place to ensure death is confirmed (<i>Guide</i> , <u>p 124</u>)	^				-
		[2]	X				
6.	Dr	ug Storage and Control №	A *	М	s	С	NA
Ŭ.	•	Program complies with federal regulations for human and veterinary drugs(Guide, p					
_	1000		X	-			
	•	<u>115</u>)	x				
	•	Procedures are in place to ensure all drugs are used within expiration date (<i>Guide</i> , <u>p</u> 122) [must]		X			
	•	Anesthetics and analgesics are acquired, stored, and their use and disposal are recorded legally and safely (<i>Guide</i> , <u>p 122</u>)	X				
_							

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

NA = not applicable

and facility deficiencies) Includes minority IACUC views Describes IACUC-approved departures from the Guide or PHS Policy and the reasons for each departurevii Distinguishes significant from minor deficiencies Includes a plan and schedule for correction for each deficiency identifiedviii Reports to OLAW (PHS Policy, IV.F.) Annual report to OLAW documents program changes, dates of the semiannual program reviews and facility inspections and includes any minority views Promptly advises OLAW of serious/ongoing Guide deviations or PHS Policy noncompliance (NOT-OD-05-034)		
Describes IACUC-approved departures from the Guide or PHS Policy and the reasons for each departure vii		
reasons for each departure vii x Distinguishes significant from minor deficiencies x Includes a plan and schedule for correction for each deficiency identified viii x Reports to OLAW (PHS Policy, IV.F.) Annual report to OLAW documents program changes, dates of the semiannual program reviews and facility inspections and includes any minority views X Promptly advises OLAW of serious/ongoing Guide deviations or PHS Policy		
Distinguishes significant from minor deficiencies Includes a plan and schedule for correction for each deficiency identified x Reports to OLAW (PHS Policy, IV.F.) Annual report to OLAW documents program changes, dates of the semiannual program reviews and facility inspections and includes any minority views Promptly advises OLAW of serious/ongoing Guide deviations or PHS Policy		
Includes a plan and schedule for correction for each deficiency identified x Reports to OLAW (PHS Policy, <u>IV.F.</u>) Annual report to OLAW documents program changes, dates of the semiannual program reviews and facility inspections and includes any minority views Promptly advises OLAW of serious/ongoing <i>Guide</i> deviations or PHS Policy		
Reports to OLAW (PHS Policy, <u>IV.F.</u>) Annual report to OLAW documents program changes, dates of the semiannual program reviews and facility inspections and includes any minority views Promptly advises OLAW of serious/ongoing <i>Guide</i> deviations or PHS Policy		
 Annual report to OLAW documents program changes, dates of the semiannual program reviews and facility inspections and includes any minority views Promptly advises OLAW of serious/ongoing Guide deviations or PHS Policy 		-
program reviews and facility inspections and includes any minority views o Promptly advises OLAW of serious/ongoing <i>Guide</i> deviations or PHS Policy		-
Promptly advises OLAW of serious/ongoing <i>Guide</i> deviations or PHS Policy		
noncompliance (NOT-OD-05-034)		
 Institute must promptly advise OLAW of any suspension of an animal activity by 		
the IACUC (NOT-OD-05-034)		
Reports to U.S. Department of Agriculture (USDA) or Federal funding agency ^{ix}		
Annual report to USDA contains required information including all		
exceptions/exemptions X		
Reporting mechanism to USDA is in place for IACUC-approved exceptions to the		
regulations and standards X		
Reports are filed within 15 days for failures to adhere to timetable for correction of		
significant deficiencies X		
Promptly reports suspensions of activities by the IACUC to USDA and any Federal		
funding agency X		
Records (PHS Policy, <u>IV.E.</u>)		
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* X		
Records of IACUC reviews are maintained for 3 years after the completion of the		
study		
. Veterinary Care (See also next section - Veterinary Care) A* M S	C	NI.
An arrangement for veterinarian(s) with training or experience in lab animal medicine		IN/
		INA
is in place including backup veterinary care ^{xi}		INA
is in place including backup veterinary care ^{xi}		N/
is in place including backup veterinary care ^{xi} Veterinary access to all animals is provided (<i>Guide</i> , <u>p 14</u>) [must] X		IN/
is in place including backup veterinary carexi X • Veterinary access to all animals is provided (Guide, p 14) [must] X • Direct or delegated authority is given to the veterinarian to oversee all aspects of		IN/
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] X		IN/
is in place including backup veterinary carexi X • Veterinary access to all animals is provided (Guide, p 14) [must] X • Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] X • Veterinarian provides consultation when pain and distress exceeds anticipated level in	_	IN/
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] X		
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p		IN/
 is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] 		
 is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) 		N/
 is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) 		
 is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] 		
 is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) 		
is in place including backup veterinary care ^{xi} Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) X		N//
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) X Personnel Qualifications and Training		
is in place including backup veterinary care*i Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) X Personnel Qualifications and Training A* M S A* M S	c	N//
is in place including backup veterinary care*i Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) Personnel Qualifications and Training A* M S A* M S A* M S	c	N//
is in place including backup veterinary carexi • Veterinary access to all animals is provided (Guide, p 14) [must] • Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] • Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] • If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) • Regular communication occurs between veterinarian and IACUC (Guide, p 14) • Veterinarian(s) have experience and training in species used (Guide, p 15) [must] • Veterinarian(s) have experience in facility administration/management (Guide, p 15) X • Personnel Qualifications and Training • All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] • Veterinary/other professional staff (Guide, p 15-16)	c	N//
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) Personnel Qualifications and Training A* M S All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] Veterinary/other professional staff (Guide, p 15-16) IACUC members (Guide, p 17)	c	N//
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p_14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p_14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p_5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p_14) Regular communication occurs between veterinarian and IACUC (Guide, p_14) Veterinarian(s) have experience and training in species used (Guide, p_15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p_15) X Personnel Qualifications and Training A* M S All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] Veterinary/other professional staff (Guide, p_15-16) IACUC members (Guide, p_17) Animal care personnel (Guide, p_16)	c	N//
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) X Personnel Qualifications and Training A* M S All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] Veterinary/other professional staff (Guide, p 15-16) All CUC members (Guide, p 17) Animal care personnel (Guide, p 16) Research investigators, instructors, technicians, trainees, and students (Guide, pp	c	N//
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 14) Veterinarian(s) have experience in facility administration/management (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) [x] Personnel Qualifications and Training A* M S All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] Veterinary/other professional staff (Guide, p 15-16) IACUC members (Guide, p 17) Animal care personnel (Guide, p 16) Research investigators, instructors, technicians, trainees, and students (Guide, pp 16-17)	c	N//
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) X Personnel Qualifications and Training A* M S All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] Veterinary/other professional staff (Guide, p 15-16) IACUC members (Guide, p 17) Animal care personnel (Guide, p 16) Research investigators, instructors, technicians, trainees, and students (Guide, pp 16-17) Continuing education for program and research staff provided to ensure high quality		N//
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 15) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 14) Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) [must] Personnel Qualifications and Training A* M S CA* M S CA* M S CA* M S CA* M S CONTINUING education for program and research staff provided to ensure high quality care and reinforce training (Guide, pp 16-17) CONTINUING education for program and research staff provided to ensure high quality care and reinforce training (Guide, pp 16-17)		N//
is in place including backup veterinary carexi Veterinary access to all animals is provided (Guide, p 14) [must] Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] Regular communication occurs between veterinarian and IACUC (Guide, p 14) Veterinarian(s) have experience and training in species used (Guide, p 15) [must] Veterinarian(s) have experience in facility administration/management (Guide, p 15) X Personnel Qualifications and Training A* M S All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] Veterinary/other professional staff (Guide, p 15-16) Veterinary/other professional staff (Guide, p 15-16) Animal care personnel (Guide, p 16) Research investigators, instructors, technicians, trainees, and students (Guide, pp 16-17) Continuing education for program and research staff provided to ensure high quality care and reinforce training (Guide, pp 16-17) Training is available prior to starting animal activity (Guide, p 17)	c	N//
is in place including backup veterinary carexi • Veterinary access to all animals is provided (Guide, p 14) [must] • Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p 14) [must] • Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p 5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p 5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p 14) • Regular communication occurs between veterinarian and IACUC (Guide, p 14) • Veterinarian(s) have experience and training in species used (Guide, p 15) [must] • Veterinarian(s) have experience in facility administration/management (Guide, p 15) [must] • Veterinarian(s) have experience in facility administration/management (Guide, p 15) [must] • A* M S • All personnel Qualifications and Training • A* M S • All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] • Veterinary/other professional staff (Guide, p 15-16) • A Incur Commenser (Guide, p 17) • A A in a Continuing education for program and research staff provided to ensure high quality care and reinforce training (Guide, pp 16-17) • Training is available prior to starting animal activity (Guide, p 17) • Training is documented (Guide, p 15)		N//
is in place including backup veterinary carexi • Veterinary access to all animals is provided (Guide, p_14) [must] • Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p_14) [must] • Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_15) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_14) [must] • Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p_15) [must] • Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p_15) [must] • Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p_15) [must] • Veterinarian provides consultation when pain and IACUC (Guide, p_15) [must] • Veterinarian provides consultation when pain and IACUC (Guide, p_15) [must] • Veterinarian provides consultation when pain and IACUC (Guide, p_17) [must] • Veterinarian provides consultation when pain and IACUC (Guide, p_17) [must] • Veterinarian provides consultation when pain and IACUC (Guide, p_17) [must] • Veterinarian provides consultation when pain and IACUC (Guide, p_17) [must] • Veterinarian provides consultation when pain and IACUC (Guide, p_17) [must] • Veterinarian provides consultation when pain and IACUC (Guide, p_17) [must] • Veterinarian provides consultation when pain and IACUC (Guide, p_17) [mus		N//
is in place including backup veterinary care ^{xi} • Veterinary access to all animals is provided (Guide, p_14) [must] • Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p_14) [must] • Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Regular communication occurs between veterinarian and IACUC (Guide, p_14) • Regular communication occurs between veterinarian and IACUC (Guide, p_14) • Veterinarian(s) have experience and training in species used (Guide, p_15) [must] • Veterinarian(s) have experience in facility administration/management (Guide, p_15) • All personnel Qualifications and Training • All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] • Veterinary/other professional staff (Guide, p_15-16) • Veterinary/other professional staff (Guide, p_15-16) • Animal care personnel (Guide, p_16) • Research investigators, instructors, technicians, trainees, and students (Guide, p_16-17) • Continuing education for program and research staff provided to ensure high quality care and reinforce training (Guide, pp 16-17) • Training is available prior to starting animal activity (Guide, p_17) • Training is documented (Guide, p_15) • Training program content includes: (Guide, p_17) • Methods for reporting concerns (Guide, p_17)		N//
is in place including backup veterinary carexi • Veterinary access to all animals is provided (Guide, p_14) [must] • Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (Guide, p_14) [must] • Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_5) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_15) [must] • Veterinarian provides consultation when interventional control is not possible (Guide, p_14) • Regular communication occurs between veterinarian and IACUC (Guide, p_14) • Veterinarian(s) have experience and training in species used (Guide, p_15) [must] • Veterinarian(s) have experience and training in species used (Guide, p_15) • All personnel Qualifications and Training • All personnel Qualifications and Training • All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must] • Veterinary/other professional staff (Guide, p_15-16) • IACUC members (Guide, p_17) • All personnel (Guide, p_16) • Research investigators, instructors, technicians, trainees, and students (Guide, p_16-17) • Continuing education for program and research staff provided to ensure high quality care and reinforce training (Guide, p_16-17) • Training is available prior to starting animal activity (Guide, p_17) • Training is documented (Guide, p_15) • Training is documented (Guide, p_15)	c	N//

0.0						
	pre- and post-operative care, aseptic surgical techniques and euthanasia ($Guide$, p 17) xiii					
	 Research/testing methods that minimize numbers necessary to obtain valid results (PHS Policy, IV.A.1.q.) 	x				
	 Research/testing methods that minimize animal pain or distress (PHS Policy, IV.A.1.q.) 	Y				
	 Use of hazardous agents, including access to OSHA chemical hazard notices where applicable (Guide, p 20) 	Y				
	Animal care and use legislation (<i>Guide</i> , <u>p 17</u>)	X				
	o IACUC function (Guide, p 17)	X				
	Ethics of animal use and Three R's (Guide, p 17)	X				
			12/2	P227		
10.	Occupational Health and Safety of Personnel	A*	M	S	С	NA
•	Program is in place and is consistent with federal, state, and local regulations (<i>Guide</i> ,	_				
102	p 17) [must] Program covers all personnel who work in laboratory animal facilities (Guide, p 18)	X		7 12		-
•						
	Hazardous facilities are separated from other areas and identified as limited access	^		(
	(Guide, p 19)	x				
	Personnel training is provided based on risk (e.g., zoonoses, hazards, personal	^				
	hygiene, special precautions, animal allergies) (<i>Guide</i> , p 20)	X				
•	Personal hygiene procedures are in place (e.g., work clothing, eating/drinking/smoking					
	policies) (Guide, p 20)	X				
•	Procedures for use, storage, and disposal of hazardous biologic, chemical, and physical					
	agents are in place (Guide, p 21)	Χ				
•	Personal Protective Equipment for the work area is appropriate and available (Guide, p					
	21)	X				
•	Program for medical evaluation and preventive medicine for personnel includes:	h.				F
	Pre-exposure evaluation including health history (<i>Guide</i> , <u>p 22</u>)	Χ		0 0		15.
	 Immunizations as appropriate (e.g., rabies, tetanus) and tests as appropriate (Guide, p 22) 	_				
	 Zoonosis surveillance as appropriate (e.g., Q-fever, tularemia, Hantavirus, plague) 	^		-		
	(Guide, p 23)	x				
	 Procedures for reporting and treating injuries, including accidents, bites, allergies, 	^				
	etc. (Guide, p 23)	X				
	o Promotes early diagnosis of allergies including preexisting conditions (<i>Guide</i> , p 22)	Χ				
	o Considers confidentiality and other legal factors as required by federal, state and					
	local regulations (<i>Guide</i> , <u>p 22</u>) [must]	Χ				
	 If serum samples are collected, the purpose is consistent with federal and state 					
_	laws (Guide, p 22) [must]	X				
•	Waste anesthetic gases are scavenged (Guide, p 21)	X				
•	Hearing protection is provided in high noise areas (Guide, p 22)	Χ				
•	Respiratory protection is available when performing airborne particulate work (<i>Guide</i> ,	V				
	p 22) Special precautions for personnel who work with nonhuman primates, their tissues or	Χ				
	body fluids include:					
-	Tuberculosis screening provided for all exposed personnel (<i>Guide</i> , <u>p 23</u>)					X
	Training and implementation of procedures for bites, scratches, or injuries					^
	associated with macaques (Guide, p 23)					X
	PPE is provided including gloves, arm protection, face masks, face shields, or					
	goggles (<i>Guide</i> , <u>p 21</u>)					Χ
	o Injuries associated with macaques are carefully evaluated and treatment					
	implemented (Guide, p 23)					X
	Occupational safety and health of field studies is reviewed by OSH committee or office	100.0				
	(Guide, p 32)	X				
11.	Personnel Security NEW	A *	М	s	С	NA
•	Preventive measures in place include pre-employment screening, and physical and IT					
		X				
		$\overline{}$				

12.	Investigating & Reporting Animal Welfare Concerns	\mathbf{A}^*	М	S	C	NA
•	Methods for investigating and reporting animal welfare concerns are established					
	(Guide, p 23) [must]	X				
•	Reported concerns and corrective actions are documented (Guide, p 24)	X				
•	Mechanisms for reporting concerns are posted in facility and at applicable website with					
	instructions (Guide, p 24)	X				
	o Includes multiple contacts (Guide, p 24)	X				
	o Includes anonymity, whistle blower policy, nondiscrimination and reprisal					
	protection (Guide, p 24)	X				

^{*} A = acceptable

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

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

NA = not applicable

Veterinary Care

	Clinical Care and Management NEW	Α*	М	S	С	NA
	 Veterinary program offers high quality of care and ethical standards (Guide, p 105) 					
	[must]	X				-
	Veterinarian provides guidance to all personnel to ensure appropriate husbandry, bandling treatment anotherin analysis and outbanding (Guida n. 106)					
	handling, treatment, anesthesia, analgesia, and euthanasia (Guide, p 106)	X X	0			-
	Veterinarian provides oversight to surgery and perioperative care (Guide, p 106) Veterinary care program is appropriate for program requirements (Guide, p 113, 114)	100	0			+
_	Veterinary care program is appropriate for program requirements (Guide, pp 113-114) Veterinaria (a) is familiar with species and use of animals and has access to madical.	X				-
	 Veterinarian(s) is familiar with species and use of animals and has access to medical and experimental treatment records (Guide, p 114) 	V				
		X	-			-
_	Procedures to triage and prioritize incident reports are in place (Guide, p 114) Procedures are in place to address:	X				1
_	Procedures are in place to address: Problems with experiments to determine source of treatment in consultation with	_				_
	o Problems with experiments to determine course of treatment in consultation with investigator (Cycle p. 114)	X				
	investigator(Guide, p 114)	^				+
	o Recurrent or significant health problems with the IACUC and documentation of					
_	treatments and outcomes (Guide, p 114)	X				+
	o Veterinary review and oversight of medical and animal use records (<i>Guide</i> , p 115)					+
	 Procedures established for timely reporting of animal injury, illness, or disease (Guide, 					
	p 114) [must]	X				+
	• Procedures established for veterinary assessment, treatment, or euthanasia (<i>Guide</i> , <u>p</u>	V				
_	114) [must]	X				-
	Veterinarian is authorized to treat, relieve pain, and/or euthanize (Guide, p 114)					
	[must]	X				1
	Animal Procurement and Transportation/Preventive Medicine	\mathbf{A}^*	М	S	C	N/
	Procedures for lawful animal procurement are in place (Guide, p 106) [must]	X				
	Sufficient facilities and expertise are confirmed prior to procurement (<i>Guide</i> , p 106)	X				
	Procurement is linked to IACUC review and approval (<i>Guide</i> , p 106)	X				
	Random source dogs and cats are inspected for identification (<i>Guide</i> , <u>p 106</u>)					X
	 Population status of wildlife species is considered prior to procurement (Guide, p 106) 	X				-
	Appropriate records are maintained on animal acquisition (Guide, p 106)	X				\vdash
	 Animal vendors are evaluated to meet program needs and quality (Guide, p 106) 	X				+
	Breeding colonies are based on need and managed to minimize numbers (<i>Guide</i> , <u>p</u>			-		+
	107)	X				
	Procedures for compliance with animal transportation regulations, including	_				+
	international requirements, are in place (Guide, p 107) [must]	X				
	 Transportation is planned to ensure safety, security and minimize risk (Guide, p 107) 	X				+-
_	 Movement of animals is planned to minimize transit time and deliveries are planned to 					+
	ensure receiving personnel are available (<i>Guide</i> , pp 107- 108)	X				
	A		-			-
_	 Appropriate loading and unloading facilities are available (Guide, p 109) Environment at receiving site is appropriate (Guide, p 109) 	X				+
		^				+
	 Policies in place on separation by species, source, and health status (Guide, pp 109, 111-112) 	V				
		X				-
		^				+-
		Y				
_	separated (Guide, p 110) Procedures in place for stabilization (acclimation (Guide, pp. 110-111)	X				+
	 Procedures in place for stabilization/acclimation (Guide, pp 110-111) Policies in place for isolation of sick animals (Guide, p 112) 	X				+-
		^				+-
	Program is in place for surveillance, diagnosis, treatment and control of disease to include daily observation (Cuido, p. 112)	_				
	include daily observation (<i>Guide</i> , p 112)	X				+-
	Diagnostic resources are available for preventive health program (Guide, p 112)	V				
	Surgery	\mathbf{A}^*	M	S	C	N/
_	Surgical outcomes are assessed and corrective changes instituted (Guide, p 115)	X				
	The state of the s	-				
_	• Researchers have appropriate training to ensure good technique (Guide, p 115)					

							_
	•	Pre-surgical plans are developed and include veterinary input (e.g., location, supplies,	v				
_		anesthetic and analgesic use, peri-operative care, recordkeeping) (<i>Guide</i> , <u>p 116</u>) Aseptic surgery is conducted in dedicated facilities or spaces, unless exception justified	X				
	•		x				
	•	Surgical procedures including laparoscopic procedures are categorized as major or	_				
			X				
	•	For nonsurvival surgery, the site is clipped, gloves are worn and instruments and area					
		are clean (Guide, p 118)	X				
	•		X				
	•	Effective procedures for sterilizing instruments and monitoring expiration dates on sterile packs are in place (<i>Guide</i> , p 119)		X			
	•	Procedures for monitoring surgical anesthesia and analgesia are in place (<i>Guide</i> , <u>p</u> 119)	X				
	•	For aquatic species, skin surfaces are kept moist during surgical procedures (<i>Guide</i> , <u>p</u> 119)	X				
	•	Post-operative monitoring and care are provided by trained personnel and documented	_				
		(e.g., thermoregulation, physiologic function, analgesia, infection, removal of skin					
		closures) (Guide, pp 119-120)	Χ				
4.	Pa	in, Distress, Anesthesia and Analgesia	A *	М	s	С	NA
	•	Guidelines for assessment and categorization of pain, distress and animal wellbeing					
			X				
	•	Selection of analgesics and anesthetics is based on professional veterinary judgment					
			X				
	•	Painful procedures are monitored to ensure appropriate analgesic management	CVICTOR IN				
		(Guide, p 122)	X				
	•	Nonpharmacologic control of pain is considered as an element of postprocedural care (Guide, p 122)	Х				
_	•	Procedures are in place to assure antinoception before surgery begins (<i>Guide</i> , <u>p 122</u>)	^				
			X				
	•	Guidelines for selection and use of analgesics and anesthetics are in place and					
			X				
	•	Special precautions for the use of paralytics are in place to ensure anesthesiaxiv					
		(Guide, p 122)	X				S 8
5.	Eu	thanasia	\mathbf{A}^*	M	S	C	NA
	•	Methods are consistent with AVMA Guidelines on Euthanasia unless approved by the					
			X				
	•	Standardized methods are developed and approved by the veterinarian and IACUC	arger .				
			X				
	•	Training is provided on appropriate methods for each species and considers psychological stress to personnel (Guide, p 124)	X				
	0.	Procedures and training are in place to ensure death is confirmed (<i>Guide</i> , <u>p 124</u>)	^				
		[사용하다] [사용하다] [사용하다] [사용하다] [사용하다] [사용하다 [사용하다] [사	X				
6	Dr	ug Storage and Control NEW	A *	М	s	С	NA
٥.	•	Program complies with federal regulations for human and veterinary drugs(<i>Guide</i> , <u>p</u>	^	141		1.01	IVA
	1000	115) [must]	X				
	•		X				
	•	Procedures are in place to ensure all drugs are used within expiration date (Guide, p 122) [must]		X			
	•	Anesthetics and analgesics are acquired, stored, and their use and disposal are recorded legally and safely (<i>Guide</i> , p 122)	X				
_							

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

NA = not applicable