



Title: Livestock Housed at Meat Laboratory

SOP Number: 013

Purpose: To provide the highest quality of care to various livestock animals held for show, teaching, research studies or slaughter at the Texas Tech University Meat Laboratory. Animals intended for slaughter in the TTU Abattoir must adhere to USDA standards for the slaughter of animals. This SOP does not apply to non-TTU animals, such as animals held for outside livestock shows, judging camps or other events hosted on site.

ANIMAL HEALTH MONITORING

- A. Animals on approved IACUC protocols can be housed at the Meat Lab facility for periods of time to facilitate teaching, research, and demonstration objectives. For this purpose, permanent livestock pens are available, or animals may be kept in temporary pens in the main body of the arena.
- B. Horses, cattle, sheep, goats, and pigs may be housed at this facility. Animals may originate from the TTU animal units, purchased from vendors or lent from livestock producers.
- C. Cattle, sheep, and goats can be housed at the Meat Lab for up to 21 days but are generally housed for 1 to 5 days. Pigs can be housed for a maximum of 10 consecutive days.
- D. During the time at the facility, all animals will have ad libitum access to water, unless approved in an IACUC protocol. Animals housed at the facility for more than 18 hours will be fed daily, or as stated in an approved protocol. The ration will be similar to the rations provided at the New Deal Farm and will meet or exceed nutrient requirements for that species.
- E. Pens will be cleaned at least once per day while animals are in the facility. Cleaning involves picking up soiled bedding or hosing the solid concrete-floored pens. All bedding will be promptly removed, pens, feeders and waterers will be cleaned and/or disinfected with an appropriate product according to manufacturer guidelines prior to new animals arriving.
- F. The pen floor space area and water availability are to be provided for each species and will meet or exceed the space requirements in the Ag Guide (2020).
- G. Animals will be observed at least once per day. The daily observation sheet will be initialed by the animal caretakers for each species being housed. Animal health or treatment records will be kept at the facility.
- H. All animal activities must be approved on an IACUC protocol.
- I. The TTU mascot may be housed permanently at this facility, as per SOP012 Mascot Health Care.

HEALTH CARE

Everyone is responsible for animal health and welfare, and therefore if an animal becomes ill or a change in behavior is noted then inform the PI or veterinarian. Seriously ill animals should be reported **IMMEDIATELY** to the veterinarian.

Contact the Animal Care Services staff or PI/Facility Manager at:

Dr. Tiffanie Brooks, Attending Veterinarian, Animal Care Services.
806-834-8588 Office
806-239-2120 Cell Phone

Dr. Paul Stonum, Clinical Veterinarian, Animal Care Services
806-834-7373 Office
660-562-4425 Cell Phone

Tate Corliss, Meat Lab Manager
806-834-1610 Office

Ryan Rathmann, Faculty, Animal & Food Sciences
806-834-7820 Office
806-789-6725 Cell Phone

References

Guide for the Care and Use of Agricultural Animals in Research and Teaching. 2020.
Federation of Animal Science Societies, Fourth Edition.