

Standard Operating Procedure

SOP Number: **02-18-4630**

Service: **Research**

Operating Section: **Husbandry**

Unit: **CMF**

Title: **General Husbandry for Conventionally Housed Swine**

Purpose:

To describe the minimum acceptable husbandry standards for conventionally housed swine.

Procedure:

- 1) Enclosures
 - a) cage type: stainless steel runs with plastisol coated floors
 - b) cage size: minimum of 24 ft²
 - c) cage occupancy: maximum of 1 pig per pen
 - d) special caging: none
 - e) special equipment: none

- 2) Environment
 - a) Lighting is provided by overhead fluorescent fixtures on a 12/12 hr cycle.
 - b) Temperature will be maintained between 61-81°F (16-27°C). Relative humidity will be maintained between 30-70%.
 - c) Supplied air will be 100% fresh exchanged at a rate of 10-15 room changes per hour and exhausted to the exterior of the building.

- 3) Husbandry Services
 - a) feeding: Two measured amounts twice daily; 1 serving of fruit/veggies daily; food bowls are emptied and cleaned daily.
 - b) watering: Water bowls are changed daily or more often as needed. When in use, automatic watering pressure is monitored daily by checking the pressure gauge in the pressure reduction station and rack connections. Drinking valves are checked daily. Room watering system is flushed twice daily.
 - c) pen cleaning: Pens are hosed down daily; floors are sanitized daily.
 - d) room cleaning: Rooms are emptied and sanitized every two weeks, or as emptied, by high pressure wash with an appropriate disinfectant. (see SOP "Preparation and Use of Disinfectants" and "Animal Room Sanitation") or more often as needed.

- 4) Cleaning Patterns
 - a) Floors of rooms are hosed daily.
 - b) Sinks will be sanitized with an appropriate agent at least twice weekly.
 - c) Doors, door frames, and all other surfaces are sanitized weekly.
 - d) Accidental spills and soiled wall surfaces are cleaned as discovered or reported.
 - e) Unauthorized equipment left in animal or procedure rooms is removed daily unless otherwise approved by the Operations Manager, CMF.
 - f) Brooms, dustpans and garbage cans are sanitized weekly.

- 5) Maintenance/Repair
 - a) Trash containers are checked daily and emptied as needed.

- b) Room exhaust air filters are changed or cleaned every two weeks or more frequently if needed.
 - c) Light fixtures and tubes are checked daily. Any failures are reported to the Operations Manager, CMF, or a designee, who will then generate work orders for repair by Facilities.
- 6) All animals are checked daily by the CMF staff. Any abnormalities are reported immediately to the veterinarian, via an animal observation form.
- 7) All husbandry practices are documented on husbandry logs specific for the species and housing conditions. This log is maintained by the CMF staff responsible for the specified room. The log is kept adjacent to the room and submitted to the Operations Manager, CMF, upon completion of the month.

Comments:
None.

APPROVALS

Responsible Official Signature		Date	
<i>[Handwritten Signature]</i>		6/6/19	
QA Signature	<i>[Handwritten Signature]</i>	Date	
		06/14/2019	
Version #3	Effective Date	Supersedes #2	Original Date 11/24/03