

**SUMMARY OF APPROVED EXEMPTIONS FOR USDA COVERED SPECIES**  
**Annual Report of Animal Use for 2020-2021**

- **Protocol 2012-0101** – 200 Cows – For a subset of heifers (those 5-8 months) water access will be restricted for about 10 hours per day while housed in a particular barn on the farm. Younger age groups are housed in separate buildings at the farm. This allows all-in-all-out management and helps maintain health. In one of the barns, running water cannot be maintained in the smaller of these buildings due to waterline freezing risk, and waterline breakage risks putting bedding and the calf environment at risk. Water is still supplied daily and heifers will have access to water for the majority of each day, every day when they are turned out for pasture or yard access. Overnight (coolest time of day) these heifers will not have access to water.
- **Protocol 2013-0088** – 2 Rabbits – ACUP 509 states that experimental procedures conducted less than 72 hours after arrival must receive IACUC and veterinary approval. These animals will be euthanized upon arrival from commercial vendor or other source on protocol.
- **Protocol 2014-0001** – 30 Voles – Voles will be housed in semi-natural outdoor enclosures for approximately 3-5 weeks. These conditions simulate natural conditions, and food and water is available ad lib as in the wild. Visual daily monitoring is not possible; however, animals are radio-tracked multiple times a day in field enclosures and movement will be used to assess the animals' health.
- **Protocol 2018-0089** – 8 Chinchillas – Chinchillas will not be provided with sand baths for 1 week after surgery to prevent surgical site from becoming infected.
- **Protocol 2020-0064** – 74 Ferrets - Ferrets and mink will be co-housed in the same ABSL-3 room in individual Horsfal cages. This is due to a lack of housing in ABSL-3 facility for all species to be housed individually.
- **Protocol 2020-0064** – 14 Mink – Mink and ferrets will be co-housed in the same ABSL-3 room in individual Horsfal cages. This is due to a lack of housing in ABSL-3 facility for all species to be housed individually.