

SUMMARY OF APPROVED EXEMPTIONS FOR USDA COVERED SPECIES
Annual Report of Animal Use for October 1, 2021 - September 30, 2022

- **Protocol 1997-0014** – 7 Horses – Horses come from sales and have not been handled, trained or socialized well. There is also a slight risk of infectious diseases being present (i.e. strangles). To minimize exposure to other horses housed nearby, the horses are housed in large stalls and are not exercised for a period of about four days, until teaching procedures are completed.
- **Protocol 1997-0014** – 3 Cows – Newly arrived cows may be housed 2 to a stall when possible. The size of the available floor space for these cows is somewhat smaller than that recommended in the *Guide for the Care and Use of Agricultural Animals in Research and Teaching* and the *Guide for the Care and Use of Laboratory Animals*, but is offset by the observation that housing with a conspecific has a calming effect for these newly arrived animals.
- **Protocol 2012-0101** – 130 Cows – For a subset of heifers, water access will be restricted for a portion of the day while the heifers are housed in a particular barn. Younger age groups are housed in separate buildings, allowing all-in-all-out management which helps maintain health. In one of the barns, running water cannot be maintained due to the possibility of waterlines freezing, putting bedding and the calf environment at risk. Heifers will have access to water for the majority of each day, every day, while they are turned out for pasture or yard access. It is only overnight, at the coolest time of day, that these heifers will not have access to water.
- **Protocol 2014-0001** – 96 Voles – Voles will be housed in semi-natural outdoor enclosures for approximately 3-5 weeks. These conditions simulate natural conditions, and food and water are available *ad libitum* as in the wild. Visual daily monitoring is not possible; however, animals are radio-tracked in the field enclosures multiple times a day, and movement is used to assess the animals' health and wellbeing. When an animal is tracked to the same place three times in a row, close inspection of the area is done to assess whether the animal is alive and healthy.
- **Protocol 2018-0089** – 22 Chinchillas – Chinchillas will not be provided with sand baths for 1 week after surgery to prevent surgical sites from becoming infected.
- **Protocol 2020-0064** – 14 Mink – Mink and ferrets will be co-housed in the same ABSL-3 room in individual Horsfal cages due to a lack of space in the ABSL-3 facility for all species to be housed in separate rooms.
- **Protocol 2021-0052** – 18 Ferrets – Mink and ferrets will be co-housed in the same ABSL-3 room in individual Horsfal cages due to a lack of space in the ABSL-3 facility for all species to be housed in separate rooms.