

**ADDENDUM TO FY17 ANNUAL REPORT****November 1, 2017****NOV 04 2017**

Registration Number 13-R-0001

Customer ID Number: 273

University of Vermont  
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**Exception for space requirements of calves:**

Young Holstein bull calves are used in a study to help develop an effective treatment for Cryptosporidiosis for both humans and calves. Total fecal collection from the calves is required in order to 1) quantify shedding of cryptosporidia oocysts and 2) contain and dispose of this contaminated fecal waste, which poses an occupational health risk for research workers. In order to facilitate these objectives, calves are confined in raised crates for the period of time during which they are shedding oocysts, anticipated to be about two weeks. These crates provide approximately 9 square feet per calf; the calves can stand and lay down but cannot turn around. The IACUC has approved this exception to the requirement in the Guide for the Care and Use of Laboratory Animals for 24 square feet of space for dairy calves under 75 kg body weight.

**This exception applies to all of the calves on this protocol; in FY17, the protocol utilized 32 calves.**