

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 82-R-0014
2. Number 66 of animals used in this study.
3. Species (common name) wild mice of animals used in the study.
4. Explain the procedure producing pain and/or distress.

The wild mice were collected by snap trap. Seven of the animals did not die outright and were euthanized by cervical dislocation. The Boise State University Institutional Care and Use Committee (IACUC) approved this activity after full committee review.

5. Provide Scientific Justification why pain and/or distress could not be relieved. State methods used to determine that pain and/stress relief would interfere with test results.

The PI explained to the IACUC that the dead mice were sent to a testing company for biomass analysis for polybrominated diphenyl ethers (PBDEs). The PI indicated that he had considered live trapping the animals then anesthetizing the animals with isoflurane prior to euthanasia by cervical dislocation. The testing company informed the PI that the isoflurane would harm their analytical equipment and therefore could not be used. The IACUC accepted this as scientific justification of why pain and/or distress could not be relieved.

The PI also expressed concern with the safety of personnel with regard to handling of the live wild mice.