THE UNIVERSITY OF WINNIPEG

University Animal Care Committee (UACC)

Schedule 6: Environmental Manipulation

1 Will light/dark schedules be manipulated from the facility normal or ambient ?	☐YES	☐NO
1.1 If YES, give hours of light per 24-hour period, or hours of light and dark if other than a 24 hour cycle will be used.		
1.2 What are the expected effects on the animals?		
2 Will temperatures or humidity be deliberately changed?	☐YES	☐NO
2.1 If YES, describe the procedures, including temperature and/or humidity values to be used and duration of exposure of animals to them.		
2.2 What are the expected effects on the animals?		

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3 Will unnatural concentrations of gases (atmospheric or aquatic) be utilized?	☐YES	☐NO

3.1 If YES, please complete the following table. It will expand as required.

Gas	Normal Range of Concentration or Partial Pressure for Species	Concentration or Partial Pressure Range to be Used	Duration of Exposure

3.2 Describe the expected effects on the animals.

4 Will environmental contaminants, toxins, or other environmental stressors be used? **NOTE: If any of these constitute Radiation, Chemical or Biohazards, <u>Schedule 8: Potential Hazards</u>, must be completed and attached.**	☐YES	☐NO

4.1 If YES, please complete the following table. It will expand as required.

Contaminant or Toxin	Concentration Range to be Used	Duration of Exposure

4.2 Describe the expected effects on animals.

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5 Will chemical parameters such as pH, total dissolved solids, etc. of aquatic environments be manipulated?	☐YES	☐NO

5.1 If YES, please complete the following table. It will expand as required.

Chemical Parameter	Normal Range for Species	Concentration Range to be Used	Duration of Exposure

5.2 Describe the expected effects on animals.

6 Describe any other environmental manipulations which will be used or which may be secondary effects of this experiment. (For example, high noise levels, air (or water) pressure variations, high ammonia levels, high dust levels, etc.)