### SPACE REQUEST FORM

Date:



Please submit completed form to the Facility Manager of the Hagen Aqualab, c/o Department of Integrative Biology. This application must be reviewed by the Aqualab Management Committee prior to approval.

Facility Manager: Mr. Matt Cornish Hagen Aqualab Aquatic Sciences Facility Christie Lane University of Guelph Phone: (519) 824-4120 ext. 2714 Fax: (519) 763-5741

e-mail: mcornish@uoguelph.ca

| Researchers              | Department              | Phone Number / Extension |
|--------------------------|-------------------------|--------------------------|
|                          |                         |                          |
|                          |                         |                          |
|                          |                         |                          |
|                          |                         |                          |
|                          |                         |                          |
|                          |                         |                          |
|                          |                         |                          |
| Emergency Contact Person | Work Hours Phone Number | After Hours Phone Number |
|                          |                         |                          |
|                          |                         |                          |
|                          |                         |                          |

| Project Title:   |   |
|--|---|
| Research organism:   |   |
| Animal Utilization Protocol # (if applicable):             | Project Status: ( ) new project ( )ongoing                |
| Indicate Funding Agency:                                   |   |
| Trust Fund #:  |   |
| Date of Commencement:                                      | Date of Conclusion:                                       |
| Please indicate the disposition of your research animals a | t the end of the project: Euthanised Yes $\Box$ No $\Box$ |
| If no, indicate disposition:                               |   |

Please give a brief description of the research you intend to conduct in the Hagen Aqualab.

Why is this research important or relevant? (We need this information to prepare the Annual Report)

What features of the facility make it important to conduct this research in the Hagen Aqualab? (We need this information to prepare the Annual Report)

## Rooms

ENVIRONMENTAL INFORMATION: If multiple temperatures are not required please indicate temperature required in the first space only. If annual photoperiod is required please indicate latitude. Humidity is either on or off.

| SPACE REQUIRED | AIR TEMP (up to 4) | HUMIDITY | WATER TEMP (up to 3) | PHOTOPERIOD |
|----------------|--------------------|----------|----------------------|-------------|
| Room           | ې<br>ث             | Yes      | ۍ<br>بې              | On<br>Off   |
| Chamber        | °C                 | _        | °C                   |             |
| Lg Med Small   | °C                 | No       |                      | Lat°N       |

| Room rental rates Effective 2004/2005 fiscal y |               |               |                |               |  |
|--|---------------|---------------|----------------|---------------|--|
| Room size                                      | Research Room | Large Chamber | Medium Chamber | Small Chamber |  |
| Cost per month                                 | \$315         | \$315         | \$188          | \$150         |  |
| Cost per year                                  | \$3150        | \$3150        | \$1880         | \$1500        |  |

## ECARS

| ECAR System # | COST<br>ANNUM | PER<br>MONTH | WATER TEMP<br>Fixed Cyclical  | PHOTOPERIOD           |  |
|---------------|---------------|--------------|-------------------------------|-----------------------|--|
|               | \$1500        | \$150        | Fixed °C<br>Cyclical °C °C °C | On Off<br>°N latitude |  |

For cyclical water temperature indicate range and ramping time.

Range: Low\_\_\_\_\_ High \_\_\_\_\_

Ramping Time(time between temperature setpoints):\_\_\_\_\_

| ECAR Systems are normally set up on six foot diameter tanks If you require the system set up on other tanks please indicate number and size of tanks required |                            |            |             |  |  |  |
|---|----------------------------|------------|-------------|--|--|--|
| Tank size   | Number Required per system | Start Date | Finish Date |  |  |  |
| □ 2 ft □ 4 ft □ 7 ft tray □ other   |                            |            |             |  |  |  |

# Tanks

| PLEASE INDICATE NUMBER AND SIZE OF TANKS REQUIRED  |                                 | ROOM #                           |                                |  |  |  |
|--|---------------------------------|----------------------------------|--------------------------------|--|--|--|
| Cost: See Hagen Aqualab Fee Structure  |                                 |                                  |                                |  |  |  |
| Tank size  | Number Required                 | Start Date                       | Finish Date                    |  |  |  |
| □ 2 ft □ 4ft □ 6ft □ other   |                                 |                                  |                                |  |  |  |
| □ 2 ft □ 4ft □ 6ft □ other   |                                 |                                  |                                |  |  |  |
| □ 2 ft □ 4ft □ 6ft □ other   |                                 |                                  |                                |  |  |  |
| Please indicate what other portions of thi   | s facility that you would requi | re access to:<br>□ Freezer       |                                |  |  |  |
| Organism Usage: species and common   | name:                           |                                  |                                |  |  |  |
|  | vn Stock                        | □ Other                          |                                |  |  |  |
| Source / Supplier:   |                                 |                                  |                                |  |  |  |
| Location:  |                                 |                                  |                                |  |  |  |
|  |                                 |                                  |                                |  |  |  |
| Biohazard: (please indicate possible haz   | zards used in your experimen    | its)                             |                                |  |  |  |
| □ None □ Radioisotope □ Ca   | arcinogen 🛛 Chemical            | Pathogen Exotic sp               | becies □ Other                 |  |  |  |
| Chemical Usage:<br>(Please list all chemicals that you plan to bring into and use in this facility. Certain chemicals will not be allowed in the animal holding or anterooms. Chemical inventories must be maintained by the room user.) |                                 |                                  |                                |  |  |  |
| What chemicals if any do you plan to add to the system water?  |                                 |                                  |                                |  |  |  |
| What steps will be taken to ensure that future users will not be affected by the chemicals you plan to add to the system water.  |                                 |                                  |                                |  |  |  |
| Parasite Usage: Species:   |                                 |                                  |                                |  |  |  |
| Are there any portions of life cyc<br>(eg disinfectant-resistant spores  | le of this parasite that could  |                                  | he future room usage by others |  |  |  |
| Pathogen Usage: Species:   |                                 |                                  |                                |  |  |  |
| The use of fish pathogens for re must be followed.   | search are restricted to Roor   | n 155. Strict adherence to the S | SOP's for the use of this room |  |  |  |
| Is this pathogen treatable? In the event of an outbreak of the pathogen being studied, what treatment is recommended?  |                                 |                                  |                                |  |  |  |

#### Declaration

Use of vertebrate animals in this facility will be in accordance with approved animal care standards as outlined in the CCAC Guide to the Care and Use of Experimental Animals Volumes 1 and 2, Animals for Research Act and Species Specific Standard Operating Procedures (as provided by Aqualab Staff). All vertebrate animals must be covered under a valid AUP. The AUP# must be submitted prior to animals entry into this facility. Use of other organisms will be in accordance with approved Facility Operating Procedures. Use of the Hagen Aqualab facilities for research or teaching will be in accordance with Aqualab Policy and Procedures as outlined in the Aqualab Standard Operating Procedures. Use of this facility will also be in accordance with procedures outlined by the Facility Manager.

| Principal Investigator                | Date |
|---------------------------------------|------|
|                                       |      |
| Graduate Student Investigator         | Date |
| Aqualab Management Committee Approval |      |
| Chair Aqualab Management Committee    | Date |
| Hagen Aqualab Manager                 | Date |

### Contract:

The Principal investigator agrees to pay the Aqualab trust fund, at the commencement of use in the current fiscal year.

|                        | 50450         | # years | Cost per annum  | # months | Cost per month | Total |
|------------------------|---------------|---------|-----------------|----------|----------------|-------|
| Room /                 | Room / ECARS: |         | @ \$3150.00/ yr |          | @ \$315.00/mo  |       |
|                        |               |         | @ \$1875.00/yr  |          | @ \$188.00/mo  |       |
|                        |               |         | @ \$1500.00/yr  |          | @ \$150.00/mo  |       |
| Rm 160                 | # required    | # years | Cost per annum  | # months | Cost per month | Total |
| 6 ft tanks             |               |         | @ \$375/yr      |          | @ \$37.50/mo   |       |
| Annual/ monthly Total: |               |         |                 |          |                |       |

It is further agreed that the cost of all incidental or consumable items used by the researcher are borne at the expense of the researcher and may be charged directly to the researchers trust fund (eg. replacement sand, replacement charcoal, UV bulbs, all disinfectants, sea salt, fish food, brooms, nets, paper towels, soap, additional or lost keycards).

Signature: \_