

Name: \_\_\_\_\_

**Water Quality, Systems & Operations**  
*Hydrodynamics in Recirculating Aquaculture Systems*

**Question 1**

What is the elevation head for the system schematic provided?

Answer: \_\_\_\_\_ft

**Question 2**

What is the friction head for the system schematic provided?

(Hint: 1 psi pressure drop = 2.31 ft of head loss)

Answer: \_\_\_\_\_ft

**Question 3**

What is the total dynamic head for the system schematic provided?

Answer: \_\_\_\_\_ft

**Question 4**

Using the select a pump from W. Lim Coporation [www.wlimproducts.com](http://www.wlimproducts.com) that is best suited for the recirculating aquaculture system?

Source:   Catalog       Website                    Catalog page number:\_\_\_\_\_

Item Number: \_\_\_\_\_                    Brand:\_\_\_\_\_

Model:\_\_\_\_\_                    Horsepower: \_\_\_\_\_

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