

# WORKSHEET

## Required Data

1. Is this a new or existing pump site:  
\_\_\_\_\_
2. Water Source:  
 Pond/Lake     River/Stream  
 Tank/Pit     Canal
3. Primary type of waterborne debris: \_\_\_\_\_  
\_\_\_\_\_
4. Approximate speed of water (feet/second):  
\_\_\_\_\_
5. Direction of flow as viewed from pump:  
 left to right     right to left
6. Operating depth  
Maximum: \_\_\_\_\_  
Minimum: \_\_\_\_\_
7. Material at bottom of source (i.e. silt, sand, rock, etc.): \_\_\_\_\_  
\_\_\_\_\_
8. If this is an existing system...
  - a) Does the pump intake currently have a screen: \_\_\_\_\_ Mesh size: \_\_\_\_\_
  - b) What material is clogging the current screen: \_\_\_\_\_
  - c) How often does the current screen require cleaning: \_\_\_\_\_
9. Flow rate of pump: \_\_\_\_\_
10. Pump operates approximately  
\_\_\_\_\_ hours/day  
\_\_\_\_\_ weeks/year
11. Pressure at pump discharge: \_\_\_\_\_
12. Power Source:  
 Electric    Voltage: \_\_\_\_\_  
 Gas/Diesel  
 Single Phase     Three Phase
13. Type of pump:  
 Centrifugal     Turbine     Submersible  
Pump lift (ft.): \_\_\_\_\_ (Measurement from water level to pump inlet)  
 Flooded Suction
14. Material and outside diameter of pump suction/inlet pipe: \_\_\_\_\_
15. Distance between pump and potential screen location: \_\_\_\_\_
16. Foot Valve:  
 Flange by Flange     Water Check  
 Threaded     Compression  
Make: \_\_\_\_\_
17. Water is used for (describe your specific system): \_\_\_\_\_
18. Existing filtration at pump discharge (Type *and* mesh rating): \_\_\_\_\_  
\_\_\_\_\_
19. Water temperature: \_\_\_\_\_
20. Water pH: \_\_\_\_\_

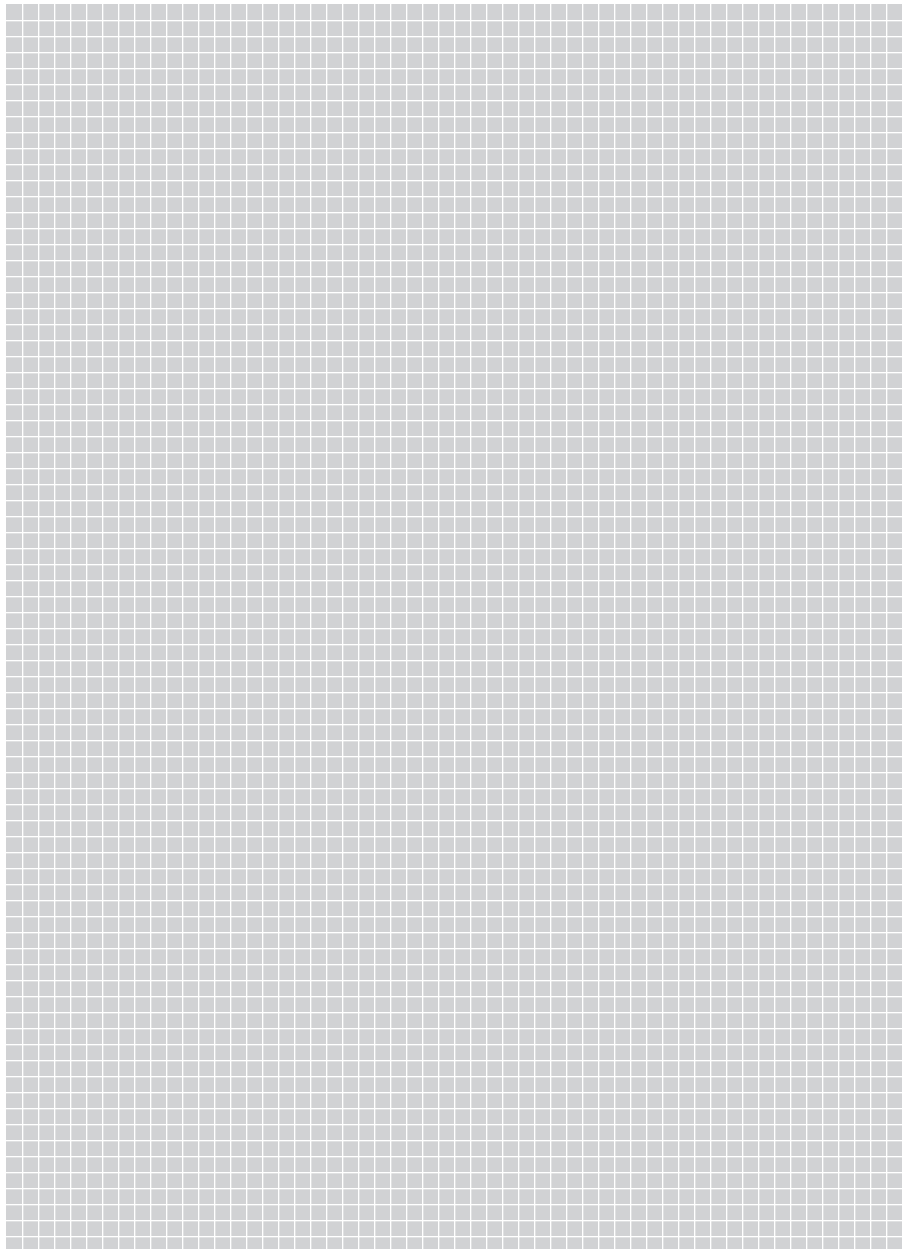
## For Specifying **LAKOS** Self-Cleaning Pump Intake Screens

Name: \_\_\_\_\_  
Company: \_\_\_\_\_  
Phone: (\_\_\_\_\_) \_\_\_\_\_ FAX: (\_\_\_\_\_) \_\_\_\_\_

### Site Sketches – Please be sure to include:

- |   |   |
|---|---|
| <input type="checkbox"/> Top <i>and</i> side views.         | <input type="checkbox"/> Materials of construction, including piping, canal walls (if applicable) and types of connections. |
| <input type="checkbox"/> All possible dimensions.           | <input type="checkbox"/> Any other information which affects the installation of a pump intake screen.                      |
| <input type="checkbox"/> Direction of flow (if applicable). |   |
| <input type="checkbox"/> Water depth (maximum/minimum).     |   |

*NOTE: Use back of this worksheet if necessary.*



**LAKOS**  
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