

LAKE & BAY HEALTH EVALUATION © 2009

The use of the Bacta-Pur[®] System is founded on solid and efficient technical support. The Bacta-Pur[®] System is comprised of various tools (ECOPROBIOTICS[®], ECOPREBIOTICS[™], the BACTIVATOR[®] family of on-site growth & conditioning equipment), and the knowledge and experience of how to make the system work for you. Each water body is unique. It is important to begin any health maintenance program by defining certain hydro-morphological, physico-chemical and biological realities. This information is combined with the goals and/or desires of the residents about the lake to develop a realistic management plan.

Once completed, this questionnaire will provide us an overview of the lake or water body. This questionnaire should be filled out as completely as possible; just leave blanks if information is lacking.

Customer:	_____		
Address:	_____		
City:	_____	State/ Prov.	_____
		Zip or	_____
Country:	_____	Postal Code:	_____
Telephone:	_____	Fax:	_____
Lake Name:	_____	Latitude:	_____
Data certified by			
Name (print):	_____	Title:	_____
Signature:	_____	Date:	_____



1. HYDRO-GEOMORPHOLOGY:

Please provide a sketch or preferably a bathymetric chart of the lake/bay or water body in question showing the following information:

- Shape,
- Dimensions,
- Depth contours if possible or at least the deepest points,
- Water entrance and exit,
- Average depth,
- Sediment (rock, gravel, clay, sludge) - show areas if different zones,
- Principal wind direction and strength,
- Magnetic north,
- Forests around lake/bay (_ % cover),
- Grass around lake/bay (__ % cover)
- AERIAL PHOTOS OF PROBLEMATIC AREA.

2. WATER INPUT SOURCES:

	Bimonthly Water Input (%)					
	J/F	M/A	M/J	J/A	S/O	N/D
Surface run-off:						
Stream or river:						
Springs:						



5. AQUATIC BIOLOGY:

List principal species

Locate position, using code number of problematic species (e.g plants P1-8), on chart in Section 1 above.

Fish	Plant	Algae
F1.	P1.	A1.
F2.	P2.	A2.
F3.	P3.	A3.
F4.	P4.	A4.
F5.	P5.	A5.
F6.	P6.	A6.
F7.	P7.	A7.
F8.	P8.	A8.

6. POLLUTIONAL SOURCES:

Check appropriate boxes and locate, using code number, on chart of Section 1 above.

7. WATER USE:

Rank activities in order of importance; 1 is the most important.

	4
X1. Septic systems	
X2. Agricultural run-off	
X3. Waste water treatment plant effluent	
X4. Storm drain	
X5. Horticultural run-off	
X6.	
X7.	
X8.	
X9.	

	Rank
Swimming	
Fishing	
Motor Boating	
Sailing	
Irrigation	

8. EXISTING AERATION:

Fill in information and locate position, using code number, on chart in Section 1 above.

Manufacturer: Compressor, Blower, Fountain	Model	HP	PSI max.	SCFM	Diffuser Type	Location
						D1.
						D2.
						D3.
						D4.
						D5.



