

Blue Frog Technologies

Blue Frog Patented System is a Proprietary Technology

SWINE EVALUATION FORM

Please forward information to our customer service department:

custserv@bluefrogsystem.net / Ph: (888) BFS-7912 / FAX: (866) 583-4160

The Blue Frog System (BFS) technology utilizes natural biological processes to biodredge your lagoon system eliminating mechanical dredging. All designs are customized to meet specific project objectives. Please complete the questionnaire to receive a design concept for your system.

Blue Frog System (BFS) Technology requires a 3' engineered float depth.

Applications: Sludge Storage Ponds, Effluent Storage Ponds, Treatment Ponds, Sludge Tanks, Oxidation Ditches, and EQ Tanks.

NOTE: All project designs require the following:

1. A System Schematic with flow patterns.
2. Include lagoon depths.
3. Six months of your most recent DMR's and a copy of your permit.
4. Influent data.
5. Sludge analysis report to determine TS & VS. (see bottom of page for instructions)
6. pH levels.
7. Explain any problem(s) unique to your facility.
8. If you have more than one lagoon, advise if they are connected.

Date: _____

Dairy Name: _____

Contact Name: _____ Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Your solution to eliminate dredging!

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If you are a contract farm, who do you contract for? _____

Office Number	
Cell Number	
E-mail Address	
Farm Number & Treatment Plant Address	

Provide a brief description of the project:

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Project Objectives:

1)	2)
3)	4)

Operation Type (check one):

<input type="checkbox"/> Farrow-to-Finish	<input type="checkbox"/> Finisher Operation
<input type="checkbox"/> Boar Stud Farm	<input type="checkbox"/> Feeder Pig Operation

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If existing system, which part needs improvement? Odor _____ Solids _____

Quality of Reuse Water _____ Separation Problems _____ Other _____

Explain: _____

Is there a manure separation? _____ (Y/N)

If so, what method? Sloped screen _____ Screw Type _____ Rotary _____ Trench _____

Other (explain): _____

How many connected lagoons are in the system? _____

If pull/plug, how often is system opened (released)? _____

Complete Lagoon Dimensions:

	Pond 1	Pond 2	Pond 3
Length			
Width			
Depth			

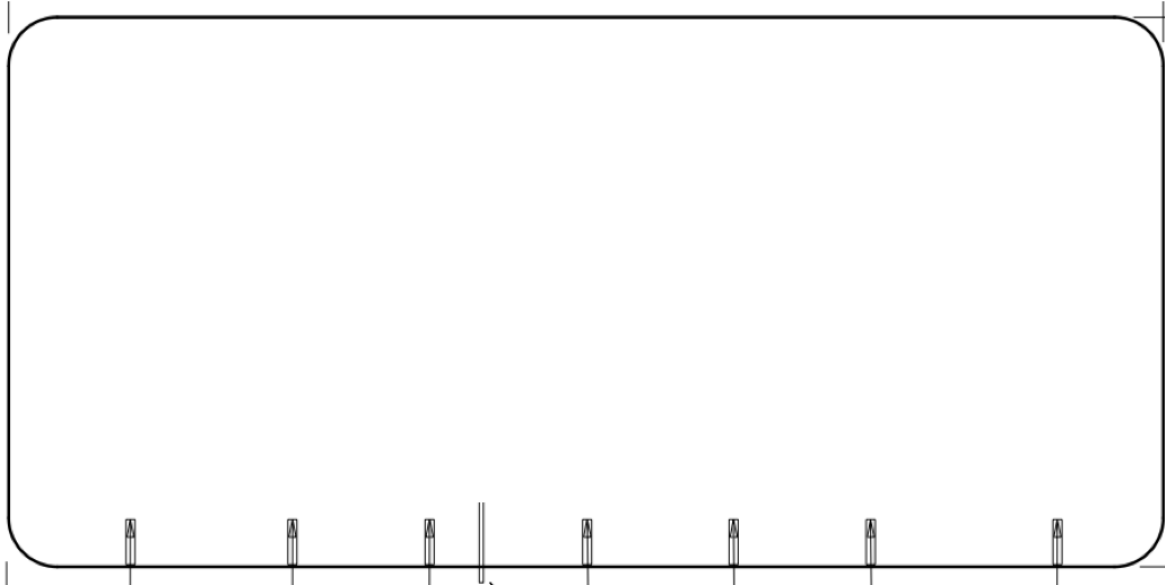
Important: Please include either a picture or engineered schematic with flow patterns.

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Provide any water analysis for influent, effluent (including nutrients).

If flush system, where does the flush water come from?

Lagoon: _____ Flush Pit: _____

Is water taken from?

Top: _____ Bottom: _____ Other: Explain: _____

Total number of units (head) going to lagoon(s): _____

Can solids be seen in any of the lagoons? _____(Y/N)

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Have you previously dredged your ponds? _____(Y/N)

If yes, how often do you dredge? _____

Frequency of dredging (years between dredging) _____

What was the total cost of your last dredge: \$ _____

Current Mortality rate: _____

Do you currently have aerators or diffusers in place? _____(Y/N)

If yes, list the number and horsepower of units: _____

Estimated cost per kWh: _____

What is the available electrical supply at site?

Phase: _____ Hz: _____ Volts: _____

Sludge Sample Instructions:

Please use a Sludge Judge or equivalent to take the sample. Take five samples [over the flat part of the lagoon], in each corner and in the middle. Discharge the sludge portion of each sample into a five-gallon pail. Stir the pail to make a composite sample. Send a sample to the lab for Total Solids, Percent of Volatile Solids, field pH, field temperature and ammonia. The non-volatile fraction is the fraction that is not digestible.

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