



Wastewater Remediation  
Project Worksheet  
Swine Operation

(Please complete all pages of worksheet,  
then fax or mail to us.)

Please provide as much information  
as you can. Do not be concerned if  
you cannot answer all of the  
questions. This worksheet is the first  
step in our database process.

P.O. Box 329 • Strasburg, CO. 80136  
Phone: 800-633-1179 • Fax: 303-622-4527

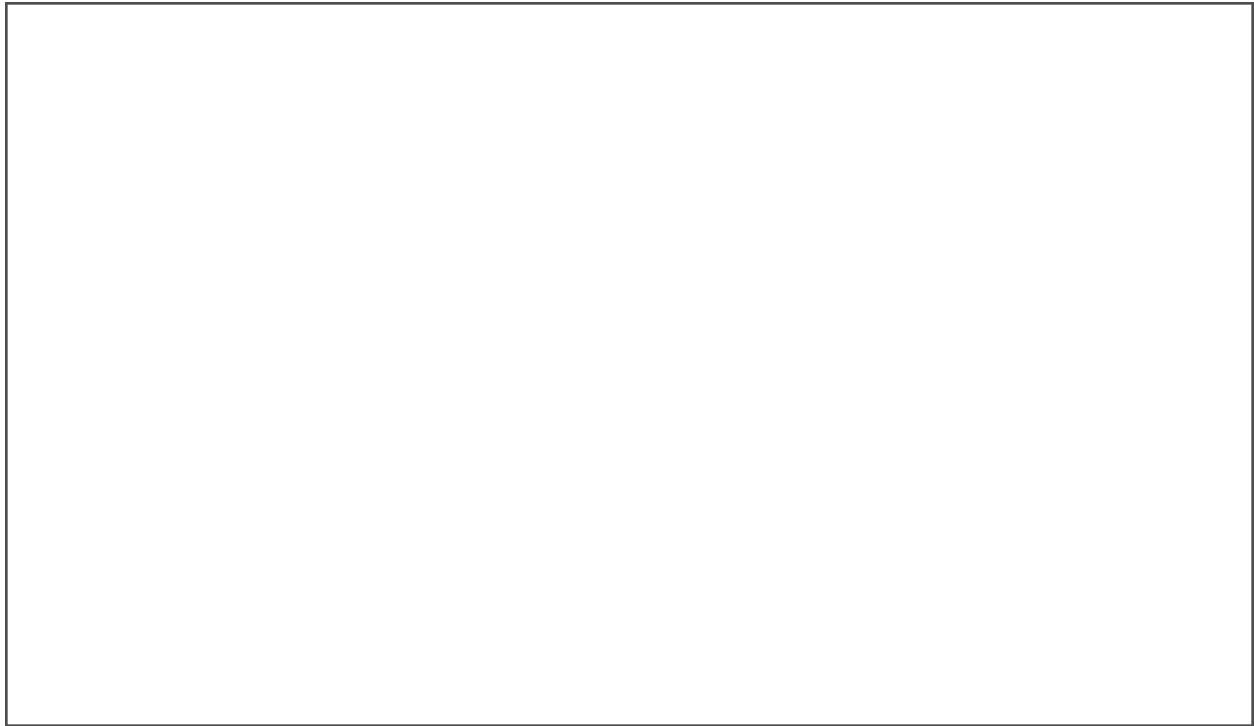
1. Business Name: \_\_\_\_\_  
Owner's Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_  
E-mail: \_\_\_\_\_

2. If farrow to finish, number of sows: \_\_\_\_\_  
number and average weight marketed/year: \_\_\_\_\_  
If farrow to feeder, number of sows: \_\_\_\_\_  
number and average weight marketed/year: \_\_\_\_\_  
If farrow to wean, number of sows: \_\_\_\_\_  
If finish only, number and average weight marketed/year: \_\_\_\_\_

3. Pond dimensions (example - 200 x 300 x 15):  
Pond #1 size: \_\_\_\_\_ Retention time? \_\_\_\_\_  
Pond #2 size: \_\_\_\_\_ Retention time? \_\_\_\_\_  
Pond #3 size: \_\_\_\_\_ Retention time? \_\_\_\_\_  
Pond #4 size: \_\_\_\_\_ Retention time? \_\_\_\_\_

4. Pond layout, please sketch:

(give distance between lagoons, where does waste-stream flow enter, give flow directions, if used for land application, give location of irrigation pump)



5. Are ponds reasonably free of bottom sludge and/or top crusts? Yes \_\_\_\_\_ No \_\_\_\_\_

If no, what is the depth of waste buildup?

pond #1- sludge \_\_\_\_\_ crust \_\_\_\_\_

pond #2- sludge \_\_\_\_\_ crust \_\_\_\_\_

pond #3- sludge \_\_\_\_\_ crust \_\_\_\_\_

pond #4- sludge \_\_\_\_\_ crust \_\_\_\_\_

6. How many gallons of waste-stream/day? \_\_\_\_\_

7. Is effluent used for land application? Yes \_\_\_\_\_ No \_\_\_\_\_

8. If yes, is application by sprinkler, flood irrigation or by spreader? \_\_\_\_\_

9. What, if any, chemicals are used on a routine basis? (example: Clorox, DC&R) \_\_\_\_\_

\_\_\_\_\_

10. If available, please list current numbers for the following:

BOD \_\_\_\_\_ TSS \_\_\_\_\_ TVS \_\_\_\_\_ TKN \_\_\_\_\_

NH<sub>3</sub>N \_\_\_\_\_ NO<sub>3</sub> \_\_\_\_\_ DO \_\_\_\_\_ pH \_\_\_\_\_

Any other nutrient numbers you can provide \_\_\_\_\_

Do you have a permit? Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, list your permit parameters: \_\_\_\_\_

\_\_\_\_\_

11. Type of available electrical power: (example: 440/3 phase) \_\_\_\_\_

Is fresh water available? Yes \_\_\_\_\_ No \_\_\_\_\_

12. List areas of concern in order of priority: (example: 1. Odor, 2. Sludge Buildup, 3. NH<sub>3</sub>N)

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

13. Please include pictures of the site and ponds with this worksheet. Provide any other pertinent information that might help us determine the best design for your waste management system.

Mail to:                   The O2 Solution  
                              P.O. Box 329  
                              Strasburg, CO 80136

Or fax to:                Fax: 303-622-4527

\* Please contact Loren L. Losh at 800-633-1179 or e-mail: [llosh@aol.com](mailto:llosh@aol.com) with any questions.

“Nature to be commanded must first be obeyed.”  
- Sir Francis Bacon