



# Wastewater Pond & Lagoon Evaluation Form

Ph: 800/961-1220 Fax: 480/425-3061

Operator's Name \_\_\_\_\_

Facility Name \_\_\_\_\_

Address: \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ email \_\_\_\_\_

## Facility Description

Number of Lagoons \_\_\_\_\_ Population served \_\_\_\_\_

Series Operation (y/n) \_\_\_\_\_ Parallel Operation (y/n) \_\_\_\_\_

## Lagoon Dimensions

Pond # 1 Length \_\_\_\_\_ Width \_\_\_\_\_ Depth \_\_\_\_\_ Volume \_\_\_\_\_

Pond # 2 Length \_\_\_\_\_ Width \_\_\_\_\_ Depth \_\_\_\_\_ Volume \_\_\_\_\_

Pond # 3 Length \_\_\_\_\_ Width \_\_\_\_\_ Depth \_\_\_\_\_ Volume \_\_\_\_\_

Pond # 4 Length \_\_\_\_\_ Width \_\_\_\_\_ Depth \_\_\_\_\_ Volume \_\_\_\_\_

Barscreen (y/n) \_\_\_\_\_ Grit Removal (y/n) \_\_\_\_\_ Flow Meter (y/n) \_\_\_\_\_

Collection System Force Mains? (y/n) \_\_\_\_\_ Number \_\_\_\_\_ Length of force mains \_\_\_\_\_

Aerators (y/n) \_\_\_\_\_ Number in Lagoon 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_ 4 \_\_\_\_\_ Horse Power in 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_ 4 \_\_\_\_\_

Baffles? \_\_\_\_\_ Number? \_\_\_\_\_ Which Ponds? \_\_\_\_\_

Duck weed present? \_\_\_\_\_ Percent of duck weed coverage over lagoons \_\_\_\_\_

Do you use copper sulfate or other chemicals to control algae or duck weed? \_\_\_\_\_

## Water Quality

Average influent BOD \_\_\_\_\_ Average effluent BOD \_\_\_\_\_ Average daily flow \_\_\_\_\_

Average influent TSS \_\_\_\_\_ Average effluent TSS \_\_\_\_\_ Other tests? \_\_\_\_\_

Average Dissolved Oxygen Concentration \_\_\_\_\_ pH \_\_\_\_\_

Are Odors Present? \_\_\_\_\_ Describe the color of the water in general \_\_\_\_\_

Do you receive septage? \_\_\_ Porta toilet waste? \_\_\_ Meth lab or other toxic waste ever dumped on you? \_\_\_

Do you receive Industrial wastewater? \_\_\_\_\_ How much as a percent of the average daily flow \_\_\_\_\_

Do you chlorinate? \_\_\_\_\_ UV disinfection \_\_\_\_\_ Other \_\_\_\_\_

Grease trap waste? \_\_\_\_\_

Sludge Depths:

Pond # 1 \_\_\_\_\_

Pond # 2 \_\_\_\_\_

Pond # 3 \_\_\_\_\_

Pond # 4 \_\_\_\_\_

Describe the nature of any problems: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Wastewater is discharged to: \_\_\_\_\_

**Draw a Flow Diagram of the Pond System. Include aeration and baffle placement. Show where and how influent enters the pond and exits.**

