Tangsons Biotech

Industrial Wastewater Project Evaluation Form

1. Clients Name_____ Phone _____
2. Address _____ Email _____

Wastewater Treatment Facility

1. Describe treatment system _____

_____

_____

2. System problem: □ over standard □ High COD □ High ammonia (NH3) □ High nitrate (No3)
□ Sludge bulking □ Turbidity □ Odour □ Performance lower by low temp
□ Anaerobic system not reach to design value □ hard to recovery after toxicity
□ High treat cost □ Others _____

2. Design capacity _____ M.G.D., Average daily flow _____ M.G.D.
3. No. of clarifiers _____ Dimensional size of each _____
4. Describe nature of waste stream _____

_____

5. Number of tanks or lagoons _____ Dimensions of each tank or lagoon _____L_____W_____D
_
Storage capacity of each_____ m3, Number & type of aerators _____
6. Monthly power cost associated with aeration _____
7. Present sludge level in each lagoon _____
8. Is dredging of lagoon being considered? Yes _____ No_____ Estimated cost _____
9. Any odor concerns from any tank or lagoon? _____ Is a complete log kept? _____
10. Wastewater effluent disinfection? Yes _____ No _____ Method _____

Wastewater Characteristic

1. Volatile Organic Carbon measured?. _____ Influent _____ Effluent _____
2. Bacteria or enzyme products used now? _____ Past? _____
3. Brand & cost per month _____ Results?_____
4. Inflow & outflow indicator after each treatment

	Buffer tank	Denitri	COD Degradetion	Nitri	Denitri	Fina Aera
COD						
BOD						
Ammonia						
Nitrate						
P						
pH						
Oil						
TSS						

5. D.O _____ Water Temp_____ MLSS _____

pH_____ SV_{30} _____ Sludge disposal _____

6. Chemicals in WW | Quantity/Month (Gal./Pounds) | Organic Compounds

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

General

1. Are W.W.T.P. effluent limits being met? _____Y_____N

If yes, describe the nature of the problem _____

2. Please include a flow diagram

_____ _____

Consultant Date