



Date: _____

Contact Information

Facility Name: _____
Contact Name: _____
Address Line 1: _____
Address Line 2: _____
City, State Zip _____ Country: _____
Phone: _____ Fax: _____
Type of Facility: _____
Plant Name: _____

Plant Characteristics

Retention capacity (m³ or gallons): _____
Primary Clarifiers Used? [] Yes [] No
Type of Secondary Treatment:
[] Activated Sludge [] Trickling Filter
[] Aerated Lagoon [] Non-Aerated
[] Other (Please Specify) _____

Wastewater Characteristics

1. Average Daily Flow (m³ or gallons/day): _____
2. Peak Daily Flow (m³ or gallons/day): _____ Dissolved Oxygen (mg/L): _____
3. Wastewater Temperature (F° or C°): _____
4. Raw Wastewater (Influent) Values (mg/L – monthly average):
BOD: _____ Total Suspended Solids (TSS): _____ COD: _____
FOG: _____ Total Kjeldahl Nitrogen: _____ pH: _____
Ammonia Nitrogen (NH3-N): _____ Nitrate (NO3): _____ Total Phosphorus: _____
Organic compound(s) to be biotreated: specify type(s) and influent concentration(s): _____
5. Effluent Values (mg/L – monthly average):
BOD: _____ Total Suspended Solids (TSS): _____ COD: _____
FOG: _____ Total Kjeldahl Nitrogen: _____ pH: _____
Ammonia Nitrogen (NH3-N): _____ Nitrate (NO3): _____ Total Phosphorus: _____
Organic compound(s) / waste to be biotreated: specify type(s) and current effluent concentration(s): _____
6. Discharge Permit Limits: BOD: _____ TSS: _____
Others: _____
7. How is effluent disposed of? _____
8. Will effluent be reused? _____
9. Yearly Sludge Production (specify units – tons, kg, m³): Wet Basis: _____ Dry Basis: _____

Desired Benefits from Biotreatment Program (check most desired benefits):

[] Reduce organic compound(s)
Specify types and target concentration(s): _____
[] Reduce sludge production [] Reduce grease build-up [] Reduce Odors
[] Improve effluent quality: [] BOD [] COD [] TSS [] FOG [] NH3
[] Other (specify): _____

NOTE: In a separate document, draw brief plant schematic with gallon capacities of components (Aeration Basins, SBR, Trickling Filters, Lagoons, etc.) Indicate flow patterns and major unit operations.