

**SUPPLEMENT B**  
**Application for Certification**  
**WASTEWATER TREATMENT PLANT CLASSIFICATION WORKSHEET**

<b>Name of Facility:</b>		
<b>Location (City, State):</b>		
<b>Design Flow (MGD):</b>		2pts./MGD 30 max

<b>EFFLUENT DISCHARGE (select all that apply)</b>		
	Land disposal – evaporation	2 pts.
	Subsurface disposal	4 pts.
<b>Receiving stream sensitivity: (select one option)</b>		
	Secondary, or equivalent to secondary, wastewater treatment only is required	1 pt.
	Advanced secondary treatment	3 pts.
	Tertiary treatment	5 pts.
	Effluent used in a direct reuse system	7 pts.
<b>VARIATION IN RAW WASTES (select one option)</b>		
	Recurring deviations or excessive variations in strength and/or flow less than 100 percent	0 pts.
	Recurring deviations or excessive variations in strength and/or flow from 100 to 200 percent	2 pts.
	Recurring deviations or excessive variations in strength and/or flow of more than 200 percent	4 pts.
	Raw wastes subject to toxic waste discharges	6 pts.
<b>PRELIMINARY TREATMENT UNITS (select all that apply)</b>		
	Manually cleaned screens	2 pts.
	Mechanically cleaned screens	3 pts.
	Fine screens	3 pts.
	Preaeration	2 pts.
	Comminutor, barminutor, grinders, etc.	3 pts.
	Grit removal	3 pts.
	Raw sewage pumping	3 pts.
	Flow equalization basins (Aerated)	5 pts.
	Flow equalization basins (Unaerated)	2 pts.
<b>PRIMARY TREATMENT UNITS (select all that apply)</b>		
	Pre-chlorination	3 pts.
	Primary Clarifiers	5 pts.
	Primary Clarifiers with chemical settling aid	7 pts.
	Swirl system	3 pts.
<b>SECONDARY TREATMENT UNITS (select all that apply)</b>		
	Secondary Clarifiers	5 pts.
	Flocculation with or without chemical aid	7 pts.
	Trickling Filter without recirculation	6 pts.
	Trickling Filter with recirculation	8 pts.
<b>Activated Sludge</b>		
	Oxidation ditch	8 pts.
	Batch Treatment (SBR, etc.)	10 pts.
	Mechanical aeration	9 pts.
	Diffused or dispersed aeration	10 pts.
	Pure oxygen	15 pts.
	Two staged activated sludge facility	10 pts.

<b>TERTIARY TREATMENT UNITS/ADVANCED TREATMENT</b> (check all that apply)		
	Nitrification required by Activated Sludge	6 pts.
	Nitrification by other process	5 pts.
	Denitrification	10 pts.
	Chemical treatment removal	6 pts.
	Sand or mixed media filters	8 pts.
	Activated Carbon Beds	10 pts.
	Polishing pond or Effluent flow equalization	2 pts.
	Land application of treated effluent	5 pts.
<b>DISINFECTION</b> (check all that apply)		
	Chlorination	5 pts.
	Dechlorination	5 pts.
	Ozonation	10 pts.
	Ultraviolet	5 pts.
<b>SLUDGE TREATMENT AND HANDLING</b> (check all that apply)		
	Aerobic digestion	7 pts.
	Anaerobic digestion - Unheated	5 pts.
	Anaerobic digestion - Heated	10 pts.
	Drying beds	3 pts.
	Sand bed with polymer added	5 pts.
	Gravity thickener	5 pts.
	Dissolved air floatation thickener	8 pts.
	Vacuum filter	8 pts.
	Centrifuge	8 pts.
	Belt Press, Plate & Frame	8 pts.
	Solids reduction (Incinerator, wet oxidation, etc.)	15 pts.
	Land application	5 pts.
	Chemical stabilization with lime	8 pts.
	All other dewatering units including wedgewire and vacuum beds, both with polymers	5 pts.
	Composting: In-vessel	10 pts.
	Composting: Static Pile	5 pts.
	Sludge Lagoon	3 pts.
<b>LABORATORY CONTROL BY PLANT PERSONNEL – BACTERIOLOGICAL/BIOLOGICAL</b> (check all that apply)		
	Lab work done outside the plant	0 pts.
	Membrane filter procedures	3 pts.
	Use of fermentation tubes or any dilution method	5 pts.
	Biological identification	7 pts.
<b>LABORATORY CONTROL BY PLANT PERSONNEL – CHEMICAL/PHYSICAL</b> (check all that apply)		
	Lab work done outside the plant	0 pts.
	Push-button or visual methods for simple tests such as pH, settleable solids	3 pts.
	Additional procedures such as DO, COD, BOD, gas analysis, titrations, solids, volatile content	5 pts.
	More advanced determinations such as specific nutrients, total oils, phenols, etc.	7 pts.
	Highly sophisticated instrumentation such as atomic absorption and gas chromatography	10 pts.

Completed by (print name)	Signature	Title	Date
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