

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

SPDES # \_\_\_\_\_

Facility Operator \_\_\_\_\_

FOAS 100-4/95

Facility phone number (\_\_\_\_) \_\_\_\_\_

Date Completed \_\_\_\_\_

Regional Reviewer \_\_\_\_\_

Circle units/items that apply

Design Flow - 3 points per MGD or part (Minimum 1 point - Maximum 50 points) 3 points x		MGD =	Flow Points
Unit or Item	Points	Unit or Item	Points
<b>Preliminary Treatment (Maximum 8 points)</b>		Phosphorus Removal (required by permit), 4K	8
Bar Screens and/or Comminutor, 1A	2	Chemical Addition for neutralization, 4L	3
Manual Grit Removal, 1B	2	<b>Advanced Treatment Subtotal<sub>4</sub></b>	
Mechanical or Aerated Grit Removal, 1C	3	<b>Disinfection (Maximum 8 points)</b>	
Pre-aeration, 1D	2	Chlorination:	
Raw sewage or Effluent pumping, 1E	3	Gas Chlorination, 5A	5
Flow equalization basin, 1F	3	Other Chlorination, 5B	2
<b>(Preliminary Score) Subtotal<sub>1</sub></b>		Dechlorination, 5C	3
<b>Primary Treatment (Maximum 5 points)</b>		Ultraviolet, 5D	5
Primary Treatment Including: Primary Clarifiers, Imhoff tanks, Spirogesters, Clarigesters, Fixed Screens, and Hydroscreens, 2A	5	Ozonization, 5E	5
		Bromine Chloride, 5F	5
<b>Primary Treatment Subtotal<sub>2</sub></b>		<b>Disinfection Subtotal<sub>5</sub></b>	
<b>Secondary Treatment (Maximum 25 points)</b>		<b>Solids Handling / Disposal (Maximum 25 points)</b>	
Lagoon (unaerated), 3B	3	Gravity Thickener, 6A	5
Intermittent sand filters without recirculation, 3C	3	Dissolved air floatation thickener, 6B	8
Intermittent sand filters with recirculation, 3D	5	Centrifugation, (includes all modifications) 6C	8
Aerated Lagoon, 3E	7	Aerobic Digestion, 6D	5
Trickling Filter / Biological Filter without recirculation, 3F	9	Single Stage Anaerobic Digestion (unheated), 6E	5
Trickling Filter / Biological Filter with recirculation, 3G	11	Single Stage Anaerobic Digestion (heated), 6F	8
Rotating Biological Contactors, 3H	11	Two Stage Anaerobic Digestion, 6G	10
Activated Sludge (includes all process modifications), 3I	20	Sludge Drying Beds, except vacuum assisted drying bed, 6H	3
Chemical Coagulation with rapid mix, flocculation, clarification, 3J	20	Belt Filter Press, 6I	8
<b>Secondary Treatment Subtotal<sub>3</sub></b>		Plate & Frame Press, 6O	8
<b>Advanced Waste Treatment / Tertiary Treatment (Maximum 20 points)</b>		Vacuum Filters, 6P	8
Polishing pond, 4A	2	All other dewatering units, 6J	5
Microscreens, 4B	3	Land Application, 6K	5
Intermittent sand filter, 4C	3	Composting:	
Rapid sand filter, 4D	5	In vessel, 6L	10
Activated carbon columns or beds, 4E	5	Static Pile, 6M	5
Reverse osmosis, electrodialysis, ion exchange, 4F	5	Solids Reduction (incineration, wet oxidation), 6N	15
Nitrification required by permit (Ammonia, TKN, or UOD limit):		<b>Solids Handling/Disposal Subtotal<sub>6</sub></b>	
by Activated Sludge, 4G	8	<b>Miscellaneous</b>	
Nitrification by other process, 4H	5	Nutrient addition (nitrogen and/or phosphorus), 7A	3
Denitrification required by permit (Nitrate or Total Nitrogen limit):		Carbon Regeneration (onsite), 7B	10
Nitrification by Activated Sludge and Denitrification, 4I	13	<b>Miscellaneous Subtotal<sub>7</sub></b>	
Nitrification by other process and Denitrification, 4J	10	<b>Total Score (add subtotals 1 thru 7 plus Flow Points)</b>	