

**STATE OF NEW JERSEY**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Division of Water Quality**

**DOMESTIC WASTEWATER TREATMENT SYSTEM - LICENSED OPERATOR GRADING SHEET**

NJPDES PERMIT NO.: \_\_\_\_\_ FACILITY NAME: \_\_\_\_\_

LOCATION of FACILITY: \_\_\_\_\_

FACILITY CLASS:	S1	S2	S3	S4
RANGE OF POINTS:	30 or less	31 to 55	56 to 75	76 and greater

POINTS ARE ASSIGNED TO EACH ITEM  
LISTED BELOW THAT APPLIES TO THE  
**DOMESTIC TREATMENT SYSTEM**

POINTS  
RATING | ACTUAL

**A. DESIGN FLOW**

2 pts per MGD or part thereof, 20 max., multiply  
MGD by 2

MGD X 2 |

**B. EFFLUENT DISCHARGE**

Surface water discharge	2	
Land disposal—evaporation	2	
Subsurface disposal	4	
Direct recycle and reuse system	6	

**C. VARIATIONS IN RAW WASTE**

*The key concept is frequency and/or intensity of deviation or excessive variation from normal or typical fluctuations; such deviation can be in terms of strength, toxicity, shock loads, inflow/infiltration etc. Point values are as follows:*

Variations do not exceed those normally or typically expected	0	
Recurring deviations or excessive variations of 100% to 200% in strength and/or flow	3	
Recurring deviations or excessive variations of more than 200% in strength and/or flow	6	
Raw wastes subject to toxic waste discharges which affect plant performance	10	

**D. PRETREATMENT**

Screening, comminution, grinder	3	
Grit removal	3	
Plant pumping of main flow	3	
Equalization	3	

**E. PRIMARY TREATMENT**

Primary clarifiers	5	
Combined sedimentation/digestion	5	
Chemical addition (except chlorination, enzymes, etc.)	4	

**F. SECONDARY TREATMENT**

Trickling filter or rotating biological contactor with secondary clarifiers	10	
Activated sludge with secondary clarifiers (including extended aeration & oxidation ditches)	20	
Stabilization ponds without aeration	6	
Aeration lagoon	10	

Subtotal \_\_\_\_\_

POINTS ARE ASSIGNED TO EACH ITEM  
LISTED BELOW THAT APPLIES TO THE  
**DOMESTIC TREATMENT SYSTEM**

POINTS  
RATING | ACTUAL

**G. ADVANCED WASTEWATER TREATMENT**

Polishing pond	4	
Chemical/physical without secondary treatment	18	
Chemical/physical following secondary treatment	12	
Biological or chemical/biological	14	
Ion exchange	12	
Reverse osmosis electrodialysis	16	
Chemical recovery, carbon regeneration	6	
Sand filters	5	

**H. SOLIDS HANDLING**

Thickening	6	
Anaerobic digestion/aerated holding tank	12	
Aerobic digestion	8	
Evaporation sludge drying	2	
Mechanical dewatering	10	
Solids reduction (incineration, wet oxidation)	14	
Composting	5	

**I. DISINFECTION**

Chlorination or comparable treatment	6	
On site generation of disinfectant	6	

Subtotal \_\_\_\_\_

Grand total \_\_\_\_\_

I hereby certify the treatment units, as noted above, compromise the entire treatment process for the above referenced facility, and subsequently the operator licensing requirement has been accurately determined.

\_\_\_\_\_  
Typed Name of Certifying Engineer

\_\_\_\_\_  
Signature and Date

Professional Engineer's

Embossed Seal