Permit Number AR0044016 Points 62 Class III

Package plants and SBRs will be classified on the basis of each individual component.

Reg.3.502 Classification of Municipal Wastewater Treatment Plants

Class I: 1 - 25 point (**OR** individual, single-dwelling houses that treat domestic sewage only)

Class II: 26 - 49 points. Class III: 50 - 74 points. Class IV: 75 or more points

Other:

Land application of effluent with no direct discharge

Class III: 50 - 74 points. Class IV: 75 or more points.	
(B) Classification Factor Rating Points Eq. population served (1 pt./ 2000) = (Flow in MGD x Influent BOD x 8.34)/(0.17 x 2000) [40 pts. max.]	
MGD = 0.090 BOD = 250 $\rightarrow 0.55$	→ 1
Population Served • 0.00	→ 0
Collection systems:	
Lift station, one or more	5 x
Vacuum collection system	10
Preliminary Treatment:	_
Screens / Bars	2 x
Comminutor	3
Grit removal	5
Clarification:	. 🗖
Primary settling and sludge removal	4
Secondary settling and sludge removal	6 x
Lagoon/Pond/Natural Systems: Stabilization/Holding pond(s)	10
Aerated lagoon(s)/Natural systems	12
Fixed Film Systems (RBCs, trickling filters)	12
Suspended Growth Systems:	12
Activated sludge: Mechanical aeration / Diffused air	20 x
Pure oxygen	25
Neutralization	5
Tertiary Treatment:	
Chemical treatment	20
Filtration	15 x
Nutrient removal	20
Disinfection:	_
Chlorine	5
Ozone	7
Ultraviolet Light (UVL)	5 x
De-chlorination	5
Sludge Treatment:	6
Thickening or dewatering Aerobic digester	6
Anaerobic digester(s)	20
Drying bed	4 x
Chemical conditioning	10
Vacuum / coil filter(s) / centrifuge / composting	8
Sludge heating	5
DAF unit(s)	10
Sludge lagoon(s)	6
Sludge disposal:	_
Land application	4 x