SSP ECO FLOW PRIVATE LIMITED

Sewage Treatment Plant | Effluent Treatment Plant

Active Bio Oxygen STP/ETP

NO AERATION

NO BIOLOGICAL TREATMENT

NO SLUGE HANDLING COST

NO NEED MORE SPACE

SSP Eco Flow
Private Limited

33/113, First Floor, Kamarajar Salai,
Raja Annamalaipuram, Chennai, TamilNadu, India - 600028.

sspecoflow.pvtltdco@gmail.com

+91 74483 74943

Srinivasan S
Director
+91 78240 23395

Pavithra Sri Narayanan S
Director
+91 99529 03395

COMPARATIVE ANALYSIS of MBBR Vs SSP ECO FLOW PRIVATE LIMITED - STP/ETP

EQUIPMENT/CIVIL TANKS/MAINTENANCE POINTS	MBBR STP	SSP ECO FLOW PRIVATE LIMITED - STP/ETP
Bar Screen + Chamber	REQUIRED	REQUIRED
Grit Chamber / O&G Trop + chambers	AS PER NEED	AS PER NEED
O&G Tank	REQUIRED	**NIL**
Equalization Tank	REQUIRED	**NIL**
Raw Sewage storage tank	REQUIRED	REQUIRED
Aeration Tank 1	REQUIRED	**NIL**
Aeration Tank 2	REQUIRED	**NIL**
Flocculation tank	REQUIRED	**NIL**
Tube settler tank	REQUIRED	**NIL**
Chlorine contact tank	REQUIRED	**NIL**
kelvin Bio3 Contact tank	-	REQUIRED
Pumps (Transfer + Filter + feed)	REQUIRED	REQUIRED
kelvin Bio3 recirculation pump	-	REQUIRED
Filter-Feed tank	REQUIRED	REQUIRED
Filtration system (MGF + ACF)	REQUIRED	REQUIRED
UF System	REQUIRED	**NIL**
kelvin Bio3 generator and accessories	-	REQUIRED
Treated water storage tank	AS PER NEED	AS PER NEED
MBBR Media	REQUIRED	**NIL**
Biological treatment cost	REQUIRED	**NIL**
Tube settler media	REQUIRED	**NIL**
Aeration Blower(s)	REQUIRED	**NIL**
NaOCl	REQUIRED	**NIL**
Electrical Control panel	REQUIRED	REQUIRED
Total power consumption	**VERY HIGH**	**AVG. 60% LOWER**
Sludge recirculating pump	REQUIRED	**NIL**
Sludge pump	REQUIRED	**NIL**
Sludge bed	REQUIRED	**NIL**
Yearly maintenance cost of sludge-handling	REQUIRED	**NIL**
Total space required	**MUCH LARGE SPACE**	**AVG. 65% LOWER**
Plant Operator	REQUIRED HIGH SKILL	REQUIRED LOW SKILL
Operation hassles	REQUIRED	**NIL**
Pipes & plumbing fittings	REQUIRED	REQUIRED
Erection & Commissioning	REQUIRED	REQUIRED
Miscellaneous	REQUIRED	REQUIRED
Treated water quality	**FLUCTATES WITH TIME**	**CONSISTENT FORMALLY GUARANTEED OUTPUT PARAMETER WITH FULL RE-USABILITY**
Scope of handling excess load and raw water volume	**IMPOSSIBLE**	**EXTENDABLE**
Profit-margins for system integrators / solution providers	Very Competitive	**Excellent profit margins for solution providers / system integrators as customer RoI is fast, captial cost for making the STP is lower.**