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Mobile-Biosam

MOBILE WASTEWATER TREATMENT PLANTS

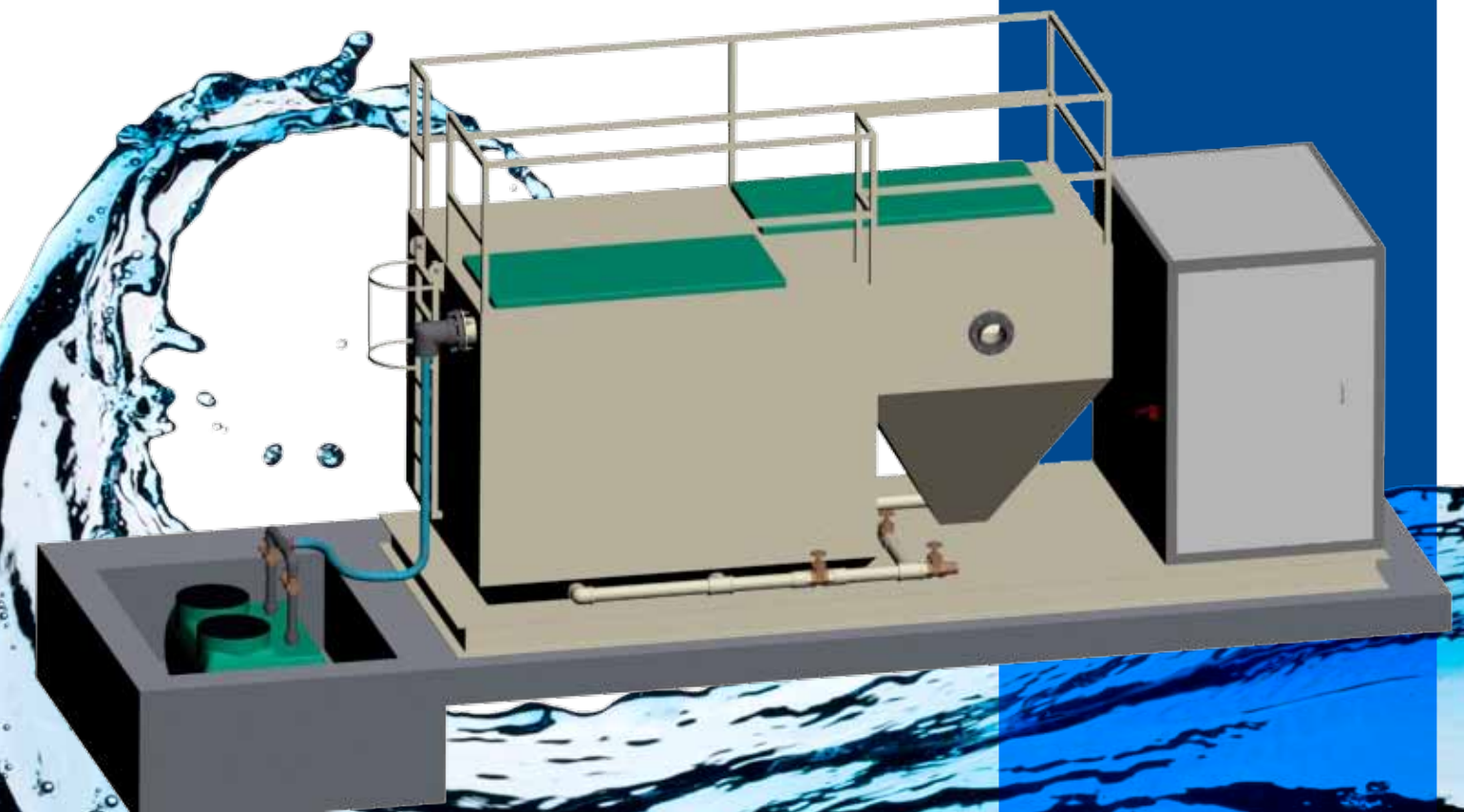
The Mobile Biosam is specifically designed for temporary sites which would require frequent mobilization from one site to another. The plant works on the well-proven submerged aerated filter process, and is readily packaged for quick installation, ease of mobility and minimal operator intervention.

Applications:

- Fixed and temporary camps
- Construction, drilling and exploration camps
- Remote locations
- Army camps

Specifications:

- Manufactured in high grade steel, specially coated to withstand specific applications.
- Skid mounted packaged solution, easy to install and operate
- No civil works required
- No odours
- Complete with control room
- Ideal for frequent mobilisation



All plants are inclusive of a duty air blower, ladders, handrailing, insulated lockable control room, lightweight GRP manholes, special epoxy coating, & control panel

Optional Add-ons

- Inlet pumping station
- Tertiary filtration
- Disinfection
- Standby air blowers operation



Model	MB-30	MB-50	MB-75	MB-100	MB-125	MB-150	MB-200	MB-250
Population Equivalent	30	50	75	100	125	150	200	250
Daily Flow m3/day	3.6	6	9	12	15	18	24	30
Daily BOD kg/day	1.8	3	4.5	6	7.5	9	12	15
Peak flow m3/h	1.8	2.25	2.25	2.25	2.81	3.38	4.5	5.63
Length (m)	3.6	4.2	5.1	5.9	6.8	7.8	9.7	11.9
Width (m)	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Height (m)	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26

Standard effluent quality BOD:SS 20:30mg/l or better

Tertiary filtration - available upon request BOD:SS 10:10mg/l or better

- **Larger models are available and custom designed to specifications required**
- Skids are equipped with ISO certified lifting lugs and fork lifter pockets for ease of mobilisation
- All models are designed to fit in ISO containers for shipping purposes



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