

SEWAGE TREATMENT PLANT



SMBT Sewage Treatment Plant Flow Diagram

The flow diagram illustrates the process from sewage collection to treated water discharge. It includes stages such as Aeration Tank 1, Aeration Tank 2, and various filtration units. A legend table provides detailed specifications for each piece of equipment.

Legend				
Sl. No.	Name of Equipment	Operation Purpose	Capacity	Unit
1	Collection Tank	Equalizer Tank	388800	liter
2	Aeration Tank 1	Aerobic Treatment	75302	liter
3	Aeration Tank 2	Aerobic Treatment	75302	liter
4	Subsettler 1	Sludge Settles	26200	liter
5	Subsettler 2	Sludge Settles	26202	liter
6	Filter-Feed Tank	Filter water	58332	liter
7	Disinfection Tank	Disinfection	100	liter
8	Sand Filter	Filtration	5.32	m ³
9	Activated Carbon Filter	Filtration	5.32	m ³
10	Final treated water Tank	Treated water	54000	liter
11	Sewage Transfer Pump	Sewage Transfer	2.5	HP
12	Air Blower	Aerobic Treatment	22.0	HP
13	Sludge Pump & Pump	Sludge Recycle	1.0	HP
14	Filter Feed Pump			
15	Final Treated water			



Google

Nashik Division, Maharashtra, India
 QQ57+8XX, Ghoti Kh, Maharashtra 422403,
 India

Long 73.764802°

Lat 19.758485°

28/12/2022 10:40 AM

GPS Map Camera

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