

Richa Environmental Services Private Limited

Troubleshooting of Sewage Treatment Plants

Troubleshooting of Wastewater / Effluent Treatment Plants by experts

Bacteria Levels Troubleshooting at Wastewater Treatment Plants

Most common issues faced by clients from STP (Sewage Treatment Plants) or Effluent Treatment Plants (ETP) Sewage treatment Plants (STP) Troubles and shortcomings

❖ Equalization Tank

1. Smell comes from Equalization Tank
2. No homogeneous mixing in Collection tank
3. No proper arrangement for coarse bubbles in Equalization tank

❖ Aeration Chamber / Reactor

1. Inappropriate Design of Aeration Chamber
2. No BOD reduction in Reactor
3. Dead zones are being created in Reactor
4. Media is not supporting bacterial growth
5. Fine bubble diffusers are of inadequate air supply
6. No arrangement for fine bubble diffusers

❖ Tube settler

1. Tube settler not separating sludge
2. Under capacity of Tube settler
3. No mechanism for recycle in Collection tank

Understand the effects of inflow and infiltration

If your plant is facing above mentioned snags or any other faults, then feel free to contact

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Richa Environmental Services Pvt Ltd

Vast experience

Full proof solution

Cost effective Within budget solution provider

Unmatched skills and expertise

Solutions include

Can you control influent from your lift stations?

Seasonal conditions

Maintain optimal solids

Keep your weirs clean

Optimize chlorination

Maintain the chlorine contact chamber

Detention time

Sequencing batch reactors or batch discharge

Sample properly and calculate averages correctly