

30 MLD STP Pankha Inspection Report

Inspection report of 30 MLD STP Pankha for ongoing construction and O&M works

Date of site visit	15/12/2023
Visit Team & Persons met	Mr. Anil Kumar Seth–Team Leader (I/C), STC Kanpur Mr. Indra Deo Pandey, Support Engineer, STC Kanpur Mr. Dushyant Tomar – O&M,KRMPL, Kanpur Mr. Murli manohar Tiwari , Civil ,KRMPL kanpur
Location	30 MLD STP Pankha

Following are the observations:

30 MLD STP Pankha

1. **Screw conveyor no 2**- was not functional.
2. **Organic pump no2** not working & reported giving undue noise since 19/11/23.
3. **Mechanical Screen**
 - a) Canopy works are pending..
 - b) 3 nos teeth are damaged in one screen. Need immediate attention.
4. **Manual Screen** chamber was filled with silt.
5. **RCC structure of RAS & SAS** painting was not done on column.
6. **SBR** SBR no 4 was not functional as there is problem in electric panel since 11/11/23. There is no SCADA Support for SBR no 4
7. **Toe guard** there are certain places around SBR where toe guard could not be installed.
8. **Centrifuge decanter no 3** need to be checked. Giving undue noise. According to record it is least used.
9. **Supernatant sump agitator** oil seal needs attention.
10. In administration building one tube light was hanging on entry steps.
11. Exposed reinforcement on SBR should be covered.
12. Final finishing coat of road is pending and road kerb along the road is pending, 15 nos Drain pit construction pending, final ground dressing not properly level, horticulture and dressing insufficient and etc as miscellaneous item.
13. Preventive maintenance is unsatisfactory.
14. There was power cut at STP Pankha from 11/12/23 to 14/12/23. However there is power problem due to fault in KESCo line which KESCo is attending on 15/12/23.
15. Chlorine record should be maintained properly.
16. As plant was closed due to no availability of power, bioman is disturbed.

Sundar Nagar

1. Panel no 2(6F) for pump no 2 is giving trouble which was showing over voltage & heats up.
2. Mechanical screen was sticking due to garbage. Need regular maintenance cleaning regularly.
3. Pressure gauges & switches installed but still to be functional as connection has to be done.
4. Final finishing coat of road pending and road kerb along the road pending.
5. Exhaust fans are loose.
6. Over flow was observed due to fault at Pankha STP
7. Preventive maintenance was very poor.

ICI Nala

1. Pump no 2 Tripping problem from panel was observed.
2. Pump no 5 it is in maintenance for more than 11 months.
3. Flow meter chamber was filled with water as no canopy was made.
4. Isolation valve 800 mm dia isolation valve is still to be fixed.
5. Inlet gate valve was not operational.
6. Hand rail needs to be fixed in panel room.
7. Problem of water supply for overhead tank of admin building has yet not been resolved.
8. DG set Diesel level was showing low level and no balance.
9. Hand rail painting is pending.
10. Final finishing coat of road pending and road kerb along the road pending.
11. Soak pits are not made.
12. Overflow was observed due to fault at Pankha STP.
13. Preventive Maintenance was very poor.

Outside work.

1. Road to be made Gangaganj tiraha to PM awas yojana.
2. 4 ATM crossing to Gangaganj tiraha road had been made but quality need to be checked which could not be done as no staff was present.
3. Road patch work is still pending.
4. Trenchless work of sewer network laying at Thermal nalla railway crossing is 10 % balance and At BMC hospital 90 M laying pending.