

## Joint Inspection of Unnao 15 MLD STP dated 25.11.24 with EE UPJN, PE (STC) & KRMPL

- It was instructed by EE UPJN(R) Unnao to prepare fresh drawing showing-
  - a) Line cleaning and checking done & found ok
  - b) Line cleaning and checking to be done
  - c) Line to be laid.



- MH 38 was found to be dislocated and it was submerged under stagnated water in pond.



It was instructed to dewater the pond and rectify the MH 38 along with settled pipes on both the sides.

- The work of laying new pipeline (1200 mm dia NP3 RCC pipe) could not be started because of the following reasons-
  - a) Dewatering of the pond on the pipeline route.

- b) The vendor has not deployed the manpower. It was advice to arrange an alternative vendor.



- KRMPL was instructed to submit work plan of new pipe line lying.
- KRMPL was instructed to submit work plan for Cleaning & checking of laid and to be laid pipes.
- Extension of time with a work plan and bar chart support.
- Retaining wall & boundary wall were found damaged on one side. Need to be reconstructed.
- MH 17 was inspected and found full with sand 600 mm, it was instructed to conduct a joint inspection with UPJN urban as layed pipe by urban has been jointed here



- During the inspection, the position inside of various manholes were informed.

MH number	Status
1 to 16	Cleaning done, checking pending
16-17	Cleaning done, during checking silt found 600 mm
17-19	Cleaning done, during checking silt found 600 mm

19-110	Cleaned
110-21A	Cleaned
21A-21	Cleaning done, checking pending
21-22	Cleaning done, checking pending
22-111	Cleaning done, checking pending
111-23	Cleaning done, checking pending
23-112	Cleaning done, checking pending
112-24	Cleaning done, checking pending
24-25	Cleaning done, checking pending
25-113	Cleaning done, checking pending
113-26	Cleaning done, checking pending
26-27	Cleaning done, checking pending
27-28	Cleaning done, checking pending
28-29	Cleaning done, checking pending
29-30	Cleaning done, checking pending
30-31	Cleaning done, checking pending
31-116	Silt Cleaning pending
116-33	Cleaning done, checking pending
33-34	Cleaning done, checking pending
34-35A	Cleaning done, checking pending
35A-35	Silt cleaning pending
35-36	Silt cleaning pending
36-37	Silt cleaning pending
37-38	Silt cleaning pending
38	Damaged
38-39	Silt cleaning pending

- Balance of plant PLC connection work was in progress. Main hindrance is commissioning of chlorinating plant and one sensor is defective.
- **SBR 2** no decanter was in manually mode, required rectification
- Trench covers from Checker plates which are available at site should be installed
- Expedite the OEM team for commissioning of chlorination plant. Which has been long pending.



- Both organic pump were non operational. Similarly both Screw conveyors were also non operational since long.
- Commissioning of DG set is pending which needs walk way all around foundation which has not been made since long.
- Flow meters are to be calibrated properly. Discharge readings of inflow are less than outflow.



- Earthing, Road Outside lighting poles installation, Site development, Wall making, painting etc all are pending.
- During the inspection it was found that chlorine dosing was not being done.
- One Centrifuge machine is non operational.
- Flow meter readings are defective .outlet flow more and inlet less.
- OCEMS / RTOLMS pending.
- Level sensor Problem in SBR 1
- Thickner torques switch is not working.
- Eye wash not installed at chlorination.
- Sludge dewatering is ineffective without tractor trolley support for centrifuge units.

- Painting and Installation of hand railing at PTU pending.
- It was advised to make sludge management system properly and remove scrap materials from sludge storage platform.
- Following materials are short supplied for commissioning of chlorination plant.
  - Pad heater
  - Pressure switch
  - CLD sensor.