

Joint Inspection Report of 05 MLD STP Shuklaganj 19.06.25

1. Specific Points related to the site inspection

- i. Total of manpower/workers were deployed at the site as reported by KRMPL:

SN	Particular	No. of workers
i.	Skilled	21
ii.	Unskilled	30
	Total	51

- ii. Despite directions given during several NMCG meetings, manpower has not been increased by KRMPL. There is acute shortage of manpower at the Shuklaganj STP since long time.
- iii. During visit, progress of different STP components was checked as per the approved construction plan and it was found that progress of 05 MLD STP is very slow. Total progress was found 80.50%.
- iv. Substandard Bricks are used by KRMPL at site.

2. Report of various unit-

A. I&D Structure-

- i. Work of I&D structure is in progress. The casting of the all lift of the wall was done without informing UPJN and STC.
- ii. In Approach channel, inlet channel and screen channel finishing and hydro test is pending.
- iii. During Site visit we found minor cracks are visible due to lack of curing.
- iv. Manual Screen's , Hand Rails are installed.



B MPS- 1)At inlet chamber step arrangement and proper foot rest have been provided.

2) Column up-to 2.5 meter, beam work is completed.

3) Roof slab work is still pending. KRMPL needs to do hydro testing with clear water as per CEPHEEO MANUAL and IS code3370 in presence of UPJN & STC.

4) Painting work is pending. It was advised to clean the open steel bar and coat with cement slurry.

5) 4 nos pumps,1 nos monorail,50 mtr DI pipe & valves & 2 nos Coarse screen are pending for **Mechanical works**

6) 1nos Coarse Screen panel, 4nos LPBS, Cable laying & termination & Water quality analyzer are pending for **Electrical works**.



C PTU- 1) Most of Steel found corroded. PTU, Column work completed and slab. shuttering and reinforcement work is in progress.

2) In Inlet chamber area finishing work, hydro test is pending. In Grit chamber and parshall flume RCC wall & slab, walk way are in progress.

3) Hydro test is pending. Platform are in progress. PTU to SBR connecting channel is pending.

4) Connecting channel columns are completed.

5) 6 nos Sluice gate, 2 nos fine screen & 2 nos grid scrapper are pending for

Mechanical works.

6) 1 nos fine screen panel, 8 Nos LPBS, Cable laying & termination & ULT are pending for **Electrical works.**



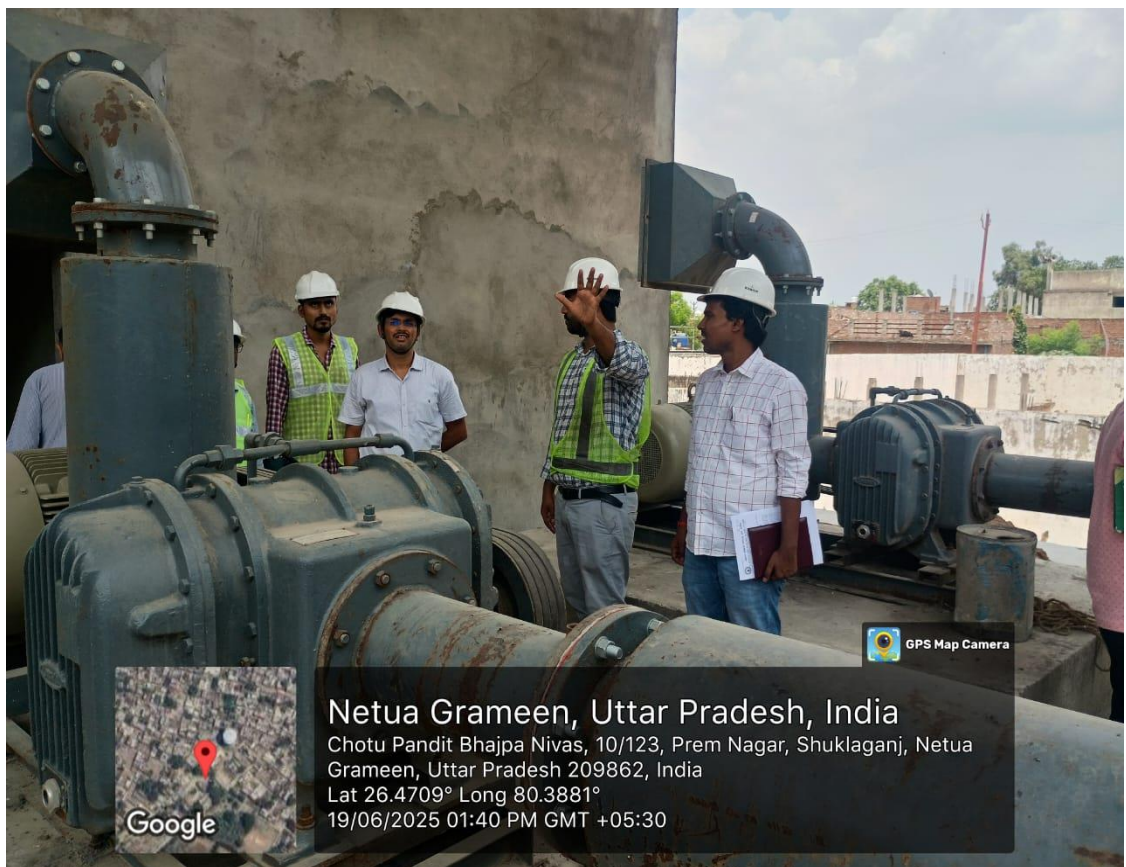
- B. SBR-** 1) In SBR connecting channel, supporting column, RAS & SAS pump platform column, finishing & hydro test are pending.
- C.** SBR Staircase second lift is pending. Decantor foundation for 1st basin is completed , cleaning work is done & Epoxy coating is started. For 2nd Basin Decantor foundation is pending. Cleaning is in progress.
- 1) 4 Nos RAS & SAS pumps, 2 Nos Decantors & 3 Nos Diffuser are pending **for Mechanical works.**
 - 2) 4 Nos RAS & SAS Panel, 2 Nos LPBS, Cable & Termination & DO meter are pending for **Electrical works.**



Admin building cum Blower room- In admin building room first floor and second floor slab work completed, brick work is completed plaster works 90% completed. IPS flooring, electrification, sanitary fitting & plumbing are pending. In blower room roof slab is completed. Brick work, IPS flooring, roof treatment & finishing works are pending.



Blower Room



D. Staff quarter- Electric work, plumbing, sanitary fittings work is in progress, Floor roof treatment, drainage, finishing and painting works are pending.

1) Internal Lighting work is pending. Door- windows installation is pending.



- E. Guard Room-** Electric work, plumbing, sanitary fittings, floor, roof treatment, drainage, finishing and painting works are pending.
- F. Transformer & DG Yard-** Staircase is completed, finishing, approach and painting works are pending.
- G. CCT & Chlorination building** - In CCT outlet channel work, finishing of outlet chamber, grinding, finishing and painting works are completed. In building foundation of tonner is completed, Electric work is in progress., plumbing, floor, finishing and painting works are pending. Putty work on progress. Booster pump and fitting pump can be install. EE UPJN advice for better housekeeping.
- 1) Ultrasonic flow meter is pending. 1 Nos Chlorine panel Cable & Termination are pending For **Electrical works**
 - 2) Chlorine Neutralization Tank, Chlorination system for **Mechanical works.**
 - 3) Epoxy coating is done.



- H. Sludge Thickner & Supernatant Pump-** finishing, painting are pending. Hydro test is done. Scrapper in thickener and pump in supernatant can be install as there is no

hindrance. Epoxy coating is done.

1) DI pipe & fittings are pending for **Mechanical works**.

2) Cable & termination are pending for Electrical works.



I. Centrifuge Building- First and second floor slab work are completed. Column and beam works are completed.

1) 1 lift stair case are pending , Brick work is in progress.

2) Centrifuge, Feed pump, Agitators or Piping & valve are pending for Mechanical works.

3) 2 nos Centrifuge panel, 7 Nos LPBS & Cable & termination works are pending for Electrical works.



J. Boundary wall- 95% work of boundary wall completed. Plaster work of boundary wall is in progress.

1) 30 meter Boundary wall works are pending.

K. Manhole

During inspection it was found that the manhole work was completed. They were constructed time to time without information to UPJN & STC and. And therefore quality cannot be assured.

L. There is 15 meter laying completed out of 50 meter work progress in Rising Main, Effluent disposal system work is completed, sludge storage platform works are in pending.

M. During inspection UPJN & STC instructed KRMPL to cover the all excavated area places with proper safety signals.

N. HT panel & metering room- Plinth beam work completed. Column, brick work and slab works are completed.

Pending Materials

Mechanical

1. Fine screen for PTU
2. 40 mm - 400 mm valves 35 nos

Electrical

3. LT Panel
4. APFC Panel