

## Joint Site Inspection Report of 5 MLD Shuklaganj

Date of Inspection	14/03/2024
STP Site inspection Team	Mr. Anil Kumar Seth- Team Leader Mr. Subhash A.E. UPJN Mr. Ankur Saxena J.E. UPJN Mr. Indra Deo Pandey- Support Engineer
KRMPL Personal	Mr. Rajpal Singh Gill Construction Manager

### 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	5
ii.	Unskilled	10
	<b>Total</b>	<b>15</b>

- 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. During inspection NO manpower was found on the site and work was found totally stopped.
- 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 77%.
- iv. Till date only 6 milestones out of total 8 have been completed.

### 2. During visits, some issues in construction and quality works of Different units were observed by STC which are as following:

- i. **I&D Structure-** Work of I&D structure is in progress. Reinforcement work of wall

in progress for third lift. The casting of the all lift of the wall was done without informing UPJN and STC. In Approach channel, inlet channel and screen channel finishing and hydro test is pending. KRMPL not follow the approved design drawing. They are using other steel dia bar in all over structure. KRMPL has not used proper Clear cover exactly æper design. Due to use of wide range of cover blocks casting of wall by the Concessionaire is not proper.



- ii. **MPS-** At inlet chamber step arrangement and proper footrest have not been provided. Column, beam and slab work is still pending. KRMPL needs to do hydro testing with clear water as per CEPHEEO MANUAL and IS code 3370 in presence of UPJN & STC, before grinding and tar coal epoxy work.



- iii. **PTU-** Most of Steel is corroded. PTU, Column work completed and slab shuttering and reinforcement work is pending. In Inlet chamber area finishing work, hydro test is pending. In Grit chamber and parshall flume RCC wall, walk way, platform and hydro test pending.



- iv. **SBR-** In SBR connecting channel, walkway platform, RAS and WAS pump column, Decanter foundation, finishing and hydro test are pending.



- v. **Admin building cum blower Room-** In admin Building first floor and second floor slab work, beam and column work is pending. In blower room roof slab and brick works are pending.



- vi. **Staff quarter-** Electric work, plumbing, sanitary fitting, floor, finishing and painting works are pending.





**vii. Guard Room-** Electric work, plumbing, sanitary fitting, floor, finishing and painting works are pending.



**viii. Transformer & DG Yard-** Staircase, finishing, approach and painting works are pending.



- ix. Chlorination building and CCT- In CCT outlet channel work, finishing of outlet chamber, grinding, finishing and painting works are pending. In building foundation of tonner, Electric work, plumbing, floor, finishing and painting works are pending. Booster pump and fitting pump can be install.





- x. **Sludge thickener and Supernatant sump-** Finishing, painting and hydro testing are pending. Scraper in thickener and pump in supernatant can be install as there is no hindrance.



- xi. **Centrifuge building-** First and second floor slab work, column and beam works are pending.





- xii. Boundary wall- 55% work of boundary wall completed.**
- xiii.** There is no any progress in Work of Manhole, Rising Main Effluent disposal system and HT panel & metering room.
- xiv.** Hand Railing works are in progress in different unit.
- xv.** Manhole work has started without information to UPJN & STC. Quality of brick is not good.
- xvi.** During the inspection AE UPJN instructed cover the all excavated manhole places with proper safety signals.

### **3. Pending Supply**

- Mechanical Screen one for PTU and one for MPS
- Manual Screen.