

## **15MLD STP UNNAO SITE INSPECTION REPORT**

Inspection note of 15 MLD STP Unnao STP construction site and facilities by Mr. Anil Kumar Seth, PE, TL (I/C) and KRMPL Representative as given below:-

<b>Date of site visit</b>	<b>06/02/2024</b>
<b>Visit Team &amp; Persons met</b>	Mr. Anil Kumar Seth – Team Leader (I/C), STC Kanpur  Mr. Indra Deo Pandey, Support Engineer, STC Kanpur  Mr. Tony – Civil engineer Mr. Deepak Tiwari – Supervisor Mech., KRMPL Kanpur Mr. Gulshan Kumar – Safety Engg. KRMPL Kanpur Mr. Deepak Rai – Civil Engg KRMPL
<b>LOCATION</b>	<b>STP 15MLD STP Unnao</b>

On 06/02/2024 inspection was done for Unnao 15 MLD STP. Following are the salient point.

### **1. Rising Main**

- Chamber construction for valve still pending.
- Work of rectification in the originally envisaged sewage diversion line is in progress but it is very slow.
- About 460 M 1200 mm dia RCC pipe is to be relaid but only 50 M pipe is available balance to be arranged
- About 700 m line desilting and cleaning is pending. Work not started yet. Completion date is 15/02/24 as per ED(P) NMCG meeting dated 27/12/23.



## 2. MPS

- Out of four nos pumps, all are in working condition. Pressure gauge not found working during inspection.
- Coarse screen and belt found in running condition.



## 3. Generator Yard

- Walk way to be made all around the generator to ease maintenance.
- Ladder to be provided to reach up to the platform.





#### 4. Transformer Yard.

- Suitable Aggregate be laid on the floor of transformer yard.
- Danger plate and sand buckets be placed.



#### 5. Lighting Arrester

No lighting arrester was done on the top of the building.

#### 6. SBR

- Toe guard are to be installed which could not be done due to want of material.
- Checkered plates steps are made at few places left.
- Painting of hand railing and pipes are pending.
- SBR no 2 was under maintenance for last 2-3 days but in the log book it is shown operative.
- Mechanical fine screen no 2 at PTU and screw conveyor no 1 are under maintenance



## **7. PLC ROOM**

- PLC panels were installed but cable termination was in progress.
- Commissioning is pending.
- AC to be installed.
- Automation work of SBR done but for balance plant is pending.

## **8. Staff quarter**

- 2 number of ceiling fans are to be installed.
- 2 numbers of switches are to be installed.

## **9. Panel Room**

- Cable trench to be covered with checkered plate completely.
- Electrical resistance sheet are to be laid and fire extinguisher are to be installed.

## **10. Others**

- Road and approach road are pending in all units.
- Site development and miscellaneous work is pending.
- Horticulture is pending.
- Boundary wall work is pending.
- Earth pits and pit cover are pending.
- External poles for lighting are pending.
- Main entry gate to be made.
- Drainage work is pending.
- Commissioning of the all installed instrument is pending.
- Adequate manpower has not been deployed.
- Painting of some units are still pending like SBR, thickener etc.
- Leakage detection and neutralization system to be commissioned.
- Blowers are running but to be tested in presences of OEM.
- In PTU inlet analyzer to be installed.
- 3 nos centrifuge unit to be commissioned.
- Log book are not properly filled.
- Plant In charge and Lab chemist was not available at site.
- Inlet flow meter reading is less than outlet flow meter reading in log book.
- EOT installed in chlorination building having some problem. Need to be attended.

