

## 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>08/11/2023</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. Shrikant Bera–Supervisor Electrical,KRMPLKanpur Mr. Deepak Tiwari– Supervisor Mech. , KRMPL Kanpur Mr. Gulshan Kumar–Safety Engg. KRMPL Kanpur Mr. S.P Tony-Civil Engg KRMPL
<b>LOCATION</b>	<b>STP 15MLD STP Unnao</b>

On 08/11/2023 inspection was done for Unnao 15 MLD STP. Following are the salient point.

### **1. Temporary work for receiving sewage from City Jail Naala to inlet Chamber of MPS**

- The work of pipe laying for Sewer line from City Jail Naala to Inlet chamber of MPS was completed and sewer was taken 07/11/23. KRMPL has informed that sewer will be by passed and within 2-3 days raw sewage will be taken in system.
- To ensure support of vertical pipe to STP the work was in progress and is accepted by tomorrow.
- In the bypass line pressure pipe was cleaned but it was informed that due to silt the gravity line is choked and therefore KRMPL will take help of the mud pump.
- No work is being done for cleaning of the mail line.



## 2. MPS

- Out of for pumps, three were in working condition and one was dismantled and was kept outside for checking and repair. Impeller was reported to be chocked.
- 70 watt, 7 no's led post type light was installed. Fur more are to be installed for proper lighting as informed by KRMPL.



## 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.



#### 7. PLC ROOM

- PLC panels were installed but cable terminations are to be done.
- Commissioning is pending.
- AC to be installed.

#### **8. Staff quarter**

- 2 number of ceiling fans are to be installed.
- 2 number 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.
- After sewer reaches working of the various shall be checked after the operation of the plant.