



PROJECT ENGINEER *for*

National Mission for Clean Ganga- Development, Rehabilitation with
Operation & Maintenance of STPs at Kanpur under Hybrid Annuity based PPP mode

Shah Technical Consultants Private Limited

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Ref. STC / PE / KNP / 1677/ Jajmau

Date 27/06/2022

To,
Superintending Engineer
Construction circle
Uttar Pradesh Jal Nigam
(Rural) Kanpur, UP.
Email: seupjknkp@gmail.com

Sub: HAM KANPUR: Inspection report of Structure Expert at Jajmau 130 MLD STP Phase 1 facilities.

Dear Sir,

With reference to the above said subject, Mr. Preetam Walunjkar STC. Structural expert inspected the Jajmau 130 MLD STP Phase -1 facilities renovation site on 23/06/2022. Inspection details are given below.

1. SITE VISIT REPORT

Date of site visit	23/06/2022
STC Site Visitors	Mr. Preetam Walunjkar (Sr. Structural Engineer: STC) Mr. Anuj Kushwaha (Support Engineer: STC)
Persons met	Mr. Debashish (Site Engg KRMPL)

1.0 Overview On the Jajmau 130 MLD STP Site

STC Structural expert & Support Engineer visited Jajmau Site dated on 23 June. 2022. They had visited various strengthened structures as PTU, Primary sedimentation tank, Final Sedimentation Tank, Existing Centrifuge Building, Gas Holder etc. Not as single labour found on the Site for Structural Strengthening except the one Site Engineer

2.0 General Observations on Jajmau STP Site Visits:

- **PTU:** PTU Covered shed found corroded, Column strut lost its strength & scaling of Steel & cracking of oil paint started. On previous Site visit to Jajmau, Structural Engg proposed to dismantle the Shed & reconstruct with new one but still KRMPL using same shed. PTU's Screening Unit Structural Strengthening partially completed in first phase. Platform strengthening work and FRP coating of handrails are still pending.



PTU Shed Corroded



PTU Strengthening work Completed



Existing Centrifuge Building & Gas Holder Unit 1 & 2 (Bottom repairing work of gas holder 01, inside wall and bottom repairing work of gas holder unit 2 is still pending)



Final Sedimentation Tank no. 1 (Gap clearance between scraper and raft not found as per approved KRMPL, It should be as per maintained as per approved drawing after that hydro test of civil structure is also pending.)

3.0 It is requested to advise KRMPL to rectify the raised points and report UPJN & Project Engineer within 7 days. Compliance of above said inspection report needed to be complied and submitted by KRMPL

Yours sincerely,



(Dr. Giridhar Prabhukumar)
Team Leader, STC Kanpur

Copy to the following for information:

1. Mr. Rajat Gupta , SWMS,NMCG, New Delhi
2. Ms. Nidhi Dwivedi, Project officer (Technical),NMCG, New Delhi
3. Chief Engineer, Kanpur Zone, UP Jal Nigam, Kanpur.
4. PM-I &PM-E&M, GPCU, UP Jal Nigam, Kanpur.
5. Mr. P.C. Shukla, Concessionaire's Representative
6. Project Manager, Kanpur River Management Pvt. Ltd., Kanpur.