**ANNEXURE 1: Progress of Work – HAM Project Kanpur**

| **Date** | **Name of Activity#** | **Date of Receipt** | | **Date of Approval**  **(Vet/ Comment)** | | **No. of day taken** | | **Time as per contract**  **(days)** | **Delay if any (No. of days)**  **[7=6-5]** | **Reason for delay\*** | **Key Personnel deployed** | **Man-days of each Key Personnel** | **Delay by Concessionaire** | **Reason for delay** | | | **Step taken by PE to avoid such delays** | **Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| (1) | (2) | (3) | | (4) | | (5) | | (6) | (7) | (8) | (9) | (10) | (11) | (12) | | | (13) | (14) |
| 01.12.2022 | Balance Works Status for 30 MLD STP at Pankha | - | | 01.12.2022 S-1899 | | - | | 20 | - | - | Dr.Giridhar  Prasoon Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations for information and necessary actions. |
| 01.12.2022 | Balance Works Status for 15 MLD STP at Unnao | - | | 01.12.2022 S-1900 | | - | | 20 | - | - | Dr.Giridhar  Prasoon Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations for information and necessary actions. |
| 02.12.2022 | Recommendation on Submission of compliance regarding Operation & Control  Philosophy & Interlocking P&ID for 30 MLD STP & 2 nos. IPS at Pankha facilities. | 29.11.2022 K-2716 | | - | | - | | 20 | - | - | Dr.Giridhar  Prasoon Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | Under Review |
| 03.12.2022 | Inspection of Pankha STP Sewer Laying Work | - | | 03.12.2022 S-1901 | | - | | 20 | - | - | Dr.Giridhar  Prasoon Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations for information and necessary actions. |
| 04.12.2022 | Recommendation on Submission of compliance regarding Operation & Control  Philosophy & Interlocking P&ID for 30 MLD STP & 2 nos. IPS at Pankha facilities. | 29.11.2022 K-2716 | | - | | - | 20 | | - | - | Dr.Giridhar  Prasoon Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | | - | - | | Under Review |
| 05.12.2022 | Regarding Pankha STP Sewer Laying Work | 03.12.2022 UPJN letter 946/w-14/105 | | - | | - | | 20 | - | - | Dr.Giridhar  Prasoon Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | Under Review |
| 06.12.2022 | Inspection of Pankha STP Sewer Laying Work | 03.12.2022 UPJN letter 946/w-14/105 | | 06.12.2022 S-1902 | | 03 | | 20 | - | - | Dr.Giridhar  Prasoon Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations for information and necessary actions. |
| 07.12.2022 | Recommendation on Submission of compliance regarding Operation & Control  Philosophy & Interlocking P&ID for 30 MLD STP & 2 nos. IPS at Pankha facilities. | 29.11.2022 K-2716 | | 07.12.2022 S-1903 | | 09 | | 20 | - | - | Dr.Giridhar  Prasoon Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their review on the comments of last submittal of Concessionaire |
| 07.12.2022 | Inspection Report and Checklist of Balance Work Status for 15 MLD  STP Unnao | - | | 07.12.2022 S-1903A | | - | | 20 | - | - | Dr.Giridhar  Prasoon Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observation and requested UPJN to direct concessionaire to submit compliance report |
| 08.12.2022 | Balance Works Status for 130 MLD STP & Associated facilities at Jajmau | - | | 08.12.2022 S-1904 | | - | | 20 | - | - | Dr.Giridhar  Prasoon Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | | - | - | | PE submitted their observations for information and necessary actions. |
| 09.12.2022 | STC observation on Monthly activity report for the month of September -  2022 & October 2022 of 43 MLD STP Jajmau facilities Phase II |  | | 09.12.2022 S-1905 | |  | | 20 | - | - | Dr.Giridhar  Prasoon Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations for information and necessary actions |
| 10.12.2022 | Road and Drain Layout drawing for 30 MLD STP  Pankha. | 28.11.2022 K-2714 | | - | | - | | 20 | - | - | Dr.Giridhar  Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1 | - | - | | | - | Under Review |
| 11.12.2022 | Structural drawing for admin Building cum air blower for 5 MLD STP  Shuklaganj | 06.12.2022 K-2720 | | - | | - | | 20 | - | - | Dr.Giridhar  Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1 | - | - | | | - | Under Review |
| 12.12.2022 | STC observation on Road and Drain Layout drawing for 30 MLD STP  Pankha. | 28.11.2022 K-2714 | | 12.12.2022 S-1907 | | 14 | | 20 | - | - | Dr.Giridhar  Satish Prasoon Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 12.12.2022 | Shuklaganj STP work Sr. Structural Engineer Site Inspection  Report. | - | | 12.12.2022 S-1908 | | - | | 20 | - | - | Dr.Giridhar  Satish Prasoon Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 12.12.2022 | 130 MLD STP Jajmau inspection report by Sr. Structural Engineer of STC. | - | | 12.12.2022 S-1909 | | - | | 20 | - | - | Dr.Giridhar  Satish Prasoon Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 12.12.2022 | STC observation on Monthly activity report for the month of  September -2022 & October 2022 of 130 MLD STP Jajmau facilities Phase I. |  | | 12.12.2022 S-1910 | | - | | 20 | - | - | Dr.Giridhar  Satish Prasoon Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 12.12.2022 | Regarding site visit for ongoing instrumentation activities at 30MLD  STP Pankha, 15 MLD STP at Unnao and 130 MLD STP at Jajmau | - | | 12.12.2022 S-1911 | | - | | 20 | - | - | Dr.Giridhar  Satish Prasoon Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 12.12.2022 | Structural drawing for admin Building cum air blower for 5 MLD STP  Shuklaganj | 06.12.2022 K-2720 | | 12.12.2022 S-1912 | | 6 | | 20 | - | - | Dr.Giridhar  Satish Prasoon Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations for information and necessary actions |
| 13.12.2022 | Sewer Network for 30 MLD Pankha STP & associated Infrastructure | - | | 13.12.2022 S-1913 | | - | | 20 | - | - | Dr.Giridhar  Satish Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 14.12.2022 | Submission of DG sets for 43 MLD STP at Jajmau. | 10.12.2022 K-199 | | - | | - | | 20 | - | - | Dr.Giridhar  Satish Prasoon Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | Under Review |
| 15.12.2022 | KRMPL compliance on Road and Drain Layout drawing for 30 MLD STP Pankha. | 14.12.2022 K-2737 | | - | | - | | 20 | - | - | Dr.Giridhar  Satish Prasoon Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | Under Review |
| 16.12.2022 | Submission of DG sets for 43 MLD STP at Jajmau. | 10.12.2022 K-199 | | 16.12.2022 S-1914 | | 6 | | 20 | - | - | Dr.Giridhar  Satish Prasoon Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 17.12.2022 | Structural Drawing for Metering Room and VCB Panel Room for 05  MLD STP Shuklaganj facilities | 30.11.2022 K-2718 | | - | | - | | 20 | - | - | Dr.Giridhar  Satish Prasoon Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | Under Review |
| 18.12.2022 | KRMPL compliance on Road  and Drain Layout drawing for 30 MLD STP Pankha. | 14.12.2022 K-2737 | | - | | - | | 20 | - | - | Dr.Giridhar  Satish Prasoon Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | Under Review |
| 19.12.2022 | STC comments on KRMPL compliance on Road  and Drain Layout drawing for 30 MLD STP Pankha. | 14.12.2022 K-2737 | | 19.12.2022 S-1915 | | 5 | | 20 | - | - | Dr.Giridhar  Satish Sunil Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 20.12.2022 | Structural Drawing for Metering Room and VCB Panel Room for 05  MLD STP Shuklaganj facilities | 30.11.2022 K-2718 | | 20.12.2022 S-1916 | | 20 | | 20 | - | - | Dr.Giridhar  Satish Sunil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 21.12.2022 | Regarding Installation of Electromagnetic Flow Meter at 25 MLD ICI Nalla  IPS & 20 MLD Sundar Nagar IPS. | 19.12.2022 K-2745 | | - | | - | | 20 | - | - | Dr.Giridhar  Satish Sunil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | Under Review |
| 22.12.2022 | Regarding Installation of Electromagnetic Flow Meter at 25 MLD ICI Nalla  IPS & 20 MLD Sundar Nagar IPS. | 19.12.2022 K-2745 | | 22.12.2022 S-1917 | | 3 | | 20 | - | - | Dr.Giridhar  Satish Sunil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 23.12.2022 | STC observation on Monthly activity report for the month of  November 2022 of 130 MLD STP Jajmau facilities Phase I | 09.12.2022 K-197 | | 23.12.2022 S-1918 | | 14 | | 20 | - | - | Dr.Giridhar  Satish Sunil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 23.12.2022 | Observation on Monthly Activity Report of 210 MLD STP Bingawan facilities  for the month of Sep-2022, Oct-2022, & Nov-2022 | 12.12.2022 K-201 | | 23.12.2022 S-1919 | | 11 | | 20 | - | - | Dr.Giridhar  Satish Sunil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 23.12.2022 | Observation on Monthly Activity Report of 42 MLD STP Sajari facilities for the  month of Sep-2022, Oct-2022, & Nov-2022 | 08.12.2022 K-195 | | 23.12.2022 S-1920 | | 15 | | 20 | - | - | Dr.Giridhar  Satish Sunil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 23.12.2022 | Regarding pending approval of various drawings of 05 MLD  Shuklaganj STP | 15.12.2022 K-2782 | | 23.12.2022 S-1922 | | 8 | | 20 | - | - | Dr.Giridhar  Satish Sunil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 23.12.2022 | Recommendation on Submission of compliance regarding Operation & Control  Philosophy & Interlocking P&ID for 30 MLD STP & 2 nos. IPS at Pankha facilities. | - | | 23.12.2022 S-1923 | | - | | 20 | - | - | Dr.Giridhar  Satish Sunil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 23.12.2022 | Release of PE Payment against completed Milestones | - | | 23.12.2022 1924 | | - | | 20 | - | - | Dr.Giridhar  Satish Sunil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE requested for release of payments against completed milestones |
| 24.12.2022 | Regarding Construction & Installation works of Thermal Nalla-B I&D at  20 MLD Sundar Nagar IPS. | - | | 24.12.2022 1925 | | - | | 20 | - | - | Dr.Giridhar  Satish Sunil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 24.12.2022 | Balance Works Status for 30 MLD STP at Pankha as of 21st December 2022 | 19.12.2022 K-2745 | | 24.12.2022 1926 | | 5 | | 20 | - | - | Dr.Giridhar  Satish Sunil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 24.12.2022 | Balance Works Status for 15 MLD STP at Unnao as of 20th December 2022 | 14.12.2022 K-2740 | | 24.12.2022 1927 | | 10 | | 20 | - | - | Dr.Giridhar  Satish Sunil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 24.12.2022 | STC observation on Monthly activity report for the month of November  2022 of 43 MLD STP Jajmau facilities Phase II | 09.12.2022 K-198 | | 24.12.2022 1921 | | 15 | | 20 | - | - | Dr.Giridhar  Satish Sunil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 24.12.2022 | Revised Milestone Plan for 05 MLD Shuklaganj STP | 23.12.2022U-2891 | | 24.12.2022 1930 | | 1 | | 20 | - | - | Dr.Giridhar  Satish Sunil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 25.12.2022 | **Sunday** | | | | | | | | | | | | | | | | | |
| 26.12.2022 | Submission of documents for overhauling of Air Blower no.2 and repairing of  PST-Central bearing at 43 MLD STP Jajmau. | | 21.12.2022 U-3104 | | 26.12.2022 1928 | 5 | | 20 | - | - | Dr.Giridhar  Anil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 26.12.2022 | Inspection Report of 210 MLD STP Bingawan for Inspection held on 15.12.2022. | | - | | 26.12.2022 1929 | - | | 20 | - | - | Dr.Giridhar  Anil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 27.12.2022 | Regarding Installation & testing of torque switches for Grit Mechanism,  Primary Clarifiers, Secondary Clarifiers, Sludge Thickener, at 130 MLD STP Jajmau. | | RFI dated 24.12.2022 & RFI dated 17.12.2022 | | 27.12.2022 1931 | 3 | | 20 | - | - | Dr.Giridhar  Anil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 27.12.2022 | Observations on Test Results of Dewatered Sludge Sample of Different  STPs | | 17.12.2022 K-205 | | 27.12.2022 1932 | 10 | | 20 | - | - | Dr.Giridhar  Anil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1 | - | - | | | - | PE reviewed the test report and submitted their observation on test results. |
| 28.12.2022 | Regarding 130 MLD STP existing bypass line dismantling and re-route for water discharge line which is coming from water treatment Plant Pilot Plant operated by IIT Kanpur at Jajmau STP premises. | | 28.12.2022 K-2759 | | - | - | | 20 | - | - | Dr.Giridhar  Anil Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1 | - | - | | | - | Under Review |
| 29.12.2022 | Inspection Report of 42 MLD Sajari facilities, inspection done on  27.12.2022. | | - | | 29.12.2022 S-1933 | - | | 20 | - | - | Dr.Giridhar  Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 29.12.2022 | Inspection report of associated works of 210 MLD Bingawan STP (IPS  Rakhimandi, Munshipurwa and Halwakanda) for the inspection done on 28.12.2022 | | - | | 29.12.2022 S-1934 | - | | 20 | - | - | Dr.Giridhar  Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 29.12.2022 | Inspection report of associated works of 42 MLD Sajari STP (IPS Chakeri and Sanigawan) for the inspection done on 28.12.2022. | | - | | 29.12.2022 S-1935 | - | | 20 | - | - | Dr.Giridhar  Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 30.12.2022 | Inspection Report of 130 MLD STP Jajmau facilities, Inspection done on  27.12.2022 | | - | | 30.12.2022 S-1936 | - | | 20 | - | - | Dr.Giridhar  Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 31.12.2022 | Observations on installation of Primary clarifier Mechanism No.3 (PST  No.3) for 130 MLD Jajmau Phase-1 | | KRMPL RFI dated 30.12.2022 | | 31.12.2022 S-1937 | 1 | | 20 | - | - | Dr.Giridhar  Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 31.12.2022 | Inspection Report of IPSs (Nawabganj IPS, Parmat IPS, Baba Ghat IPS, & Guptar  Ghat IPS) of 130 MLD Jajmau phase 1, Inspection done on 29.12.2022 | | - | | 31.12.2022 S-1938 | - | | 20 | - | - | Dr.Giridhar  Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 31.12.2022 | Inspection Report of 43 MLD IPS facilities Phase II for inspection done on  29.12.2022 | | - | | 31.12.2022 S-1939 | - | | 20 | - | - | Dr.Giridhar  Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
| 31.12.2022 | Inspection Report of 43 MLD STP Jajmau facilities, Inspection done on  27.12.2022 | | - | | 31.12.2022 S-1940 | - | | 20 | - | - | Dr.Giridhar  Preetam Priyesh  Ajay  Rahul  Divya  Karamveer | 1+1+1+1+1+1+1 | - | - | | | - | PE submitted their observations and requested UPJN to direct concessionaire to submit compliance report |
|  | | | | | | | | | | | | | | | | | | |

**Note:** Man-days and respective inputs of experts for the month of December 2022 are:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SN** | **Name** | **Designation** | **Total Man-days** | **Input** |
|  | Dr. Giri Prabhu Kumar | Team Leader cum waste water expert | 31 | Timesheet attached |
|  | Mr. Preetam Walunjkar | Senior Structure Engineer | 11 | Timesheet attached |
|  | Mr. Anil Kumar Seth | Senior Electrical Engineer | 03 | Timesheet attached |
|  | Mr. Satish Kamaraju | Senior Process Engineer | 13 | Timesheet attached |
|  | Mr. Sunil Basutkar | Senior Mechanical Engineer | 06 | Timesheet attached |
|  | Mr. Prasoon Bhardwaj | Instrumentation Engineer | 16 | Timesheet attached |