**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) |
| 01.06.2022 | Bingawan Schedule maintenance plan year 02 from 10.08.2021 to 09.08.2022. | 31.05.22 K-2496 | - | - | 20 | - | - | Dr. Giridhar  Satish  Prasoon  L.K.Rao  Priyesh  Satendra  Pankaj  Rohit  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1+1+1+1+1+1+1+1 | - | - | - | Under review. |
| 02.06.2022 | Observation on installation of final settling tank clarifier No. 1 for 130 MLD Jajmau Phase-1. | 01.06.22 K-RFI | 02.06.2022 S-1638 | 01 | 20 | - | - | Dr. Giridhar  Prasoon  Ajay  Rahul  Anuj | 1+1+1+1+1 | - | - | - | Inspection report submitted by PE. |
| 02.06.2022 | Sampling and testing of all STP sites under O&M by IIT Kanpur on weekly basis. | 26.05.22 K-2491 | 02.06.2022 S-1639 | 08 | 20 | - | - | Dr. Giridhar  Satish  L.K.Rao  Pankaj  Rohit | 1+1+1+1+1 | - | - | - | Request UPJN to instruct KRMPL to get weekly sampling & testing done by IIT Kanpur. |
| 02.06.2022 | Bingawan Schedule maintenance plan year 02 from 10.08.2021 to 09.08.2022. | 31.05.22 K-2496 | 02.06.2022 S-1640 | 02 | 20 | - | - | Dr. Giridhar Satish  L.K.Rao  Pankaj  Rohit | 1+1+1+1+1 | - | - | - | Request UPJN to direct KRMPL to comply on our points as discussed and resubmit the plan at the earliest. |
| 02.06.2022 | Inspection report of 210 MLD Bingawan, inspection done on 27.05.2022. | - | 02.06.2022 S-1641 | - | 20 | - | - | Dr. Giridhar  Pankaj  Rohit | 1+1+1 | - | - | - | Inspection report submitting by PE. |
| 02.06.2022 | Inspection report of 30 MLD Pankha, inspection done on 28th May, 2022. | - | 02.06.2022 S-1642 | - | 20 | - | - | Dr. Giridhar  Priyesh  Satendra  Karamveer | 1+1+1+1 | - | - | - | Inspection report submitting by PE. |
| 02.06.2022 | Inspection report of 43 MLD Jajmau Phase- II facilities, inspection done on 31.05.2022. | - | 02.06.2022 S-1643 | - | 20 | - | - | Dr. Giridhar  Ajay  Rahul  Anuj | 1+1+1+1 | - | - | - | Inspection report submitting by PE. |
| 02.06.2022 | Inspection report of 130 MLD Jajmau Phase- II facilities, inspection done on 31.05.2022. | - | 02.06.2022 S-1644 | 07 | 20 | - | - | Dr. Giridhar  Ajay  Rahul  Anuj | 1+1+1+1 | - | - | - | Inspection report submitting by PE. |
| 03.06.2022 | Bypass arrangement at Bingawan. | 26.05.22 K-2492 | - | - | 20 | - | - | Dr. Giridhar Satish Prasoon  L.K.Rao  Priyesh  Satendra  Pankaj  Rohit  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1+1+1+1+1+1+1+1 | - | - | - | Under review. |
| 04.06.2022 | Submission of C&I documents for CSPS & IPS under Jajmau facility. | K-2456 | - | - | 20 | - | - | Dr. Giridhar Satish Prasoon  L.K.Rao  Priyesh  Satendra  Pankaj  Rohit  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1+1+1+1+1+1+1+1 | - | - | - | Under review. |
| 05.06.2022 | Review of Instrument list, PLC IO list, RTOLMS soft IO list, IO assignment, drive control philosophy, On-line monitoring scheme and Cable schedule for IPS at Parmat and Nawabganj. | - | - | - | 20 | - | - | Dr. Giridhar Satish Prasoon  L.K.Rao  Priyesh  Satendra  Pankaj  Rohit  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1+1+1+1+1+1+1+1 | - | - | - | Under review. |
| 06.06.2022 | Major observation on Supernatant sump during site inspection on 03.06.2022. | - | 06.06.2022 S-1645 | - | 20 | - | - | Dr. Giridhar Satish Prasoon  L.K.Rao  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1+1+1+1 | - | - | - | Inspection report of Supernatant sump submitting by PE. |
| 06.06.2022 | Submission of C&I documents for CSPS & IPS under Jajmau facility. | K-2456 | 06.06.2022 S-1646 | - | 20 | - | - | Dr. Giridhar  Priyesh  Satendra  Pankaj  Rohit | 1+1+1+1+1 | - | - | - | PE submits our Instrumentation expert comments. |
| 07.06.2022 | 05 MLD STP Shuklaganj Site Safety inspection report of dated 03 June, 2022. | - | 07.06.2022 S-1647 | - | 20 | - | - | Dr. Giridhar Satish  L.K.Rao  Priyesh  Satendra  Pankaj  Rohit  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1+1+1+1+1+1+1 | - | - | - | Inspection report submitting by PE. |
| 08.06.2022 | Regarding Balance work plan for 30 MLD STP Pankha & 130 MLD STP at Jajmau Phase-1 along with associated IPS facilities. | - | 08.06.2022 S-1648 | - | 20 | - | - | Dr. Giridhar Satish Prasoon  L.K.Rao  Priyesh  Satendra  Pankaj  Rohit  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1+1+1+1+1+1+1+1 | - | - | - | Request UPJN to instruct KRMPL to submit balance work plan Pankha & Jajmau facilities. |
| 09.06.2022 | Bypass arrangement at Bingawan. | 26.05.22 K-2492 | 09.06.2022 S-1649 | 14 | 20 | - | - | Dr. Giridhar Satish  L.K.Rao  Pankaj  Rohit | 1+1+1+1+1 | - | - | - | Request UPJN to instruct KRMPL to submit all the necessary data. |
| 09.06.2022 | Regarding Installation of SEDICELL technology tanks (DAF) at 210 MLD Bingawan STP and an Alternative Up gradation Plan. | - | 09.06.2022 S-1650 | - | 20 | - | - | Dr. Giridhar Satish Prasoon  L.K.Rao  Pankaj  Rohit | 1+1+1+1+1+1 | - | - | - | PE submits our comments. |
| 09.06.2022 | Observation on proposal for 2 Nos. hot standby pumps sets at Sisamau IPS. | 09.06.22 J-969/w-6/13 | 09.06.2022 S-1651 | 00 | 20 | - | - | Dr. Giridhar  Ajay  Rahul  Anuj | 1+1+1+1 | - | - | - | PE submits our observation. |
| 09.06.2022 | Submission of alignment, design and drawing for laying of RCC 900 mm dia. Pipe at Shuklaganj STP. | 07.06.22 K-2503 | 09.06.2022 S-1652 | 02 | 20 | - | - | Dr. Giridhar  Priyesh  Satendra  Karamveer | 1+1+1+1 | - | - | - | Request UPJN to instruct KRMPL to submit the drawing and take approval from STC/UPJN. |
| 10.06.2022 | Submission of MPR for the month of May 2022 for NMCG Project. | - | 10.06.2022 S-1653 | - | 20 | - | - | Dr. Giridhar  Priyesh  Satendra  Pankaj  Rohit  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1+1+1+1+1 | - | - | - | MPR for the month of May 2022 submit by PE. |
| 10.06.2022 | Inspection Report of 42 MLD Sajari facilities, inspection done on 08.06.2022 | - | 10.06.2022 S-1654 | - | 20 | - | - | Dr. Giridhar Satish  L.K.Rao  Pankaj  Rohit | 1+1+1+1+1 | - | - | - | Inspection report submitted by PE. |
| 11.06.2022 | Second Saturday | | | | | | | | | | | | |
| 12.06.2022 | Sunday | | | | | | | | | | | | |
| 13.06.2022 | Observation on Monthly activity report for the month of May 2022 of 42 MLD Sajari facilities. | 13.06.22 K-O&M 002 | - | - | 20 | - | - | Dr. Giridhar  Priyesh  Satendra  Pankaj  Rohit  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1+1+1+1+1 | - | - | - | Under review. |
| 14.06.2022 | Regarding construction of new 173 MLD chlorination system and 200 MLD Treated effluent sump at 130 MLD STP Jajmau facilities. | - | 14.06.2022 S-1655 | - | 20 | - | - | Dr. Giridhar  Priyesh  Satendra  Pankaj  Rohit  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1+1+1+1+1 | - | - | - | Request UPJN to instruct KRMPL to submit relevant details before execution of work. |
| 15.06.2022 | Inspection Report of 42 MLD Sajari facilities, inspection done on 08.06.2022 | - | 15.06.2022 S-1656 | - | 20 | - | - | Dr. Giridhar  Priyesh  Satendra  Pankaj  Rohit  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1+1+1+1+1 | - | - | - | Inspection report submitted by PE. |
| 16.06.2022 | PE observation on MPR of April month 2022 for 43 MLD Jajmau phase-II facilities. | 13.06.22 K-2439 | - | - | 20 | - | - | Dr. Giridhar  Priyesh  Satendra  Pankaj  Rohit  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1+1+1+1+1 | - | - | - | Under review. |
| 17.06.2022 | Current status of new equipment which were installed & charged after conditional approval from UPJN/STC of 130 MLD STP Jajmau Phase- 1 facilities. | - | 17.06.2022 S-1657 | - | 20 | - | - | Dr. Giridhar A.K.Seth  Priyesh  Satendra  Pankaj  Rohit  Ajay  Rahul  Anuj | 1+1+1+1+1+1+1+1+1 | - | - | - | Request UPJN to instruct KRML to submit failure reports and pending compliance report immediately. |
| 17.06.2022 | PE observation on MPR of April month 2022 for 43 MLD Jajmau phase-II facilities. | 13.06.22 K-2439 | 17.06.2022 S-1658 | 04 | 20 | - | - | Dr. Giridhar  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1 | - | - | - | Directed KRMPL to resubmit the monthly performance report for April 2022 incorporating the said points. |
| 17.06.2022 | Regarding non-completion of 3rd milestone of 130 MLD STP Jajmau Phase-1 facilities. | - | 17.06.2022 S-1659 | - | 20 | - | - | Dr. Giridhar  Pankaj  Ajay  Rahul  Anuj | 1+1+1+1+1 | - | - | - | Request UPJN to instruct KRMPL to complete the renovation work as per approved plan. |
| 18.06.2022 | Observation on Monthly activity report of 210 MLD Bingawan facilities for the month of May- 2022. | 13.06.22 K-O&M 003 | - | - | 20 | - | - | Dr. Giridhar A.K.Seth  Priyesh  Satendra  Pankaj  Rohit  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1+1+1+1+1+1 | - | - | - | Under review. |
| 19.06.2022 | Sunday | | | | | | | | | | | | |
| 20.06.2022 | Observation on Monthly activity report of 210 MLD Bingawan facilities for the month of May- 2022. | 13.06.22 K-O&M 003 | 20.06.2022 S-1660 | 07 | 20 | - | - | Dr. Giridhar  Preetam  Pankaj  Rohit  Ajay  Rahul  Anuj | 1+1+1+1+1+1+1 | - | - | - | Directed KRMPL to resubmit the monthly performance report for May 2022 incorporating the said points. |
| 20.06.2022 | Observation on Monthly activity report for the month of May 2022 of 42 MLD Sajari facilities. | 13.06.22 K-O&M 002 | 20.06.2022 S-1661 | 07 | 20 | - | - | Dr. Giridhar A.K.Seth  Priyesh  Satendra  Pankaj  Rohit  Karamveer | 1+1+1+1+1+1+1 | - | - | - | Directed KRMPL to resubmit the monthly performance report for May 2022 incorporating the said points. |
| 21.06.2022 | Supply, Erection scheme, Manual, Testing & commissioning of E&M works for 15 MLD STP Unnao. | - | 21.06.2022 S-1662 | - | 20 | - | - | Dr. Giridhar A.K.Seth  Preetam  Priyesh  Satendra  Karamveer | 1+1+1+1+1+1 | - | - | - | Request UPJN to instruct KRMPL as needed. |
| 21.06.2022 | Regarding E&M works at 15 MLD STP Unnao. | 18.06.22 J-339/W.S.-25/66 | 21.06.2022 S-1663 | 03 | 20 | - | - | Dr. Giridhar  Priyesh  Satendra  Pankaj  Karamveer | 1+1+1+1+1 | - | - | - | Request UPJN to instruct KRMPL for deploy more E&M manpower for E&M works. |
| 21.06.2022 | Regarding compliances of PE observation on Jajmau milestone 1st, 2nd and non completion of 3rd milestone. | - | 21.06.2022 S-1664 | - | 20 | - | - | Dr. Giridhar  Pankaj  Rohit  Ajay  Rahul  Anuj | 1+1+1+1+1+1 | - | - | - | Request UPJN instruct KRMPL to submit compliance report and expedite the completion of 3rd milestone works. |
| 21.06.2022 | Recommendation for approval of rectangular manhole design and drawing for 15 MLD STP Unnao. | 13.06.22 K-2458 | 21.06.2022 S-1665 | 08 | 20 | - | - | Dr. Giridhar  Priyesh  Satendra  Karamveer | 1+1+1+1 | - | - | - | Recommended for approval. |
| 22.06.2022 | Guide Manual for wastewater Analysis. | 04.06.22 K-O&M 001 | - | - | 20 | - | - | Dr. Giridhar  Preetam A.K.Seth Prasoon  Priyesh  Satendra  Pankaj  Rohit  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1+1+1+1+1+1+1+1 | - | - | - | Under review. |
| 23.06.2022 | Guide Manual for wastewater Analysis. | 04.06.22 K-O&M 001 | 23.06.2022 S-1666 | 19 | 20 | - | - | Dr. Giridhar Prasoon  Preetam  Pankaj  Rohit  Karamveer | 1+1+1+1+1+1 | - | - | - | Request UPJN to instruct KRMPL to submit the revised Manual. |
| 23.06.2022 | Regarding KPI obligations of 130 MLD STP Jajmau facilities Phase- 1. | - | 23.06.2022 S-1667 | - | 20 | - | - | Dr. Giridhar A.K.Seth  Priyesh  Satendra  Ajay  Rahul  Anuj | 1+1+1+1+1+1+1 | - | - | - | Inform UPJN & Request UPJN to instruct KRMPL accordingly. |
| 24.06.2022 | Pankha STP & I&D work Expert Structural Engineer Site Inspection Report. | - | 24.06.2022 S-1668 | - | 20 | - | - | Dr. Giridhar  Preetam  Priyesh  Satendra  Karamveer | 1+1+1+1+1 | - | - | - | Inspection report submitting by PE. |
| 24.06.2022 | Reminder – regarding Balance work plan for 30 MLD STP at Pankha & 130 MLD STP at Jajmau Phase- 1 along with associated IPS facilities. | - | 24.06.2022 S-1669 | - | 20 | - | - | Dr. Giridhar Prasoon A.K.Seth  Pankaj  Rohit  Ajay  Rahul  Anuj | 1+1+1+1+1+1+1+1 | - | - | - | Request UPJN to instruct KRMPL to submit balance work plan for Pankha & Jajmau phase- 1 facilities without further delay. |
| 25.06.2022 | Reminder- Regarding Rising main balance work at ICI Nalla & Sundar Nagar IPS facilities. | - | 25.05.2022 S-1670 | - | 20 | - | - | Dr. Giridhar A.K.Seth Prasoon  Priyesh  Satendra  Karamveer | 1+1+1+1+1+1 | - | - | - | Request UPJN to instruct KRMPL to submit supplied & installation & hydro test work plan for ICI Nalla & Sundar Nagar IPS facilities without further delay. |
| 25.06.2022 | Regarding waste / scrap materials generated from facilities at Jajmau Phase 1, Jajmau phase 2, Bingawan and Sajari that are within the scope of Renovation and O&M. | - | 25.06.2022 S-1671 | - | 20 | - | - | Dr. Giridhar  Pankaj  Rohit  Ajay  Rahul  Anuj | 1+1+1+1+1+1 | - | - | - | Request UPJN to take necessary action. |
| 25.06.2022 | Inspection Report of 15 MLD Unnao facilities, inspection done on 22.06.2022 & 24.06.2022. | - | 25.06.2022 S-1672 | - | 20 | - | - | Dr. Giridhar  Priyesh  Satendra  Karamveer | 1+1+1+1 | - | - | - | Inspection report submitting by PE. |
| 26.06.2022 | Review of piping and Instrumentation drawing for PH-1, 130 MLD IPS and Flow meter arrangement drawing for IPS at Babaghat. | - | - | - | 20 | - | - | Prasoon | 1 | - | - | - | Under review. |
| 27.06.2022 | Inspection Report of 30 MLD Pankha inspection done on 23.06.2022 | - | 27.06.2022 S-1673 | - | 20 | - | - | Dr. Giridhar A.K.Seth  Priyesh  Satendra  Karamveer | 1+1+1+1+1 | - | - | - | Inspection report submitting by PE. |
| 27.06.2022 | Inspection report of associated works of 210 MLD Bingawan STP (IPS Rakhimandi, Munsipurwa and Halwakhanda) for the inspection done on 24.06.2022. | - | 27.06.2022 S-1674 | - | 20 | - | - | Dr. Giridhar  Pankaj  Rohit | 1+1+1 | - | - | - | Inspection report submitted by PE. |
| 27.06.2022 | Inspection report of associated works of 42 MLD Sajari STP (IPS Chakeri and Sanigawan) for the inspection done on 24.06.2022 | - | 27.06.2022 S-1675 | - | 20 | - | - | Dr. Giridhar  Pankaj  Rohit | 1+1+1 | - | - | - | Inspection report submitted by PE. |
| 27.06.2022 | Sampling and testing of all STP sites under O&M by IIT Kanpur on weekly basis. | 27.06.22 K-024 | 27.06.2022 S-1676 | 02 | 20 | - | - | Dr. Giridhar Prasoon  Pankaj  Rohit | 1+1+1+1 | - | - | - | Request UPJN to instruct KRMPL to get weekly sampling & testing done by IIT Kanpur. |
| 27.06.2022 | Inspection report of Structure Expert at Jajmau 130 MLD STP Phase 1 facilities. | - | 27.06.2022 S-1677 | - | 20 | - | - | Dr. Giridhar  Ajay  Rahul  Anuj | 1+1+1+1 | - | - | - | Inspection report submitted by PE. |
| 28.06.2022 | PE observation on GA & RCC drawing submission along with design report for Belt Filter Press Building for 130 MLD Jajmau facilities Phase- 1. | 18.06.22 K-2514 | - | - | 20 | - | - | Dr. Giridhar A.K.Seth  Sunil  Priyesh  Satendra  Pankaj  Rohit  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1+1+1+1+1+1+1 | - | - | - | Under review. |
| 29.06.2022 | Regarding Approval of Work from Home. | - | 29.06.2022 S-1678 | - | 20 | - | - | Dr. Giridhar | 1 | - | - | - | Request UPJN for approval for work from home. |
| 29.06.2022 | Inspection report of 130 MLD & 43 MLD IPSs and STP Jajmau facilities, inspection done on 06.06.2022 and 07.06.2022 and 20.06.2022. | - | 30.05.2022 S-1679 | - | 20 | - | - | Dr. Giridhar  Pankaj  Rohit  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1+1+1 | - | - | - | Inspection report submitted by PE. |
| 29.06.2022 | PE observation on Monthly activity report of May month 2022 for 130 MLD Jajmau Phase- I facilities. | 13.06.22 K-O&M 008 | 29.06.2022 S-1680 | 16 | 20 | - | - | Dr. Giridhar  Priyesh  Satendra  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1+1+1 | - | - | - | Directed KRMPL to resubmit the monthly performance report for May 2022 incorporating the said points. |
| 29.06.2022 | PE observation on GA & RCC drawing submission along with design report for Belt Filter Press Building for 130 MLD Jajmau facilities Phase- 1. | 18.06.22 K-2514 | 29.06.2022 S-1681 | 11 | 20 | - | - | Dr. Giridhar  Sunil  Preetam  Pankaj  Rohit  Ajay  Rahul  Anuj | 1+1+1+1+1+1+1+1 | - | - | - | Request UPJN to instruct KRMPL to submit compliance of PE observations at earliest. |
| 29.06.2022 | Release of Withheld Amount for 15MLD STP at Unnao. | 20.06.22 K-2515 | 29.06.2022 S-1682 | 08 | 20 | - | - | Dr. Giridhar  Priyesh  Satendra  Karamveer | 1+1+1+1 | - | - | - | Inform UPJN to take necessary action please. |
| 29.06.2022 | Shuklaganj STP work Sr. Structural Engineer Site Inspection report. | - | 29.06.2022 S-1683 | - | 20 | - | - | Dr. Giridhar  Priyesh  Satendra  Karamveer | 1+1+1+1 | - | - | - | Inspection report submitted by PE. |
| 30.06.2022 | Submission of revised 4th RA Bill against variation order for trenchless work at 15 MLD Unnao facilities. | 28.06.22 K-2524 | - | 00 | 20 | - | - | Dr. Giridhar  Sunil  Priyesh  Satendra  Pankaj  Rohit  Ajay  Rahul  Anuj  Karamveer | 1+1+1+1+1+1+1+1+1+1 | - | - | - | Under review. |
|  | | | | | | | | | | | | | |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SN** | **Name** | **Designation** | **Total Man-days** | **Input** |
|  | Dr. Giri Prabhu Kumar | Team Leader cum waste water expert | 30 | Timesheet attached |
|  | Mr. Preetam Walunjkar | Senior Structure Engineer | 06 | Timesheet attached |
|  | Mr. Anil Kumar Seth | Senior Electrical Engineer | 10 | Timesheet attached |
|  | Mr. Satish Kamaraju PE | Senior Process Engineer | 10 | Timesheet attached |
|  | Mr. Sunil Basutkar | Senior Mechanical Engineer | 03 | Timesheet attached |
|  | Mr. Prasoon Bhardwaj | Instrumentation Engineer | 14 | Timesheet attached |
|  | Mr. Linga Krishna Rao | Safety expert | 10 | Timesheet attached |