

**National Mission for Clean Ganga (NMCG)  
Ministry of Jal Shakti,  
River Development & Ganga Rejuvenation  
Government of India**

**Development and Rehabilitation of Sewage Treatment  
Plants and Associated Infrastructure Under Hybrid  
Annuity Based PPP Mode at Prayagraj, Uttar Pradesh**

**(LOA File Number: 50123/447/121, dated 10/11/2018)**

**Monthly Progress Report  
of  
Project Engineer  
OCTOBER 2020**



**Executing Agency**

GPCU, Uttar Pradesh Jal  
Nigam, Prayagraj, Uttar  
Pradesh  
211008



**Funding Agency**

National Mission for Clean  
Ganga, Ministry of Water  
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**Concessionaire**

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## **1. Introduction**

The GoI (Government of India), recognizing that the long-term rejuvenation of the river Ganga will have significant social and economic benefits on the lives of 500 Million people living along its basin, has identified cleaning of the river Ganga as one of its priorities. For this purpose, in May-2015, The Government of India approved the flagship Namami Gange Program for cleaning rejuvenation and protection of river Ganga and its tributaries. In January-2016, The Government of India approved a Hybrid annuity model to implement the STP project under the Namami Gange program on a PPP basis. Subsequently, the MoWR (Ministry of Water Resources) issued the river Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (Ganga 2016 Order) to constitute various authorities to assist the Government of India in achieving its aim of effective abatement of pollution in the river Ganga. The Ganga 2016 order designated NMCG as the nodal agency for implementation of the Ganga 2016 order.

Rapidly increasing population, rising standards of living and exponential growth of industrialisation and urbanisation have exposed water resources, in general, and rivers to various forms of degradation. The mighty Ganga is no exception. The deterioration in the water quality impacts the people immediately. Ganga, in some stretches, particularly during lean seasons has become unfit even for bathing. The threat of global climate change, the effect of glacial melt on Ganga flow and the impacts of infrastructural projects in the upper reaches of the river, raise issues that need a comprehensive response.

In the Ganga basin approximately 12,000 million litres per day (MLD) sewage is generated, for which presently there is a treatment capacity of only around 4,000 MLD. Approximately 3000 MLD of sewage is discharged into the mainstream of the river Ganga from the Class I & II towns located along the banks, against which treatment capacity of about 1000 MLD has been created till date.

The Uttar Pradesh Jal Nigam (Jal Nigam) is a statutory body constituted under the Uttar Pradesh Water Supply and Sewerage Act, 1975, and has the power to develop, maintain and regulate water supply and sewerage works in Uttar Pradesh. With a view to implement the Namami Gange programme and the Ganga 2016 Order, the Jal Nigam, in association with the NMCG, has decided to undertake the Project;

- Development and Rehabilitation of Sewage Treatment Plants (STPs) and Associated Infrastructure at Prayagraj under Hybrid Annuity based PPP mode in State of Uttar Pradesh.

While the Jal Nigam will be the principal executing agency and bidding authority for the Project, NMCG will be responsible for making payments to the Concessionaire and Project Engineer.

## **2. Hybrid Annuity Model (HAM)**

Government of India has approved the Namami Gange program as an integrated approach for effective abatement of pollution in river Ganga and Yamuna. As part of this and to ensure that no untreated domestic sewage flow into the river Ganga and Yamuna, various interventions are planned such as Interception & Diversion works and development & operation of Sewage Treatment Plants (STPs).

Considering various development models in practice for the construction, operation and maintenance of Sewage Treatment Plants, Government of India has approved the Hybrid Annuity based Public Private Partnership (PPP) mode as one of the options for the development & operation of STPs. Under

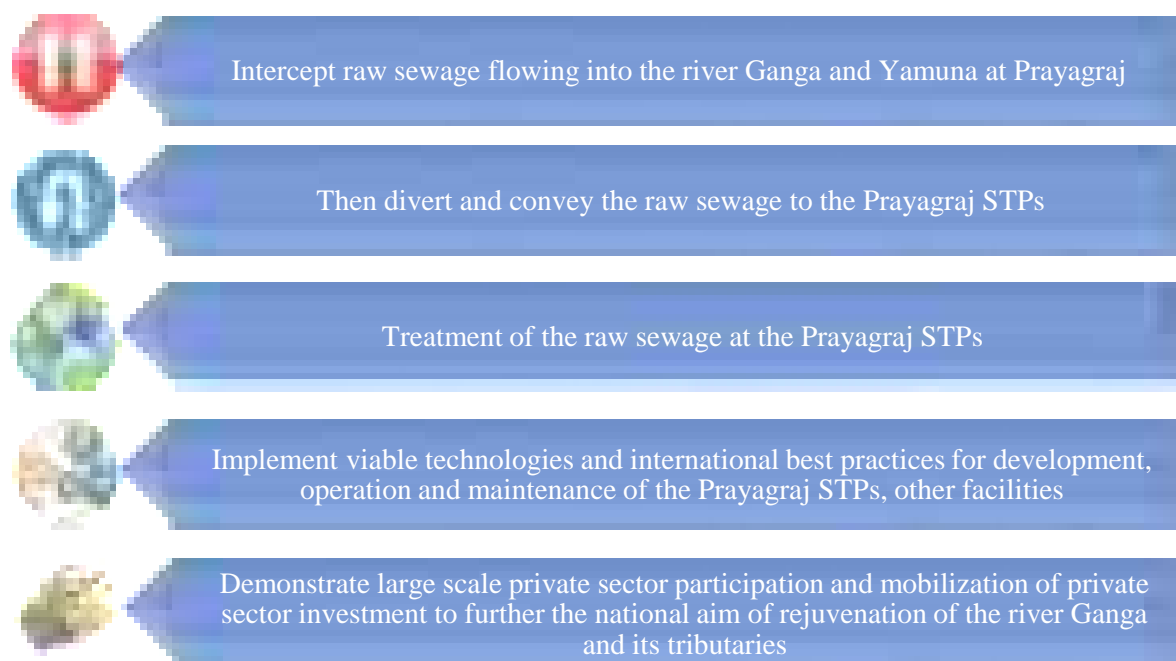
this model, private investor/developer will design, build, finance, construct, rehabilitate, renovate, operate and maintain the asset (STPs, IPS, and MPS) to the Project Executing Agency/Jal Nigam at the end of the Concession Period (15 years). 40% of the Capital cost will be paid to the developer during construction of the STP. Balance 60% along with Operation & Maintenance (O&M) cost will be paid over the Concession Period on achievement of key performance indicators as per the contract. Entire cost of development and operation of the STPs will be 100% funded by the Government of India as central sector scheme.

National Mission for Clean Ganga (NMCG) and Uttar Pradesh Jal Nigam (UPJN) appointed M/s. AECOM India Pvt. Ltd., as Project Engineer for this project through tendering process. Letter of Award is issued dated 4th February 2019 and agreement signed between the parties on 5<sup>th</sup> April 2019.

### 3. Objectives

Objectives to achieve effective Development of Sewage Treatment Plants (STPs) at Jhunsi, Naini and Phaphamau, rehabilitation of existing STPs & associated Infrastructure and operation and maintenance of all assets for 15 years in Prayagraj, Uttar Pradesh, under Hybrid Annuity based PPP mode are proposed under this project.

The objectives that NMCG and the UP Jal Nigam wish to achieve through the Project is mentioned in **Figure 1**;



**Figure 1 : Objectives of NMCG and UP JAL NIGAM**

Government of India has approved the Namami Gange program as an integrated approach for effective abatement of pollution in river Ganga and Yamuna. As part of this and to ensure that no untreated domestic sewage flow into the river Ganga and Yamuna, various interventions are planned such as Interception & Diversion works and development & operation of Sewage Treatment Plants (STPs). Considering various development models in practice for the construction, operation and maintenance

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National Mission for Clean Ganga (NMCG) appointed M/s. AECOM India Pvt. Ltd., Gurgaon as Project Engineer for this project through tendering process. Letter of Award is issued dated 4<sup>th</sup> February 2019 and agreement signed between the parties on 5<sup>th</sup> April 2019.

#### 4. Project at Glance

The Project components details of each Facility, their grouping in each Package is presented below;

Sr. No.	Particulars	Description
1.0	Name of Project	<b>Development and Rehabilitation of Sewage Treatment Plants and Associated Infrastructure under HAM based PPP mode at Prayagraj, Uttar Pradesh</b>
	Client	National Mission for Clean Ganga (NMCG) and Uttar Pradesh Jal Nigam (UPJN)
2.0	Executing Agency	Uttar Pradesh Jal Nigam, Ganga Pollution Control Unit, Prayagraj, Uttar Pradesh
3.0	Project Engineer	AECOM India Pvt. Ltd.
4.0	Concessionaire	Prayagraj Water Pvt. Ltd. (SPV of ADANI Enterprise Ltd. JV Organica Technologiak ZRT)
5.0	Contract Value (Capex + Opex)	INR 908.3 Crore
6.0	Effective Date	16 <sup>th</sup> September 2019
7.0	Construction Completion Date	Package-I; 24 months from effective date Package-II; 12 months from effective date Package-III; 6 months from effective date
6.0	Operation & Maintenance	Package-I; 15 years from commercial operation date Package-II; 16 years from commercial operation date Package-III; 16.5 years from commercial operation date

## 5. Site Location



Entire work has been divided/ distributed in the following 3 packages.

- Package-I: Construction of 03 Nos. new STP's with Associated Infrastructure (Naini-II (42 MLD), Jhansi (16 MLD) & Phaphamau (14 MLD)). Setup rooftop Solar Power Plant of capacity 930kW (110kW at Phaphamau, 800kW at Naini-II and 20kW at Jhansi).
- Package II: Rehabilitate and Restore 02 Nos. STP's with Associated Infrastructure (Rajapur (60 MLD) & Naini-I (60+20 MLD)).
- Package III: Rehabilitate and Restore 04 Nos. STP's with Associated Infrastructure Numayadahi (50 MLD), Ponghat (10 MLD), Kodra (25 MLD) & Salori (29 MLD).



## 6. Project Components

The Project components details of each Facility, their grouping in each Package is presented below

Package Number - I				
Nature of work		Facilities		
New construction		Design, develop, finance, construct, operate and maintain, and transfer the Package-I Facilities including three STP facilities with a proposed capacity of 42 MLD at Naini (District G), 14 MLD at Phaphamau (District F), and 16 MLD at Jhunsi along with their Associated Infrastructure, as per the provisions of the Concession Agreement, and in adherence to the applicable Key Performance Indicators		
Sr. No.	Facility Name	Part Of	Details	Capacity (Average)
1	Phaphamau Facilities (District -F)	Phaphamau STP Facilities	Phaphamau STP Plant	14 MLD
			Solar Power Plant	110 Kw
		Phaphamau Associated Infrastructure	Basna Nalla SPS	5.53 MLD
			Nalla Tapping and Trunk Sewer	2 Nos. Tapping
			Shantipuram Main Pumping Station	14 MLD
2	Naini Facilities (District - G)	Naini – II STP Facilities	Naini –II STP	42 MLD
			Solar Power Plant	800 Kw
		Naini -II Associated Infrastructure	Mawaiya Drain SPS	35.85 MLD
			Mawaiya Drain Tapping and Trunk Sewer	3 Nos. Tapping
			Mahewaghat Drain SPS	2.15 MLD
			Mahewaghat Drain and Trunk Sewer	3 Nos. Of Tapping
			Main Pumping Station	43.5 MLD
3	Jhunsi Facilities	Jhunsi STP Facilities	Jhunsi STP	16 MLD
			Solar Power Plant	20 Kw
		Jhunsi Associated Infrastructure	Shastri Bridge SPS	16 MLD
			Nalla Tapping and Trunk Sewer	13 Nos. Tapping
			Main Pumping Station	16 MLD



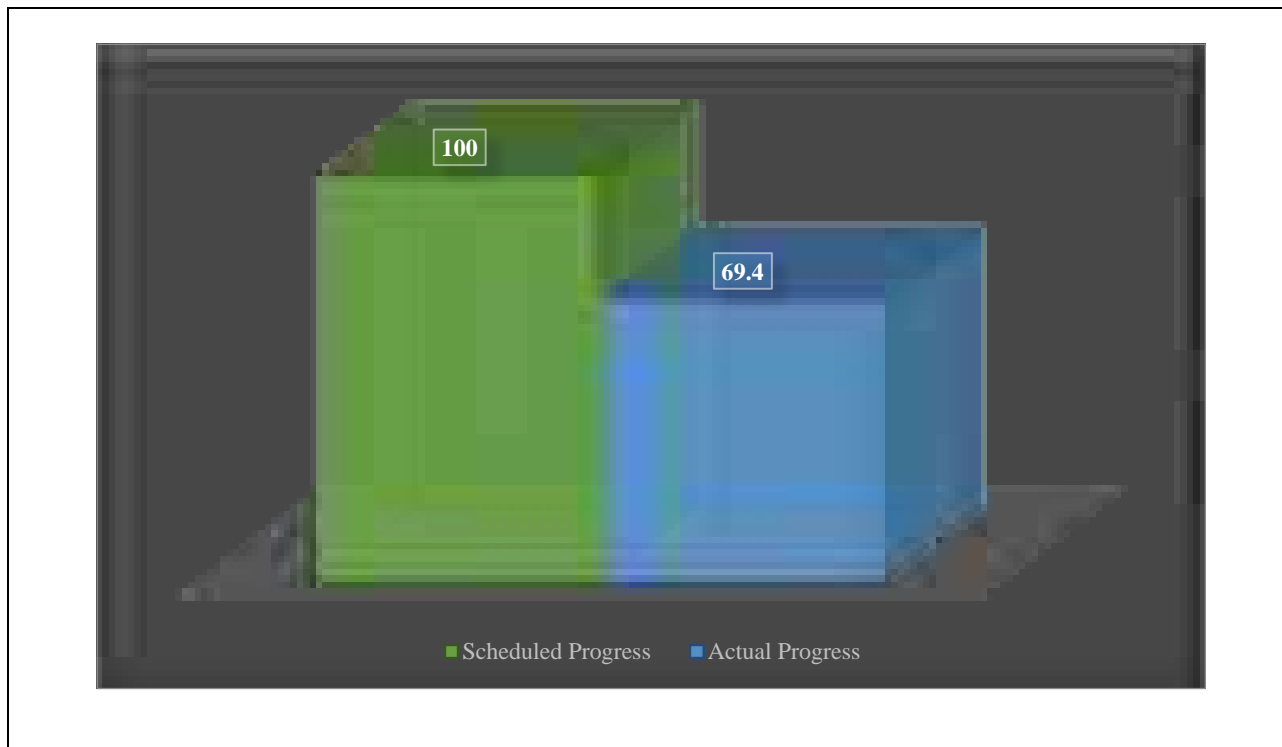
Package Number - II				
Nature of work		Facilities		
<b>Rehabilitation</b>		Design (wherever necessary), rehabilitate, restore, finance, operate and transfer two existing STP Facilities, one of capacity 80 MLD at Naini (District A) and other of capacity 60 MLD at Rajapur (District D) along with their Associated Infrastructure as per the provisions of the Concession Agreement, and in adherence to the applicable Key Performance Indicators.		
Sr. No.	Facility Name	Part Of	Details	Capacity (Average)
1	Naini -I Facilities (District A)	Naini-I STP Facilities	Naini -I STP (60 MLD) STP Technology: ASP	60 MLD
			Naini -I STP (20 MLD) STP Technology: ASP	20 MLD
			Naini- I Biogas Plant	600 KW
		Naini-I Associated Infrastructure	Chachar Nalla SPS	35 MLD with 2 Nos. Tapping
			Gaughat MPS	80 MLD
2	Rajapur Facilities (District D)	Rajapur STP Facilities	Rajapur STP STP Technology: UASB	60 MLD
		Rajapur Associated Infrastructure	Mumfordgunj SPS	55 MLD with 1 Nos. Tapping
			Rajapur SPS	25 MLD with 1 Nos. Tapping

Package Number - III				
Nature of work		Facilities		
<b>Rehabilitation</b>		Design (wherever necessary), rehabilitate, restore, finance, operate and transfer four existing STP Facilities, one of capacity 50 MLD at Numayadahi (District B), one of capacity 29 MLD at Salori (District C), one of capacity 25 MLD at Kodra (District E) and another of capacity 10 MLD at Ponghat (District E), along with their Associated Infrastructure, as per the provisions of the Concession Agreement, and in adherence to the applicable Key Performance Indicators.		
Sr. No.	Facility Name	Part Of	Details	Capacity (Average)
1	Salori Facilities (District - C)	Salori STP Facilities	Salori STP (29 MLD) STP Technology: FAB	29 MLD
		Salori Associated Infrastructure	Salori MPS	29 MLD with 1 Nos. Tapping
2	Numayadahi Facilities (District B)	Numayadahi STP Facilities	Numayadahi STP STP Technology: Bio tower + ASP	50 MLD
		Numayadahi Associated Infrastructure	Ghaggar Nalla SPS	50 MLD with 1 Nos. Tapping
			Sasur Kadheri SPS	15 MLD with 1 Nos. Tapping
			Lukarganj SPS	16.5 MLD with 1 Nos. Tapping
3	Kodra Facilities (District E)	Kodra STP Facilities	Kodra STP STP Technology: Bio tower + ASP	25 MLD
		Kodra Associated Infrastructure	Kodra MPS	25 MLD with 1 Nos. Tapping
4	Ponghat Facilities (District E)	Ponghat STP Facilities	Ponghat STP STP Technology: Bio tower + ASP	10 MLD
		Ponghat Associated Infrastructure	Ponghat MPS	10 MLD with 1 Nos. Tapping

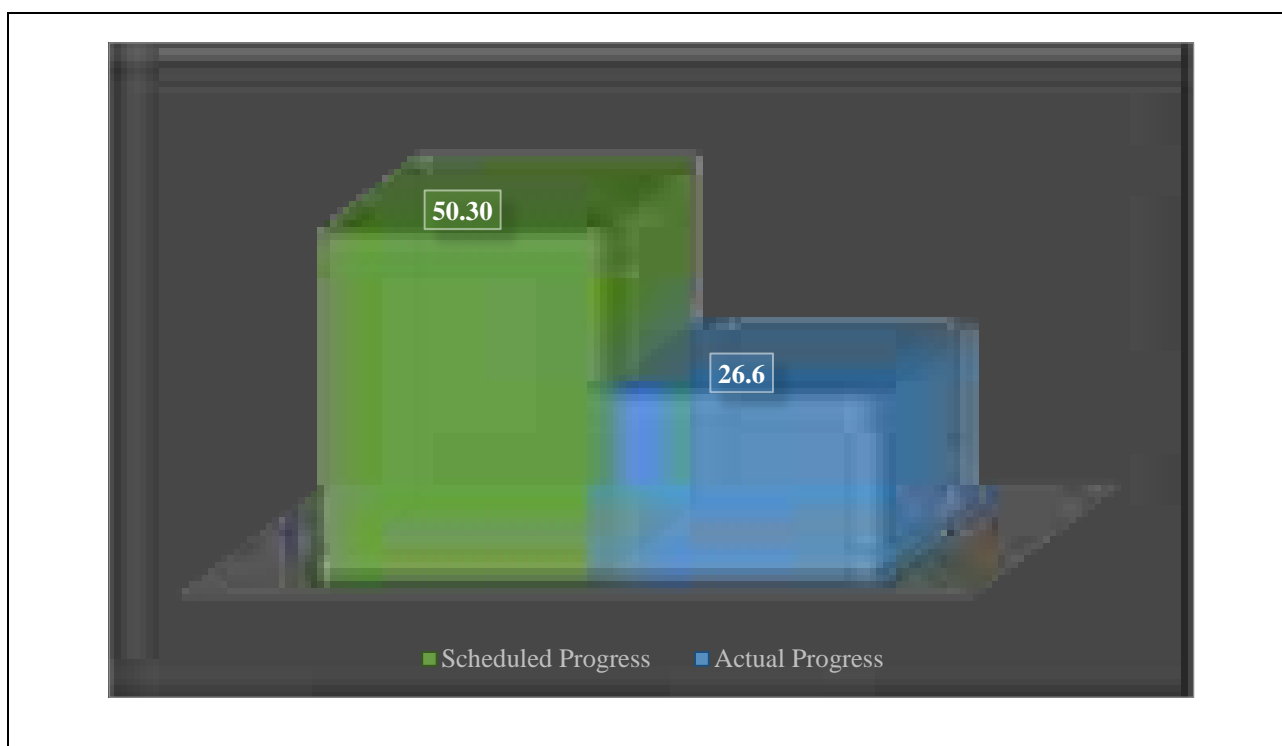
## 7. Status of project

### 7.1 Package-I status

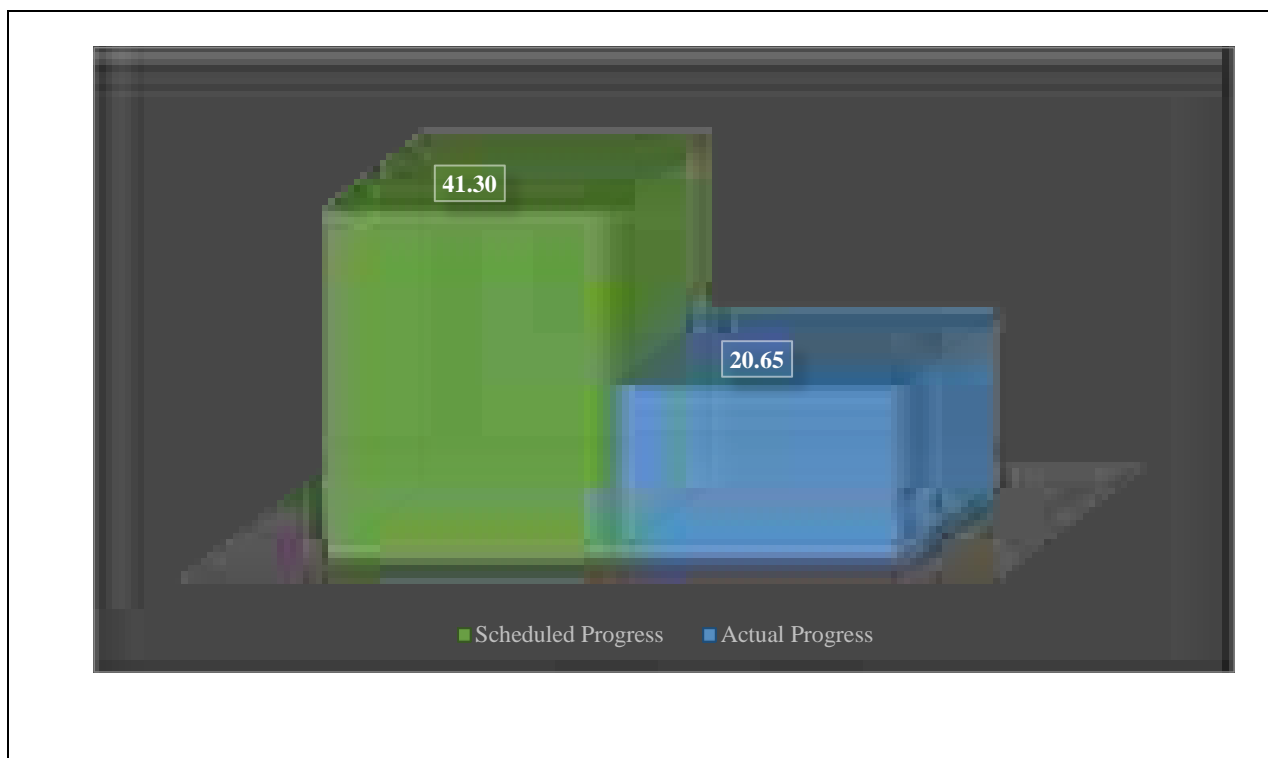
#### 7.1.1. Engineering status



#### 7.1.2 Procurement & Supply status

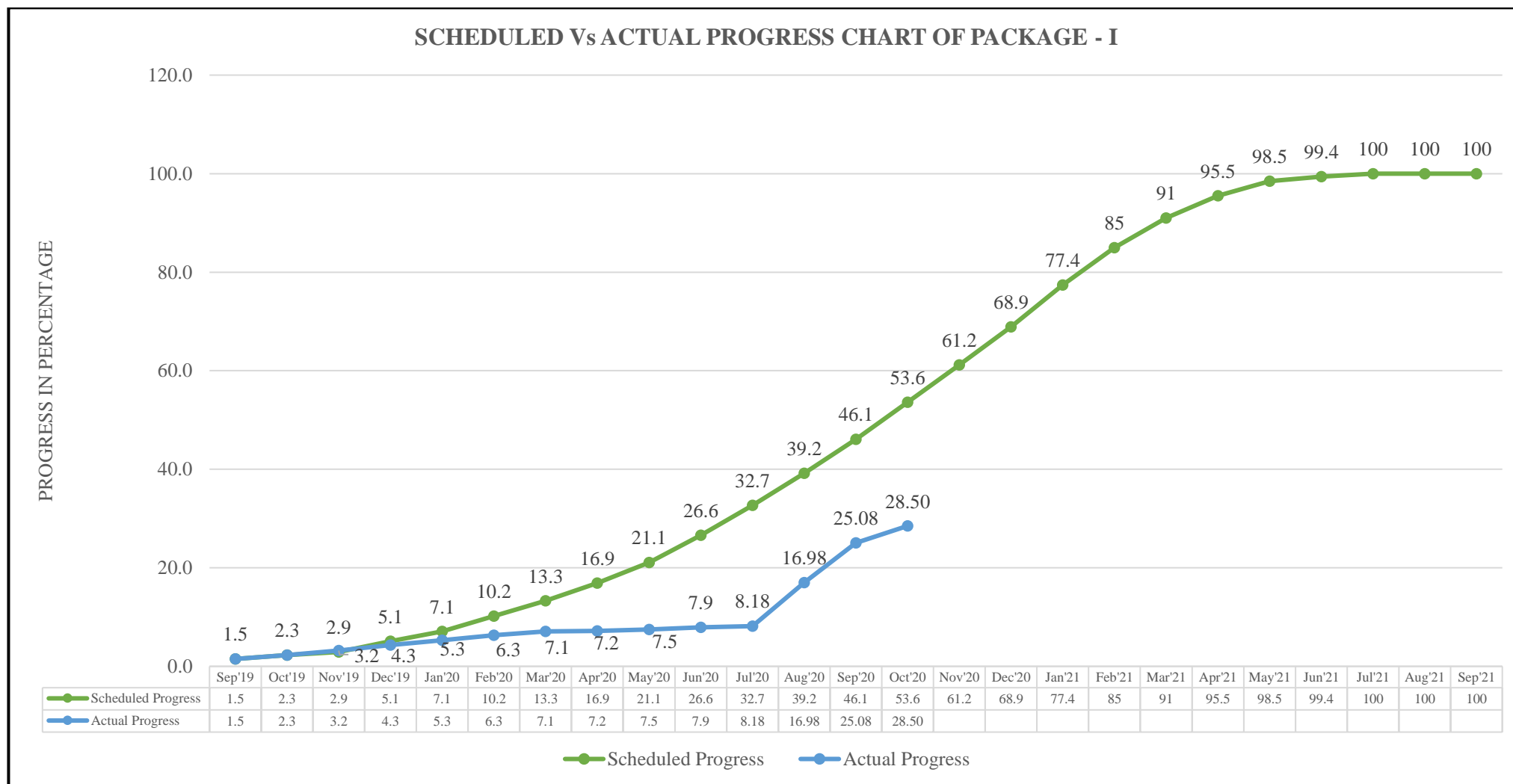


### 7.1.3 Construction, Erection & Commissioning status





## 7.1.4 Overall Package-I Progress



## 7.1.5 Physical Activities in October month

NEW CONSTRUCTION			
S. No.	Structure Description	Structure Qty.	Status
<b>PACKAGE – I</b>			
<b>PHAPHAMAU STP</b>			
1.	FCR tank	01 No.	<ul style="list-style-type: none"> <li>Concrete work of sandwich slab is in progress</li> </ul>
2.	Tube Settler	01 No.	<ul style="list-style-type: none"> <li>92 % PCC work is completed.</li> </ul>
3.	Staff Quarter	01 No.	<ul style="list-style-type: none"> <li>Concrete work of column up to plinth beam is under progress</li> </ul>
4.	MPS	01 No.	<ul style="list-style-type: none"> <li>Excavation work is in progress.</li> </ul>
<b>NAINI – II STP</b>			
5.	FCR tank	01 No.	<ul style="list-style-type: none"> <li>Excavation, Rubble Soling, PCC completed.</li> <li>Bottom Raft (Tank-1 &amp; 2) Reinforcement work complete and Raft concrete work completed.</li> <li>Wall Concrete Work under progress</li> </ul>
6.	Tube Settler	01 Nos	<ul style="list-style-type: none"> <li>Excavation work completed.</li> <li>Rubble soling under progress.</li> </ul>
7.	Process Building	01 Nos	<ul style="list-style-type: none"> <li>Excavation work completed.</li> </ul>
8.	Staff Quarter	01 No.	<ul style="list-style-type: none"> <li>Excavation and PCC work completed</li> <li>Footing and Plinth beam with brick Slab work completed.</li> <li>Tie beam completed.</li> </ul>
9.	Boundary Wall	01 Nos	<ul style="list-style-type: none"> <li>Boundary Wall work in progress</li> </ul>
<b>JHUNSI STP</b>			
10.	FCR tank	01 No.	<ul style="list-style-type: none"> <li>Excavation work is completed.</li> <li>Rubble soling work is completed</li> <li>PCC work completed</li> </ul>
11.	Staff Quarter	01 No.	<ul style="list-style-type: none"> <li>Excavation work is completed.</li> <li>PCC is completed.</li> <li>Footing work is completed</li> </ul>
12.	Site office	01 No.	<ul style="list-style-type: none"> <li>Construction of additional site office work is completed.</li> </ul>



### 7.1.6 Physical Activities as per Construction plan:

Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
<b>Phaphamau STP &amp; Associated Infrastructure</b>						
Tree cutting work	26-12-19	10-01-20	100	100	0	100
Dismantling of existing structure	21-12-19	05-01-20	100	100	0	100
<b>FCR tank unit</b>	08-02-20	25-02-21				
Excavation work	08-02-20	09-03-20	100	100	0	100
Boulder filling work	06-03-20	01-05-20	100	100	0	100
PCC work	28-04-20	06-05-20	100	100	0	100
RCC upto completion	03-05-20	14-01-21	70	13.5	16.5	30
Other Misc Works	11-01-21	25-02-21				
Hydrotesting	08-01-21	16-01-21				
<b>Tube settler, CCT &amp; Sludge storage Tank</b>	14-04-20	22-12-20				
Earth work & Boulder filling work	14-04-20	09-05-20	100	75	17	92
PCC work	06-05-20	16-05-20	100	10	40	50
RCC upto completion	16-05-20	27-11-20				
Other Misc Works	12-11-20	22-12-20				
Hydrotesting	27-11-20	02-12-20				
<b>Main Process Building</b>	03-06-20	15-03-21				
Excavation	03-06-20	22-06-20				
Rubble soling/ Stone filling work	22-06-20	26-06-20				
PCC	23-06-20	28-06-20				
Structure completion (Expect finishing works)	28-06-20	05-03-21				
Other Misc. Works	18-02-21	15-03-21				
Hydrotesting	05-03-21	10-03-21				
<b>Basana Nalla SPS and I&amp;D Works</b>	22-06-20	15-03-21				
Excavation work	22-06-20	22-07-20				
PCC	22-07-20	27-07-20				
RCC upto completion	27-07-20	09-03-21				
Hydrotesting	09-03-21	13-03-21				
Boundary wall	10-10-20	27-02-21				
Staff quarter	02-08-20	10-12-20				
Other Misc. Works	11-09-20	15-03-21				
<b>Shantipuram MPS and I&amp;D Works</b>	24-07-20	15-03-21				





Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
Excavation work	24-07-20	23-08-20	100	5	10	15
PCC	23-08-20	30-08-20				
RCC work upto completion	30-08-20	08-03-21				
Other Misc Works	08-03-21	15-03-21				
Hydrotesting	11-03-21	15-03-21				
Staff quarter	02-08-20	31-10-20	100	16	10	36
<b>Pipe laying (Rising Main &amp; Gravity Main)</b>	11-09-20	05-03-21				
<b>Rising main</b>	30-11-20	23-02-21				
Excavation, Laying & Jointing, Backfilling/ Restoration works	30-11-20	13-02-21				
Hydrotesting	13-02-21	23-02-21				
<b>Gravity Main</b>	11-09-20	05-03-21				
Excavation, Laying & Jointing, Backfilling/ Restoration works	11-09-20	28-02-21				
Hydrotesting	03-02-21	05-03-21				
<b>Other works</b>	15-11-19	27-02-21				
Site office (Temporary office)	15-11-19	14-01-20	100	90	10	100
Other misc works (Boundary Wall, Road, rain water harvesting, Land scaping etc)	02-07-20	27-02-21				
<b>Mechanical Erection-STP</b>	13-11-20	17-05-21				
Pumps	07-01-21	19-03-21				
Lamella clarifier/ Tube settler	13-11-20	08-02-21				
Grit removal system	26-02-21	07-05-21				
Blowers & Diffuser	26-02-21	07-05-21				
Firefighting System	26-02-21	07-05-21				
Screens	26-02-21	07-05-21				
Piping, Valves & Gates	18-02-21	17-05-21				
Chlorination	13-02-21	15-05-21				
Media Installation/ Bio module	02-01-21	22-04-21				
Other misc. work	02-01-21	15-05-21				



Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
<b>Mechanical Erection- SPS &amp; MPS</b>	03-02-21	15-05-21				
Pumps	27-02-21	14-05-21				
Screens	25-03-21	06-05-21				
Piping, Valves & Gates	03-02-21	15-05-21				
Other misc. work	24-02-21	15-05-21				
<b>Electrical and C&amp;I- STP Unit</b>	14-01-21	15-05-21				
Transformer Installation	14-01-21	28-02-21				
HT/LT Panel erection	17-01-21	13-03-21				
Instrumentation works	08-02-21	15-05-21				
CCTV	29-04-21	14-05-21				
Cable Laying	12-02-21	15-05-21				
PLC Panel & Online monitoring system	02-02-21	14-05-21				
Solar Panel	02-02-21	08-05-21				
DG Installation	12-02-21	13-04-21				
Other misc. work	17-01-21	14-05-21				
<b>Electrical and C&amp;I- SPS &amp; MPS</b>	07-02-21	15-05-21				
Transformer Installation	10-02-21	02-04-21				
HT/LT Panel Erection	07-02-21	04-04-21				
CABLE LAYING	07-02-21	27-04-21				
DG Installation	07-02-21	03-04-21				
PLC Panel & Online monitoring system	23-02-21	08-04-21				
Other misc. work	08-03-21	27-04-21				
Commissioning of Mech., Electrical and C&I	15-05-21	15-06-21				
<b>Naini-II STP &amp; Associated Infrastructure</b>						
Removal of shrubs	25-01-19	09-02-20	100	100	0	100
<b>FCR tank unit</b>	09-02-20	15-03-21				
Excavation work	09-02-20	15-03-20	100	95	5	100
Boulder filling work	22-05-20	31-07-20	100	100	0	100
PCC work	24-07-20	08-08-20	100	90	10	100
RCC work upto completion	05-08-20	03-03-21	50	20	10	30
Other Misc Works	01-02-21	15-03-21				
Hydrotesting	05-03-21	15-03-21				



Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
<b>Tube settler, CCT &amp; Sludge storage Tank</b>	14-05-20	15-03-21				
Earth work & Boulder filling work	14-05-20	28-06-20	100	29	10	39
PCC work	11-07-20	19-07-20				
RCC work upto completion	19-07-20	03-03-21				
Other Misc Works	27-01-21	13-03-21				
Hydrotesting	06-03-21	15-03-21				
<b>Main Process Building</b>	24-05-20	12-03-21				
Excavation	24-05-20	28-06-20				
Rubble soling/ Stone filling work	23-06-20	23-07-20				
PCC	08-07-20	07-08-20				
Structure completion (Expect finishing works)	07-08-20	23-02-21				
Other Misc Works	09-02-21	12-03-21				
Hydrotesting	23-02-21	05-03-21				
<b>Mawaiya SPS and I&amp;D work</b>	03-06-20	15-03-21				
Excavation work	03-06-20	23-06-20				
PCC	23-06-20	03-07-20				
RCC WORK upto completion	03-07-20	18-02-21				
Hydrotesting	18-02-21	21-02-21				
Boundary wall	12-08-20	10-12-20				
Staff quarter	01-10-20	08-02-21				
I&D Other misc works	31-10-20	15-03-21				
<b>Mahewaghat SPS and I&amp;D work</b>	17-06-20	15-03-21				
Excavation work	17-06-20	22-07-20				
PCC	22-07-20	29-07-20				
RCC Work upto completion	29-07-20	14-02-21				
Other finishing work	01-09-20	07-03-21				
Hydrotesting	10-02-21	16-02-21				
Boundary wall	06-11-20	06-03-21				
Staff quarter	26-11-20	01-03-21				
I&D Other misc works	18-11-20	15-03-21				
<b>Naini-II MPS and I&amp;D work</b>	03-07-20	15-03-21				



Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
Excavation work	03-07-20	07-08-20				
PCC	04-08-20	09-08-20				
RCC Work upto completion	09-08-20	07-03-21				
Other finishing work	31-01-21	10-03-21				
Hydrotesting	10-03-21	15-03-21				
Staff quarter	03-07-20	31-10-20	75	24.5	6.5	31
I&D Other misc works	02-11-20	15-03-21				
<b>Pipe laying ( Rising Main &amp; Gravity Main)</b>	13-07-20	15-03-21				
<b>Rising main</b>	10-11-20	16-02-21				
Excavation, Laying & Jointing, Backfilling/ Restoration works	10-11-20	08-02-21				
Hydrotesting	06-02-21	16-02-21				
<b>Gravity Main</b>	13-07-20	15-03-21				
Excavation, Laying & Jointing, Backfilling/ Restoration works	13-07-20	28-02-21				
Hydrotesting	24-01-21	15-03-21				
<b>Other works</b>	27-11-19	15-05-21				
Site office (Temporary office)	27-11-19	11-01-20	100	100	0	100
Other misc works (Boundary Wall, Road, rain water harvesting, Land scaping etc)	23-12-19	15-05-21	0	20	5	25
<b>Mechanical Erection-STP unit</b>	01-02-21	15-05-21				
Pumps	03-03-21	12-05-21				
Lamella clarifier/ Tube settler	18-03-21	02-05-21				
Grit removal system	23-02-21	24-04-21				
Piping, Valves & Gates	13-02-21	15-05-21				
Fire fighting system	16-02-21	13-05-21				
Chlorination	16-02-21	13-05-21				
Blowers & Diffuser	06-02-21	07-05-21				
Screens	02-03-21	01-05-21				
Media Installation/ Bio module	13-03-21	12-05-21				
Other misc. work	01-02-21	13-05-21				



Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
<b>Mechanical Erection- SPS &amp; MPS</b>	13-02-21	15-05-21				
Pumps	15-03-21	14-05-21				
Screens	28-02-21	29-04-21				
Piping, Valves & Gates	13-02-21	15-05-21				
Other misc. work	23-02-21	15-05-21				
<b>Electrical and C&amp;I- STP Unit</b>	12-01-21	15-05-21				
Transformer Installation	13-03-21	15-05-21				
HT/LT panel erection	03-03-21	15-05-21				
PLC Panel & Online monitoring system	03-03-21	15-05-21				
Instrumentation works	23-02-21	09-05-21				
CCTV	27-04-21	12-05-21				
Cable laying	23-02-21	15-05-21				
Solar Panel	11-02-21	12-05-21				
Other misc. work	12-01-21	27-04-21				
<b>Electrical and C&amp;I- SPS &amp; MPS</b>	15-02-21	15-05-21				
Transformer Installation	07-03-21	27-04-21				
HT/LT panel erection	24-02-21	21-04-21				
CABLE LAYING	15-02-21	15-05-21				
DG Installation	07-03-21	16-04-21				
PLC Panel & Online monitoring system	21-03-21	20-04-21				
Other misc. work	07-03-21	15-05-21				
Commissioning of Mech., Electrical and C&I	15-05-21	15-06-21				
<b>Trial Run, Final Inspection and COD</b>	15-06-21	15-09-21				
Trial Run and Final Inspection	15-06-21	14-09-21				
COD	14-09-21	15-09-21				
<b>Jhansi STP &amp; Associated Infrastructure</b>						
<b>FCR tank unit</b>	<b>29-07-20</b>	03-03-21				
Excavation work	29-07-20	22-08-20	100	15	85	100
Boulder filling work	22-08-20	29-08-20	100	15	85	100
PCC work	29-08-20	03-09-20	100	0	100	100
RCC upto completion	03-09-20	20-02-21				
Other finishing work	31-01-21	03-03-21				



Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
Hydrotesting	20-02-21	25-02-21				
<b>Tube settler, CCT &amp; Sludge storage Tank</b>	08-08-20	13-03-21				
Earth work & Boulder filling work	08-08-20	07-09-20				
PCC work	07-09-20	14-09-20				
RCC upto completion	14-09-20	26-02-21				
Other finishing work	06-02-21	10-03-21				
Hydrotesting	10-03-21	13-03-21				
<b>Main Process Building</b>	03-08-20	15-03-21				
Excavation & Column	03-08-20	29-08-20				
Rubble soling/ Stone filling work	29-08-20	07-09-20				
PCC	07-09-20	21-10-20				
Structure completion (Expect finishing works)	21-10-20	10-03-21				
Other finishing work	18-02-21	15-03-21				
Hydrotesting	10-03-21	13-03-21				
<b>Shastri bridge SPS and I&amp;D work</b>	19-06-20	15-03-21				
Excavation work	19-06-20	09-07-20				
PCC	06-07-20	16-07-20				
RCC upto completion	16-07-20	12-01-21				
Other finishing work	22-01-21	26-02-21				
Hydrotesting	26-02-21	01-03-21				
Boundary wall	28-12-20	10-03-21				
Staff quarter	31-07-20	19-10-20				
Other Misc works	28-12-20	15-03-21				
<b>Jhunsi MPS and I&amp;D work</b>	08-08-20	15-03-21				
Excavation work	18-08-20	12-09-20				
PCC	12-09-20	19-09-20				
RCC upto completion	19-09-20	19-02-21				
Other finishing work	30-01-21	11-03-21				
Hydrotesting	11-03-21	15-03-21				
Staff quarter	14-10-20	27-01-21	25	15	12	27
Other Misc works	23-11-20	06-02-21				
<b>Pipe laying ( Rising Main &amp; Gravity Main)</b>	08-08-20	15-03-21				
<b>Rising main</b>	26-11-20	04-03-21				



Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
Excavation, Laying & Jointing, Backfilling/ Restoration works	26-11-20	24-02-21				
Hydrotesting	22-02-21	04-03-21				
<b>Gravity Main</b>	08-08-20	15-03-21				
Excavation, Laying & Jointing, Backfilling/ Restoration works	08-08-20	06-03-21				
Hydrotesting	30-01-21	15-03-21				
<b>Other works</b>	14-02-20	20-03-21				
Site office (Temporary office)	14-02-20	29-04-20	100	70	30	100
Other misc works (Boundary Wall, Road, rain water harvesting, Land scaping etc)	13-07-20	20-03-21				
<b>Mechanical Erection- STP unit</b>	30-01-21	15-05-21				
Pumps	27-02-21	06-05-21				
Lamella clarifier/ Tube settler	05-03-21	24-04-21				
Firefighting System	02-03-21	13-05-21				
Chlorination	02-03-21	13-05-21				
Grit removal system	02-03-21	13-05-21				
Blowers & Diffuser	10-03-21	15-05-21				
Screens	30-01-21	10-05-21				
Piping, Valves & Gates	05-03-21	14-05-21				
Media Installation/ Bio module	13-03-21	12-05-21				
Other misc. work	13-03-21	15-05-21				
<b>Mechanical Erection- SPS &amp; MPS</b>	12-01-21	15-05-21				
Pumps	19-02-21	15-05-21				
Screens	01-03-21	15-05-21				
Piping, Valves & Gates	15-03-21	15-05-21				
Other misc. work	12-01-21	05-04-21				
<b>Electrical and C&amp;I- STP Unit</b>	02-12-20	15-05-21				
Transformer Installation	02-12-20	29-01-21				
HT/LT panel erection	10-03-21	07-05-21				

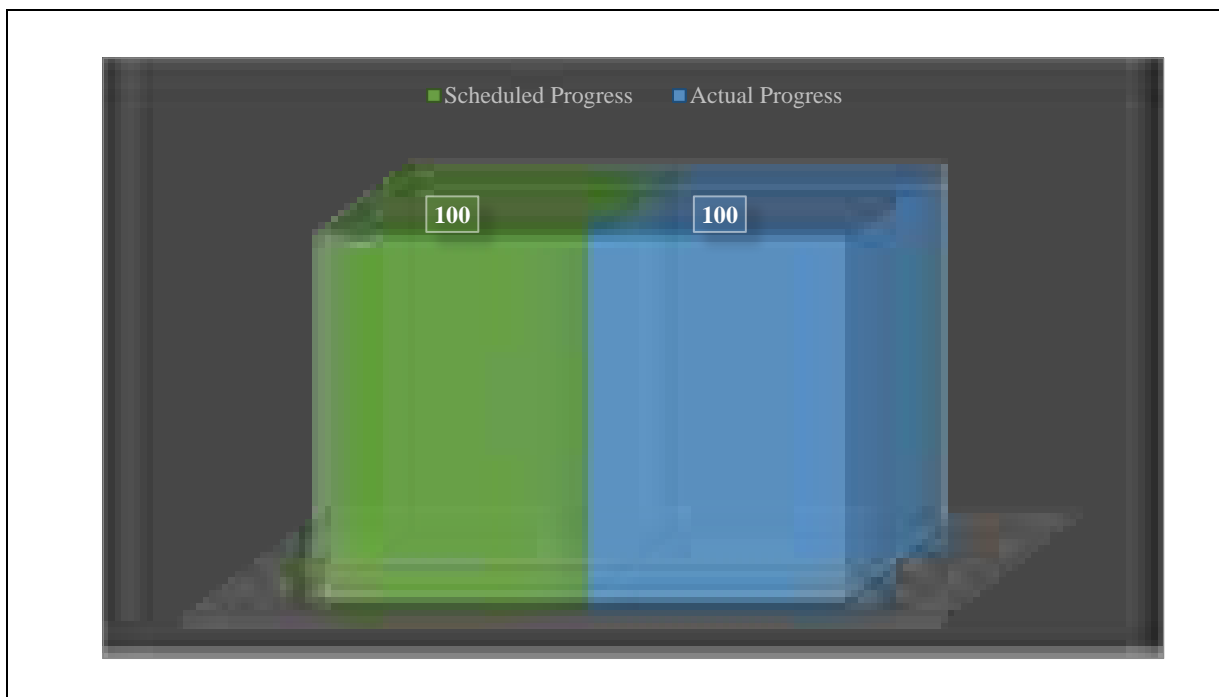




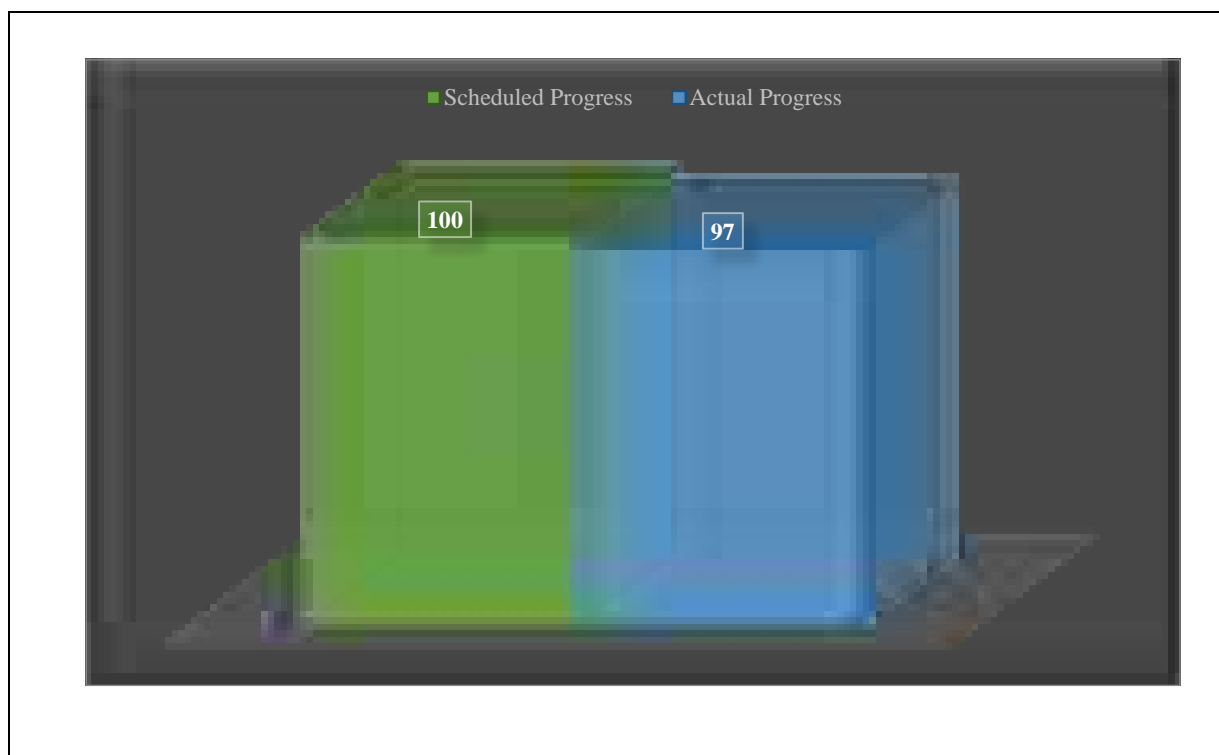
Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
PLC Panel & Online monitoring system	10-03-21	29-04-21				
Instrumentation works	08-03-21	15-05-21				
CCTV	24-04-21	14-05-21				
Cable laying	20-02-21	15-05-21				
DG Installation	22-12-20	31-01-21				
Solar Panel	10-01-21	10-05-21				
Other misc. work	03-03-21	15-05-21				
<b>Electrical and C&amp;I- SPS &amp; MPS</b>	13-12-20	13-05-21				
Transformer Installation	13-12-20	02-02-21				
HT/LT Panel erection	21-03-21	13-05-21				
Cable laying	02-01-21	28-03-21				
DG Installation	02-02-21	26-03-21				
PLC Panel & Online monitoring system	26-03-21	09-05-21				
Other misc. work	19-02-21	13-05-21				
Commissioning of Mech., Electrical and C&I	15-05-21	15-06-21				
<b>Trial Run, Final Inspection and COD</b>	15-06-21	15-09-21				
Trial Run and Final Inspection	15-06-21	14-09-21				
COD	14-09-21	15-09-21				

## 7.2 Package-II status

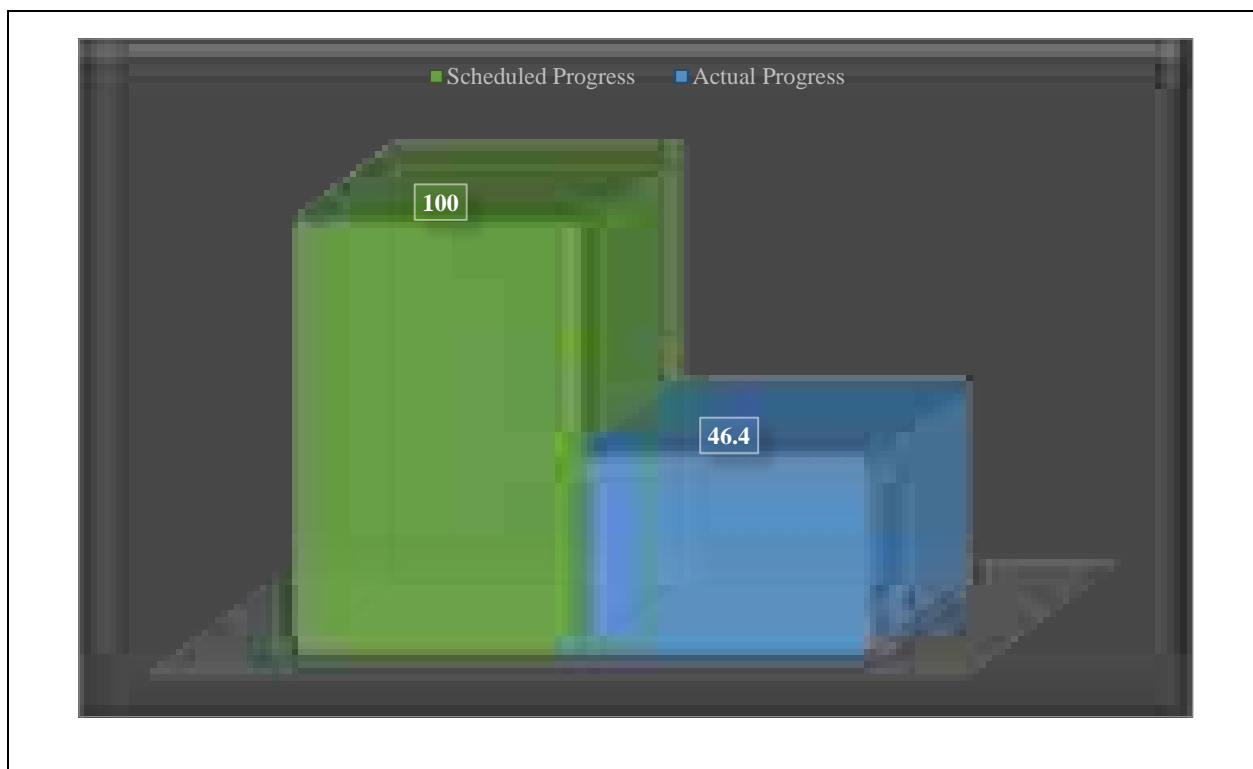
### 7.2.1. Engineering status



### 7.2.2 Procurement & Supply status

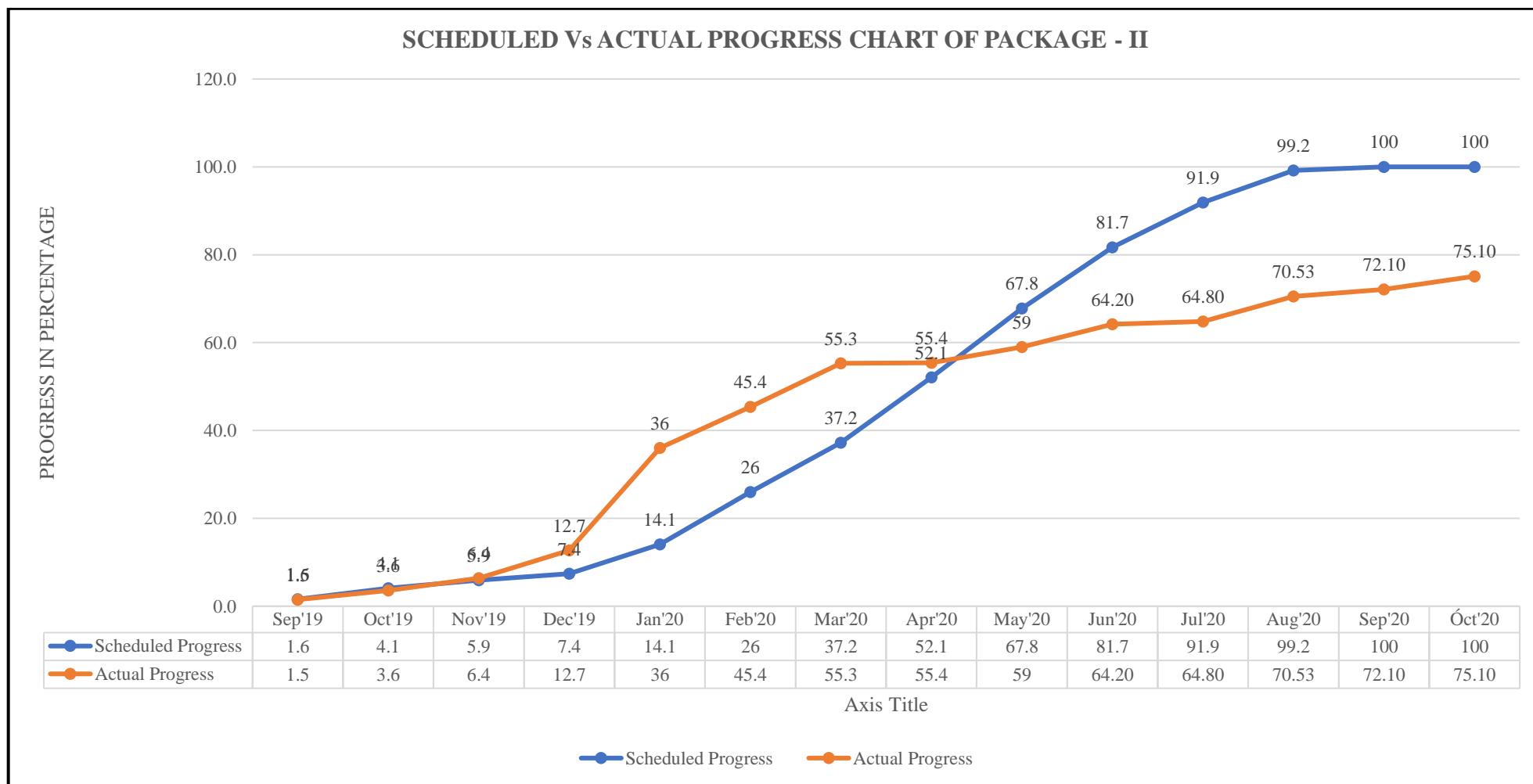


### 7.2.3 Construction, Erection & Commissioning status





## 7.2.4 Overall Package-II Progress



## 7.2.5 Physical Activities in October month

NEW CONSTRUCTION			
S. No.	Structure Description	Structure Qty.	Status
<b>PACKAGE – II</b>			
<b>GAUGHAT MPS</b>			
1.	PLC building	01 Nos	<ul style="list-style-type: none"> <li>Room shuttering work completed.</li> <li>Reinforcement work under progress.</li> </ul>
<b>RAJAPUR STP</b>			
2.	Sludge Dewatering Building	01 No.	<ul style="list-style-type: none"> <li>Excavation, rubble soling &amp; PCC work completed.</li> <li>Footing casting completed.</li> <li>Column casting up to plinth beam completed.</li> </ul>
3.	Battery Room	01 No.	<ul style="list-style-type: none"> <li>Excavation &amp; PCC work completed.</li> <li>Footing casting completed.</li> <li>Column casting up to plinth beam completed.</li> <li>Plinth beam casting completed.</li> </ul>
<b>NAINI-I STP</b>			
4.	Sludge Dewatering Building	01 No.	<ul style="list-style-type: none"> <li>Footing excavation completed.</li> <li>PCC work completed.</li> <li>Shuttering &amp; reinforcement work in- progress.</li> </ul>
5.	SCADA Room	01 No.	<ul style="list-style-type: none"> <li>Footing excavation work completed.</li> <li>PCC &amp; RCC work of footing completed.</li> <li>Column Reinforcement work In-progress</li> </ul>
6.	Transformer foundation	01 No.	<ul style="list-style-type: none"> <li>Excavation &amp; PCC work completed.</li> <li>Reinforcement work in Progress</li> </ul>
7.	DG Foundation	02 No.	<ul style="list-style-type: none"> <li>Construction work of D.G foundation is completed.</li> </ul>
8.	Absorption Shed	01 No.	<ul style="list-style-type: none"> <li>Excavation &amp; PCC work completed.</li> <li>Footing RCC work completed.</li> </ul>
9.	Wet Mix filter	01 No	<ul style="list-style-type: none"> <li>Excavation for footing is completed.</li> <li>Column works in progress</li> </ul>
10.	Compressor Room	01 No	<ul style="list-style-type: none"> <li>Excavation is completed.</li> <li>PCC is completed.</li> <li>Footing is completed.</li> <li>Plinth beam completed.</li> <li>Column works above plinth beam in progress</li> </ul>

REHABILITATION UNITS			
NAINI – I STP			
1.	Sludge digester	01 No.	<ul style="list-style-type: none"> <li>Digester cleaning work under progress.</li> </ul>
2.	Grit Chamber	01 No.	<ul style="list-style-type: none"> <li>01 Nos. Grit Mechanism Erection work completed.</li> </ul>
3.	Scrubber Unit (Gas Area)	01 No.	<ul style="list-style-type: none"> <li>Dismantling is completed in H<sub>2</sub>S scrubber unit.</li> </ul>
4.	Compressor Room	01 No.	<ul style="list-style-type: none"> <li>Dismantling is completed in compressor room.</li> </ul>
5.	DFG Set	01 No.	<ul style="list-style-type: none"> <li>Dismantling is in progress for DFG set.</li> </ul>
6.	Primary Clarifier	01 No.	<ul style="list-style-type: none"> <li>Rehabilitation work is under progress.</li> </ul>
7.	Secondary Clarifier	01 No.	<ul style="list-style-type: none"> <li>Rehabilitation work is under progress</li> </ul>
8.	Aeration Tank	02 No.	<ul style="list-style-type: none"> <li>Rehabilitation work is under progress</li> </ul>
9.	Other Miscellaneous works		<ul style="list-style-type: none"> <li>Erection of Surface aerator under progress.</li> <li>TEPH pump erection work under progress.</li> <li>Dismantling of cooling tower work completed.</li> <li>Window repairing work under progress.</li> <li>Renovation of lab room under progress.</li> <li>Desludging at Primary &amp; secondary clarifier under progress.</li> <li>Dismantling &amp; erection of sludge thickener mechanism under progress.</li> <li>Cable laying In-progress.</li> </ul>
RAJAPUR STP			
1.	MEP building	01 No.	<ul style="list-style-type: none"> <li>Repairing work of floor for MEP building is completed &amp; Panel installation is completed.</li> </ul>
2.	UASB	02 No.	<ul style="list-style-type: none"> <li>Cleaning work of UASB is in progress.</li> </ul>
3.	SPS	01 No.	<ul style="list-style-type: none"> <li>Pump replacement work is in progress.</li> </ul>
4.	Bund	01 No.	<ul style="list-style-type: none"> <li>Repairing of Bund is completed.</li> </ul>
5.	Solar Panel	01 No.	<ul style="list-style-type: none"> <li>Installation of Solar panel work under progress.</li> </ul>



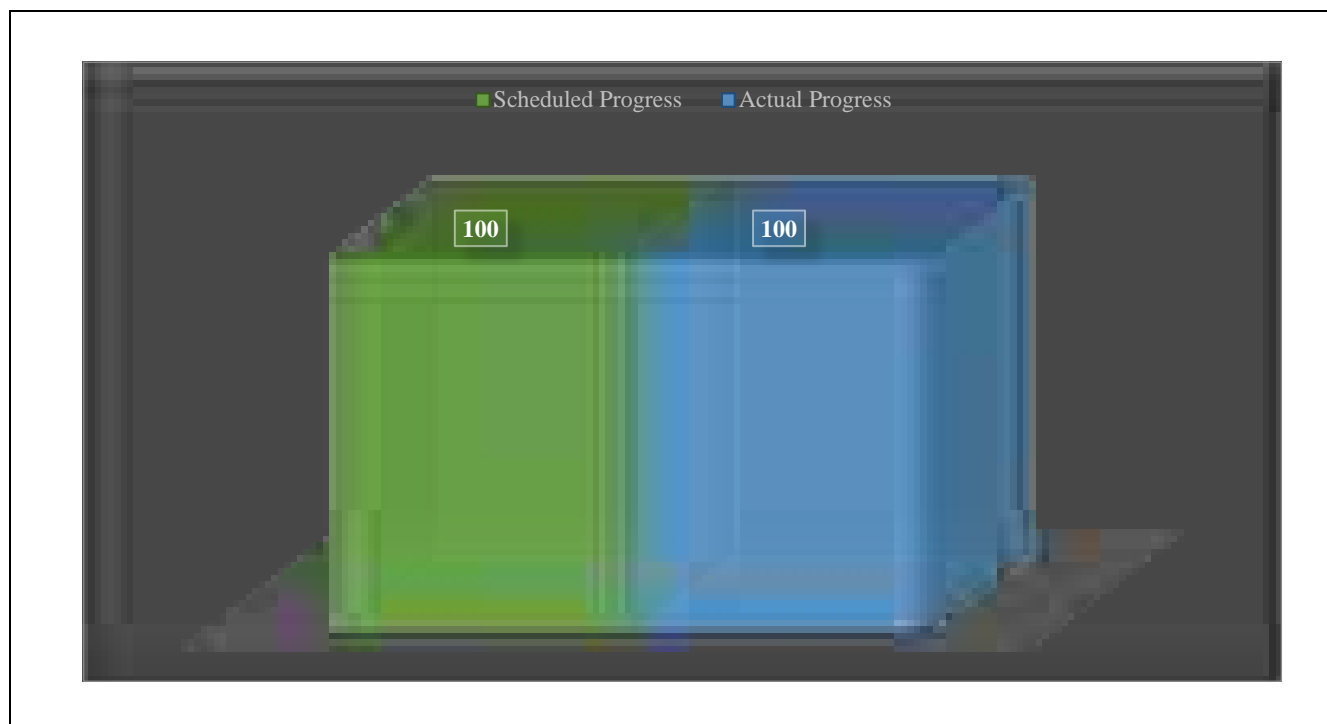
## 7.2.6 Physical Activities status as per Rehabilitation plan:

Work Description	Scheduled Start Date	Scheduled End Date	Scheduled completion (In %)	Completion upto Previous Month (In %) (A)	This month Completion (In %) (B)	Total Completion (In %) (A+B)
<b>Naini-I STP &amp; Associated Infrastructure &amp; Rajapur STP &amp; Associated Infrastructure</b>						
<b>Civil Work</b>						
Civil Work in Plant, MPS, SPS	10-Apr-20	13-Aug-20	100	2	35	37
Building Work	10-Apr-20	13-Aug-20	100	1	30	31
Office Work	10-Apr-20	13-Aug-20	100	95	5	100
<b>Mechanical Work</b>						
Pumps, Blowers, Diffusers	20-Apr-20	15-Aug-20	100	0	10	10
Pipes, Valves, Gates, Screens	4-May-20	15-Aug-20	100	0	8	8
Sludge Dewatering System	11-May-20	15-Aug-20	100	4	10	14
Grit Removal System	21-May-20	15-Aug-20	100	5	30	35
Biogas Engine with Scrubber and Gas Mixing System	5-Jun-20	16-Aug-20	100	0	8	8
Chlorination System	3-Jun-20	14-Aug-20	100	0	0	0
<b>Electrical &amp; C&amp;I Work</b>						
PLC	29-Apr-20	14-Aug-20	100	0	0	0
Field Instruments (Gauges)	14-May-20	13-Aug-20	100	0	0	0
Level Transmitters	29-May-20	14-Aug-20	100	0	0	0
Analyzers	10-May-20	14-Aug-20	100	0	0	0
Cable Traying laying	5-May-20	13-Aug-20	100	0	0	0
Cable Laying, Termination and Glanding	5-May-20	14-Aug-20	100	0	8	8
<b>Commissioning / Trial Run</b>	17-Aug-20	24-Aug-20	100	0	0	0
<b>Final Inspection by Client</b>	17-Aug-20	14-Sep-20	100	0	0	0
<b>COD</b>	14-Sep-20	15-Sep-20	100	0	0	0

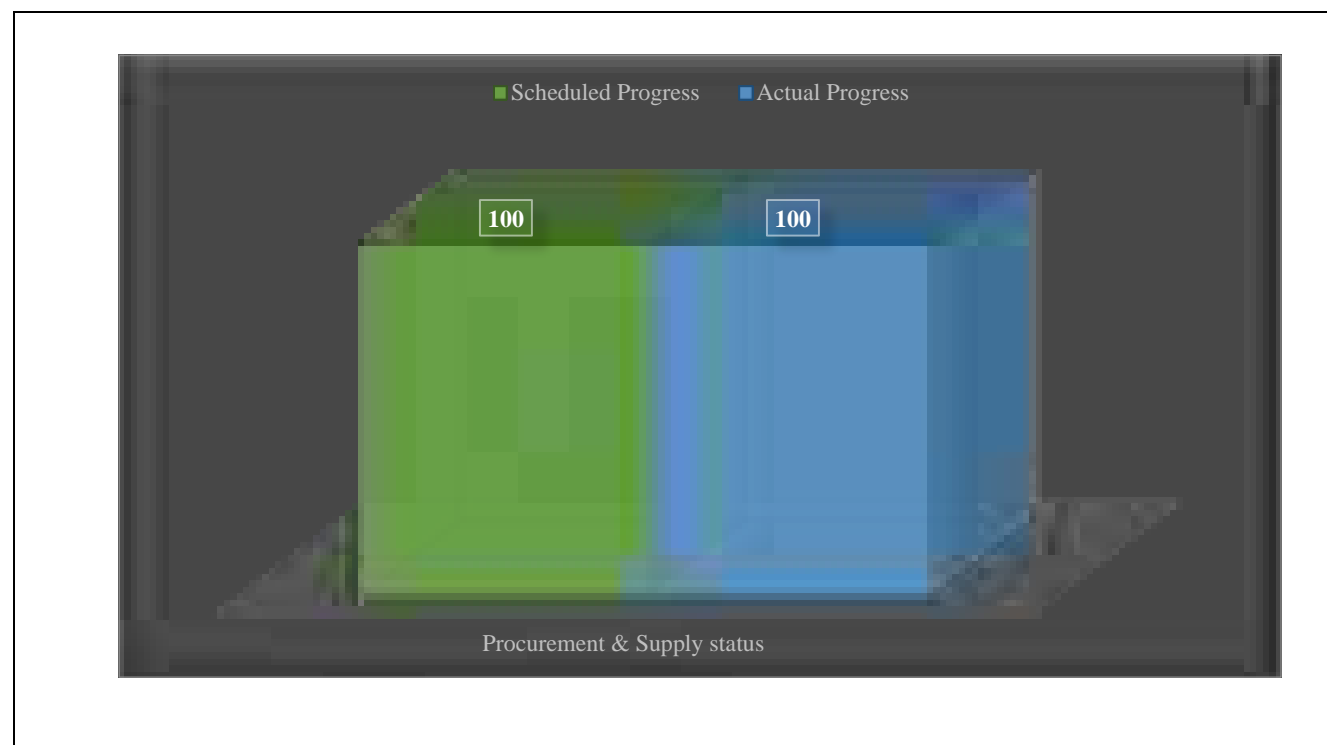


## 7.3 Package-III status

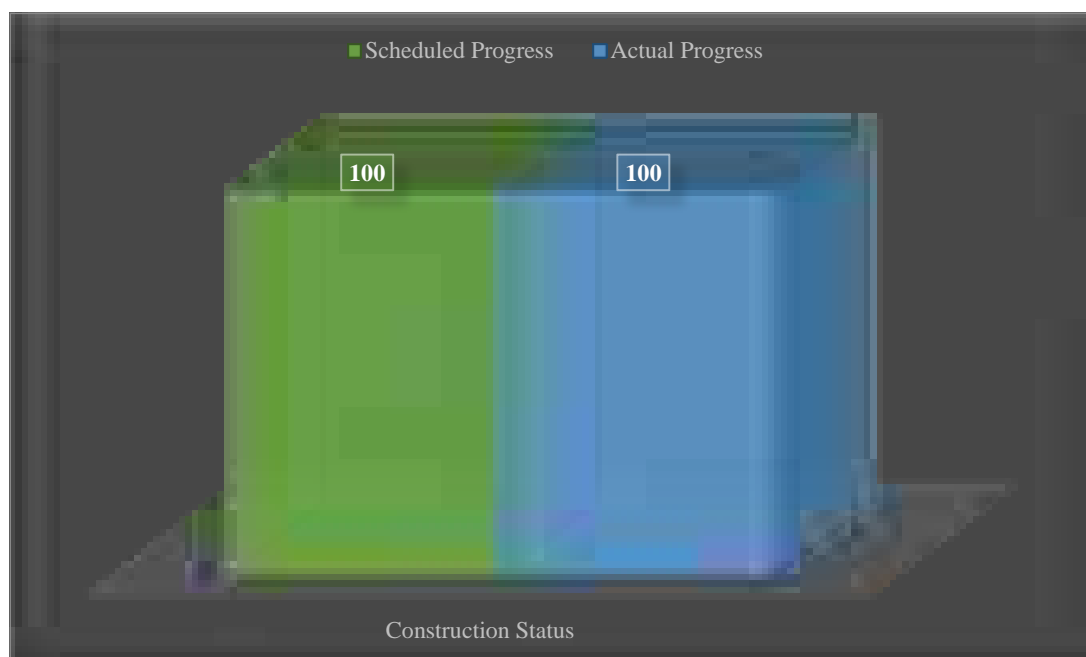
### 7.3.1. Engineering status



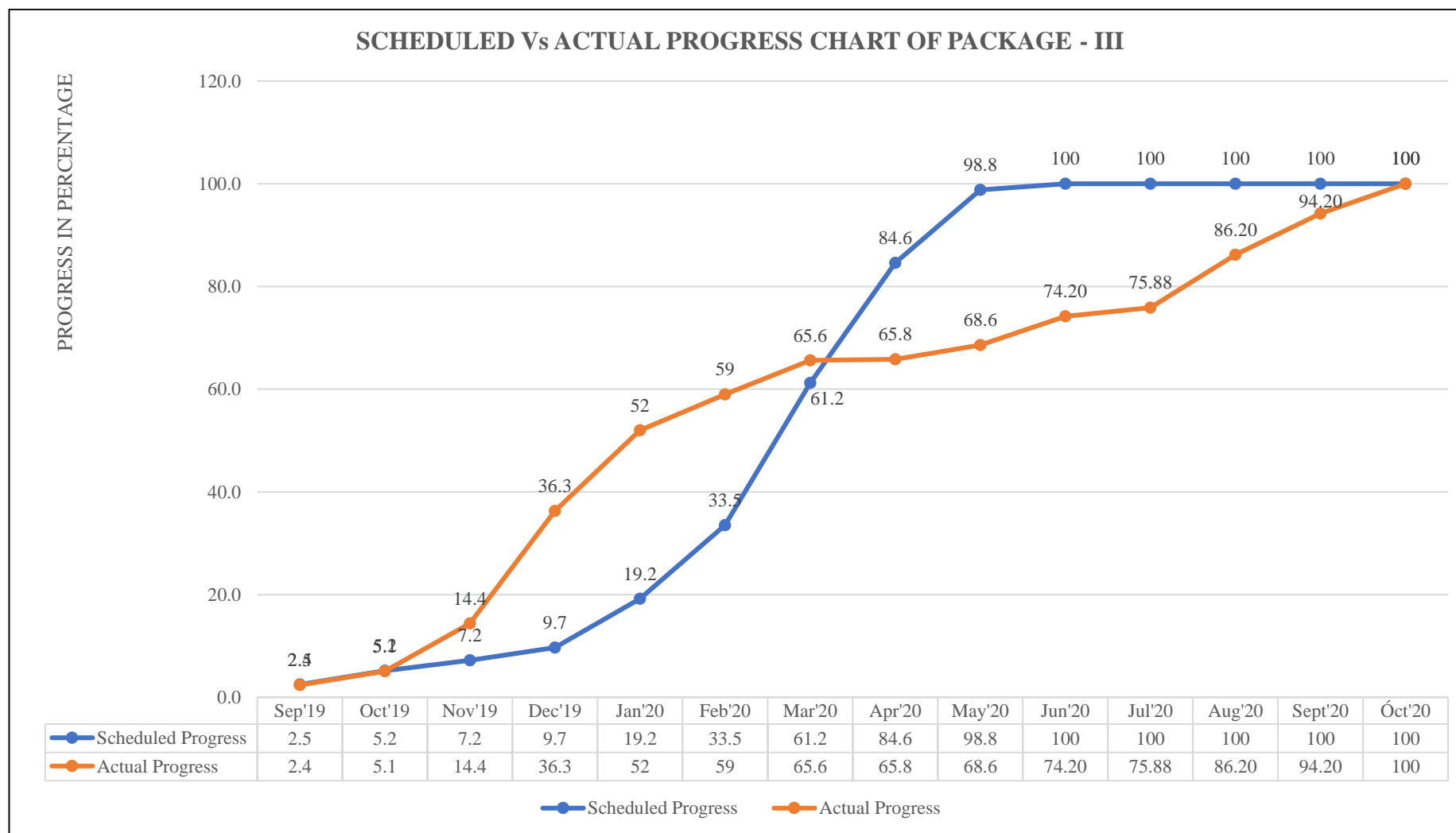
### 7.3.2 Procurement & Supply status



### **7.3.3 Construction, Erection & Commissioning status**



### 7.3.4 Overall Package-III Progress



### 7.3.5 Physical Activities in October month

NEW CONSTRUCTION			
S. No.	Structure Description	Structure Qty.	Status
<b>PACKAGE – III</b>			
<b>SALORI STP</b>			
1.	PLC building	01 No.	Completed
2.	Chlorination room	01 No.	Completed
3.	Sludge Dewatering Building	01 No.	Completed
4.	Absorption Shed	01 No.	Completed
5.	FeCl <sub>3</sub> dosing house Shed	01 No.	Completed
6.	Store Room	01 No.	Completed
<b>LUKARGANJ SPS</b>			
1.	PLC Room	01 No.	Completed
<b>PONGHAT STP</b>			
2.	PLC Room	01 No.	Completed
<b>REHABILITATION UNITS</b>			
<b>NUMAYADAHI STP</b>			
1.	Bio tower	03 No.	Completed
2.	Secondary clarifier	02 No.	Completed
3.	Aeration tank	03No.	Completed
4.	Blower	04 No	Completed
5.	PLC	01 No.	Completed
6.	Chlorine Room	02 No.	Completed
7.	SCADA	01 No.	Completed
8.	Solar Panel	01 Lot	Completed
9.	Grit classifier	02 No.	Completed
10.	Online Monitoring System	01 Unit	Completed
11.	Erection of Handrail/Chequered Plate.	01 Unit.	Completed
12.	Level Transmitter at Sump.	01 Unit.	Completed
<b>KODRA STP</b>			
1.	Bio tower	02 No.	Completed
2.	Secondary clarifier	02 No.	Completed
3.	Aeration tank	01 No.	Completed
4.	SCADA	01 No.	Completed
5.	PLC	01 No.	Completed
6.	Blower	03 No.	Completed
7.	Solar System	01 Lot	Completed
8.	VFD & SD Panel	01 No.	Completed
9.	Grit classifier	02 No.	Completed
10.	Thickener	01 No.	Completed
11.	Secondary Sludge Sump	01 No.	Completed
12.	Level Transmitter at Sump.	01 No.	Completed
13.	Online monitoring System.	01 No.	Completed



<b>PONGHAT STP</b>			
1.	Bio tower	02 No.	Completed
2.	Secondary clarifier	02 No.	Completed
3.	Aeration tank	01 No.	Completed
4.	Blower	03 No.	Completed
5.	VFD & SD Panel	01 No.	Completed
6.	PLC panel	01 No.	Completed
7.	SCADA	01 No.	Completed
8.	Solar Panel	01 No.	Completed
9.	Grit classifier	02 No.	Completed
10.	Online Monitoring System	01 Unit	Completed
11.	Level Transmitter at Sump	01 Unit	Completed
12.	MPS	01 Unit	Completed
13.	Thickener	01 Unit	Completed
<b>SALORI STP</b>			
1.	FAB reactor	02 No	Completed
2.	Grit classifier	01 No	Completed
3.	Clarissettler	02 No	Completed
4.	Dewatering Feed Pump.	01 No	Completed
5.	Chlorine Unit.	01 No	Completed
6.	Absorption System	01 No	Completed
7.	LV panel	01 No	Completed
8.	Solar Panel	01 No	Completed
9.	Blower	03 No.	Completed
10.	Level Transmitter at Sump	01 Unit	Completed
11.	Secondary Sludge Pump	01 Unit	Completed
12.	Strengthening & surface coating of steel structure.	01 Unit	Completed
13.	Online Monitoring System	01 Unit	Completed
14.	MPS	01 Nos.	Completed

### 7.3.6 Physical Activities status as per Rehabilitation plan:

Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion upto previous month (In %) (A)	This month Completion (In %) (B)	Total completion (In %) (A+B)
<b>Numayadahi, Kodra, Ponghat &amp; Salori STP &amp; Associated Infrastructure</b>						
<b>Civil Work</b>						
Civil Work in Plant, MPS, SPS	23-03-20	17-10-20	100	95	5	100
Building Work	22-03-20	17-10-20	100	95	5	100
Office Work	26-03-20	17-10-20	100	95	5	100
<b>Mechanical Work</b>						
Pumps, Blowers, Diffusers	13-03-20	17-10-20	100	95	5	100
Pipes, Valves, Gates, Screens	18-03-20	17-10-20	100	95	5	100
Sludge Dewatering System	18-05-20	17-10-20	100	95	5	100
Grit Removal System	13-05-20	17-10-20	100	90	10	100
Media	05-03-20	17-10-20	100	95	5	100
Chlorination System	18-05-20	17-10-20	100	90	10	100
<b>Electrical &amp; C&amp;I</b>						
PLC	20-03-20	17-10-20	100	95	5	100
Field Instruments (Gauges)	20-03-20	17-10-20	100	90	10	100
Level Transmitters	20-03-20	17-10-20	100	90	10	100
Analyzers	20-03-20	17-10-20	100	95	5	100
Cable Traying laying	20-03-20	17-10-20	100	95	5	100
Cable Laying, Termination and Glanding	30-03-20	17-10-20	100	95	5	100
<b>Commissioning / Trial Run</b>	17-10-20	24-10-20	100	90	10	100
<b>Final Inspection by Client</b>	25-10-20	31-10-20	100	90	10	100
<b>COD</b>	31-10-20	31-10-20	100	90	10	100

## 8. Meetings, Discussions and Site Visits:

Regular progress review meetings are being held at UPJN office & sites. Following meetings were held during the month of October' 2020

Sr. No.	Meeting with UPJN / NMCG / PWPL	Date	Attendees	Description
1.	Site visit at Package - II facility	01.10.2020	1. Support Mechanical Engineer (II) - AECOM	Inspection Regarding ongoing E&M activities in Naini-I STP
2.	Site visit at Package - I facility	01.10.2020	1. Support Civil Engineer (III) - AECOM	Inspection Regarding ongoing Civil activities in Jhunsi STP
3.	Site visit at Package - I facility	01.10.2020	1. Support Civil Engineer (IV) - AECOM	Inspection Regarding ongoing Civil activities in Naini-II STP
4.	Site visit at Package - I facility	03.10.2020	1. Support Civil Engineer (I) - AECOM	Inspection Regarding ongoing Civil activities in Phaphamau STP
5.	Site visit at Package - III facility	05.10.2020	1. Support Civil Engineer (I) - AECOM	Inspection Regarding ongoing Civil activities in Kodra STP
6.	Site visit at Package - I facility	05.10.2020	1. Support Civil Engineer (IV) - AECOM	Inspection Regarding ongoing Civil activities in Naini-II STP
7.	Site visit at Package - I facility	05.10.2020	1. Support Civil Engineer (III) - AECOM	Inspection Regarding ongoing Civil activities in Jhunsi STP
8.	Site visit at Package - I & II facility	06.10.2020	1. Support Civil Engineer (IV) - AECOM	Inspection Regarding ongoing Civil activities in Naini-II and Naini-I STP
9.	Site visit at Package - I facility	06.10.2020	1. Support Civil Engineer (III) - AECOM	Inspection Regarding ongoing Civil activities in Jhunsi STP
10.	Site visit at Package - I facility	07.10.2020	1. Support Civil Engineer (I) - AECOM	Inspection Regarding ongoing Civil activities in Phaphamau STP
11.	Site visit at Package - III facility	07.10.2020	1. Support Civil Engineer (III) - AECOM	Inspection Regarding ongoing Civil activities in Salori STP
12.	Site visit at Package - I facility	08.10.2020	1. Support Civil Engineer (III) - AECOM	Inspection Regarding ongoing Civil activities in Jhunsi STP
13.	Site visit at Package - I & II facility	08.10.2020	1. Support Civil Engineer (IV) - AECOM	Inspection Regarding ongoing Civil activities in Naini-II and Naini-I STP





<b>Sr. No.</b>	<b>Meeting with UPJN / NMCG / PWPL</b>	<b>Date</b>	<b>Attendees</b>	<b>Description</b>
14.	Site visit at Package - III facility	12.10.2020	1. Support Civil Engineer (I) - AECOM	Inspection Regarding ongoing Civil activities in Salori STP
15.	Site visit at Package - I facility	19.10.2020	1. Support Civil Engineer (I) - AECOM	Inspection Regarding ongoing Civil activities in Phaphamau STP
16.	Site visit at Package - III facility	20.10.2020	1. Support Civil Engineer (I) - AECOM	Inspection Regarding ongoing Civil activities in Kodra and Ponghat STP
17.	Site visit at Package - II facility	21.10.2020	1. Support Civil Engineer (I) - AECOM	Inspection Regarding ongoing Civil activities in Rajapur STP
18.	Site visit at Package - I facility	23.10.2020	1. Support Civil Engineer (I) - AECOM	Inspection Regarding ongoing Civil activities in Phaphamau STP
19.	Site visit at Package - I facility	24.10.2020	1. Support Civil Engineer (I) - AECOM	Inspection Regarding ongoing Civil activities in Phaphamau STP
20.	Site visit at Package - I facility	25.10.2020	1. Support Civil Engineer (I) - AECOM	Inspection Regarding ongoing Civil activities in Phaphamau STP
21.	Site visit at Package - I facility	26.10.2020	1. Support Civil Engineer (I) - AECOM	Inspection Regarding ongoing Civil activities in Phaphamau STP
22.	Site visit at Package - III facility	27.10.2020	1. Chief Engineer – UPJN 2. Team Leader- AECOM 3. Site Head - PWPL	Inspection Regarding ongoing all activities in Salori and Numayadahi STP
23.	Site visit at Package - III facility	28.10.2020	1. Chief Engineer – UPJN 2. Team Leader- AECOM 3. Site Head - PWPL	Inspection Regarding ongoing all activities in Kodra and Ponghat STP



## 10. Photos of Meetings / Site Visits and Activities

### PACKAGE - I

#### PHAPHAMAU FACILITY



**Shantipuram MPS - Excavation work in progress**



**FCR tank - Reinforcement work in progress**

### **PHAPHAMAU FACILITY**



**FCR tank – Slab casting work in progress**

**NAINI-II STP**



**FCR tank – Lift wall shuttering work in progress**



**Staff Quarter – DE shuttering work in progress**



### **NAINI -II STP**



**Boundary wall - Wall footing reinforcement work in progress**



**NMCG, SMC & UPJN visit at Naini-II STP**

### **JHUNSI STP**



**FCR tank – PCC work completed**



**FCR tank – Reinforcement laying and binding work in progress**

### **JHUNSI STP**



**FCR tank – Reinforcement work in progress**



**Staff Quarter – RCC of column above footing work in progress**



**PACKAGE-II**

**NAINI-I STP**



**Compressor building – Casting of footing work in progress**



**DG Panel - Installation work in progress**



**Wet mix filter room casting work**

**NAINI – I STP**



**Transformer foundation - Shuttering work in progress**



**Sludge thickener mechanism erection work in progress**

### **RAJAPUR STP**



**Battery room – Construction work in progress**

### **RAJAPUR STP**



**Sludge dewatering building – Shuttering work in progress**

**PACKAGE-III**

**NUMAYADAH STP**



**Aeration Tank – Commissioning work in progress**



**Clarifier – Commissioning work in progress**



### NUMAYADAHI STP



CE (UPJN) – Visited at Site lab



Air blower Panel Room in working condition

SALORI STP	
	
Sludge dewatering system – Construction work Completed	FAB tank – Media Filling work in progress
	
Outlet sample at Salori STP	

### **KODRA STP**



**Aeration tank – Commissioning work in progress**



**Bio tower - Commissioning work in progress**

## PONGHAT STP



**Chlorinator system in under operation**



**DO auto pump – Installation work completed**



**Air Blower Header line – Painting work in progress**



## PONGHAT STP



**PLC Building - Construction work completed**



**Aeration tank – Under operation**



**Treated water at outlet point**

## 11. Outward Register

List of key design & documents were reviewed by Project Engineer during this period as below;

Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
1.	AIPL/NMCG/PRAYAG/436	Observation on Rising main piping drawing of Basna Nalla SPS to Phaphamau STP	7-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
2.	AIPL/NMCG/PRAYAG/437	Observation on Rising main piping drawing of MAWAIYA SPS to Naini II STP	7-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
3.	AIPL/NMCG/PRAYAG/438	Observation on Chhachar Nala SPS PLC Room detail Drawing Revision 2	7-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
4.	AIPL/NMCG/PRAYAG/439	Observation on Rising main piping drawing of Mahewaghat to Naini II STP	7-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
5.	AIPL/NMCG/PRAYAG/440	Observation on Trunk sewer drawing from Mawaiya SPS to Naini II MPS(STP)___part 1	7-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
6.	AIPL/NMCG/PRAYAG/441	Observation on Revised & Final FEED Documents for Package III	7-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
7.	AIPL/NMCG/PRAYAG/442	Justification- Selection of Tube Settler over Lamella Clarifier	8-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj



Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
					3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
8.	AIPL/NMCG/PRAYAG/443	Observation on PLC Logic Write-up of C&I of Package II & III	12-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
9.	AIPL/NMCG/PRAYAG/444	Observation on PLC Documents for Package II & III	12-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
10.	AIPL/NMCG/PRAYAG/445	Observation on rising main piping drawing from Naini II MPS to Naini II STP	13-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
11.	AIPL/NMCG/PRAYAG/446	Observation on SCADA & PLC Control System Configuration diagram of Jhansi STP of Package - I	13-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
12.	AIPL/NMCG/PRAYAG/447	Observation on Diffuser piping drawings Package II/III	14-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
13.	AIPL/NMCG/PRAYAG/448	Observation on documents for Chemical Dosing System (PE & FeCl <sub>3</sub> ) Pkg II, III	15-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
14.	AIPL/NMCG/PRAYAG/449	Observation on revised drawings for Inlet Chamber Coarse Screen & Wet Well Naini-II MPS	15-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj



Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
15.	AIPL/NMCG/PRAYAG/450	Observation on Rising main Piping from Shantipuram MPS to Phaphamau STP	15-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
16.	AIPL/NMCG/PRAYAG/451	Observation on revised civil drawings of Sludge Dewatering Building at Naini-I	15-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
17.	AIPL/NMCG/PRAYAG/452	Observation on Chhachar Nala SPS PLC Room detail Drawing	15-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
18.	AIPL/NMCG/PRAYAG/453	Observation on Civil Drawings for Compressor Building at Naini 1 STP	15-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
19.	AIPL/NMCG/PRAYAG/454	Observation on Non clog submersible pumps - Documents	15-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
20.	AIPL/NMCG/PRAYAG/455	Observation on Air compressor	16-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
21.	AIPL/NMCG/PRAYAG/456	Observation on rising main piping drawing from Naini II MPS to Naini II STP	16-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
22.	AIPL/NMCG/PRAYAG/457	Trunk sewer drawing from Mawaiya SPS to Naini II MPS(STP)	16-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj



Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
					3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
23.	AIPL/NMCG/PRAYAG/458	Observation on Revised & Final FEEP Documents for Package III	16-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
24.	AIPL/NMCG/PRAYAG/459	Observation on Valve documents for Package II/III__REVISED	17-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
25.	AIPL/NMCG/PRAYAG/460	Observation on G. A drawing of shastri bridge SPS	17-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
26.	AIPL/NMCG/PRAYAG/461	Observation on Civil design and drawings related to the Screw Pump House Shed at Rajapur STP Rev 1	19-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
27.	AIPL/NMCG/PRAYAG/462	Observation on Civil Drawing for FeCl3 Dosing Shed at Salori	19-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
28.	AIPL/NMCG/PRAYAG/463	Observation on Operation & Control Philosophy Package II & III	19-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
29.	AIPL/NMCG/PRAYAG/464	Observation on PLC documents for Package II & III	19-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj



Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
					3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
30.	AIPL/NMCG/PRAYAG/465	Observation on PLC documents for Package II & III (GA, IA, Internal Wiring Drawings & BOM documents for SPS/MPS)	19-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
31.	AIPL/NMCG/PRAYAG/466	Observation on Air compressor	19-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
32.	AIPL/NMCG/PRAYAG/467	Observation on Valve Schedule for Gas Engine at Naini-I STP	19-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
33.	AIPL/NMCG/PRAYAG/468	Observation on Jhansi Bio-module QC Document	19-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
34.	AIPL/NMCG/PRAYAG/469	Observation on Naini I Gas Engine Documents	19-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
35.	AIPL/NMCG/PRAYAG/470	Observation on Gas Engine Documents – Naini I STP (Part - 3)	19-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj





Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
36.	AIPL/NMCG/PRAYAG/471	Observation on PLC I/O Schedule of JHUNSI & PHAPHAMAU STP of C&I for Package - I of Prayagraj STP Project	20-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
37.	AIPL/NMCG/PRAYAG/474	Observation on Package I Diffuser Documents	23-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
38.	AIPL/NMCG/PRAYAG/475	Observation on Rising main piping drawing of Basna Nalla SPS to Phaphamau STP	23-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
39.	AIPL/NMCG/PRAYAG/479	Observation on Datasheet for Blower of Naini-I, Ponghat, Kodra & Numyadahi	27-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
40.	AIPL/NMCG/PRAYAG/480	Observation on CRS for HNC and VNC pump documents - Pkg II/III	27-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
41.	AIPL/NMCG/PRAYAG/481	Observation on CRS for Submersible Pumps Pkg II & III	27-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
42.	AIPL/NMCG/PRAYAG/482	Observation on documents for Chlorination system of Salori & Naini-I	27-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj



Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
43.	AIPL/NMCG/PRAYAG/483	Observation on revised document for Submersible pump-Pkg-II & III	27-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
44.	AIPL/NMCG/PRAYAG/484	Observation on revised Documents of Screw Pumps for Package II & III	27-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
45.	AIPL/NMCG/PRAYAG/485	Observation on Bio Tower Media revised Data Sheet - Package II/III	27-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
46.	AIPL/NMCG/PRAYAG/486	Observation on Grit removal, Thickener and clarifier documents for Package-II & III (mail 1 of 2)	28-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
47.	AIPL/NMCG/PRAYAG/487	Observation on diffuser datasheet for kodra, Ponghat, Numayadahi & Naini-I	28-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
48.	AIPL/NMCG/PRAYAG/488	Observation on Salori Air blower document- package-III	28-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
49.	AIPL/NMCG/PRAYAG/489	Observation on Salori fine bubble diffuser document- package-III	28-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
50.	AIPL/NMCG/PRAYAG/490	Observation on Salori MBBR Documents	28-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj





Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
					3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
51.	AIPL/NMCG/PRAYAG/491	Observation on Valve documents for Package II/III__Revised	28-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
52.	AIPL/NMCG/PRAYAG/492	Observation on Documents for approval - Lukerganj SPS - NRV Details	29-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
53.	AIPL/NMCG/PRAYAG/493	Observation on Datasheet and GAD of Blowers for Package I	29-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
54.	AIPL/NMCG/PRAYAG/494 Date	Observation on Data Sheet, SLD, GA & Schematics of 11kV Switchgear Package I	28-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
55.	AIPL/NMCG/PRAYAG/495 Date	Observation on Plant Layouts As Built for package-III	29-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
56.	AIPL/NMCG/PRAYAG/496 Date	Observation on Jhansi Bio-module QC Document	29-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
57.	AIPL/NMCG/PRAYAG/497	Observation on Civil Drawing for Tube settler at Phaphamau STP	28-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj



Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
58.	AIPL/NMCG/PRAYAG/498	Observation on Civil Drawing for Absorption Shed at Salori STP Revision 3	28-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
59.	AIPL/NMCG/PRAYAG/499	Observation on G. A drawing of Jhansi MPS	29-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
60.	AIPL/NMCG/PRAYAG/500	Observation on revised document for Sludge Dewatering System (Mail 1 OF 2)	29-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
61.	AIPL/NMCG/PRAYAG/501	Observation on GAD for Sludge Dewatering Buildings	29-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
62.	AIPL/NMCG/PRAYAG/504	Observation on Air compressor	29-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
63.	AIPL/NMCG/PRAYAG/505	Observation on Revised & Final FEEP Documents for Package III (Mail 1 OF 2)	29-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
64.	AIPL/NMCG/PRAYAG/506	Observation on Revised & Final FEEP Documents for Package III (Mail 1 OF 2)	29-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj



Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
65.	AIPL/NMCG/PRAYAG/507	Observation on Revised & Final FEEP Documents for Package III (Mail 1 OF 2)	29-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
66.	AIPL/NMCG/PRAYAG/508	Observation on Revised & Final FEEP Documents for Package III (Mail 1 OF 2)	29-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
67.	AIPL/NMCG/PRAYAG/510	Observation on Civil Drawing for FeCl <sub>3</sub> Dosing Shed at Salori	29-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
68.	AIPL/NMCG/PRAYAG/513	Observation on revised civil drawings Sludge Dewatering Building at Salori	30-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
69.	AIPL/NMCG/PRAYAG/514	Observation on Civil drawing of Basna Nalla SPS in Package-I	30-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
70.	AIPL/NMCG/PRAYAG/515	Observation on Field Instruments Data sheet & Specification (Ultrasonic level transmitters ) of C&I for PACKAGE - I	30-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
71.	AIPL/NMCG/PRAYAG/516	Observation on PLC BASED CONTROL SYSTEM DATASHEET & SPECIFICATIONS INCLUDING GA, IA, ANNUNCIATION, &	30-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj



Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
		INTERNAL WIRING OF PLC PANELS of C&I for Package - I			
72.	AIPL/NMCG/PRAYAG/521	Observation on PLC drawing for Salori STP/Package-III	31-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
73.	AIPL/NMCG/PRAYAG/522	Observation on PLC drawing for Ponghat STP/Package-III	31-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
	Other's Letter				
74.	AIPL/NMCG/PRAYAG/434	Extension Letter of Package-III	6-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
75.	AIPL/NMCG/PRAYAG/435	Extension Letter of Package-II	6-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
76.	Via Mail	Delay Analysis & Justification for Package-I, II & III	20-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj



Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
77.	AIPL/NMCG/PRAYAG/472	Observation on O & M Manual of 29 MLD Sewage treatment Plant at Salori	20-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
78.	AIPL/NMCG/PRAYAG/473	Observation on Schedule Maintenance programme of 29 MLD Sewage treatment plant at Salori	21-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
79.	AIPL/NMCG/PRAYAG/476	Regarding Announcement of Commercial Operations Date for Package-III	26-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
80.	AIPL/NMCG/PRAYAG/478	Inspection report of Kodra STP & MPS	27-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
81.	AIPL/NMCG/PRAYAG/502	Inspection report of Ponghat STP & MPS	29-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
82.	AIPL/NMCG/PRAYAG/503	Inspection report of Salori STP & MPS	29-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
83.	AIPL/NMCG/PRAYAG/509	Notice for Completion of Payment Milestone-II of Package-II	29-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
84.	AIPL/NMCG/PRAYAG/511	Observation on O & M Manual of 29 MLD Sewage treatment Plant at Salori	30-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj



Sr. No.	PE Transmittal/ Ref No	Description	Outward Date	To (Organization)	Copies To
					3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
85.	AIPL/NMCG/PRAYAG/512	Observation on Schedule Maintenance programme of 29 MLD Sewage treatment plant at Salori	30-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
86.	AIPL/NMCG/PRAYAG/517	Inspection report of Numayadahi Facilities	31-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
87.	AIPL/NMCG/PRAYAG/518	Inspection report of Phaphamau Facilities and Associated Infrastructure	31-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
88.	AIPL/NMCG/PRAYAG/519	Completion of Milestone-II of Package-III for the STP Project at Prayagraj under HAM based PPP	31-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
89.	AIPL/NMCG/PRAYAG/520	Development & Rehabilitation of sewage treatment plants and associated infrastrucure at Prayagraj.	31-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
90.	AIPL/NMCG/PRAYAG/523	Regarding waiving of Interim Availability LDs of Package-III facilities.	31-Oct-2020	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj

## 12. Inward Register

List of key design & documents were received by Project Engineer during this period as below;

Sr. No.	PWPL Transmittal reference number	Description	Date	From
1.	PWPL/UPJN/PMCG/527/2020	Submission of Field Instruments Data sheet & PLC Panel - Bio Gas Engine ( Naini-I, Package II) of Prayagraj STP Project	1-Oct-20	Project Manager, Ganga Pollution control unit
2.	PWPL/UPJN/PMCG/528/2020	Submission of Field Instruments Data sheets & Specifications for Phaphamau STP of Package - I	1-Oct-20	Project Manager, Ganga Pollution control unit
3.	PWPL/UPJN/PMCG/529/2020	Submission of Field Instruments Data sheets & Specifications (Electromagnetic Flow meter - Additional) of C&I of NAINI - I STP & SLAORI STP of Package - II & III	1-Oct-20	Project Manager, Ganga Pollution control unit
4.	PWPL/UPJN/PMCG/530/2020	Submission of Rising main piping drawing of MAWAIYA SPS to Naini II STP	3-Oct-20	Project Manager, Ganga Pollution control unit
5.	PWPL/UPJN/PMCG/531/2020	Submission of Valve documents for Package II/III	3-Oct-20	Project Manager, Ganga Pollution control unit
6.	PWPL/UPJN/PMCG/532/2020	Submission of Diffuser piping drawings Package II/III	3-Oct-20	Project Manager, Ganga Pollution control unit
7.	PWPL/UPJN/PMCG/533/2020	Submission of Lime Handling system for various STP location at Prayagraj STP	5-Oct-20	Project Manager, Ganga Pollution control unit
8.	PWPL/UPJN/PMCG/534/2020	Submission of Phaphamau STP GA Drawings (4/4)	5-Oct-20	Project Manager, Ganga Pollution control unit
9.	PWPL/UPJN/PMCG/536/2020	Submission of C&I Cable Datasheet of Package – II & III	5-Oct-20	Project Manager, Ganga Pollution control unit
10.	PWPL/UPJN/PMCG/537/2020	Submission of CRS for 10 KVA UPS Package II/III	5-Oct-20	Project Manager, Ganga Pollution control unit
11.	PWPL/UPJN/PMCG/538/2020	Submission of CRS for 3 KVA UPS Package II/III	5-Oct-20	Project Manager, Ganga Pollution control unit
12.	PWPL/UPJN/PMCG/539/2020	Submission of Rising main piping from Shantipuram MPS to Phaphamau STP	5-Oct-20	Project Manager, Ganga Pollution control unit
13.	PWPL/UPJN/PMCG/540/2020	Submission of Detail construction drawing for Tube Settler Tank _JHUNSI STP	5-Oct-20	Project Manager, Ganga Pollution control unit
14.	PWPL/UPJN/PMCG/541/2020	Submission of structural drawing of Mawaiya drain SPS- Pkg-1	6-Oct-20	Project Manager, Ganga Pollution control unit
15.	PWPL/UPJN/PMCG/542/2020	Submission of document for PE chemical dosing system (PE & FeCl <sub>3</sub> ) Package II & III	6-Oct-20	Project Manager, Ganga Pollution control unit
16.	PWPL/UPJN/PMCG/543/2020	Submission of Electrical Design docs for Naini-II STP : Prayagraj STP	6-Oct-20	Project Manager, Ganga Pollution control unit





Sr. No.	PWPL Transmittal reference number	Description	Date	From
17.	PWPL/UPJN/PMCG/545/2020	Submission of Datasheet and GAD of Blowers for Package I	7-Oct-20	Project Manager, Ganga Pollution control unit
18.	PWPL/UPJN/PMCG/546/2020	Submission of structural drawing of Basana Nala SPS- Pkg-1	7-Oct-20	Project Manager, Ganga Pollution control unit
19.	PWPL/UPJN/PMCG/547/2020	Submission of Air compressor (elect. docs)	7-Oct-20	Project Manager, Ganga Pollution control unit
20.	PWPL/UPJN/PMCG/548/2020	Submission of Process Analyzer Data sheets & Specifications for Jhansi STP	9-Oct-20	Project Manager, Ganga Pollution control unit
21.	PWPL/UPJN/PMCG/549/2020	Submission of Naini I Gas Engine Documents	9-Oct-20	Project Manager, Ganga Pollution control unit
22.	PWPL/UPJN/PMCG/550/2020	Submission of Lime Handling system for various STP location at Prayagraj STP	9-Oct-20	Project Manager, Ganga Pollution control unit
23.	PWPL/UPJN/PMCG/551/2020	Submission of Electrical System Study for Package-I : Prayagraj STP	9-Oct-20	Project Manager, Ganga Pollution control unit
24.	PWPL/UPJN/PMCG/552/2020	Submission of G. A drawing of shastri bridge SPS	9-Oct-20	Project Manager, Ganga Pollution control unit
25.	PWPL/UPJN/PMCG/553/2020	Submission of Jhansi Bio-module QC Document	9-Oct-20	Project Manager, Ganga Pollution control unit
26.	PWPL/UPJN/PMCG/554/2020	Submission of Valve Schedule (package-I Associated Infrastructure)	9-Oct-20	Project Manager, Ganga Pollution control unit
27.	PWPL/UPJN/PMCG/555/2020	Submission of Civil Drawing for Tube settler at Phaphamau STP	9-Oct-20	Project Manager, Ganga Pollution control unit
28.	PWPL/UPJN/PMCG/556/2020	Justification- Selection of Tube Settler over Lamella Clarifier	10-Oct-20	Project Manager, Ganga Pollution control unit
29.	PWPL/UPJN/PMCG/557/2020	Submission of Civil Drawing for FeCl <sub>3</sub> Dosing Shed at Salori	10-Oct-20	Project Manager, Ganga Pollution control unit
30.	PWPL/UPJN/PMCG/558/2020	Submission of rising main piping drawing from Naini II MPS to Naini II STP	12-Oct-20	Project Manager, Ganga Pollution control unit
31.	PWPL/UPJN/PMCG/559/2020	Submission of SCADA & PLC Control System Configuration diagram	12-Oct-20	Project Manager, Ganga Pollution control unit
32.	PWPL/UPJN/PMCG/560/2020	Submissin of 10 KVA UPS Data Sheet of NAINI - II STP of C&I for Package - I of Prayagraj STP Project	12-Oct-20	Project Manager, Ganga Pollution control unit
33.	PWPL/UPJN/PMCG/561/2020	Submission of Phaphamau STP GA Drawings (4/4)	12-Oct-20	Project Manager, Ganga Pollution control unit
34.	PWPL/UPJN/PMCG/562/2020	Submission of Electrical Design docs of 11KV HT Switchgear Package I : Prayagraj STP	12-Oct-20	Project Manager, Ganga Pollution control unit





Sr. No.	PWPL Transmittal reference number	Description	Date	From
35.	PWPL/UPJN/PMCG/563/2020	Submission of Electrical docs for Lime Handling System : Package-I : Prayagraj STP	12-Oct-20	Project Manager, Ganga Pollution control unit
36.	PWPL/UPJN/PMCG/564/2020	Submission of revised Civil Drawings for Mahewaghat SPS	13-Oct-20	Project Manager, Ganga Pollution control unit
37.	PWPL/UPJN/PMCG/565/2020	Submission of Chimney and Flare foundation Bio gas package Naini I STP with updated MDL	13-Oct-20	Project Manager, Ganga Pollution control unit
38.	PWPL/UPJN/PMCG/566/2020	Submission of revised civil drawings of Sludge Dewatering Building at Naini-I	13-Oct-20	Project Manager, Ganga Pollution control unit
39.	PWPL/UPJN/PMCG/567/2020	Chhachar Nala SPS PLC Room detail Drawing Revision 3	14-Oct-20	Project Manager, Ganga Pollution control unit
40.	PWPL/UPJN/PMCG/568/2020	Submission of DG Foundation Drawing Package-II Revision 1 with shed	14-Oct-20	Project Manager, Ganga Pollution control unit
41.	PWPL/UPJN/PMCG/569/2020	Justification- Selection of Tube Settler over Lamella Clarifier	14-Oct-20	Project Manager, Ganga Pollution control unit
42.	PWPL/UPJN/PMCG/570/2020	Submission of revised civil drawings Sludge Dewatering Building at Salori	14-Oct-20	Project Manager, Ganga Pollution control unit
43.	PWPL/UPJN/PMCG/571/2020	Submission of rising main piping drawing from Naini II MPS to Naini II STP	14-Oct-20	Project Manager, Ganga Pollution control unit
44.	PWPL/UPJN/PMCG/572/2020	Submission__G. A drawing of Jhunsi MPS	14-Oct-20	Project Manager, Ganga Pollution control unit
45.	PWPL/UPJN/PMCG/573/2020	Submission of Digester Sludge Sump civil drawing at Naini-I STP	15-Oct-20	Project Manager, Ganga Pollution control unit
46.	PWPL/UPJN/PMCG/574/2020	Submission of G. A drawing of shastri bridge SPS	15-Oct-20	Project Manager, Ganga Pollution control unit
47.	PWPL/UPJN/PMCG/575/2020	Submission of Bio tower media datasheet of Package-III	15-Oct-20	Project Manager, Ganga Pollution control unit
48.	PWPL/UPJN/PMCG/576/2020	Submission of Blower datasheet (Salori) of Package-III	15-Oct-20	Project Manager, Ganga Pollution control unit
49.	PWPL/UPJN/PMCG/577/2020	Submission of Chlorination system document- Salori & Naini-I	15-Oct-20	Project Manager, Ganga Pollution control unit
50.	PWPL/UPJN/PMCG/578/2020	Submission of Rajapur SPS pumps datasheet	15-Oct-20	Project Manager, Ganga Pollution control unit
51.	PWPL/UPJN/PMCG/579/2020	Submission of Mumfordganj SPS pump datasheet	15-Oct-20	Project Manager, Ganga Pollution control unit



Sr. No.	PWPL Transmittal reference number	Description	Date	From
52.	PWPL/UPJN/PMCG/580/2020	Submission of Datasheet for Sludge dewatering unit	15-Oct-20	Project Manager, Ganga Pollution control unit
53.	PWPL/UPJN/PMCG/581/2020	Submission of diffuser Datasheet for Package-II & III	15-Oct-20	Project Manager, Ganga Pollution control unit
54.	PWPL/UPJN/PMCG/582/2020	Submission of Trunk sewer drawing from Mawaiya SPS to Naini II MPS(STP)	16-Oct-20	Project Manager, Ganga Pollution control unit
55.	PWPL/UPJN/PMCG/583/2020	Submission of GAD & Datasheet for Dewatering feed pump	16-Oct-20	Project Manager, Ganga Pollution control unit
56.	PWPL/UPJN/PMCG/584/2020	Submission of revised documents for Clarifiers at Naini I STP	16-Oct-20	Project Manager, Ganga Pollution control unit
57.	PWPL/UPJN/PMCG/585/2020	Submission of GAD, datasheet & performance curve of blower	16-Oct-20	Project Manager, Ganga Pollution control unit
58.	PWPL/UPJN/PMCG/586/2020	Submission of Valve detail	16-Oct-20	Project Manager, Ganga Pollution control unit
59.	PWPL/UPJN/PMCG/587/2020	Submission of GA Drawings of Jhansi MPS	16-Oct-20	Project Manager, Ganga Pollution control unit
60.	PWPL/UPJN/PMCG/588/2020	Submission of grit mechanism & thickener for Naini-I & Salori	16-Oct-20	Project Manager, Ganga Pollution control unit
61.	PWPL/UPJN/PMCG/589/2020	Submission of Submersible pump detail AQUA - PKG- II & III	16-Oct-20	Project Manager, Ganga Pollution control unit
62.	PWPL/UPJN/PMCG/590/2020	Submission of Instrument Schedule of C&I for all STP & SPS/MPS of Package - II	16-Oct-20	Project Manager, Ganga Pollution control unit
63.	PWPL/UPJN/PMCG/591/2020	Submission of PLC Logic Write-up of C&I of Package II & III	16-Oct-20	Project Manager, Ganga Pollution control unit
64.	PWPL/UPJN/PMCG/592/2020	Justification- Selection of Tube Settler over Lamella Clarifier	16-Oct-20	Project Manager, Ganga Pollution control unit
65.	PWPL/UPJN/PMCG/593/2020	Field Instruments Data sheets & Specifications ( Electromagnetic Flow meter - Additional) of C&I of NAINI - I STP & SLAORI STP of Package – II &III facilities of Prayagraj STP Project	16-Oct-20	Project Manager, Ganga Pollution control unit
66.	Via E-Mail	Justification- Selection of Tube Settler over Lamella Clarifier	16-Oct-20	Project Manager, Ganga Pollution control unit
67.	PWPL/UPJN/PMCG/594/2020	Field Instruments Data sheets & Specifications of C&I of Package – I facilities of Prayagraj STP Project	16-Oct-20	Project Manager, Ganga Pollution control unit



Sr. No.	PWPL Transmittal reference number	Description	Date	From
68.	PWPL/UPJN/PMCG/595/2020	Field Instruments Data sheets & Specifications of C&I of Package – II facilities of Prayagraj STP Project	16-Oct-20	Project Manager, Ganga Pollution control unit
69.	PWPL/UPJN/PMCG/596/2020	Field Instruments Data sheets & Specifications of C&I of Package – III facilities of Prayagraj STP Project	16-Oct-20	Project Manager, Ganga Pollution control unit
70.	PWPL/UPJN/PMCG/597/2020	Submission of Lime Handling system for various STP location at Prayagraj STP	16-Oct-20	Project Manager, Ganga Pollution control unit
71.	PWPL/UPJN/PMCG/598/2020	Regarding Approval of GAD & Data Sheet of NRV Lukarganj in Package III	17-Oct-20	Project Manager, Ganga Pollution control unit
72.	PWPL/UPJN/PMCG/599/2020	Submission of Air compressor Package I	17-Oct-20	Project Manager, Ganga Pollution control unit
73.	PWPL/UPJN/PMCG/600/2020	Submission of Revised & Final FEEP Documents for Package III	17-Oct-20	Project Manager, Ganga Pollution control unit
74.	PWPL/UPJN/PMCG/601/2020	Submission of Revised & Final FEEP Documents for Package III- Salori STP & Associated Infrastructure	17-Oct-20	Project Manager, Ganga Pollution control unit
75.	PWPL/UPJN/PMCG/602/2020	Submission of Revised & Final FEEP Documents for Package III- Ponghat STP & Associated Infrastructure	17-Oct-20	Project Manager, Ganga Pollution control unit
76.	PWPL/UPJN/PMCG/603/2020	Submission of revised civil drawings Sludge Dewatering Building at Rajapur STP	19-Oct-20	Project Manager, Ganga Pollution control unit
77.	PWPL/UPJN/PMCG/604/2020	Submission of Electrical Design docs for Jhunsi STP : Prayagraj STP	19-Oct-20	Project Manager, Ganga Pollution control unit
78.	PWPL/UPJN/PMCG/605/2020	Submission of Instrument Cable Schedule of C&I for all STP of Package - II	19-Oct-20	Project Manager, Ganga Pollution control unit
79.	PWPL/UPJN/PMCG/606/2020	Submission of Civil Drawings for Compressor Building at Naini 1 STP	19-Oct-20	Project Manager, Ganga Pollution control unit
80.	PWPL/UPJN/PMCG/607/2020	Submission of Valve documents for Package II/III__REVISED	19-Oct-20	Project Manager, Ganga Pollution control unit
81.	PWPL/UPJN/PMCG/608/2020	Submission of Package I Diffuser Documents	19-Oct-20	Project Manager, Ganga Pollution control unit
82.	PWPL/UPJN/PMCG/609/2020	Submission of Civil Drawing for Absorption Shed at Naini I STP Revision 4	20-Oct-20	Project Manager, Ganga Pollution control unit
83.	PWPL/UPJN/PMCG/610/2020	Submission of revised Trunk sewer drawing from Mahewaghat to Naini-II STP- Package-I	20-Oct-20	Project Manager, Ganga Pollution control unit



Sr. No.	PWPL Transmittal reference number	Description	Date	From
84.	PWPL/UPJN/PMCG/611/2020	Submission of Civil Drawing for Absorption Shed at Salori STP Revision 3	20-Oct-20	Project Manager, Ganga Pollution control unit
85.	PWPL/UPJN/PMCG/612/2020	Submission of 3 KVA UPS of C&I for all Pumping Stations of Package -I	20-Oct-20	Project Manager, Ganga Pollution control unit
86.	PWPL/UPJN/PMCG/613/2020	Submission of Salori MBBR Documents	21-Oct-20	Project Manager, Ganga Pollution control unit
87.	PWPL/UPJN/PMCG/614/2020	Submission of Salori fine bubble diffuser document- package-III	21-Oct-20	Project Manager, Ganga Pollution control unit
88.	PWPL/UPJN/PMCG/615/2020	Submission of Salori Air blower document- package-III	21-Oct-20	Project Manager, Ganga Pollution control unit
89.	PWPL/UPJN/PMCG/619/2020	submission of diffuser datasheet for kodra, Ponghat, Numayadahi & Naini-I	21-Oct-20	Project Manager, Ganga Pollution control unit
90.	PWPL/UPJN/PMCG/620/2020	Submission of Grit removal, Thickener and clarifier documents for Package-II & III	21-Oct-20	Project Manager, Ganga Pollution control unit
91.	PWPL/UPJN/PMCG/621/2020	Submission of Naini-II MPS civil structure design & Drawings- package-I	21-Oct-20	Project Manager, Ganga Pollution control unit
92.	PWPL/UPJN/PMCG/622/2020	Submission of DG Foundation Drawing Package-II Revision 1 with shed	21-Oct-20	Project Manager, Ganga Pollution control unit
93.	PWPL/UPJN/PMCG/623/2020	Submission of Bio Tower Media revised Data Sheet - Package II/III	21-Oct-20	Project Manager, Ganga Pollution control unit
94.	PWPL/UPJN/PMCG/624/2020	Submission of Rising main from basananala to Phaphamau STP- II	21-Oct-20	Project Manager, Ganga Pollution control unit
95.	PWPL/UPJN/PMCG/625/2020	Submission of revised Documents of Screw Pumps for Package II & III	21-Oct-20	Project Manager, Ganga Pollution control unit
96.	PWPL/UPJN/PMCG/626/2020	Submission of revised document for Submersible pump-Pkg-II & III	21-Oct-20	Project Manager, Ganga Pollution control unit
97.	PWPL/UPJN/PMCG/627/2020	Submission of documents for Chlorination system of Salori & Naini-I	21-Oct-20	Project Manager, Ganga Pollution control unit
98.	PWPL/UPJN/PMCG/628/2020	Submission of CRS for Submersible Pumps Pkg II & III (Mail 1 of 2)	22-Oct-20	Project Manager, Ganga Pollution control unit
99.	PWPL/UPJN/PMCG/629/2020	Submission of CRS for HNC and VNC pump documents - Pkg II/III	22-Oct-20	Project Manager, Ganga Pollution control unit
100.	PWPL/UPJN/PMCG/630/2020	Submission of Datasheet for Blower of Naini-I, Ponghat, Kodra & Numyadahi	22-Oct-20	Project Manager, Ganga Pollution control unit



Sr. No.	PWPL Transmittal reference number	Description	Date	From
101.	PWPL/UPJN/PMCG/631/2020	Submission of Package-I STPs : Air compressor	22-Oct-20	Project Manager, Ganga Pollution control unit
102.	PWPL/UPJN/PMCG/632/2020	Submission of LT panel for Non clog submersible pumps Package I : Prayagraj STP	22-Oct-20	Project Manager, Ganga Pollution control unit
103.	PWPL/UPJN/PMCG/633/2020	Submission of revised Trunk sewer drawing from Mahewaghat to Naini-II STP- Package-I	22-Oct-20	Project Manager, Ganga Pollution control unit
104.	PWPL/UPJN/PMCG/634/2020	Submission of GAD for Sludge Dewatering Buildings	22-Oct-20	Project Manager, Ganga Pollution control unit
105.	PWPL/UPJN/PMCG/635/2020	Submission of Hazardous Area Classification report	22-Oct-20	Project Manager, Ganga Pollution control unit
106.	PWPL/UPJN/PMCG/636/2020	Submission of revised document for Sludge Dewatering System	23-Oct-20	Project Manager, Ganga Pollution control unit
107.	PWPL/UPJN/PMCG/637/2020	Submission of Rising main piping drawing of MAWAIYA SPS to Naini II	23-Oct-20	Project Manager, Ganga Pollution control unit
108.	PWPL/UPJN/PMCG/638/2020	Submission of Jhansi Bio-module QC Document	23-Oct-20	Project Manager, Ganga Pollution control unit
109.	PWPL/UPJN/PMCG/639/2020	Submission of as built layout of Package-III plants	23-Oct-20	Project Manager, Ganga Pollution control unit
110.	PWPL/UPJN/PMCG/640/2020	Submission of Revised & Final FEEP Documents for Package III- Kodra STP facility	24-Oct-20	Project Manager, Ganga Pollution control unit
111.	PWPL/UPJN/PMCG/641/2020	Submission of Civil design and drawings related to the Screw Pump House Shed at Rajapur STP Rev 1	24-Oct-20	Project Manager, Ganga Pollution control unit
112.	PWPL/UPJN/PMCG/642/2020	Submission of Civil Drawing for FeCl <sub>3</sub> Dosing Shed at Salori	24-Oct-20	Project Manager, Ganga Pollution control unit
113.	PWPL/UPJN/PMCG/643/2020	Submission of Civil Drawings for Digested Sludge (Dewatering Feed) Pump House for Naini 1 STP	24-Oct-20	Project Manager, Ganga Pollution control unit
114.	PWPL/UPJN/PMCG/644/2020	Rising main piping drawing of Mahewaghat to Naini II STP	24-Oct-20	Project Manager, Ganga Pollution control unit
115.	PWPL/UPJN/PMCG/645/2020	Rising main piping from Shantipuram MPS to Phaphamau STP	26-Oct-20	Project Manager, Ganga Pollution control unit
116.	PWPL/UPJN/PMCG/646/2020	Submission of Naini I Gas Engine Documents (Part 3)	26-Oct-20	Project Manager, Ganga Pollution control unit
117.	PWPL/UPJN/PMCG/647/2020	Submission of G. A drawing of shastri bridge SPS	26-Oct-20	Project Manager, Ganga Pollution control unit



Sr. No.	PWPL Transmittal reference number	Description	Date	From
118.	PWPL/UPJN/PMCG/648/2020	Submission of Package I Diffuser Documents	27-Oct-20	Project Manager, Ganga Pollution control unit
119.	PWPL/UPJN/PMCG/649/2020	Submission of PLC drawing for Salori STP/Package-III	27-Oct-20	Project Manager, Ganga Pollution control unit
120.	PWPL/UPJN/PMCG/650/2020	Submission of PLC drawing for Ponghat & Salori STP/Package-III	27-Oct-20	Project Manager, Ganga Pollution control unit
121.	PWPL/UPJN/PMCG/651/2020	Submission of Trunk sewer & L-section drawing from Basna nalla SPS to Shantipuram MPS	27-Oct-20	Project Manager, Ganga Pollution control unit
122.	Via E-Mail	Submission of revised civil drawings Sludge Dewatering Building at Salori	28-Oct-20	Project Manager, Ganga Pollution control unit
123.	PWPL/UPJN/PMCG/653/2020	Submission of revised General Layout for Bio Gas Engine at Naini I	28-Oct-20	Project Manager, Ganga Pollution control unit
124.	PWPL/UPJN/PMCG/654/2020	Submission of PLC drawing for Salori STP/Package-III	29-Oct-20	Project Manager, Ganga Pollution control unit
125.	PWPL/UPJN/PMCG/655/2020	Submission of Revised & Final FEEP Documents for Package III (Mail 1 OF 2)	29-Oct-20	Project Manager, Ganga Pollution control unit
126.	PWPL/UPJN/PMCG/656/2020	Submission of Revised & Final FEEP Documents for Package III (Mail 1 OF 2)	29-Oct-20	Project Manager, Ganga Pollution control unit
127.	PWPL/UPJN/PMCG/657/2020	Submission of Revised & Final FEEP Documents for Package III- Kodra STP facility	29-Oct-20	Project Manager, Ganga Pollution control unit
128.	PWPL/UPJN/PMCG/658/2020	Submission of Revised & Final FEEP Documents for Package III- Numayadahi STP & Associated Infrastructure	29-Oct-20	Project Manager, Ganga Pollution control unit
129.	PWPL/UPJN/PMCG/659/2020	SUBMISSION OF RISING MAIN PIPING FROM SHANTIPURAM MPS TO PHAPHAMAU STP_R1	29-Oct-20	Project Manager, Ganga Pollution control unit
130.	PWPL/UPJN/PMCG/660/2020	Submission of Civil Drawing for Tube Settler Naini-II	29-Oct-20	Project Manager, Ganga Pollution control unit
131.	PWPL/UPJN/PMCG/661/2020	Submission of Motor docs for FCR & GRIT Blowers for Package-I STP : Prayagraj STP	29-Oct-20	Project Manager, Ganga Pollution control unit
132.	Via E-Mail	Submission of PLC drawing for Salori STP/Package-III	29-Oct-20	Project Manager, Ganga Pollution control unit
133.	PWPL/UPJN/PMCG/662/2020	Submission of AHF panel for Non clog submersible pumps Package I : Prayagraj STP	29-Oct-20	Project Manager, Ganga Pollution control unit
134.	Via E-Mail	Submission of revised civil drawings Sludge Dewatering Building at Salori sheet 8 of 8	30-Oct-20	Project Manager, Ganga Pollution control unit





Sr. No.	PWPL Transmittal reference number	Description	Date	From
135.	PWPL/UPJN/PMCG/663/2020	Submission of Approved PLC drawing for Ponghat STP/Package-III	30-Oct-20	Project Manager, Ganga Pollution control unit
136.	PWPL/UPJN/PMCG/664/2020	Submission of Valve Schedule (package-I Associated Infrastructure)	30-Oct-20	Project Manager, Ganga Pollution control unit
137.	PWPL/UPJN/PMCG/665/2020	Submission of revised drawings for Sluice Gate Package II & III_R3	30-Oct-20	Project Manager, Ganga Pollution control unit
138.	PWPL/UPJN/PMCG/666/2020	Submission of Revised GA Drawings for Naini-II STP	30-Oct-20	Project Manager, Ganga Pollution control unit
139.	PWPL/UPJN/PMCG/667/2020	Submission of Documents of Dewatering Unit Feed Pumps	30-Oct-20	Project Manager, Ganga Pollution control unit
140.	PWPL/UPJN/PMCG/668/2020	Submission of Approved PLC drawing for Ponghat STP/Package-III	30-Oct-20	Project Manager, Ganga Pollution control unit
141.	PWPL/UPJN/PMCG/669/2020	Submission of Approved PLC drawing for Salori STP/Package-III	31-Oct-20	Project Manager, Ganga Pollution control unit
142.	PWPL/UPJN/PMCG/670/2020	Submission of Pkg I - Non clog submersible pumps - Documents	31-Oct-20	Project Manager, Ganga Pollution control unit
143.	PWPL/UPJN/PMCG/671/2020	Submission of Electrical Design docs for Jhansi MPS : Prayagraj STP	31-Oct-20	Project Manager, Ganga Pollution control unit
144.	PWPL/UPJN/PMCG/672/2020	Submission of revised drawings for Sluice Gate Package II_R3	31-Oct-20	Project Manager, Ganga Pollution control unit
145.	PWPL/UPJN/PMCG/673/2020	Submission of Bio Gas Dehumidifier and Hot water generator Civil Foundation of Bio gas plant of Naini 1 STP	31-Oct-20	Project Manager, Ganga Pollution control unit
146.	PWPL/UPJN/PMCG/675/2020	Submission of Valve Schedule (package-I Associated Infrastructure)	31-Oct-20	Project Manager, Ganga Pollution control unit

### 13. EHS targets, Achievement & compliance report for the month of October' 2020

Sr. No.	Goals	Target of the month	Achievement of this Month	Previous Month achievement	Remark
1	Zero total recordable injuries	100%	100%	100%	
2	All personnel Health and Safety inducted	100%	100%	100%	
3	100% incident reporting and investigation	100%	100%	100%	
4	100% adherence of usage of appropriate PPE's at work	100%	100%	100%	

### 14. Status of statutory permits:

Sr. No.	Applicable Permit	Authority	Quantity	Remarks
<b>Phaphamau Facility (Package - I)</b>				
1	Power connection (During commissioning Period)	Electricity Board	2 No.	Under process towards filing the application. Will be applied before commissioning stage. Location: - 1. At Phaphamau STP 2. At Basna Nalla SPS
2	Consent to Establish	State Pollution Control Board (SPCB)	1 No.	Received
3	Tree cutting	Forest Department	88 No.	Received NOC From Forest Dept for Cutting 88 Nos. of trees.
4	Road cutting & crossing	Public Works Department	NA	Not Required
5	Railway Crossing	Commissioner Railway Safety	NA	Not Required
6	National Highway cutting & crossing	National Highway Authority of India	1 No.	Already applied on dated. On dated 26.02.2020, and NHAI inspection completed and report submitted to joint secretariat, Lucknow. Final approval is awaited. Total 01 nos. NH Road crossings. (Raising main from Basna Nalla SPS to Phaphamau STP and Trunk sewer in continuation Raising main of Basna nalla SPS falling along the NHAI for about 1.4 Kms.)





Sr. No.	Applicable Permit	Authority	Quantity	Remarks
7	Revenue Road cutting & crossing	Panchayat/Local Authority	NA	Not Required
8	Obtaining No Objection Certificate for various sewerage facilities under the ULB for handing them over to JN	ULB/District Administration	NA	Not Required
9	Construction of Weirs/pipeline crossings	Irrigation department/ULB	2 No.	Under process towards filing the application, Construction of 2 no. of Weir at; 1. Basna Nalla Drain Tapping 2. Shantipuram Nalla Tapping
10	Approach Road to new Facilities	Forest Department/Panchayat/Local Authority/Irrigation Department	NA	Not Required
11	Consent to operate for Existing Facilities	ULB and SPCB	1 No.	Will be processed during commissioning stage.
<b>Naini-II Facility (Package - I)</b>				
1	Power connection (During commissioning Period)	Electricity Board	3 No.	Under process towards filing the application. Will be applied before commissioning stage. Location: - 1. At Naini-II STP 2. At Mahewaghat SPS 3. At Mawaiya SPS
2	Consent to Establish	State Pollution Control Board (SPCB)	1 No.	Received
3	Tree cutting	Forest Department	-	Under process towards filing the application. Finalized for laying of trunk sewer line route alignment is under progress.
4	Road cutting & crossing	Public Works Department	1 No.	Under process towards filing the application to concern local authority. 1 no. local Road crossing.
5	Railway Crossing	Commissioner Railway Safety	1 No.	Under process towards filing the application to concern authority. Location: - Under Old bridge, Arail Road
6	National Highway cutting & crossing	National Highway Authority of India	NA	NA



Sr. No.	Applicable Permit	Authority	Quantity	Remarks
7	Revenue Road cutting & crossing	Panchayat/Local Authority	1 No.	Under process towards filing the application to concern authority. 01 Nos. of crossing.
8	Obtaining No Objection Certificate for various sewerage facilities under the ULB for handing them over to JN	ULB/District Administration	NA	Not Required
9	Construction of Weirs/pipeline crossings	Irrigation department/ULB	6 No.	Under process towards filing the application, Construction of Weir at 6 nos. Drains. Location: - 1. Mawaiya Drain 2. Sachcha Baba Aashram Drain Tapping 3. Kharkhauni Drain 4. Mahewaghat Nalla-1 5. Mahewaghat Nalla-2 6. Mahewaghat Nalla-3
10	Approach Road to new Facilities	Forest Department/Panchayat/Local Authority/Irrigation Department	NA	Not Required
11	Consent to operate for Existing Facilities	ULB and SPCB	1 No.	Will be processed during commissioning stage
<b>Jhunsi Facility (Package - I)</b>				
1	Power connection (During commissioning Period)	Electricity Board	2 No.	Under process towards filing the application. Will be applied before commissioning stage. Location: - 1. Jhunsi STP 2. Shastribridge SPS
2	Consent to Establish	State Pollution Control Board (SPCB)	1 No.	Received
3	Tree cutting	Forest Department	NA	Not Required
4	Road cutting & crossing	Public Works Department	1 No.	Under process towards filing the application to concern authority. Location: - Trivenipuram ADA Colony colony to Shastri Bridge SPS
5	Railway Crossing	Commissioner Railway Safety	1 No.	Under process towards filing the application to concern authority. Location: - Shastri Bridge



Sr. No.	Applicable Permit	Authority	Quantity	Remarks
6	National Highway cutting & crossing	National Highway Authority of India	1 No.	Under process towards filing the application to concern authority. Location: - Underpass Shastri Bridge
7	Revenue Road cutting & crossing	Panchayat/Local Authority	1 No.	Under process towards filing the application to concern authority. Location: - Shastri Bridge SPS to Jhunsi MPS
8	Obtaining No Objection Certificate for various sewerage facilities under the ULB for handing them over to UPJN	ULB/District Administration	NA	Not Required
9	Construction of Weirs/pipeline crossings	Irrigation department/ULB	13 No	Under process towards filing the application, Construction of Weir at 13 nos. Drains. Locations: - 1. Augharwa Nalla 2. Bhola Mandir Nalla 3. Gangoli Shivala Nalla I 4. Gangoli Shivala Nalla II 5. Savitri Nagar Nalla 6. Dham Nalla 7. Sashtri bridge Nalla 8. Triveni Marg Nalla I 9. Triveni Marg Nalla II 10. Ulta Quila Nalla I 11. Ulta Quila Nalla II 12. Havelia Nalla 13. Lakkar Nalla
10	Approach Road to new Facilities	Forest Department/Panchayat/ Local Authority/Irrigation Department	NA	Not Required
11	consent to operate for Existing Facilities	ULB and SPCB	1 No	Will be processed during commissioning stage

## 15. Plant & Machinery Status

Machinery Details											
Sr. No.	Machinery Name	Facility Name									
		Phaphamau	Naini-II	Jhansi	Naini-I	Rajapur	Salori	Numayadahi	Ponghat	Kodra	Total
1.	JCB	-	1	-	2	-	-	-	-	-	3
2.	Dumper	-	-	-	-	-	-	-	-	-	0
3.	Poclain	-	1	-	-	-	-	-	-	-	1
4.	Ajax	-	1	-	-	1	-	-	-	-	2
5.	Hydra	-	-	-	1	-	-	-	-	-	1
6.	Roller	-	1	-	-	-	-	-	-	-	1
7.	Submersible Pump	3	1	-	-	-	-	-	-	-	4
8.	Diesel Pump 5 HP	1	2	-	-	-	-	-	-	-	3
9.	5KV generator	-	1	1	-	-	-	-	-	-	2
10.	Total Station	-	1	-	-	-	-	-	-	-	1
11.	Water tanker	-	-	-	-	1	-	-	-	-	1
12.	Auto level	1	1	-	-	-	-	-	-	-	2
13.	Mixing machine	1	-	-	-	-	2	2	1	1	7
14.	Vibrator	2	2	-	-	1	1	1	1	1	9
15.	Tractor	-	5	-	5	1	-	-	-	-	11
16.	Concrete Chipping machine	-	-	-	-	-	-	-	-	-	0
17.	Welding Machine	1	-	-	-	-	4	3	2	1	11
18.	Grinding Machine	-	-	-	-	-	3	2	1	1	7
19.	Gas Cutting Set	-	-	-	-	-	2	-	1	1	4



20.	Chain Saw Machine	-	-	-	-	-	-	-	1	1	2
21.	Chain Block	-	-	-	-	-	-	1	1	1	3
22.	RM 800	1	-	-	-	-	-	-	-	-	1
23.	Plywood Cutting Machine	-	1	-	-	1	1	1	1	1	6
24.	Steel Cutting Machine	2	2	-	-	1	1	1	1	1	9
	<b>Total</b>	<b>12</b>	<b>20</b>	<b>1</b>	<b>8</b>	<b>6</b>	<b>14</b>	<b>11</b>	<b>10</b>	<b>9</b>	<b>91</b>

## 16. Project Engineer Activities

Annexure-1; Project Engineer's activities for the month of "October'2020"

Project Engineer's activities for the month of "October'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Person	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1-Oct-2020	Site visit of Nani-I STP	1-Oct-2020	1-Oct-2020	1	-	-	-	Mr. Gaurav Pandey Mr. Atahar Ayyub	1 1	-	-	-	-
1-Oct-2020	Site visit of Jhunsi STP	1-Oct-2020	1-Oct-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
1-Oct-2020	Site visit of Naini-II STP	1-Oct-2020	1-Oct-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
1-Oct-2020	Observation on Rising main piping drawing of Basna Nalla SPS to Phaphamau STP	17-Sep-20	7-Oct-2020	20	10	10	Design Calculation is not correct	Mr. Arpan Ghosh Mr. Wahab Alam	1 1	-	Design Calculation is not correct	Asked to Concessionaire please submit revised calculation sheet as per our observation	-
2-Oct-2020	Gandhi Jaynti												
3-Oct-2020	Site visit of Nani-I STP	3-Oct-2020	3-Oct-2020	1	-	-	-	Mr. Gaurav Pandey Mr. Atahar Ayyub	1 1	-	-	-	-
3-Oct-2020	Site visit of Jhunsi STP	3-Oct-2020	3-Oct-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
3-Oct-2020	Observation on Rising main piping drawing of MAWAIYA SPS to Naini II STP	3-Oct-20	7-Oct-2020	4	10	-	-	Mr. Arpan Ghosh Mr. Kumar Kashyap	1 1	-	-	-	-
3-Oct-2020	Site visit of Naini-II STP	3-Oct-2020	3-Oct-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-

Project Engineer's activities for the month of "October'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
4-Oct-2020	Sunday												
5-Oct-2020	Extension Letter of Package-III	1-Oct-2020	6-Oct-2020	5	7	-	-	Mr. Gaurav Pandey Mr. Atahar Ayyub	1 1	-	-	-	-
5-Oct-2020	Observation on Rising main piping drawing of Mahewaghat to Naini II STP	30-Sep-20	7-Oct-2020	7	10	-	-	Mr. Arpan Ghosh Mr. Kumar Kashyap	1 1	-	-	-	-
5-Oct-2020	Observation on Trunk sewer drawing from Mawaiya SPS to Naini II MPS(STP)__part 1	19-Sep-20	7-Oct-2020	18	10	8	Slope and design calculation is incorrect	Mr. Abhishek Singh Mr. Wahab Alam	1 1	-	Slope and design calculation is incorrect	Asked to Concessionaire please submit revised design calculation regarding slope (as per Concession agreement and CPHEEO)	-
6-Oct-2020	Extension Letter of Package-II	1-Oct-2020	6-Oct-2020	5	7	-	-	Mr. Atahar Ayyub Mr. Gaurav Pandey	1 1	-	-	-	-
6-Oct-2020	Observation on Chhachar Nala SPS PLC Room detail Drawing Revision 2	22-Sep-20	7-Oct-2020	15	10	5	Location change	Mr. Arpan Ghosh Mr. Kumar Kashyap	1 1	-	Due to some issues location changed	Asked to Concessionaire please submit design as per new land	-
6-Oct-2020	Site visit of Jhunsi STP	6-Oct-2020	6-Oct-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
6-Oct-2020	Site visit of Phaphamau STP	6-Oct-2020	6-Oct-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
7-Oct-2020	Observation on Revised & Final FEEP Documents for Package III	16-Aug-20	7-Oct-2020	52	10	42	Concessionaire has not provided some instrument as	Mr. Atahar Ayyub Mr. Gaurav Pandey	1 1	-	Concessionaire has not provided some instrument as	Asked to Concessionaire please resubmit incorporate all the	-



Project Engineer's activities for the month of "October'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
							per Concession agreement				per Concession agreement	instruments as per Concession agreement	
7-Oct-2020	Site visit of Jhunsi STP	7-Oct-2020	7-Oct-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
7-Oct-2020	Site visit of Phaphamau STP	7-Oct-2020	7-Oct-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
7-Oct-2020	Site visit of Naini-II STP	7-Oct-2020	7-Oct-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
8-Oct-2020	Justification-Selection of Tube Settler over Lamella Clarifier	15-Sep-20	8-Oct-2020	23	10	13	Process calculation is not corect	Mr. Atahar Ayyub Mr. Gaurav Pandey	1 1	-	Process calculation is not correct	Asked to Concessionaire please submit revised calculation sheet as per our observation	-
8-Oct-2020	Site visit of Jhunsi STP	8-Oct-2020	8-Oct-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
8-Oct-2020	Site visit of Phaphamau STP	8-Oct-2020	8-Oct-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
8-Oct-2020	Site visit of Naini-II STP	8-Oct-2020	8-Oct-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
9-Oct-2020	Observation on PLC Logic Write-up of C&I of Package II & III	16-Sep-20	12-Oct-2020	26	10	16	-	Mr. Atahar Ayyub	1	-	-	-	-
9-Oct-2020	Site visit of Jhunsi STP	9-Oct-2020	9-Oct-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-

Project Engineer's activities for the month of "October'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
9-Oct-2020	Site visit of Phaphamau STP	9-Oct-2020	9-Oct-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
9-Oct-2020	Site visit of Naini-II STP	9-Oct-2020	9-Oct-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
10-Oct-2020	Observation on Non clog submersible pumps - Documents	24-Sep-2020	15-Oct-2020	21	10	11	In the GA and Data sheet client name , project name and some technical details was not correct	Mr. Gaurav Pandey	2	-	In the GA and Data sheet client name , project name and some technical details was not correct	Asked to Concessionaire please submit revised data sheet and GA with correct information and client name, project name and etc.	-
10-Oct-2020	Observation on revised drawings for Inlet Chamber Coarse Screen & Wet Well Naini-II MPS	29-Sep-2020	15-Oct-2020	16	10	6	Stadd calculation is not correct	Mr. Arpan Ghosh Mr. Kumar Kashyap	1 1	-	Stadd calculation is not correct	Asked to Concessionaire please submit revised calculation sheet as per our observation	-
10-Oct-2020	Site visit of Jhunsi STP	10-Oct-2020	10-Oct-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
10-Oct-2020	Site visit of Phaphamau STP	10-Oct-2020	10-Oct-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
11-Oct-2020	Sunday												
12-Oct-2020	Observation on Rising main Piping from Shantipuram MPS to Phaphamau STP	5-Oct-20	15-Oct-2020	10	10	-	-	Mr. Arpan Ghosh Mr. Wahab Alam	1 1	-	-	-	-
12-Oct-2020	Site visit of Jhunsi STP	12-Oct-2020	12-Oct-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-

Project Engineer's activities for the month of "October'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Person	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
12-Oct-2020	Site visit of Naini-I & Rajapur STP	12-Oct-2020	12-Oct-2020	1	-	-	-	Mr.Gaurav Pandey	1	-	-	-	-
12-Oct-2020	Site visit of Naini-II STP	12-Oct-2020	12-Oct-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
12-Oct-2020	Observation on PLC Documents for Package II & III	17-Sep-20	12-Oct-2020	25	10	15	In the PLC configuration some instruments was not considered	Mr. Atahar Ayyub	2	-	In the PLC configuration some instruments was not considered	Asked to Concessionaire please incorporate all the instruments as per approved FEED	-
13-Oct-2020	Observation on rising main piping drawing from Naini II MPS to Naini II STP	12-Oct-20	13-Oct-2020	1	10	-	-	Mr. Arpan Ghosh Mr. Kumar Kashyap	1 1	-	-	-	-
13-Oct-2020	Observation on SCADA & PLC Control System Configuration diagram of Jhunsi STP of Package - I	21-Sep-20	13-Oct-2020	22	10	12	In the PLC configuration some instruments was not considered	Mr. Atahar Ayyub Mr. Gaurav Pandey	1 1	-	In the PLC configuration some instruments was not considered	Asked to Concessionaire please incorporate all the instruments as per approved FEED	-
13-Oct-2020	Site visit of Jhunsi STP	13-Oct-2020	13-Oct-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
13-Oct-2020	Site visit of Phaphamau STP	13-Oct-2020	13-Oct-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
14-Oct-2020	Observation on Diffuser piping drawings Package II/III	4-Oct-20	14-Oct-2020	10	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-
14-Oct-2020	Observation on revised civil drawings of Sludge Dewatering Building at Naini-I	13-Oct-20	15-Oct-2020	2	10	-	-	Mr. Arpan Ghosh Mr. Abhishek Singh	1 1	-	-	-	-

Project Engineer's activities for the month of "October'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Person	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
14-Oct-2020	Observation on Civil Drawings for Compressor Building at Naini 1 STP	13-Oct-20	15-Oct-2020	2	10	-	-	Mr. Wahab Alam Mr. Kumar Kashyap	1 1	-	-	-	-
15-Oct-2020	Observation on documents for Chemical Dosing System (PE & FeCl3) Pkg II,III	6-Oct-20	15-Oct-2020	9	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-
15-Oct-2020	Observation on Chhachar Nala SPS PLC Room detail Drawing	14-Oct-20	15-Oct-2020	1	10	-	-	Mr. Arpan Ghosh Mr. Wahab Alam	1 1	-	-	-	-
15-Oct-2020	Observation on rising main piping drawing from Naini II MPS to Naini II STP	14-Oct-20	16-Oct-2020	2	10	-	-	Mr. Abhishek Singh	1	-	-	-	-
16-Oct-2020	Observation on Revised & Final FEEP Documents for Package III	10-Oct-20	16-Oct-2020	6	10	-	-	Mr. Atahar Ayyub	3	-	-	-	-
16-Oct-2020	Observation on Air compressor	24-Sep-20	16-Oct-2020	22	10	12	In the GA and Data sheet client name , project name and some technical details was not correct	Mr. Gaurav Pandey	1	-	In the GA and Data sheet client name , project name and some technical details was not correct	Asked to Concessionaire please submit revised GA and data sheet with correct technical information and other details.	-
16-Oct-2020	Trunk sewer drawing from Mawaiya SPS to Naini II MPS(STP)	16-Oct-20	16-Oct-2020	1	10	-	-	Mr. Arpan Ghosh Mr. Abhishek Singh	1 1	-	-	-	-
16-Oct-2020	Site visit of Phaphamau STP	16-Oct-2020	16-Oct-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-

Project Engineer's activities for the month of "October'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Person	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
17-Oct-2020	Observation on Valve documents for Package II/III_REVISED	3-Oct-20	17-Oct-2020	14	10	4	In the valve schedule Concessionaire has not considered suction and discharge velocity as per Concession agreement	Mr. Gaurav Pandey	1	-	In the valve schedule Concessionaire has not considered suction and discharge velocity as per Concession agreement	Asked to Concessionaire please submit revised valve schedule as per Concession agreement regarding suction and discharge velocity	-
17-Oct-2020	Observation on G. A drawing of shastri bridge SPS	15-Oct-20	17-Oct-2020	2	10	-	-	Mr. Abhishek Singh	1	-	-	-	-
17-Oct-2020	Observation on Civil design and drawings related to the Screw Pump House Shed at Rajapur STP Rev 1	14-Sep-20	19-Oct-2020	35	10	25	Design Calculation is incorrect	Mr. Arpan Ghosh Mr. Wahab Alam	1 1	-	Design Calculation is incorrect	Asked to Concessionaire please submit revised calculation sheet as per our observation	-
17-Oct-2020	Observation on PLC documents for Package II & III	24-Sep-20	19-Oct-2020	25	10	15	In the PLC configuration some instruments was not considered	Mr. Atahar Ayyub	1	-	In the PLC configuration some instruments was not considered	Asked to Concessionaire please incorporate all the observation given by us in last revision	-
18-Oct-2020	Sunday												
19-Oct-2020	Observation on Civil Drawing for FeCl3 Dosing Shed at Salori	10-Oct-20	19-Oct-2020	9	10	-	-	Mr. Arpan Ghosh Mr. Abhishek Singh	1 1	-	-	-	-
19-Oct-2020	Observation on Operation & Control Philosophy Package II & III	29-Sep-20	19-Oct-2020	20	10	10	Documents are missing	Mr. Kumar Kashyap	1	-	Documents are missing	Asked to Concessionaire please submit revised calculation sheet as per our observation	-

Project Engineer's activities for the month of "October'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
19-Oct-2020	Observation on PLC documents for Package II & III (GA, IA, Internal Wiring Drawings & BOM documents for SPS/MPS)	25-Sep-20	19-Oct-2020	24	10	14	-	Mr. Atahar Ayyub	1	-	-	-	These documents were submitted by PWPL without supporting engineering documents, i.e Instrument index
19-Oct-2020	Site visit of Phaphamau STP	19-Oct-2020	19-Oct-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
19-Oct-2020	Observation on Air compressor	17-Oct-20	19-Oct-2020	2	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-
19-Oct-2020	Observation on Revised & Final FEEP Documents for Package III	17-Oct-20	29-Oct-2020	12	10	2	Regarding discussion with UPJN	Mr. Divvela Srimannarayana	1	-	Regarding discussion with UPJN	Discussion with UPJN and PWPL regarding such dispute on scope of work as per Concession agreement	-
20-Oct-2020	Observation on Gas Engine Documents – Naini I STP (Part -3)	29-Sep-20	9-Oct-2020	10	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-
20-Oct-2020	Observation on PLC I/O Schedule of JHUNSI & PHAPHAMAU STP of C&I for Package - I of Prayagraj STP Project	14-Oct-20	20-Oct-2020	6	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-
20-Oct-2020	Delay Analysis & Justification for Package-I, II & III	13-Oct-2020	20-Oct-2020	7	10	-	-	Mr. Abhishek Singh Mr. Kumar Kashyap	1 1	-	-	-	-

Project Engineer's activities for the month of "October'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
20-Oct-2020	Observation on Operation & Maintenance Manual of 29 MLD Sewage treatment Plant at Salori	11-Oct-2020	20-Oct-2020	9	10	-	-	Mr. Wahab Alam	1	-	-	-	-
20-Oct-2020	Observation on Civil drawing of Basna Nalla SPS in Package-I	7-Oct-20	30-Oct-2020	23	10	13	Design calculation is incorrect	Mr. Divvela Srimannarayana	1	-	Design calculation is incorrect	Asked to Concessionaire please submit revised calculation sheet as per our observation	-
21-Oct-2020	Observation on Schedule Maintenance programme of 29 MLD Sewage treatment plant at Salori	13-Oct-2020	21-Oct-2020	8	10	-	-	Mr. Abhishek Singh	1	-	-	-	-
21-Oct-2020	Observation on Datasheet for Blower of Naini-I, Ponghat, Kodra & Numyadahi	19-Oct-20	27-Oct-2020	8	10	-	-	Mr. Atahar Ayyub Mr. Gaurav Pandey	1 1	-	-	-	-
21-Oct-2020	Site visit of Phaphamau STP	21-Oct-2020	21-Oct-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
21-Oct-2020	Site visit of Naini-II STP	21-Oct-2020	21-Oct-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
21-Oct-2020	Inspection report of Kodra STP & MPS	21-Oct-2020	27-Oct-2020	6	10	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-
22-Oct-2020	Observation on Package I Diffuser Documents	19-Oct-20	23-Oct-2020	4	10	-	-	Mr. Gaurav Pandey Mr. Atahar Ayyub	1 1	-	-	-	-
22-Oct-2020	Site visit of Phaphamau STP	22-Oct-2020	22-Oct-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-



Project Engineer's activities for the month of "October'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
22-Oct-2020	Site visit of Naini-II STP	22-Oct-2020	22-Oct-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
22-Oct-2020	Observation on Rising main piping drawing of Basna Nalla SPS to Phaphamau STP	21-Oct-20	23-Oct-2020	2	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-
22-Oct-2020	Observation on Grit removal, Thickener and clarifier documents for Package-II & III (mail 1 of 2)	21-Oct-20	28-Oct-2020	7	10	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-
23-Oct-2020	Observation on CRS for HNC and VNC pump documents - Pkg II/III	22-Oct-20	27-Oct-2020	5	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-
23-Oct-2020	Observation on CRS for Submersible Pumps Pkg II & III	22-Oct-20	27-Oct-2020	5	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-
23-Oct-2020	Site visit of Phaphamau STP	23-Oct-2020	23-Oct-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
23-Oct-2020	Site visit of Naini-II STP	23-Oct-2020	23-Oct-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
23-Oct-2020	Observation on revised document for Sludge Dewatering System (Mail 1 OF 2)	23-Oct-20	29-Oct-2020	6	10	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-
24-Oct-2020	Dussehra (Mahanavmi)												
25-Oct-2020	Sunday												

Project Engineer's activities for the month of "October'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personnel	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
26-Oct-2020	Regarding Announcement of Commercial Operations Date for Package-III	26-Oct-2020	26-Oct-2020	1	10	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-
26-Oct-2020	Observation on documents for Chlorination system of Salori & Naini-I	21-Oct-20	27-Oct-2020	6	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-
26-Oct-2020	Observation on revised document for Submersible pump-Pkg-II & III	21-Oct-20	27-Oct-2020	6	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-
26-Oct-2020	Observation on Civil Drawing for Tube settler at Phaphamau STP	9-Oct-20	28-Oct-2020	19	10	9	Process calculation is not incorporated all the required value	Mr. Arpan Ghosh Mr. Wahab Alam	1 1	-	Process calculation is not incorporated all the required value	Asked to Concessionaire please submit revised calculation sheet as per our observation	-
26-Oct-2020	Site visit of Jhunsi STP	26-Oct-2020	26-Oct-2020	1	10	-	-	Mr. Abhishek Singh	1	-	-	-	-
26-Oct-2020	Site visit of Naini-II STP	26-Oct-2020	26-Oct-2020	1	10	-	-	Mr. Kumar Kashyap	1	-	-	-	-
27-Oct-2020	Observation on revised Documents of Screw Pumps for Package II & III	21-Oct-20	27-Oct-2020	6	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-
27-Oct-2020	Observation on Bio Tower Media revised Data Sheet - Package II/III	21-Oct-20	27-Oct-2020	6	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-
27-Oct-2020	Site visit of Numayadahi and Salori STP with Chief engineer (UPJN)	27-Oct-2020	27-Oct-2020	1	-	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-

Project Engineer's activities for the month of "October'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Person	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
27-Oct-2020	Site visit of Jhunsi STP	27-Oct-2020	27-Oct-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
27-Oct-2020	Site visit of Naini-II STP	27-Oct-2020	27-Oct-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
27-Oct-2020	Site visit of Phaphamau STP	27-Oct-2020	27-Oct-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
28-Oct-2020	Site visit of Kodra and Ponghat STP with Chief engineer (UPJN)	27-Oct-2020	27-Oct-2020	1	-	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-
28-Oct-2020	Observation on diffuser datasheet for kodra, Ponghat, Numayadahi & Naini-I	21-Oct-20	28-Oct-2020	7	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-
28-Oct-2020	Observation on Salori Air blower document-package-III	21-Oct-20	28-Oct-2020	7	10	-	-	Mr. Abhishek Singh	1	-	-	-	-
28-Oct-2020	Observation on Salori fine bubble diffuser document- package-III	21-Oct-20	28-Oct-2020	7	10	-	-	Mr. Kumar Kashyap	1	-	-	-	-
28-Oct-2020	Observation on Salori MBBR Documents	21-Oct-20	28-Oct-2020	7	10	-	-	Mr. Wahab Alam	1	-	-	-	-
28-Oct-2020	Observation on Valve documents for Package II/III_ Revised	19-Oct-20	28-Oct-2020	9	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-
28-Oct-2020	Observation on Civil Drawing for Absorption Shed at Salori STP Revision 3	20-Oct-20	28-Oct-2020	8	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-

Project Engineer's activities for the month of "October'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
29-Oct-2020	Inspection report of Ponghat STP & MPS	20-Oct-20	29-Oct-2020	10	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-
29-Oct-2020	Inspection report of Salori STP & MPS	21-Oct-20	29-Oct-2020	10	10	-	-			-	-	-	-
29-Oct-2020	Notice for Completion of Payment Milestone-II of Package-II	26-Oct-2020	29-Oct-2020	3	7	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-
29-Oct-2020	Observation on Plant Layouts As Built for package-III	23-Oct-20	29-Oct-2020	6	10	-	-	Mr. Gaurav PandeyMr. Kumar Kashyap	11	-	-	-	-
29-Oct-2020	Observation on Jhunsi Bio-module QC Document	23-Oct-20	29-Oct-2020	6	10	-	-	Mr. Wahab Alam	1	-	-	-	-
29-Oct-2020	Observation on G. A drawing of Jhunsi MPS	16-Oct-20	29-Oct-2020	13	10	3	In the GA BOQ is missing	Mr. Abhishek Singh	1	-	In the GA BOQ is missing	Asked to Concessionaire please submit revised calculation sheet as per our observation	
29-Oct-2020	Observation on Civil Drawing for FeCl3 Dosing Shed at Salori	24-Oct-20	29-Oct-2020	5	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-
30-Oct-2020	Eid-A-Milaad												
31-Oct-2020	Observation on PLC drawing for Salori STP/Package-III	31-Oct-20	31-Oct-2020	1	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-
31-Oct-2020	Observation on PLC drawing for Ponghat STP/Package-III	30-Oct-20	31-Oct-2020	1	10	-	-	Mr. Abhishek Singh	1	-	-	-	-
31-Oct-2020	Inspection report of Numayadahi Facilities	27-Oct-20	31-Oct-2020	4	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-

Project Engineer's activities for the month of "October'2020"													
Date	Name of Activity#	Date of receipt	Date of Approval / Comments	No. of day taken	Time as per contract	Delay if any (No. of days) [7=5-6]	Reason for delay*	Key Personal deployed	Man-days of Each key Personal	Delay by Concessionaire	Reason of delay	Steps taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
31-Oct-2020	Inspection report of Phaphamau Facilities and Associated Infrastructure	26-Oct-20	31-Oct-2020	5	10	-	-	Mr. Wahab Alam	1	-	-	-	-
31-Oct-2020	Completion of Milestone-II of Package-III for the STP Project at Prayagraj under HAM based PPP	26-Oct-2020	31-Oct-2020	5	10	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-
31-Oct-2020	Development & Rehabilitation of sewage treatment plants and associated infrastrucure at Prayagraj.	31-Oct-2020	31-Oct-2020	0	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-
31-Oct-2020	Regarding waiving of Interim Availability LDs of Package-III facilities.	31-Oct-2020	31-Oct-2020	0	10	-	-	Mr. Kumar Kashyap	1	-	-	-	-
	Daily Supervision of O&M Activities of Package-III Facilities	Daily	-	Daily	-	-	-	Mr. Gaurav Gupta	22	-	-	-	O&M Supervision at Site and verification of Guaranteed Interim Availability
	Daily Supervision of O&M Activities of Package-II Facilities	Daily	-	Daily	-	-	-	Mr. Sudhir Tomar	9	-	-	-	O&M Supervision at Site and verification of Guaranteed Interim Availability

## 17. Operation and Maintenance report for October month

### Naini-I (60+20) MLD under Package-II

Date	Daily Feed Quantity MLD (Design- 80 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final BOD (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <30 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <50 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	
1-Oct-20	51560	51.56	7.71	7.62	130	28	302	45	NA	Existing Lab don't have facility to Test fecal & total coliform.	0.5	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works. 3) Less flow is received due to bypass gate opened at Chacharnalla SPS due to monsoon season.
2-Oct-20	49550	49.55	7.66	7.73	144	28	316	43	NA		0.3	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works. 3) Less flow is received due to bypass gate opened at Chacharnalla SPS due to monsoon season.
3-Oct-20	49267	49.27	7.48	7.53	150	26	316	44	NA		0.4	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works. 3) Less flow is received due to bypass gate opened at Chacharnalla SPS due to monsoon season.
4-Oct-20	52940	52.94	7.66	7.73	148	29	319	46	NA		0.3	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works. 3) Less flow is received due to bypass gate opened at Chacharnalla SPS due to monsoon season.
5-Oct-20	45053	45.05	7.73	7.68	139	27	314	45	NA		0.4	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works. 3) Less flow is received due to bypass gate opened at Chacharnalla SPS due to monsoon season.

Date	Daily Feed Quantity MLD (Design- 80 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final BOD (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <30 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <50 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	
6-Oct-20	28977	28.98	7.36	7.72	145	25	310	43	NA		0.5	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works. 3) Less flow is received due to bypass gate opened at Chacharnalla SPS due to monsoon season.
7-Oct-20	55582	55.58	7.41	7.66	140	27	313	46	NA		0.3	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works. 3) Less flow is received due to bypass gate opened at Chacharnalla SPS due to monsoon season.
8-Oct-20	55851	55.85	7.63	7.54	142	30	320	47	NA		0.4	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works. 3) Less flow is received due to bypass gate opened at Chacharnalla SPS due to monsoon season.
9-Oct-20	52184	52.18	7.56	7.66	130	26	307	43	NA		0.5	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works. 3) Less flow is received due to bypass gate opened at Chacharnalla SPS due to monsoon season.
10-Oct-20	52766	52.77	7.46	7.52	135	29	316	42	NA		0.4	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works. 3) Less flow is received due to bypass gate opened at Chacharnalla SPS due to monsoon season.



Date	Daily Feed Quantity MLD (Design- 80 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final BOD (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <30 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <50 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	
11-Oct-20	53306	53.31	7.68	7.49	144	26	322	43	NA		0.3	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works. 3) Less flow is received due to bypass gate opened at Chacharnalla SPS due to monsoon season.
12-Oct-20	51665	51.67	7.56	7.49	139	28	314	40	NA		0.4	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works. 3) Less flow is received due to bypass gate opened at Chacharnalla SPS due to monsoon season.
13-Oct-20	54414	54.41	7.46	7.52	136	25	309	40	NA		0.3	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works. 3) Less flow is received due to bypass gate opened at Chacharnalla SPS due to monsoon season.
14-Oct-20	49977	49.98	7.52	7.46	138	29	312	43	NA		0.5	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation.2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works.3) Less flow is received due to bypass gate opened at Chacharnalla SPS due to monsoon season.
15-Oct-20	53875	53.88	7.68	7.55	142	30	316	46	NA		0.4	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works. 3) Less flow is received due to bypass gate opened at Chacharnalla SPS due to monsoon season.
16-Oct-20	57553	57.55	7.53	7.49	146	28	301	43	NA		0.2	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works.

Date	Daily Feed Quantity MLD (Design- 80 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final BOD (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <30 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <50 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	
17-Oct-20	59017	59.02	7.44	7.38	141	29	311	41	NA		0.4	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works.
18-Oct-20	60395	60.40	7.56	7.52	148	30	316	44	NA		0.3	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works.
19-Oct-20	60270	60.27	7.36	7.46	128	27	299	41	NA		0.2	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works.
20-Oct-20	59600	59.60	7.53	7.38	139	25	305	40	NA		0.3	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works.
21-Oct-20	60032	60.03	7.72	7.51	130	28	314	43	NA		0.4	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation.2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works.
22-Oct-20	59420	59.42	7.64	7.56	126	26	319	44	NA		0.5	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works.
23-Oct-20	62182	62.18	7.61	7.53	135	29	312	40	NA		0.3	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works.
24-Oct-20	59034	59.03	7.71	7.67	140	26	316	42	NA		0.4	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works.

Date	Daily Feed Quantity MLD (Design- 80 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final BOD (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <30 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <50 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	
25-Oct-20	64284	64.28	7.66	7.56	130	30	303	43	NA		0.5	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works.
26-Oct-20	62355	62.36	7.49	7.44	139	27	311	41	NA		0.4	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works.
27-Oct-20	60366	60.37	7.56	7.48	135	25	298	43	NA		0.3	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works.
28-Oct-20	53299	53.30	7.44	7.56	130	28	307	41	NA		0.5	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works.
29-Oct-20	53454	53.45	7.46	7.44	128	30	308	45	NA		0.4	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works.
30-Oct-20	55813	55.81	7.56	7.43	135	26	316	47	NA		0.3	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works.
31-Oct-20	60176	60.18	7.65	7.56	130	28	312	42	NA		0.4	1) Plant availability is 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) Shutdown for one stream is taken from 21/09/2020 for Rehabilitation works.
<b>Average</b>	<b>54974.74</b>	<b>54.97</b>	<b>7.56</b>	<b>7.54</b>	<b>137.48</b>	<b>27.58</b>	<b>311.42</b>	<b>43.10</b>			<b>0.38</b>	

**Rajapur 60 MLD under Package-II**

Date	Daily Feed Quantity MLD (Design- 60 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <20 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <30 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	
1-Oct-20	82330	82.33	7.43	7.75	126.00	29.00	277.00	42.00	NA	Existing Lab don't have facility to Test fecal & total coliform.	0.50	1) Value of KPIs are on the higher side due to excess flow received in STP.
2-Oct-20	77760	77.76	7.40	7.79	130.00	26.00	298.00	45.00	NA		0.40	1) Value of KPIs are on the higher side due to excess flow received in STP.
3-Oct-20	82000	82.00	7.43	7.76	128.00	28.00	288.00	41.00	NA		0.50	1) Value of KPIs are on the higher side due to excess flow received in STP.
4-Oct-20	83040	83.04	7.38	7.72	125.00	25.00	295.00	43.00	NA		0.40	1) Value of KPIs are on the higher side due to excess flow received in STP.
5-Oct-20	65030	65.03	7.31	7.69	132.00	27.00	299.00	41.00	NA		0.50	1) Value of KPIs are on the higher side due to excess flow received in STP.
6-Oct-20	34920	34.92	7.34	7.79	130.00	28.00	289.00	45.00	NA		0.50	1) Value of KPIs are on the higher side due to excess flow received in STP.
7-Oct-20	77810	77.81	7.41	7.76	135.00	25.00	262.00	42.00	NA		0.50	1) Value of KPIs are on the higher side due to excess flow received in STP.
8-Oct-20	76150	76.15	7.43	7.74	132.00	26.00	273.00	46.00	NA		0.40	1) Value of KPIs are on the higher side due to excess flow received in STP.
9-Oct-20	78090	78.09	7.45	7.76	126.00	28.00	289.00	42.00	NA		0.50	1) Value of KPIs are on the higher side due to excess flow received in STP.
10-Oct-20	79370	79.37	7.32	7.77	128.00	25.00	295.00	38.00	NA		0.50	1) Value of KPIs are on the higher side due to excess flow received in STP.
11-Oct-20	75880	75.88	7.34	7.74	130.00	29.00	290.00	43.00	NA		0.40	1) Value of KPIs are on the higher side due to excess flow received in STP.
12-Oct-20	75490	75.49	7.32	7.72	135.00	28.00	282.00	40.00	NA		0.40	1) Value of KPIs are on the higher side due to excess flow received in STP.
13-Oct-20	81030	81.03	7.40	7.78	126.00	26.00	289.00	37.00	NA		0.50	1) Value of KPIs are on the higher side due to excess flow received in STP.
14-Oct-20	76320	76.32	7.42	7.72	128.00	25.00	272.00	39.00	NA		0.30	1) Value of KPIs are on the higher side due to excess flow received in STP.
15-Oct-20	79250	79.25	7.45	7.78	132.00	27.00	298.00	43.00	NA		0.50	1) Value of KPIs are on the higher side due to excess flow received in STP.
16-Oct-20	81290	81.29	7.42	7.72	135.00	28.00	308.00	44.00	NA		0.50	1) Value of KPIs are on the higher side due to excess flow received in STP.

Date	Daily Feed Quantity MLD (Design- 60 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <20 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <30 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	
17-Oct-20	84810	84.81	7.41	7.79	125.00	26.00	292.00	42.00	NA		0.40	1) Value of KPIs are on the higher side due to excess flow received in STP.
18-Oct-20	80780	80.78	7.38	7.80	130.00	27.00	262.00	38.00	NA		0.50	1) Value of KPIs are on the higher side due to excess flow received in STP.
19-Oct-20	88000	88.00	7.40	7.69	126.00	24.00	285.00	43.00	NA		0.50	1) Value of KPIs are on the higher side due to excess flow received in STP.
20-Oct-20	86380	86.38	7.43	7.66	132.00	28.00	288.00	45.00	NA		0.40	1) Value of KPIs are on the higher side due to excess flow received in STP.
21-Oct-20	84310	84.31	7.46	7.71	136.00	26.00	258.00	40.00	NA		0.50	1) Value of KPIs are on the higher side due to excess flow received in STP.
22-Oct-20	82960	82.96	7.38	7.78	140.00	28.00	277.00	37.00	NA		0.40	1) Value of KPIs are on the higher side due to excess flow received in STP.
23-Oct-20	81820	81.82	7.35	7.72	130.00	24.00	276.00	39.00	NA		0.50	1) Value of KPIs are on the higher side due to excess flow received in STP.
24-Oct-20	77160	77.16	7.40	7.76	132.00	27.00	282.00	41.00	NA		0.50	1) Value of KPIs are on the higher side due to excess flow received in STP.
25-Oct-20	79710	79.71	7.48	7.72	125.00	29.00	296.00	43.00	NA		0.40	1) Value of KPIs are on the higher side due to excess flow received in STP.
26-Oct-20	78040	78.04	7.42	7.74	128.00	26.00	290.00	45.00	NA		0.50	1) Value of KPIs are on the higher side due to excess flow received in STP.
27-Oct-20	82500	82.50	7.37	7.72	120.00	24.00	283.00	38.00	NA		0.50	1) Value of KPIs are on the higher side due to excess flow received in STP.
28-Oct-20	83920	83.92	7.35	7.69	130.00	27.00	272.00	39.00	NA		0.50	1) Value of KPIs are on the higher side due to excess flow received in STP.
29-Oct-20	86260	86.26	7.34	7.64	125.00	25.00	269.00	43.00	NA		0.40	1) Value of KPIs are on the higher side due to excess flow received in STP.
30-Oct-20	80000	80.00	7.40	7.69	115.00	27.00	279.00	41.00	NA		0.40	1) Value of KPIs are on the higher side due to excess flow received in STP.
31-Oct-20	75430	75.43	7.45	7.75	132.00	26.00	274.00	34.00	NA		0.30	1) Value of KPIs are on the higher side due to excess flow received in STP.
<b>Average</b>	<b>78640.00</b>	<b>78.64</b>	<b>7.40</b>	<b>7.74</b>	<b>129.16</b>	<b>26.58</b>	<b>283.45</b>	<b>41.26</b>			<b>0.45</b>	

**Numayadahi 50 MLD under Package-III**

Date	Daily Feed Quantity MLD (Design- 50 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <20 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <30 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
1-Oct-20	7290	7.29	7.14	7.80	125	52	300	100	NA	Existing Lab don't have facility to Test fecal & total coliform but UPPCB is taking sample for Fecal & total coliform test and providing report as per their Schedule.	0.5	Lab set-up is not complete. Testing of this parameter is not done for complete month.	Lab set-up is not complete. Testing of this parameter is not done for complete month.	1) Plant availability is not 100% due to Rehabilitation works for one Aeration Tank & one Biotower are not complete, Retaining wall for Drains at Ghagharnalla MPS and Sasur Khaderi SPS are broken & Rehabilitation works for sewage pumps at Ghaghar nalla MPS are not complete, hence Raw Sewage is going directly into the river. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
2-Oct-20	7020	7.02	7.19	7.65	140	44	280	86	NA		0.6			1) Plant availability is not 100% due to Rehabilitation works for one Aeration Tank & one Biotower are not complete, Retaining wall for Drains at Ghagharnalla MPS and Sasur Khaderi SPS are broken & Rehabilitation works for sewage pumps at Ghaghar nalla MPS are not complete, hence Raw Sewage is going directly into the river. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
3-Oct-20	6750	6.75	7.14	7.80	130	48	260	56	NA		0.5			1) Plant availability is not 100% as per approved Guaranteed Interim Availability due to Rehabilitation works for one Aeration Tank & one Biotower are not complete, Retaining wall for Drains at Ghagharnalla MPS and Sasur Khaderi SPS are broken & Rehabilitation works for sewage pumps at Ghaghar nalla MPS are not complete, hence Raw Sewage is going directly into the river. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.



Date	Daily Feed Quantity MLD (Design- 50 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <20 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <30 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
4-Oct-20	9090	9.09	7.24	7.63	125	36	280	82	NA		0.5			1) Plant availability is not 100% due to Rehabilitation works for one Aeration Tank & one Biotower are not complete, Retaining wall for Drains at Ghagharnalla MPS and Sasur Khaderi SPS are broken & Rehabilitation works for sewage pumps at Ghaghar nalla MPS are not complete, hence Raw Sewage is going directly into the river. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
5-Oct-20	5310	5.31	7.34	7.64	115	32	240	80	NA		0.6			1) Plant availability is not 100% due to Rehabilitation works for one Aeration Tank & one Biotower are not complete, Retaining wall for Drains at Ghagharnalla MPS and Sasur Khaderi SPS are broken & Rehabilitation works for sewage pumps at Ghaghar nalla MPS are not complete, hence Raw Sewage is going directly into the river. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
6-Oct-20	4000	4.00	7.38	7.54	135	34	240	85	NA		0.5			1) Plant availability is not 100% due to Rehabilitation works for one Aeration Tank & one Biotower are not complete, Retaining wall for Drains at Ghagharnalla MPS and Sasur Khaderi SPS are broken & Rehabilitation works for sewage pumps at Ghaghar nalla MPS are not complete, hence Raw Sewage is going directly into the river. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.



Date	Daily Feed Quantity MLD (Design- 50 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <20 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <30 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
7-Oct-20	4320	4.32	7.22	7.84	140	32	260	65	NA		0.5			1) Plant availability is not 100% due to Rehabilitation works for one Aeration Tank & one Biotower are not complete, Retaining wall for Drains at Ghagharnalla MPS and Sasur Khaderi SPS are broken & Rehabilitation works for sewage pumps at Ghaghar nalla MPS are not complete, hence Raw Sewage is going directly into the river. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
8-Oct-20	4410	4.41	7.36	7.76	130	30	240	45	NA		0.5			1) Plant availability is not 100% due to Rehabilitation works for one Aeration Tank & one Biotower are not complete, Retaining wall for Drains at Ghagharnalla MPS and Sasur Khaderi SPS are broken & Rehabilitation works for sewage pumps at Ghaghar nalla MPS are not complete, hence Raw Sewage is going directly into the river. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
9-Oct-20	9180	9.18	7.24	7.84	120	28	260	55	NA		0.6			1) Plant availability is not 100% due to Rehabilitation works for one Aeration Tank & one Biotower are not complete, Retaining wall for Drains at Ghagharnalla MPS and Sasur Khaderi SPS are broken & Rehabilitation works for sewage pumps at Ghaghar nalla MPS are not complete, hence Raw Sewage is going directly into the river. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.

Date	Daily Feed Quantity MLD (Design- 50 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <20 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <30 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
10-Oct-20	10260	10.26	7.32	7.87	105	29	280	48	NA		0.5			1) Plant availability is not 100% due to Rehabilitation works for one Aeration Tank & one Biotower are not complete & Retaining wall for Drains at Ghagharnalla MPS and Sasur Khaderi SPS are broken, hence Raw Sewage is going directly into the river. 2) Rehabilitation works for sewage pumps at Ghagharnalla MPS is completed on 10.10.2020. 3) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
11-Oct-20	13320	13.32	7.24	7.64	115	26	300	44	NA		0.5			1) Plant availability is not 100% due to Rehabilitation works for one Aeration Tank & one Biotower are not complete & Retaining wall for Drains at Ghagharnalla MPS and Sasur Khaderi SPS are broken, hence Raw Sewage is going directly into the river. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
12-Oct-20	13590	13.59	7.22	7.80	128	24	260	42	NA		0.6			1) Plant availability is not 100% due to Rehabilitation works for one Aeration Tank & one Biotower are not complete & Retaining wall for Drains at Ghagharnalla MPS and Sasur Khaderi SPS are broken, hence Raw Sewage is going directly into the river. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.

Date	Daily Feed Quantity MLD (Design- 50 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <20 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <30 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
13-Oct-20	15750	15.75	7.17	7.84	125	26	270	46	NA		0.5			1) Plant availability is not 100% due to Rehabilitation works for one Aeration Tank & one Biotower are not complete & Retaining wall for Drains at Ghagharnalla MPS and Sasur Khaderi SPS are broken, hence Raw Sewage is going directly into the river. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
14-Oct-20	16110	16.11	7.14	7.84	135	28	280	42	NA		0.5			1) Plant availability is not 100% due to Rehabilitation works for one Aeration Tank & one Biotower are not complete & Retaining wall for Drains at Ghagharnalla MPS and Sasur Khaderi SPS are broken, hence Raw Sewage is going directly into the river. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
15-Oct-20	32670	32.67	7.26	7.86	140	24	260	46	NA		0.5			1) Plant availability is not 100% due to Rehabilitation works for one Aeration Tank & one Biotower are not complete & Retaining wall for Drains at Ghagharnalla MPS, hence Raw Sewage is going directly into the river. 2) Repairing of retaining wall at Sasur Kadheri SPS is completed. 3) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works & increase in flow received at STP due to repairing of retaining wall at Sasur Kadheri SPS.

Date	Daily Feed Quantity MLD (Design- 50 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <20 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <30 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
16-Oct-20	31860	31.86	7.34	7.75	126	26	240	40	NA		0.6			1) Plant availability is not 100% due to Rehabilitation works for one Aeration Tank & one Biotower are not complete & Retaining wall for Drains at Ghagharnalla MPS, hence Raw Sewage is going directly into the river. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works & increase in flow received at STP due to repairing of retaining wall at Sasur Kadheri SPS.
17-Oct-20	49150	49.15	7.24	7.80	140	27	260	45	NA		0.5			1) Plant availability is not 100% due to Rehabilitation works for one Aeration Tank & one Biotower are not complete. 2) Repairing of retaining wall at Ghagharnalla MPS is completed. 3) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works & increase in flow received at STP due to repairing of retaining wall at Ghagharnalla MPS.
18-Oct-20	51930	51.93	7.26	7.69	130	24	280	42	NA		0.5			1) Plant availability is not 100% due to Rehabilitation works for one Aeration Tank & one Biotower are not complete. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works & increase in flow received at STP due to repairing of retaining wall at Ghagharnalla MPS.

Date	Daily Feed Quantity MLD (Design- 50 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <20 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <30 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
19-Oct-20	43200	43.20	7.24	7.76	145	22	260	36	NA		0.5			1) Plant availability is not 100% due to Rehabilitation works for one Biotower are not complete. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works & increase in flow received at STP due to repairing of retaining wall at Ghagharnalla MPS. 3) Aeration tank no. 3 was taken inot operation on 19.10.2020.
20-Oct-20	47420	47.42	7.20	7.72	135	24	280	44	NA		0.5			1) Plant availability is 100% after completion of all Rehabilitation works for process units. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works & increase in flow received at STP due to completion of Rehabilitation works at SPS/MPS. 3) Biotower no. 2 was taken into operation on 20.10.2020.
21-Oct-20	50130	50.13	7.19	7.64	145	22	260	49	NA		0.5			1) Plant availability is 100%. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works & increase in flow received at STP due to completion of Rehabilitation works at SPS/MPS.
22-Oct-20	45810	45.81	7.36	7.80	130	20	280	40	NA		0.5			1) Plant availability is 100%. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works & increase in flow received at STP due to completion of Rehabilitation works at SPS/MPS.

Date	Daily Feed Quantity MLD (Design- 50 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <20 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <30 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
23-Oct-20	43610	43.61	7.26	7.84	145	18	300	41	NA		0.6			1) Plant availability is 100%. 2) Value of TSS is on the higher side due to new biomass generation in various units after completion of Rehabilitation works & increase in flow received at STP due to completion of Rehabilitation works at SPS/MPS.
24-Oct-20	42390	42.39	7.34	7.84	150	18	310	40	NA		0.5			1) Plant availability is 100%. 2) Value of TSS is on the higher side due to new biomass generation in various units after completion of Rehabilitation works & increase in flow received at STP due to completion of Rehabilitation works at SPS/MPS.
25-Oct-20	46710	46.71	7.22	7.69	135	17	280	36	NA		0.5			1) Plant availability is 100% as per approved Guaranteed Interim Availability. 2) Value of TSS is on the higher side due to new biomass generation in various units after completion of Rehabilitation works & increase in flow received at STP due to completion of Rehabilitation works at SPS/MPS.
26-Oct-20	62670	62.67	7.32	7.84	140	20	300	32	NA		0.5			1) Plant availability is 100% as per approved Guaranteed Interim Availability. 2) Value of TSS is on the higher side due to new biomass generation in various units after completion of Rehabilitation works & increase in flow received at STP due to completion of Rehabilitation works at SPS/MPS.
27-Oct-20	68040	68.04	7.14	7.74	155	18	260	34	NA		0.5			1) Plant availability is 100% as per approved Guaranteed Interim Availability. 2) Value of TSS is on the higher side due to new biomass generation in various units after completion of Rehabilitation works & increase in flow received at STP due to

Date	Daily Feed Quantity MLD (Design- 50 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <20 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <30 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
														completion of Rehabilitation works at SPS/MPS.
28-Oct-20	66860	66.86	7.26	7.84	145	16	240	28	NA		0.6			1) Plant availability is 100% as per approved Guaranteed Interim Availability.
29-Oct-20	61480	61.48	7.19	7.80	140	17	280	30	NA		0.5			1) Plant availability is 100% as per approved Guaranteed Interim Availability.
30-Oct-20	52330	52.33	7.44	7.79	130	16	260	29	NA		0.5			1) Plant availability is 100% as per approved Guaranteed Interim Availability.
31-Oct-20	51110	51.11	7.36	7.84	145	15	280	26	NA	800.00	0.6	25.00	1200000.00	1) Plant availability is 100% as per approved Guaranteed Interim Availability. 3) Fecal Coliform testing for effluent & sludge is started from 31.10.2020. 3) Sludge concentration testing is started from 31.10.2020.
Average	31411.94	31.41	7.26	7.77	133.68	26.23	270.32	48.84		800.00	0.53	25.00	1200000.00	



**Salori 29 MLD under Package-III**

Date	Daily Feed Quantity MLD (Design- 29 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <30 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <50 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
1-Oct-20	0	0.00	100% Shutdown taken for Rehabilitation Work											1) Plant availability is 0% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Complete STP is in Shutdown and Sewage is being bypassed into the river & alternate treatment for the same is being done through Bio-remediation. 2) Completion of Rehabilitation works planned for 100% Shutdown of STP is delayed as it was to be completed by 13.09.2020. 3) Plant Availability is not 50% as per approved Guaranteed Interim Availability due to Rehabilitation works going on in STP.
2-Oct-20	0	0.00												
3-Oct-20	0	0.00												
4-Oct-20	0	0.00												
5-Oct-20	0	0.00												
6-Oct-20	0	0.00												
7-Oct-20	0	0.00												
8-Oct-20	0	0.00												
9-Oct-20	0	0.00												
10-Oct-20	0	0.00												
11-Oct-20	0	0.00												
12-Oct-20	0	0.00												
13-Oct-20	0	0.00												
14-Oct-20	0	0.00												
15-Oct-20	3000	3.00	7.52	7.49	136	105	296	237	NA	Lab set-up is not complete however UPPCB is taking sample for Fecal & total coliform test and providing report as per their Schedule.	0.40	Lab set-up is not complete. Testing of this parameter is not done for complete month.	Lab set-up is not complete. Testing of this parameter is not done for complete month.	1) First stream is taken into operation on 15/10/2020 after completion of Rehabilitation works. 2) Plant Availability is not 100% due to Rehabilitation works going on in one stream of STP & Salori MPS. 3) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
16-Oct-20	9250	9.25	7.40	7.20	132	90	305	248	NA		0.50			1) First stream is taken into operation on 15/10/2020 after completion of Rehabilitation works. 2) Plant Availability is not 100% due to Rehabilitation works going on in one stream of STP & Salori MPS. 3) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.

Date	Daily Feed Quantity MLD (Design- 29 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <30 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <50 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
17-Oct-20	10650	10.65	7.39	7.52	137	75	321	198	NA		0.40			1) First stream is taken into operation on 15/10/2020 after completion of Rehabilitation works. 2) Plant Availability is not 100% due to Rehabilitation works going on in one stream of STP & Salori MPS. 3) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
18-Oct-20	15950	15.95	7.51	7.48	129	60	297	173	NA		0.30			1) First stream is taken into operation on 15/10/2020 after completion of Rehabilitation works. 2) Plant Availability is not 100% due to Rehabilitation works going on in one stream of STP & Salori MPS. 3) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
19-Oct-20	14150	14.15	7.44	7.34	135	53	306	158	NA		0.40			1) First stream is taken into operation on 15/10/2020 after completion of Rehabilitation works. 2) Plant Availability is not 100% due to Rehabilitation works going on in one stream of STP & Salori MPS. 3) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
20-Oct-20	15100	15.10	7.36	7.41	140	46	309	128	NA		0.30			1) First stream is taken into operation on 15/10/2020 after completion of Rehabilitation works. 2) Plant Availability is not 100% due to Rehabilitation works going on in one stream of STP & Salori MPS. 3) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
21-Oct-20	14600	14.60	7.68	7.54	127	37	318	105	NA		0.50			1) First stream is taken into operation on 15/10/2020 after completion of Rehabilitation works. 2) Plant Availability is not 100% due to Rehabilitation works going on in one stream of STP & Salori MPS. 3) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.

Date	Daily Feed Quantity MLD (Design- 29 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <30 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <50 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
22-Oct-20	15700	15.70	7.49	7.34	135	30	309	71	NA		0.40			1) First stream is taken into operation on 15/10/2020 after completion of Rehabilitation works. 2) Plant Availability is not 100% due to Rehabilitation works going on in one stream of STP & Salori MPS. 3) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
23-Oct-20	14700	14.70	7.52	7.41	137	28	304	49	NA		0.30			1) First stream is taken into operation on 15/10/2020 after completion of Rehabilitation works. 2) Plant Availability is not 100% due to Rehabilitation works going on in one stream of STP & Salori MPS.
24-Oct-20	19900	19.90	7.65	7.51	128	26	310	47	NA		0.40			1) Second stream is taken into operation on 24/10/2020 after completion of Rehabilitation works. 2) Plant Availability is 100% as both streams of STP are taken into operation after completeion og Rehab works. 3) MPS availability is not 100% as installation and commssioning of pumps is not complete.
25-Oct-20	21650	21.65	7.38	7.51	136	23	314	43	NA		0.30			1) Second stream is taken into operation on 24/10/2020 after completion of Rehabilitation works. 2) Plant Availability is 100% as both streams of STP are taken into operation after completeion og Rehab works. 3) MPS availability is not 100% as installation and commssioning of pumps is not complete.
26-Oct-20	24100	24.10	7.52	7.48	132	25	309	42	NA		0.50			1) Second stream is taken into operation on 24/10/2020 after completion of Rehabilitation works. 2) Plant Availability is 100% as both streams of STP are taken into operation after completeion og Rehab works. 3) MPS availability is not 100% as installation and commssioning of pumps is not complete.

Date	Daily Feed Quantity MLD (Design- 29 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <30 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <50 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
27-Oct-20	25800	25.80	7.36	7.56	140	22	313	40	NA		0.30			1) Second stream is taken into operation on 24/10/2020 after completion of Rehabilitation works. 2) Plant Availability is 100% as both streams of STP are taken into operation after completeion og Rehab works. 3) MPS availability is not 100% as installation and commssioning of pumps is not complete.
28-Oct-20	27700	27.70	7.65	7.47	129	20	310	38	NA		0.40			1) Second stream is taken into operation on 24/10/2020 after completion of Rehabilitation works. 2) Plant Availability is 100% as both streams of STP are taken into operation after completeion og Rehab works. 3) MPS availability is not 100% as installation and commssioning of pumps is not complete.
29-Oct-20	33370	33.37	7.68	7.44	133	19	316	37	NA		0.40			1) Second stream is taken into operation on 24/10/2020 after completion of Rehabilitation works. 2) Plant Availability is 100% as both streams of STP are taken into operation after completion og Rehab works. 3) MPS availability is not 100% as installation and commissioning of pumps is not complete.
30-Oct-20	29100	29.10	7.60	7.69	140	16	314	35	NA		0.50			1) Second stream is taken into operation on 24/10/2020 after completion of Rehabilitation works. 2) Plant Availability is 100% as both streams of STP are taken into operation after completion og Rehab works. 3) MPS availability is not 100% as installation and commissioning of pumps is not complete.



Date	Daily Feed Quantity MLD (Design- 29 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - <30 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - <50 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
31-Oct-20	27950	27.95	7.79	7.67	132	18	309	34	NA	600.00	0.30	20.00	700000.00	1) Second stream is taken into operation on 24/10/2020 after completion of Rehabilitation works. 2) Plant Availability is 100% as both streams of STP are taken into operation after completion of Rehab works. 3) MPS availability is not 100% as installation and commissioning of pumps is not complete. Only three pumps are ready for operation. 4) Fecal Coliform testing for effluent & sludge is started from 31.10.2020. 5) Sludge concentration testing is started from 31.10.2020.
Average	10408.71	10.41	7.53	7.47	134.00	40.76	309.41	99.00		600.00	0.39	20.00	700000.00	

**Kodra 25 MLD under Package-III**

Date	Daily Feed Quantity MLD (Design- 25 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - < 20 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - < 30 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
1-Oct-20	19900	19.90	7.20	7.80	122	34	264	66	NA	Existing Lab don't have facility to Test fecal & total coliform but UPPCB is taking sample for Fecal & total coliform test and providing report as per their Schedule.	0.5	Lab set-up is not complete. Testing of this parameter is not done for complete month.	Lab set-up is not complete. Testing of this parameter is not done for complete month.	1) Plant availability is not 100% due to Rehabilitation works going on in one stream of STP, Retaining wall for Drain nearby STP is broken hence Raw Sewage is going directly into the river. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
2-Oct-20	19400	19.40	7.10	7.90	130	30	248	60	NA		0.5			1) Plant availability is not 100% as Retaining wall for Drain nearby STP is broken hence Raw Sewage is going directly into the river. 2) Second stream is taken into operation on 02.10.2020 after completion of Rehab works. 3) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
3-Oct-20	16000	16.00	6.90	7.80	120	26	250	37	NA		0.4			1) Plant availability is not 100% as Retaining wall for Drain nearby STP is broken hence Raw Sewage is going directly into the river. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
4-Oct-20	17340	17.34	7.20	7.90	125	24	268	42	NA		0.4			1) Plant availability is not 100% as Retaining wall for Drain nearby STP is broken hence Raw Sewage is going directly into the river. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
5-Oct-20	18810	18.81	7.15	7.84	130	21	290	38	NA		0.5			1) Plant availability is not 100% as Retaining wall for Drain nearby STP is broken hence Raw Sewage is going directly into the river. 2) Value of KPIs are on the higher side due to new biomass generation in various units after completion of Rehabilitation works.



Date	Daily Feed Quantity MLD (Design- 25 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - < 20 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - < 30 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
6-Oct-20	18800	18.80	6.98	7.74	120	18	280	33	NA		0.5			1) Plant availability is not 100% as Retaining wall for Drain nearby STP is broken hence Raw Sewage is going directly into the river. 2) Value of TSS is on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
7-Oct-20	19990	19.99	7.12	7.89	125	16	304	26	NA		0.5			1) Plant availability is not 100% as Retaining wall for Drain nearby STP is broken hence Raw Sewage is going directly into the river.
8-Oct-20	19110	19.11	7.18	7.84	130	14	278	32	NA		0.4			1) Plant availability is not 100% as Retaining wall for Drain nearby STP is broken hence Raw Sewage is going directly into the river. 2) Value of TSS is on the higher side due to new biomass generation in various units after completion of Rehabilitation works.
9-Oct-20	21750	21.75	7.22	7.92	126	18	294	28	NA		0.5			1) Plant availability is not 100% as Retaining wall for Drain nearby STP is broken hence Raw Sewage is going directly into the river.
10-Oct-20	24980	24.98	7.12	7.89	122	15	278	25	NA		0.4			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
11-Oct-20	23320	23.32	7.16	7.92	125	17	289	22	NA		0.5			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
12-Oct-20	23220	23.22	6.90	7.69	130	14	315	28	NA		0.5			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
13-Oct-20	22000	22.00	7.16	7.82	126	16	309	23	NA		0.4			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
14-Oct-20	21460	21.46	7.21	7.73	132	19	296	20	NA		0.5			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
15-Oct-20	20340	20.34	7.10	7.89	124	17	285	24	NA		0.4			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
16-Oct-20	22930	22.93	7.14	7.65	128	15	275	27	NA		0.4			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
17-Oct-20	24690	24.69	6.92	7.78	130	14	290	29	NA		0.5			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.



Date	Daily Feed Quantity MLD (Design- 25 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - < 20 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - < 30 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
18-Oct-20	22930	22.93	7.10	7.80	135	17	315	25	NA		0.5			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
19-Oct-20	23400	23.40	7.18	7.92	132	15	296	23	NA		0.4			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
20-Oct-20	26460	26.46	7.22	7.98	135	16	312	20	NA		0.5			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
21-Oct-20	31160	31.16	7.17	7.84	128	14	286	24	NA		0.5			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
22-Oct-20	31650	31.65	6.80	7.67	125	13	304	20	NA		0.5			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
23-Oct-20	30770	30.77	6.89	7.84	118	15	278	18	NA		0.5			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
24-Oct-20	31160	31.16	6.92	7.54	122	13	295	21	NA		0.5			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
25-Oct-20	27010	27.01	6.99	7.64	115	14	306	18	NA		0.5			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
26-Oct-20	32810	32.81	7.15	7.44	112	15	273	20	NA		0.5			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
27-Oct-20	33810	33.81	7.25	7.65	120	14	266	19	NA		0.4			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
28-Oct-20	29400	29.40	7.25	7.77	115	15	256	16	NA		0.5			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
29-Oct-20	25060	25.06	7.30	7.65	112	13	250	19	NA		0.4			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.
30-Oct-20	24000	24.00	7.26	7.74	110	15	247	21	NA		0.5			1) Plant availability is 100% as temporary retaining wall for Drain nearby STP was constructed on 10.10.2020.

Date	Daily Feed Quantity MLD (Design- 25 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - < 20 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - < 30 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
31-Oct-20	21100	21.10	7.18	7.84	120	14	264	16	NA	650.00	0.5	28.40	650000.00	1) Plant availability is not 100% due to leakage from temporary retaining wall for Drain nearby STP and raw sewage is going directly into the river. 2) Fecal Coliform testing for effluent & sludge is started from 31.10.2020. 3) Sludge concentration testing is started from 31.10.2020.
Average	24024.52	24.02	7.11	7.78	124.00	17.13	282.61	27.10		650.00	0.47	28.40	650000.00	

**Ponghat 10 MLD under Package-III**

Date	Daily Feed Quantity MLD (Design- 10 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - < 20 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - < 30 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
1-Oct-20	8055	8.06	7.33	7.78	126	17	261	28	NA	Existing Lab don't have facility to Test fecal & total coliform.	0.5	Lab set-up is not complete. Testing of this parameter is not done for complete month.	Lab set-up is not complete. Testing of this parameter is not done for complete month.	1)Plant availability is100% after completion of Rehabilitation works for Process Units.
2-Oct-20	8646	8.65	7.29	7.81	128	16	258	26	NA		0.3			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
3-Oct-20	8454	8.45	7.21	7.68	130	15	252	22	NA		0.3			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
4-Oct-20	8879	8.88	7.26	7.8	135	16	259	24	NA		0.4			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
5-Oct-20	9060	9.06	7.22	7.73	132	17	263	23	NA		0.2			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
6-Oct-20	4182	4.18	7.31	7.78	126	16	253	21	NA		0.4			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
7-Oct-20	6640	6.64	7.23	7.7	128	17	267	20	NA		0.5			1)Plant availability is100% after completion of Rehabilitation works for Process Units.

Date	Daily Feed Quantity MLD (Design- 10 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - < 20 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - < 30 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
8-Oct-20	6467	6.47	7.20	7.75	130	16	260	21	NA		0.3			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
9-Oct-20	7414	7.41	7.28	7.82	132	17	269	22	NA		0.2			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
10-Oct-20	6834	6.83	7.18	7.68	135	16	276	23	NA		0.5			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
11-Oct-20	7242	7.24	7.25	7.76	127	18	263	22	NA		0.3			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
12-Oct-20	6512	6.51	7.27	7.83	125	16	257	24	NA		0.5			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
13-Oct-20	7596	7.60	7.21	7.8	128	17	269	25	NA		0.5			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
14-Oct-20	7862	7.86	7.18	7.78	130	16	276	23	NA		0.5			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
15-Oct-20	7578	7.58	7.24	7.71	126	17	266	24	NA		0.3			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
16-Oct-20	7449	7.45	7.20	7.82	128	16	271	23	NA		0.4			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
17-Oct-20	8187	8.19	7.27	7.75	132	17	283	25	NA		0.5			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
18-Oct-20	7483	7.48	7.18	7.69	127	15	260	24	NA		0.3			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
19-Oct-20	7433	7.43	7.21	7.73	130	16	278	25	NA		0.4			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
20-Oct-20	7272	7.27	7.23	7.7	132	15	264	23	NA		0.3			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
21-Oct-20	7413	7.41	7.26	7.76	136	16	271	22	NA		0.5			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
22-Oct-20	7391	7.39	7.33	7.68	132	17	260	21	NA		0.4			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
23-Oct-20	7159	7.16	7.27	7.74	135	15	267	22	NA		0.5			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
24-Oct-20	7795	7.80	7.30	7.82	132	16	273	21	NA		0.5			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
25-Oct-20	7486	7.49	7.21	7.67	140	14	268	22	NA		0.4			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
26-Oct-20	7156	7.16	7.16	7.69	138	15	278	20	NA		0.5			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
27-Oct-20	7385	7.39	7.20	7.64	136	14	276	19	NA		0.4			1)Plant availability is100% after completion of Rehabilitation works for Process Units.



Date	Daily Feed Quantity MLD (Design- 10 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		REMARKS
	M3	MLD	Inlet pH (Design- <9)	Final pH (Design- 6.5 to 9.0)	Inlet BOD (Design- <250 mg/l)	Final BOD (Design - < 20 mg/l)	Inlet TSS (Design- <500 mg/l)	Final TSS (Design - < 30 mg/l)	Inlet (Design - NA)	Final (Design - <1000 MPN/100 ml)	Final (Design - 0.2 mg/l)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/gTS)	
28-Oct-20	7660	7.66	7.29	7.45	130	15	283	18	NA		0.5			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
29-Oct-20	7125	7.13	7.22	7.64	128	14	273	19	NA		0.5			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
30-Oct-20	7550	7.55	7.19	7.49	130	15	281	18	NA		0.4			1)Plant availability is100% after completion of Rehabilitation works for Process Units.
31-Oct-20	7381	7.38	7.41	7.79	135	16	266	21	NA	600.00	0.5	22.2	660000.00	1)Plant availability is100% after completion of Rehabilitation works for Process Units. 2) Fecal Coliform testing for effluent & sludge is started from 31.10.2020. 3) Sludge concentration testing is started from 31.10.2020.
Average	7443.42	7.44	7.24	7.72	130.94	15.90	267.77	22.29		600.00	0.41	22.20	660000.00	