

**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
NOVEMBER 2020**



Executing Agency

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



Funding Agency

National Mission for Clean
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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 5th 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**;

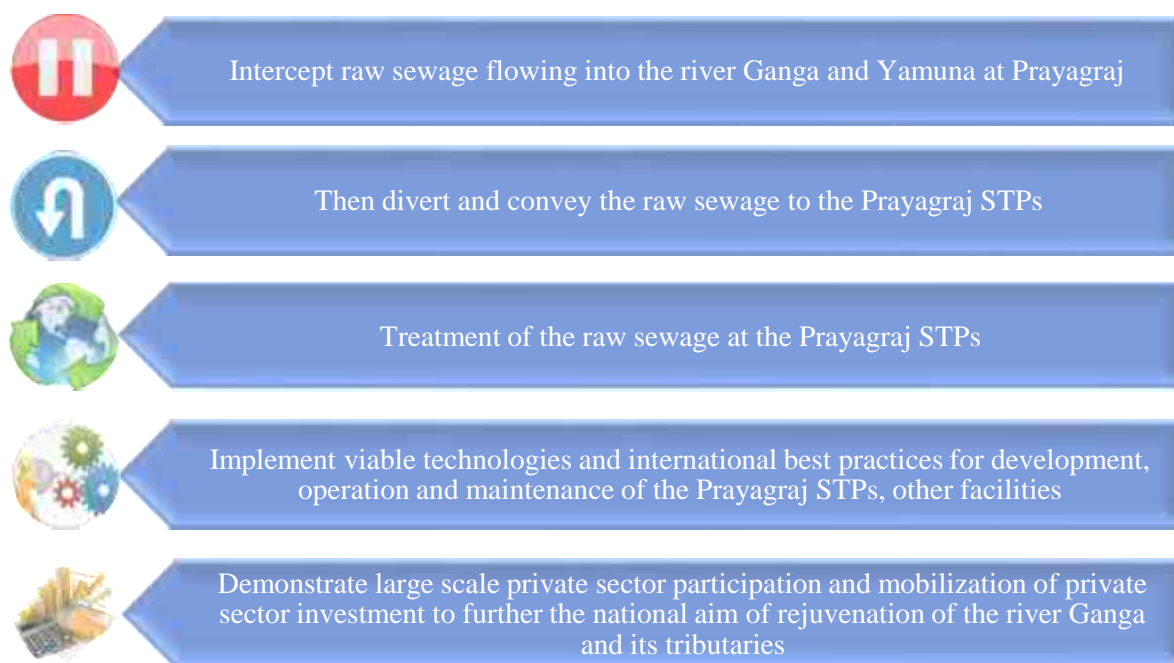


Figure 1 : Objectives of NMCG and UP JAL NIGAM

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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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	Development and Rehabilitation of Sewage Treatment Plants and Associated Infrastructure under HAM based PPP mode at Prayagraj, Uttar Pradesh
	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 th 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), Jhushi (16 MLD) & Phaphamau (14 MLD)). Setup rooftop Solar Power Plant of capacity 930kW (110kW at Phaphamau, 800kW at Naini-II and 20kW at Jhushi).
- 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

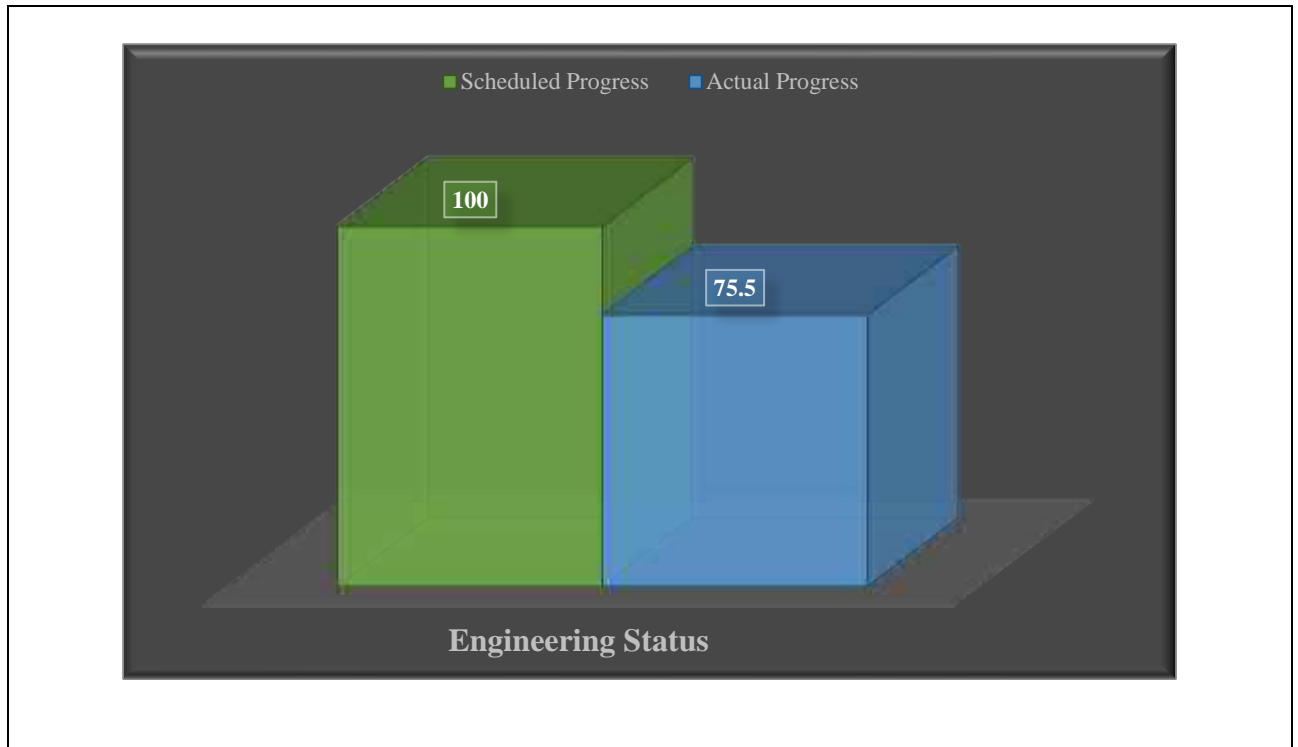
Package Number - II				
Nature of work		Facilities		
Rehabilitation		Design (wherever necessary), rehabilitate, restore, finance, operate and transfer two existing STP Facilities, one of capacity 80 MLD at Naini (District A) and other of capacity 60 MLD at Rajapur (District D) along with their Associated 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		
Rehabilitation		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

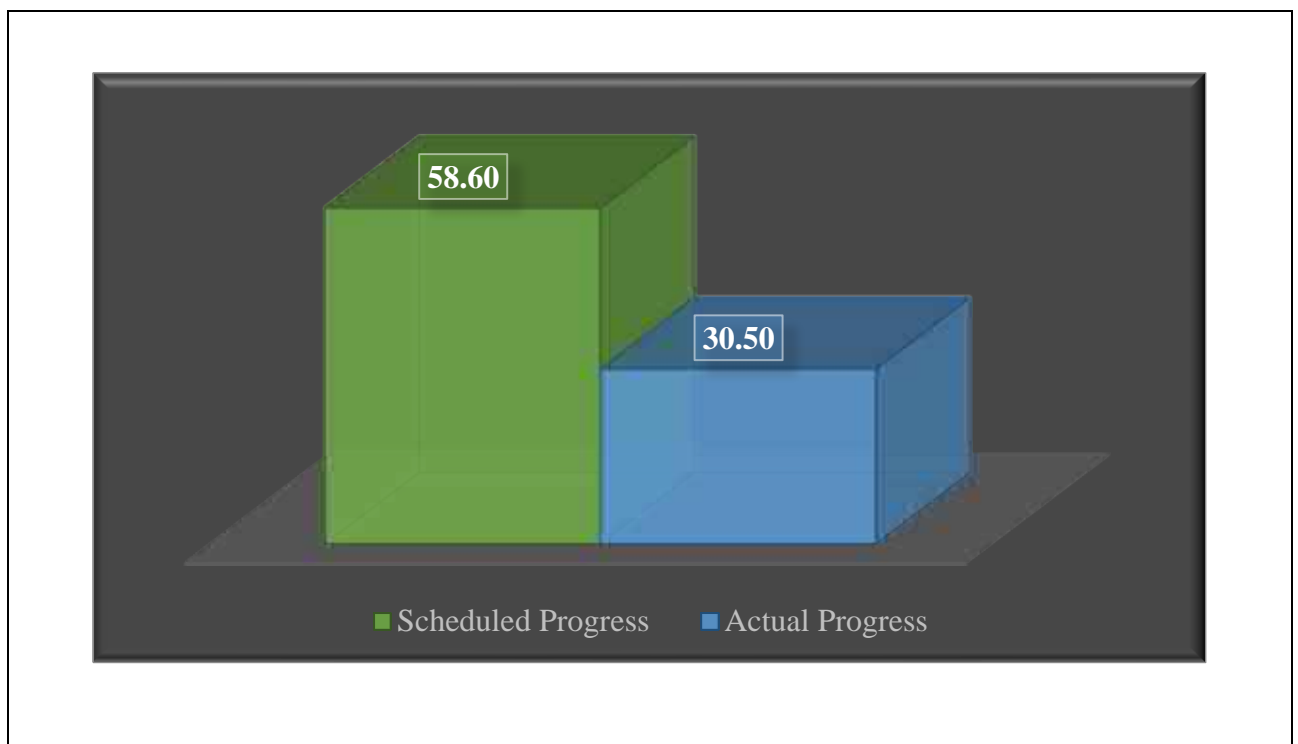
7. Status of project

7.1 Package-I status

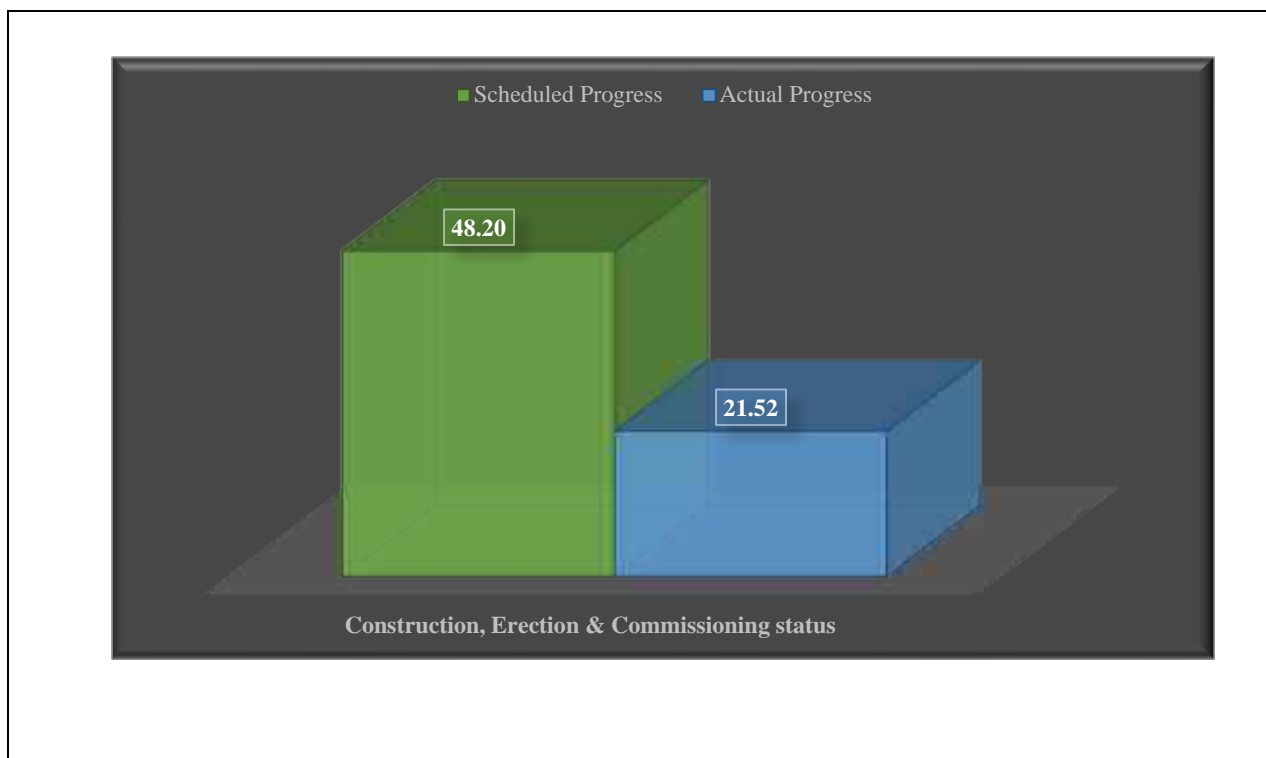
7.1.1. Engineering status



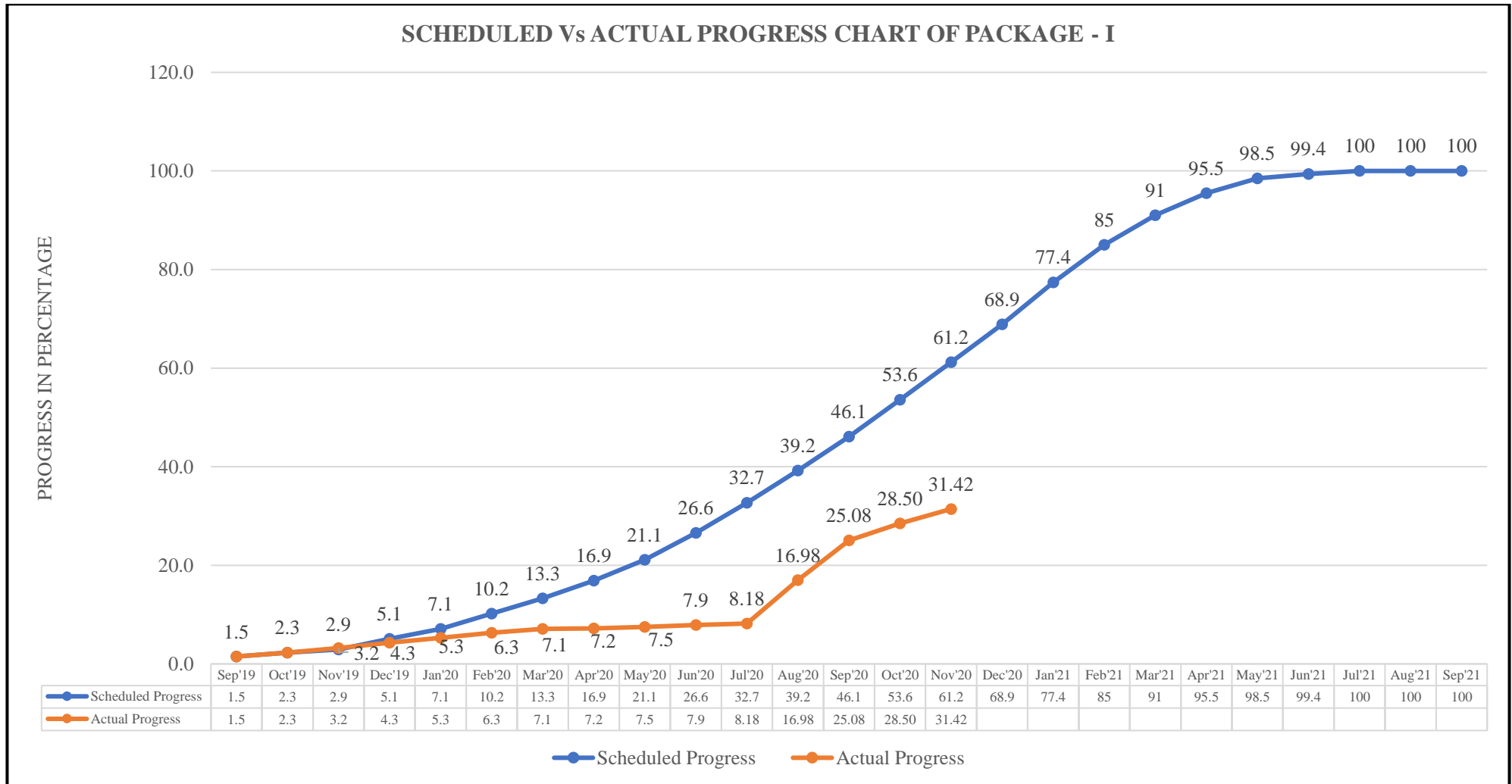
7.1.2 Procurement & Supply status



7.1.3 Construction, Erection & Commissioning status



7.1.4 Overall Package-I Progress



7.1.5 Physical Activities in November month

NEW CONSTRUCTION			
S. No.	Structure Description	Structure Qty.	Status
PACKAGE – I			
PHAPHAMAU STP			
1.	FCR tank	01 No.	<ul style="list-style-type: none"> Excavation, Rubble Soling, PCC and Bottom Raft concrete work completed. Sandwich Raft shuttering & De-shuttering under progress
2.	Tube Settler	01 No.	<ul style="list-style-type: none"> Excavation work completed. Rubble soling completed. PCC work completed.
3.	Staff Quarter	01 No.	<ul style="list-style-type: none"> Excavation and PCC work completed. Footing work completed Soil compaction under progress.
4.	MPS	01 No.	<ul style="list-style-type: none"> Excavation work is in progress.
NAINI – II STP			
5.	FCR tank	01 No.	<ul style="list-style-type: none"> Excavation, Rubble Soling, PCC completed. Bottom Raft (Tank-1 & 2) Reinforcement work complete. Wall Concrete Work under progress.
6.	Tube Settler	01 No.	<ul style="list-style-type: none"> Excavation work completed. Rubble soling under completed.
7.	Process Building	01 No.	<ul style="list-style-type: none"> Excavation work completed.
8.	Staff Quarter	01 No.	<ul style="list-style-type: none"> Excavation and PCC work completed Footing and Plinth beam with brick Slab work completed. Roof slab bottom beam shuttering work in progress
9.	Boundary Wall	01 No.	<ul style="list-style-type: none"> 58% Boundary Wall work is completed.
JHUNSI STP			
10.	FCR tank	01 No.	<ul style="list-style-type: none"> Excavation work completed. Rubble soling completed. PCC work completed. Wall reinforcement work under progress.
11.	Staff Quarter	01 No.	<ul style="list-style-type: none"> Staff Quarter excavation & PCC completed. Staff quarter footing casting under progress.
12.	Site office	01 No.	<ul style="list-style-type: none"> Site office setup completed.

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)
Phaphamau STP & Associated Infrastructure						
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
FCR tank unit	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	90	30	28	58
Other Misc Works	11-01-21	25-02-21				
Hydrotesting	08-01-21	16-01-21				
Tube settler, CCT & Sludge storage Tank	14-04-20	22-12-20				
Earth work & Boulder filling work	14-04-20	09-05-20	100	92	0	92
PCC work	06-05-20	16-05-20	100	50	0	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				
Main Process Building	03-06-20	15-03-21				
Excavation	03-06-20	22-06-20	100	100	0	100
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				
Basana Nalla SPS and I&D Works	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				
Shantipuram MPS and I&D Works	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	15	15	30
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	36	0	36
Pipe laying (Rising Main & Gravity Main)	11-09-20	05-03-21				
Rising main	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				
Gravity Main	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				
Other works	15-11-19	27-02-21				
Site office (Temporary office)	15-11-19	14-01-20	100	100	0	100
Other misc works (Boundary Wall, Road, rain water harvesting, Land scaping etc)	02-07-20	27-02-21				
Mechanical Erection-STP	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)
Mechanical Erection- SPS & MPS	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				
Electrical and C&I- STP Unit	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				
Electrical and C&I- SPS & MPS	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				
Naini-II STP & Associated Infrastructure						
Removal of shrubs	25-01-19	09-02-20	100	100	0	100
FCR tank unit	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)
Tube settler, CCT & Sludge storage Tank	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				
Main Process Building	24-05-20	12-03-21				
Excavation	24-05-20	28-06-20	100	0	70	70
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				
Mawaiya SPS and I&D work	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				
Mahewaghat SPS and I&D work	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				
Naini-II MPS and I&D work	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	31	0	31
I&D Other misc works	02-11-20	15-03-21				
Pipe laying (Rising Main & Gravity Main)	13-07-20	15-03-21				
Rising main	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				
Gravity Main	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				
Other works	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	25	2	27
Mechanical Erection-STP unit	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)
Mechanical Erection- SPS & MPS	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				
Electrical and C&I- STP Unit	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				
Electrical and C&I- SPS & MPS	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				
Trial Run, Final Inspection and COD	15-06-21	15-09-21				
Trial Run and Final Inspection	15-06-21	14-09-21				
COD	14-09-21	15-09-21				
Jhansi STP & Associated Infrastructure						
FCR tank unit	29-07-20	03-03-21				
Excavation work	29-07-20	22-08-20	100	100	0	100
Boulder filling work	22-08-20	29-08-20	100	100	0	100
PCC work	29-08-20	03-09-20	100	100	0	100
RCC upto completion	03-09-20	20-02-21				
Other finishing work	31-01-21	03-03-21				

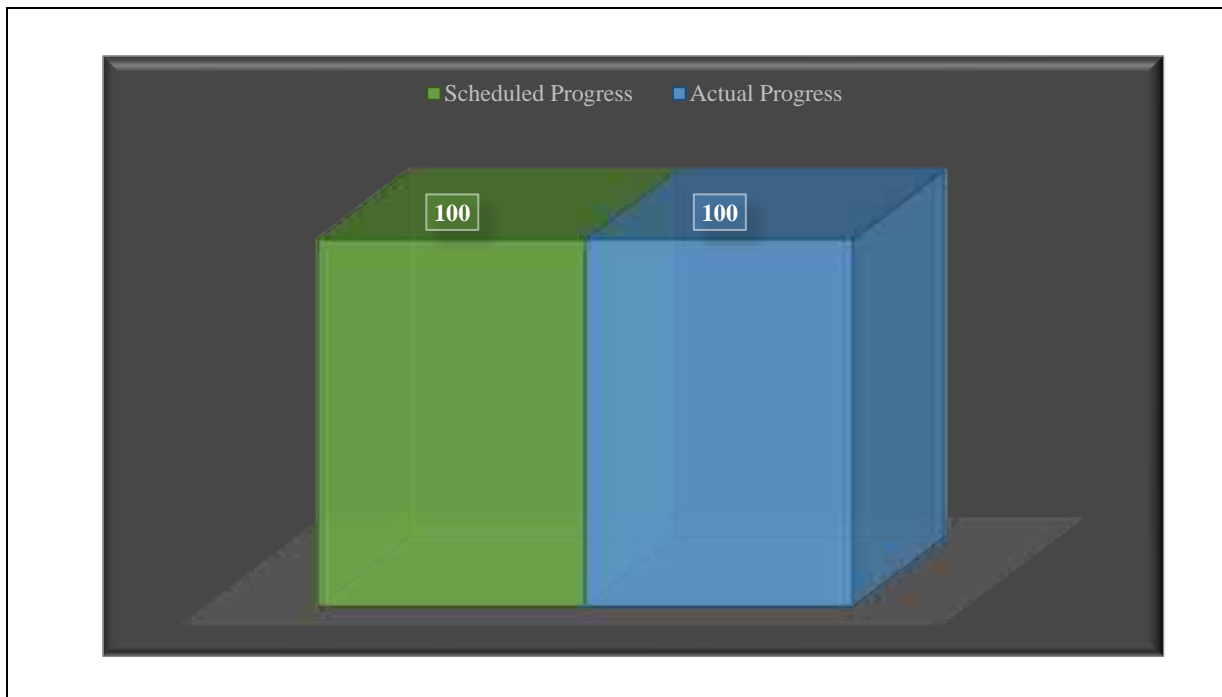
Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
Hydrotesting	20-02-21	25-02-21				
Tube settler, CCT & Sludge storage Tank	08-08-20	13-03-21				
Earth work & 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				
Main Process Building	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				
Shastri bridge SPS and I&D work	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				
Jhansi MPS and I&D work	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	60	27	0	27
Other Misc works	23-11-20	06-02-21				
Pipe laying (Rising Main & Gravity Main)	08-08-20	15-03-21				
Rising main	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				
Gravity Main	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				
Other works	14-02-20	20-03-21				
Site office (Temporary office)	14-02-20	29-04-20	100	100	0	100
Other misc works (Boundary Wall, Road, rain water harvesting, Land scaping etc)	13-07-20	20-03-21				
Mechanical Erection-STP unit	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				
Mechanical Erection-SPS & MPS	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				
Electrical and C&I- STP Unit	02-12-20	15-05-21				
Transformer Installation	02-12-20	29-01-21				
HT/LT panel erection	10-03-21	07-05-21				

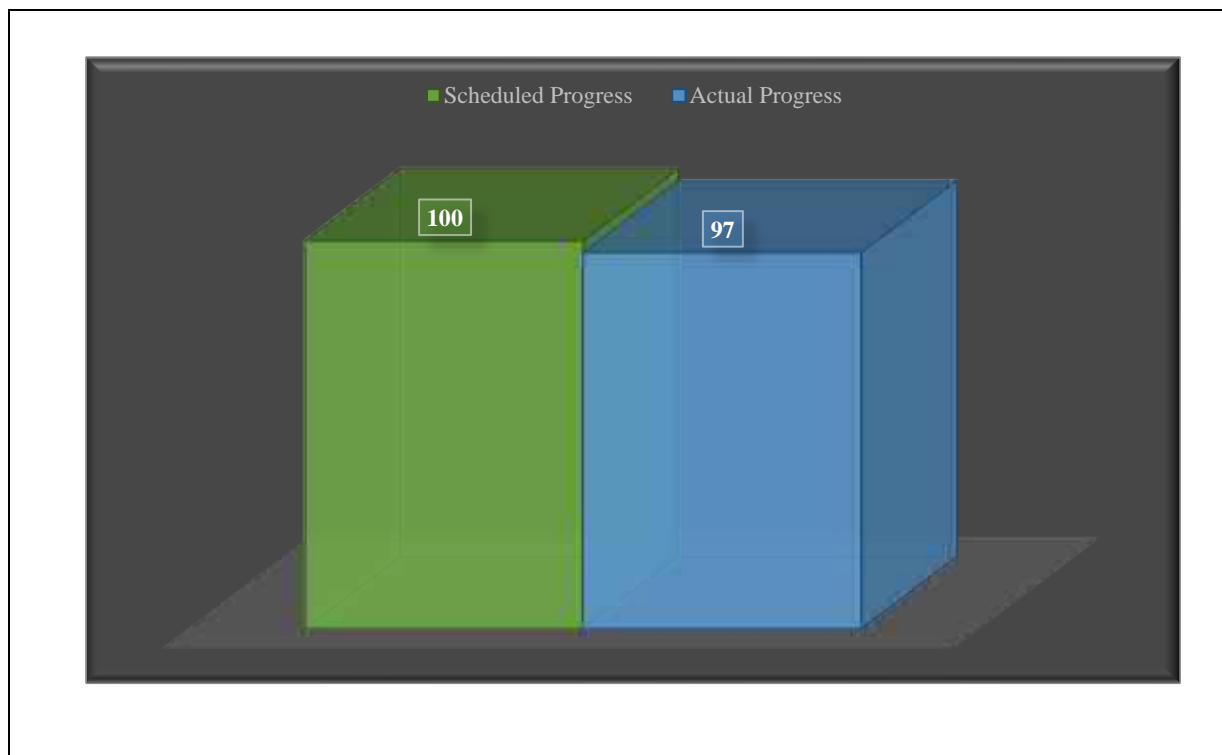
Work Description	Scheduled Start Date	Scheduled End Date	Scheduled Completion (In %)	Completion up to previous month (In %) (A)	This month completion (In %) (B)	Total completion (In %) (A+B)
PLC Panel & Online monitoring system	10-03-21	29-04-21				
Instrumentation works	08-03-21	15-05-21				
CCTV	24-04-21	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				
Electrical and C&I- SPS & MPS	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				
Trial Run, Final Inspection and COD	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



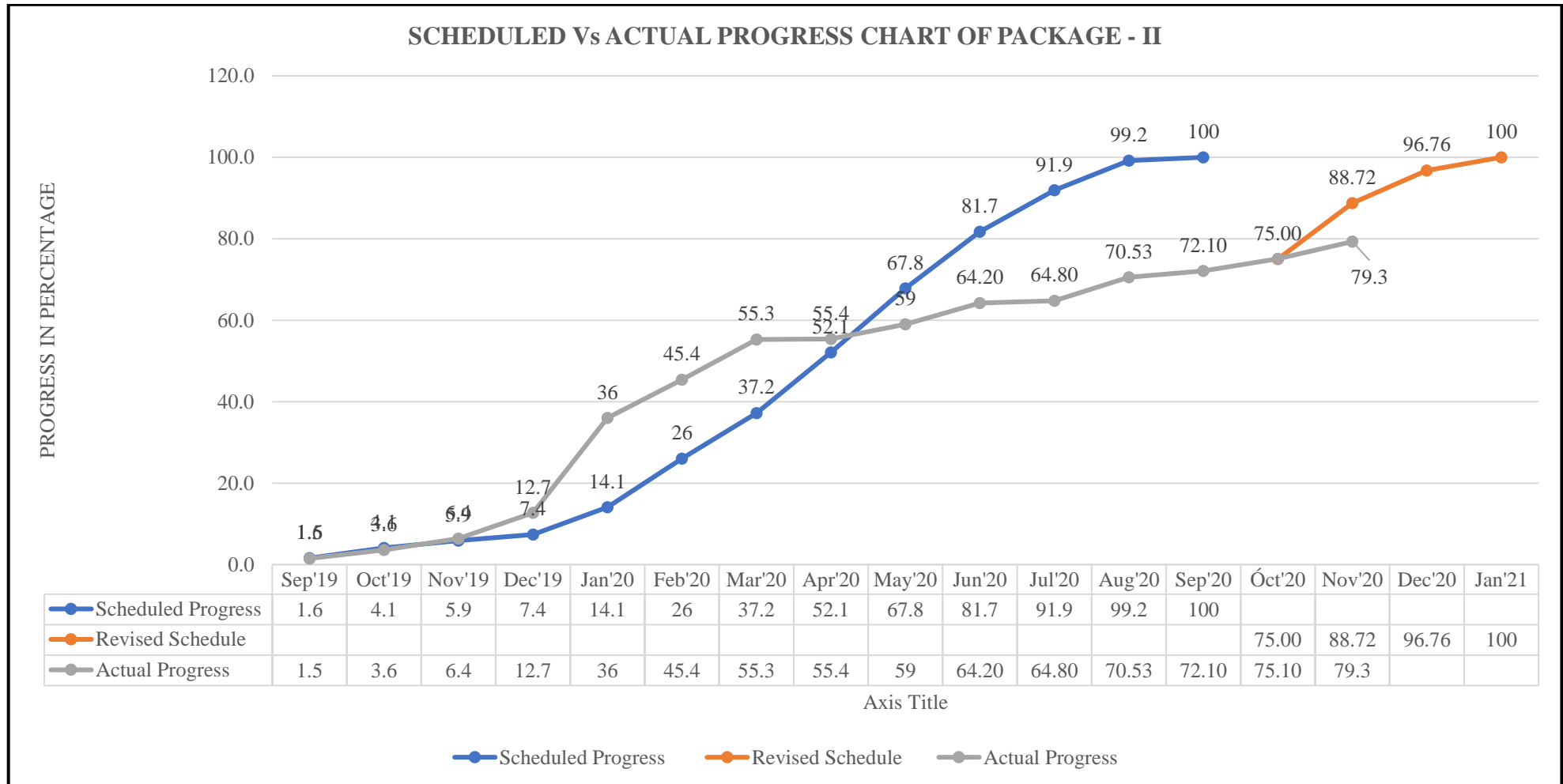
7.2.2 Procurement & Supply status



7.2.3 Construction, Erection & Commissioning status



7.2.4 Overall Package-II Progress



7.2.5 Physical Activities in November month

NEW CONSTRUCTION			
S. No.	Structure Description	Structure Qty.	Status
PACKAGE – II			
GAUGHAT MPS			
1.	PLC building	01 No.	<ul style="list-style-type: none"> PLC room completed. Painting work in progress.
RAJAPUR STP			
2.	Sludge Dewatering Building	01 No.	<ul style="list-style-type: none"> 1st Slab casting done. Scaffolding & shuttering work for 2nd Floor in Progress.
3.	Battery Room	01 No.	<ul style="list-style-type: none"> Roof slab casting completed. Brick work completed. Cable trench work in progress.
NAINI-I STP			
4.	Chachar Nalla SPS PLC Room	01 No.	<ul style="list-style-type: none"> Casting up to plinth beam completed. Casting of column above plinth beam & brick work in progress.
5.	Sludge Dewatering Building	01 No.	<ul style="list-style-type: none"> Footing excavation completed. PCC work completed. Casting up to plinth beam completed. Shuttering & reinforcement work of column above plinth beam in- progress.
6.	SCADA Room	01 No.	<ul style="list-style-type: none"> Footing excavation work completed. PCC & RCC work of footing completed. Column up to Roof, lintel beam brick work up to Roof completed.
7.	Transformer foundation	01 No.	<ul style="list-style-type: none"> Foundation work completed. Fire wall shuttering & reinforcement work In-progress
8.	DG Foundation	02 No.	<ul style="list-style-type: none"> Foundation work Completed. Shed construction In-progress.
9.	Absorption Shed	01 No.	<ul style="list-style-type: none"> Excavation & PCC work completed. Footing RCC work completed.
10.	Wet Mix filter	01 No	<ul style="list-style-type: none"> Casting up to plinth beam completed.

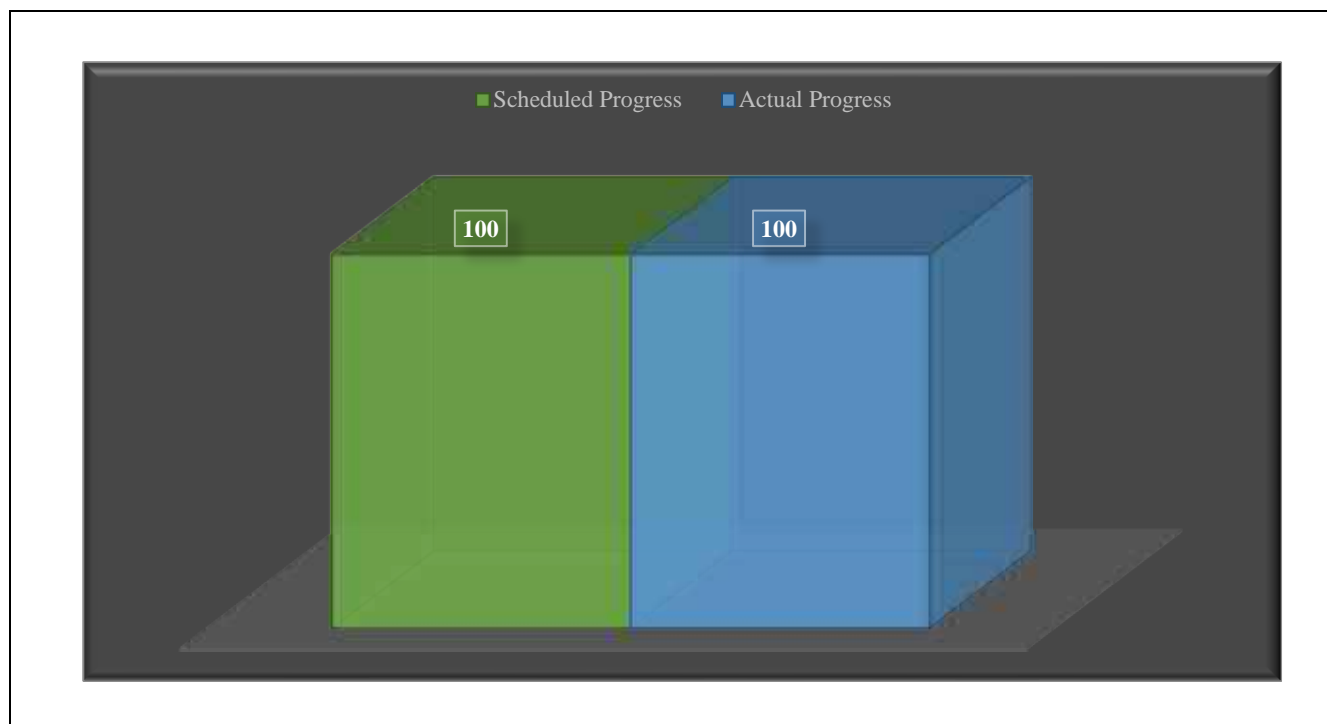
			<ul style="list-style-type: none"> Roof slab reinforcement work completed.
11.	Compressor Room	01 No	<ul style="list-style-type: none"> Casting up to plinth beam completed. Column casting above plinth beam In-progress. Brick work In-progress.
REHABILITATION UNITS			
NAINI – I STP			
1.	Sludge digester	01 No.	<ul style="list-style-type: none"> Digester cleaning work under progress.
2.	Grit Chamber	01 No.	<ul style="list-style-type: none"> 01 Nos. Grit Mechanism Erection work completed.
3.	Scrubber Unit (Gas Area)	01 No.	<ul style="list-style-type: none"> Dismantling is completed in H2S scrubber unit.
4.	Compressor Room	01 No.	<ul style="list-style-type: none"> Dismantling is completed in compressor room.
5.	DFG Set	01 No.	<ul style="list-style-type: none"> Dismantling is in progress for DFG set.
6.	Primary Clarifier	01 No.	<ul style="list-style-type: none"> Rehabilitation work is under progress.
7.	Secondary Clarifier	01 No.	<ul style="list-style-type: none"> Rehabilitation work is under progress
8.	Aeration Tank	02 No.	<ul style="list-style-type: none"> Rehabilitation work is under progress
9.	Other Miscellaneous works		<ul style="list-style-type: none"> Erection of Surface aerator under progress. TEPH pump erection work under progress. Dismantling of cooling tower work completed. Window repairing work under progress. Renovation of lab room under progress. Desludging at Primary & secondary clarifier under progress. Dismantling & erection of sludge thickener mechanism under progress. Cable laying In-progress Old scrubber foundation demolition Completed. Aluminum sliding window replacement work In-progress. Digester sludge removal In-progress. PST tank Hand railing fixing completed.
RAJAPUR STP			
1.	MEP building	01 No.	<ul style="list-style-type: none"> Repairing work of floor for MEP building is completed & Panel installation is completed.
2.	UASB	02 No.	<ul style="list-style-type: none"> Cleaning work of UASB is in progress.
3.	SPS	01 No.	<ul style="list-style-type: none"> Pump replacement work is in progress.
4.	Bund	01 No.	<ul style="list-style-type: none"> Repairing of Bund is completed.
5.	Solar Panel	01 No.	<ul style="list-style-type: none"> Installation of Solar panel work under progress.

7.2.6 Physical Activities status as per Rehabilitation plan:

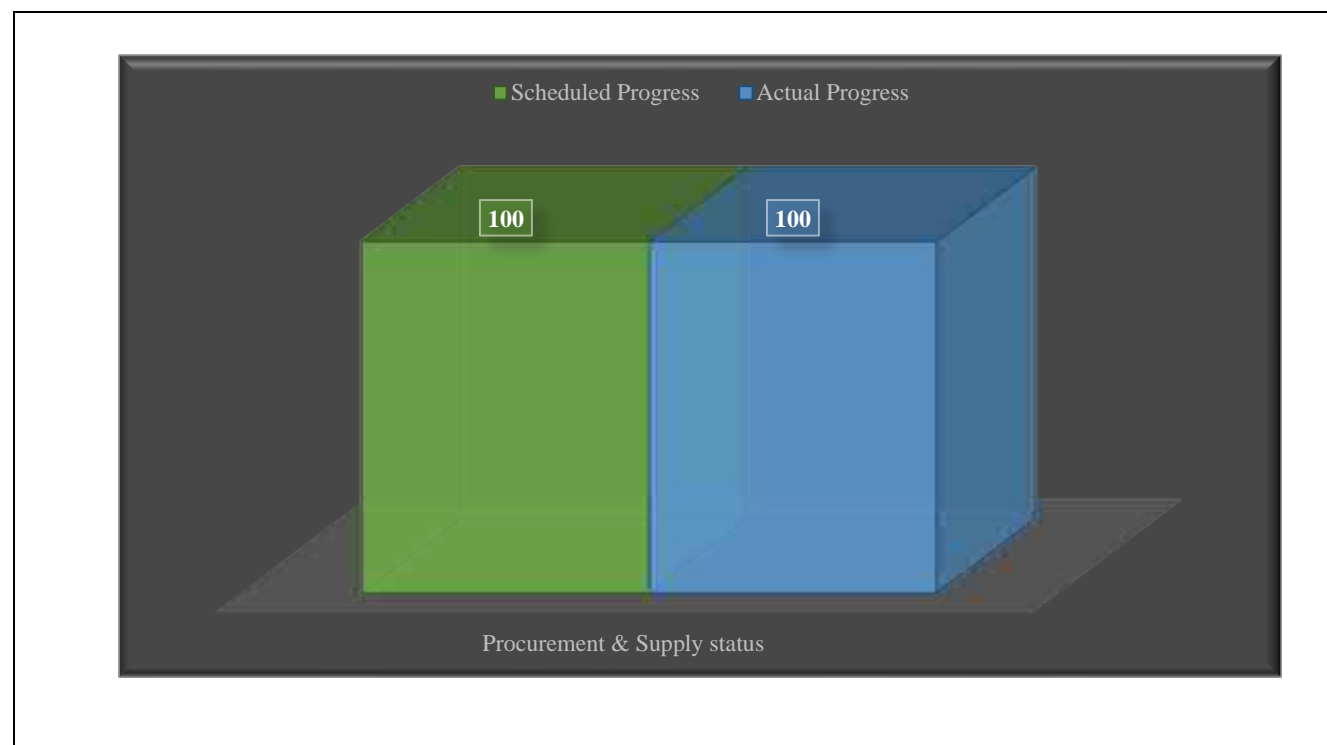
Work Description	Scheduled Start Date	Scheduled End Date	Scheduled completion (In %)	Completion upto Previous Month (In %) (A)	This month Completion (In %) (B)	Total Completion (In %) (A+B)
Naini-I STP & Associated Infrastructure & Rajapur STP & Associated Infrastructure						
Civil Work						
Civil Work in Plant, MPS, SPS	10-Apr-20	13-Aug-20	100	37	3	40
Building Work	10-Apr-20	13-Aug-20	100	31	19	50
Office Work	10-Apr-20	13-Aug-20	100	100	0	100
Mechanical Work						
Pumps, Blowers, Diffusers	20-Apr-20	15-Aug-20	100	10	5	15
Pipes, Valves, Gates, Screens	4-May-20	15-Aug-20	100	8	3	11
Sludge Dewatering System	11-May-20	15-Aug-20	100	14	3	17
Grit Removal System	21-May-20	15-Aug-20	100	35	3	38
Biogas Engine with Scrubber and Gas Mixing System	5-Jun-20	16-Aug-20	100	8	0	8
Chlorination System	3-Jun-20	14-Aug-20	100	0	0	0
Electrical & C&I Work						
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
Commissioning / Trial Run	17-Aug-20	24-Aug-20	100	0	0	0
Final Inspection by Client	17-Aug-20	14-Sep-20	100	0	0	0
COD	14-Sep-20	15-Sep-20	100	0	0	0

7.3 Package-III status

7.3.1. Engineering status



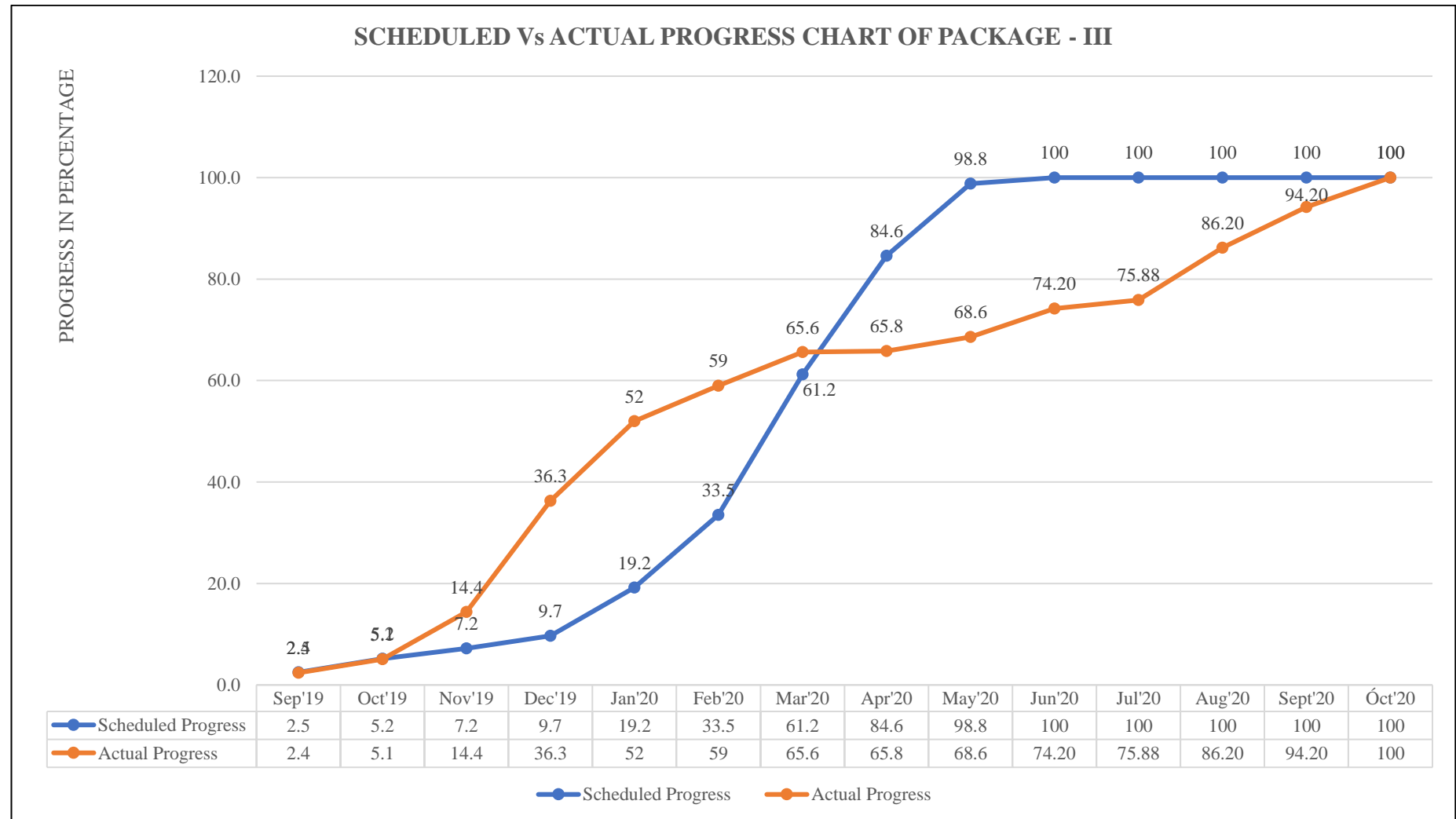
7.3.2 Procurement & Supply status



7.3.3 Construction, Erection & Commissioning status



7.3.4 Overall Package-III Progress



7.3.5 Physical Activities in November month

NEW CONSTRUCTION			
S. No.	Structure Description	Structure Qty.	Status
PACKAGE – III			
SALORI STP			
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 ₃ dosing house Shed	01 No.	Completed
6.	Store Room	01 No.	Completed
LUKARGANJ SPS			
1.	PLC Room	01 No.	Completed
PONGHAT STP			
2.	PLC Room	01 No.	Completed
REHABILITATION UNITS			
NUMAYADAHI STP			
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
KODRA STP			
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

PONGHAT STP			
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
SALORI STP			
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)
Numayadahi, Kodra, Ponghat & Salori STP & Associated Infrastructure						
Civil Work						
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
Mechanical Work						
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
Electrical & C&I						
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
Commissioning / Trial Run	17-10-20	24-10-20	100	90	10	100
Final Inspection by Client	25-10-20	31-10-20	100	90	10	100
COD	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 November' 2020

Sr. No.	Meeting with UPJN / NMCG / PWPL	Date	Attendees	Description
1.	Site visit of Package -II facilities (Naini-I and Rajapur STP)	2-Nov-2020	Support Civil Engineer (IV) – AECOM Team Leader - AECOM	Inspection Regarding ongoing E&M activities
2.	Site visit of Jhunsi STP and associates SPS	2-Nov-2020	Support Civil Engineer (III) – AECOM	Inspection Regarding ongoing Civil activities
3.	Site visit of Phaphamau STP	2-Nov-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
4.	Site visit of Jhunsi STP	3-Nov-2020	Support Civil Engineer (III) – AECOM	Inspection Regarding ongoing Civil activities
5.	Site visit of Phaphamau STP	3-Nov-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
6.	Site visit of Naini-I and Rajapur STP	4-Nov-2020	Support Mechanical Engineer (II) - AECOM	Inspection Regarding ongoing E&M activities
7.	Site visit of Phaphamau STP and associate SPS	5-Nov-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
8.	Site visit of Jhunsi STP	5-Nov-2020	Support Civil Engineer (III) – AECOM	Inspection Regarding ongoing Civil activities
9.	Site visit of Package - III facilities with UPJN (Numayadahi and Salori STP)	6-Nov-2020	Support Mechanical Engineer (II) - AECOM Team Leader - AECOM	Inspection Regarding ongoing O&M activities
10.	Site visit of Package - III facilities with UPJN (Kodra and Ponghat STP)	7-Nov-2020	Support Mechanical Engineer (II) - AECOM Team Leader - AECOM	Inspection Regarding ongoing O&M activities
11.	Site visit of Package-III facilities with Chief engineer, PM-I and PM (E&M) (Numayadahi, Salori, Ponghat and Kodra STP)	10-Nov-2020	Support Mechanical Engineer (II) - AECOM Team Leader – AECOM Support Civil Engineer (III) – AECOM Support Civil Engineer (IV) – AECOM Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing O&M activities
12.	Progress review Meeting for all packages with Chief Engineer UPJN Regarding	11-Nov-2020	Support Mechanical Engineer (II) - AECOM Team Leader - AECOM	Progress review Meeting for all packages
13.	Site visit of Naini-II STP and Jhunsi STP	13-Nov-2020	Support Civil Engineer (III) – AECOM Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing Civil activities

Sr. No.	Meeting with UPJN / NMCG / PWPL	Date	Attendees	Description
			Sr. Civil Engineer (II) – AECOM	
14.	Site visit of Naini- I STP	17-Nov-2020	Support Mechanical Engineer (II) - AECOM	Inspection Regarding ongoing E&M activities
15.	Site visit of Phaphamau STP	17-Nov-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
16.	Site visit of Jhunsi and Naini-II STP	18-Nov-2020	Support Civil Engineer (IV) – AECOM Team Leader - AECOM	Inspection Regarding ongoing Civil activities
17.	Site visit of Naini - I STP	18-Nov-2020	Support Mechanical Engineer (II) - AECOM Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing E&M activities
18.	Site visit of Package-II facilities with Chief engineer UPJN	19-Nov-2020	Support Civil Engineer (IV) – AECOM Team Leader - AECOM	Inspection Regarding ongoing E&M activities
19.	Site visit of Jhunsi STP	19-Nov-2020	Support Civil Engineer (III) – AECOM Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
20.	Site visit of Package-I facilities with Chief engineer UPJN	20-Nov-2020	Support Mechanical Engineer (II) - AECOM Team Leader - AECOM	Inspection Regarding ongoing Civil activities
21.	Site visit of Naini-I STP	20-Nov-2020	Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing E&M activities
22.	Site visit of Rajapur STP	20-Nov-2020	Support Civil Engineer (III) – AECOM Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing E&M activities
23.	Site visit of Phaphamau STP	21-Nov-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
24.	Site visit of Naini-II STP	24-Nov-2020	Support Civil Engineer (IV) – AECOM Sr. Civil Engineer (II) – AECOM	Inspection Regarding ongoing Civil activities
25.	Site visit of Phaphamau STP	24-Nov-2020	Support Civil Engineer (I) – AECOM Team Leader - AECOM	Inspection Regarding ongoing Civil activities
26.	Site visit of Naini-II STP	25-Nov-2020	Support Civil Engineer (IV) – AECOM Team Leader - AECOM	Inspection Regarding ongoing Civil activities
27.	Site visit of Phaphamau STP	25-Nov-2020	Support Civil Engineer (I) – AECOM Sr. Civil Engineer (II) – AECOM	Inspection Regarding ongoing Civil activities

Sr. No.	Meeting with UPJN / NMCG / PWPL	Date	Attendees	Description
28.	Site visit of Jhansi STP	26-Nov-2020	Support Civil Engineer (III) – AECOM Team Leader - AECOM	Inspection Regarding ongoing Civil activities
29.	Site visit of Naini-II STP	26-Nov-2020	Support Civil Engineer (IV) – AECOM Sr. Electrical Engineer – AECOM	Inspection Regarding ongoing Civil activities
30.	Site visit of Phaphamau STP	26-Nov-2020	Support Civil Engineer (I) – AECOM	Inspection Regarding ongoing Civil activities
31.	Site visit of Naini-II STP	27-Nov-2020	Support Civil Engineer (IV) – AECOM	Inspection Regarding ongoing Civil activities
32.	Site visit of Naini-I and Rajapur STP	28-Nov-2020	Support Civil Engineer (IV) – AECOM Team Leader - AECOM	Inspection Regarding ongoing E&M activities

10. Photos of Meetings / Site Visits and Activities

PACKAGE - I

PHAPHAMAU FACILITY



**FCR tank - Lift wall reinforcement
inspection by AECOM**



FCR tank – Shuttering work in progress



FCR tank – Raft Concreting work in progress

NAINI-II STP



Tube settler tank - Soil compaction work in Progress



FCR tank –Shuttering work in progress

NAINI -II STP**Staff Quarter - Wall footing reinforcement work in progress**

JHUNSI STP



Staff Quarter – Shuttering work in progress



Stacking of rebar at Jhunsi STP

JHUNSI STP



FCR tank – Reinforcement binding work in progress



Site Office – Construction work in progress

PACKAGE-II

NAINI-I STP



Wet mix filter - Building roof slab reinforcement work



Hot water generator - Foundation casting work in progress

NAINI – I STP



PST hand railing painting work in progress



Compressor room – Construction work in progress

NAINI – I STP



Thickener concrete screeding work completed



Oil tank – Foundation work completed



Transformer erection work in progress

RAJAPUR STP



Outlet flow meter – Excavation work in progress



Sludge dewatering building – Construction work in progress

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/527	Observation on Field Instruments Data sheets & Specifications of C&I of Package – III facilities of Prayagraj STP Project	2-Nov-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/528	Observation on Process Analyzer Data sheets & Specifications for Jhansi STP	2-Nov-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/529	Observation on Field Instruments Data sheet & PLC Panel - Bio Gas Engine (Naini-I, Package II) of Prayagraj STP Project	2-Nov-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/530	Observation on internal GA, IA, INTERNAL WIRING DRAWING & BOM documents of STP PLC of Package – III	2-Nov-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/531	Observation on Field Instruments Data sheets & Specifications (Electromagnetic Flow meter - Additional) of C&I of NAINI - I STP & SLAORI STP of Package -	2-Nov-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
		II & III facilities of Prayagraj STP Project			
6.	AIPL/NMCG/PRAYAG/532	Observation on PLC Logic Write-up of C&I of Package II & III	2-Nov-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/533	Observation on 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	2-Nov-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
8.	AIPL/NMCG/PRAYAG/534	Observation on C&I Cable Datasheet of Package – II & III	2-Nov-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/535	Observation on CRS for 10 KVA UPS Package II/III	2-Nov-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/536	Observation on CRS for 3 KVA UPS Package II/III	2-Nov-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
11.	AIPL/NMCG/PRAYAG/537	Observation on PLC I/O Schedule Naini-II STP	2-Nov-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/538	Observation on PLC System Configuration Naini-II STP (PACKAGE - I)	2-Nov-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/539	Observation on Electrical Design docs for Naini-II STP: Prayagraj STP	2-Nov-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/540	Observation on RISING MAIN PIPING FROM SHANTIPURAM MPS TO PHAPHAMAU STP_R1	2-Nov-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
15.	AIPL/NMCG/PRAYAG/541	Observation on Valve Schedule (package-I Associated Infrastructure)	3-Nov-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/542	Observation on Valve Schedule (package-I Associated Infrastructure)	3-Nov-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
17.	AIPL/NMCG/PRAYAG/543	Observation on Valve Schedule (package-I Associated Infrastructure)	3-Nov-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/544	Observation on Package I Diffuser Documents	3-Nov-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/545	Observation on 10 KVA UPS Data Sheet of JHUNSI & PHAPHAMAU STP of C&I for Package - I of Prayagraj STP Project	3-Nov-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/546	Observation on Field Instruments Data sheets & Specifications of C&I of Package – I facilities of Prayagraj STP Project	3-Nov-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/547	Observation on trunk sewer mahewaghat to naini II MPS	4-Nov-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/548	Observation on Rising main piping drawing of Mahewaghat to Naini II STP__SUBMISSION__rev2	4-Nov-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
23.	AIPL/NMCG/PRAYAG/549	Inspection report of Jhunsi Facilities, PKG -I	4-Nov-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/550	Inspection report of Naini II Facilities, PKG -I	4-Nov-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/551	Observation on DG Foundation Drawing Package-II Revision 1 with shed	6-Nov-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/552	Observation on Rising main piping drawing of MAWAIYA SPS to Naini II STP__SUBMISSION__REV1	6-Nov-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/553	Observation on Chimney and Flare foundation Bio gas package Naini 1 STP with updated MDL	6-Nov-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/554	Observation on Civil design and drawings related to the Screw Pump House Shed at Rajapur STP Rev 1	6-Nov-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
29.	AIPL/NMCG/PRAYAG/555	Observation on Instrument Schedule of C&I for all STP & SPS/MPS of Package - II	9-Nov-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
30.	AIPL/NMCG/PRAYAG/556	Observation on 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	9-Nov-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/557	Observation on Chimney and Flare foundation Bio gas package Naini 1 STP Revision 2	9-Nov-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/558	Observation on Digester Sludge Sump civil drawing at Naini-I STP	9-Nov-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/559	Observation on Civil Drawings for Compressor Building at Naini 1 STP	9-Nov-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
34.	AIPL/NMCG/PRAYAG/560	Observation on Civil Drawings for Digested Sludge (Dewatering Feed) Pump House for Naini I STP	9-Nov-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/561	Observation on internal GA, IA, INTERNAL WIRING DRAWING & BOM documents of STP PLC of Package – III	9-Nov-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
36.	AIPL/NMCG/PRAYAG/562	Observation on 3 KVA UPS of C&I for all Pumping Stations of Package - I of PRAYAGRAJ STP PROJECT	9-Nov-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.		Progress review Meeting for all packages with Chief Engineer UPJN Regarding	11-Nov-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/563	Observation on revised civil drawing PLC Room Pck II & III	11-Nov-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/564	Observation on CIVIL DRAWINGS OF ABSORPTION SHED NAINI I Package - II of PRAYAGRAJ STP PROJECT	11-Nov-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
40.		Progress review Meeting for all packages with Chief Engineer UPJN Regarding	12-Nov-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/565	Observation on Bio Gas Dehumidifier and Hot water generator Civil Foundation of Bio gas plant of Naini 1 STP Package II of PRAYAGRAJ STP PROJECT	12-Nov-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/566	Observation on CIVIL DESIGN & DRAWINGS OF MAWAIYA DRAIN SPS PKG1	12-Nov-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
43.	AIPL/NMCG/PRAYAG/567	Observation on revised Civil Drawings for Mahewaghat SPS PKG-I	12-Nov-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/568	Observation on revised drawings for Inlet Chamber Coarse Screen & Wet Well Naini-II MPS PKG-I	12-Nov-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/569	Observation on Civil Designs & drawings of Jhunsi MPS PKG-I	12-Nov-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
46.	AIPL/NMCG/PRAYAG/570	Observation on Trunk sewer & L-section drawing from Basna nalla SPS to Shantipuram MPS __R1 PKG-I	13-Nov-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/571	Observation on AHF panel for Non clog submersible pumps Package I	13-Nov-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/572	Observation on 10 KVA UPS Data Sheet of NAINI - II STP of C&I for Package - I	13-Nov-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/573	Observation on Hazardous ARea Classification Report Package II and III STPs	19-Nov-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/574	Observation on drawings for Road & Drain at Naini II_ Revision 1	21-Nov-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
51.	AIPL/NMCG/PRAYAG/575	Observation on Revised GA Drawings for Naini-II STP	21-Nov-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
52.	AIPL/NMCG/PRAYAG/576	Approval of revised Rehabilitation Plan & Activity breakup of Package-II	21-Nov-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/577	Prayagraj STP Project under HAM Scheme - Construction Plan for Package I & Rehabilitation Plan for Package II & III for “Prayagraj STP Project on HAM based PPP Mode”	23-Nov-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/578	Regarding shutdown for Naini-I & Rajapur STP and Associated Infrastructure under Package-II.	23-Nov-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/580	Observation on Air compressor (elect. docs)	23-Nov-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/581	Observation on Electrical docs for Lime Handling System : Package-I : Prayagraj STP	23-Nov-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/582	Observation on Electrical Design docs for Jhunsi STP : Prayagraj STP	23-Nov-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/583	Observation on Motor docs for FCR & GRIT Blowers for Package-I STP : Prayagraj STP	23-Nov-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/584	Observation on Electrical Design docs for Jhunsi MPS : Prayagraj STP	23-Nov-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/585	Observation on Field Instruments Data sheets & Specifications of C&I of Package - I facilities of Prayagraj STP Project	23-Nov-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/586	Observation on Field Instruments Data sheets & Specifications for Phaphamau STP	23-Nov-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/587	Observation on Lime Handling system for various STP location at Prayagraj STP(Index-3)	23-Nov-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/588	Observation on BEP for Jhunsi Associated Infrastructure	23-Nov-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
64.	AIPL/NMCG/PRAYAG/589	Observation on Field Instruments Data sheets & Specifications of C&I of Package – II facilities of Prayagraj STP Project	23-Nov-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
65.	AIPL/NMCG/PRAYAG/590	Observation on Instrument Cable Schedule of C&I for all STP of Package - II	23-Nov-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/591	Observation on Field Instruments Data sheets & Specifications of C&I of Package – III facilities of Prayagraj STP Project	23-Nov-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/592	Observation on G. A drawing of shastri bridge SPS	23-Nov-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/593	Observation on G. A drawing of Jhansi MPS	23-Nov-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/594	Observation on Electrical Design docs of 11KV HT Switchgear Package I : Prayagraj STP	23-Nov-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
70.	AIPL/NMCG/PRAYAG/595	Justification- Selection of Tube Settler over Lamella Clarifier (Three stream justification of Naini-II STP.)	23-Nov-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/596	Justification- Selection of Tube Settler over Lamella Clarifier	23-Nov-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
72.	AIPL/NMCG/PRAYAG/598	Development & Rehabilitation of sewage treatment plants and associated infrastrucure at Prayagraj.	24-Nov-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.	Via Mail	Observation on G. A drawing of shastri bridge SPS	27-Nov-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
74.	Via Mail	Observation on G. A drawing of Jhunki MPS	27-Nov-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/600	Observation on Rising main piping drawing from shastri bridge SPS to Jhunki MPS (Jhunki STP)	28-Nov-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
76.	AIPL/NMCG/PRAYAG/601	Observation on revised GA Drawings for Shantipuram MPS	28-Nov-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
77.	AIPL/NMCG/PRAYAG/602	Observation on Phaphamau STP GA Drawings (4/4)	28-Nov-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/603	Observation on revised drawings for Sluice Gate Package II_R4	28-Nov-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/604	Observation on LT panel for Non clog submersible pumps Package I : Prayagraj STP	28-Nov-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/605	Observation on 3 KVA UPS of C&I for all Pumping Stations of Package - I of PRAYAGRAJ STP PROJECT	28-Nov-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/606	Observation on Non clog submersible pumps - Documents, Pkg-I	28-Nov-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
82.	AIPL/NMCG/PRAYAG/607	Observation on Rising main piping drawing from Jhunsi MPS to Jhunsi STP__pck I	28-Nov-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/608	Observation on Field Instruments Data sheets & Specifications (Electromagnetic Flow meter) of C&I for SPS & MPS of Package - I facilities of Prayagraj STP Project	28-Nov-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/609	Observation on Civil Drawing for Tube settler at Phaphamau STP	28-Nov-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
85.	AIPL/NMCG/PRAYAG/610	Observation on Civil Drawing for Tube Settler Naini-II	28-Nov-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/611	Observation on Detail construction drawing for Tube Settler Tank _JHUNSI STP	28-Nov-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/676/2020	Submission of civil drawings of Jhunsu MPS-Package-I	2-Nov-20	Project Manager, Ganga Pollution control unit
2.	PWPL/UPJN/PMCG/677/2020	Submission of Electrical Design docs of 11KV HT Switchgear Package I: Prayagraj STP	2-Nov-20	Project Manager, Ganga Pollution control unit
3.	PWPL/UPJN/PMCG/678/2020	Submission of Rising main piping drawing of Mahewaghat to Naini II STP	2-Nov-20	Project Manager, Ganga Pollution control unit
4.	PWPL/UPJN/PMCG/679/2020	Submission of Trunk sewer & L-section drawing from Basna nalla SPS to Shantipuram MPS __R1	3-Nov-20	Project Manager, Ganga Pollution control unit
5.	PWPL/UPJN/PMCG/680/2020	Submission of CIVIL DESIGN & DRAWINGS OF SHASTRI BRIDGE SPS	5-Nov-20	Project Manager, Ganga Pollution control unit
6.	PWPL/UPJN/PMCG/681/2020	Submission of Naini I Gas Engine Documents	5-Nov-20	Project Manager, Ganga Pollution control unit
7.	PWPL/UPJN/PMCG/682/2020	Submission of PLC & SCADA Configuration Drawing for Package-II & III	6-Nov-20	Project Manager, Ganga Pollution control unit
8.	PWPL/UPJN/PMCG/683/2020	Submission of drawings for Road & Drain at Naini II_ Revision 1	7-Nov-20	Project Manager, Ganga Pollution control unit
9.	PWPL/UPJN/PMCG/684/2020	Submission of Valve Schedule (package-I Associated Infrastructure) - Jhunsu	7-Nov-20	Project Manager, Ganga Pollution control unit
10.	PWPL/UPJN/PMCG/685/2020	Submission of internal GA, IA, INTERNAL WIRING DRAWING & BOM documents of STP PLC of Package – III	7-Nov-20	Project Manager, Ganga Pollution control unit
11.	PWPL/UPJN/PMCG/686/2020	Submission of Field Instruments Data sheets & Specifications of C&I of Package – III facilities of Prayagraj STP Project	7-Nov-20	Project Manager, Ganga Pollution control unit
12.	PWPL/UPJN/PMCG/687/2020	Submission of Chimney and Flare foundation Bio gas	7-Nov-20	Project Manager, Ganga Pollution control unit

Sr. No.	PWPL Transmittal reference number	Description	Date	From
		package Naini 1 STP Revision 2		
13.	PWPL/UPJN/PMCG/688/2020	Submission of Field Instruments Data sheets & Specifications (Electromagnetic Flow meter - Additional) of C&I of NAINI - I STP & SLAORI STP of Package - II & III facilities of Prayagraj STP Project	7-Nov-20	Project Manager, Ganga Pollution control unit
14.	PWPL/UPJN/PMCG/689/2020	Submission of revised GA Drawings for Shantipuram MPS	7-Nov-20	Project Manager, Ganga Pollution control unit
15.	PWPL/UPJN/PMCG/690/2020	Submission of revised civil drawing PLC Room Pck II & III	9-Nov-20	Project Manager, Ganga Pollution control unit
16.	PWPL/UPJN/PMCG/691/2020	Submission of Civil Drawing for Tube settler at Phaphamau STP	9-Nov-20	Project Manager, Ganga Pollution control unit
17.	PWPL/UPJN/PMCG/692/2020	Submission of Rising main piping drawing from shastri bridge SPS to Jhunsi MPS (Jhunsi STP)	12-Nov-20	Project Manager, Ganga Pollution control unit
18.	PWPL/UPJN/PMCG/693/2020	Submission of Field Instruments Data sheets & Specifications (Electromagnetic Flow meter) of C&I for SPS & MPS of Package - I facilities of Prayagraj STP Project	12-Nov-20	Project Manager, Ganga Pollution control unit
19.	PWPL/UPJN/PMCG/694/2020	Submission of Revised & Final FEEP Documents for Package II	12-Nov-20	Project Manager, Ganga Pollution control unit
20.	PWPL/UPJN/PMCG/695/2020	Submission of revised civil drawings Sludge Dewatering Building at Rajapur STP	13-Nov-20	Project Manager, Ganga Pollution control unit
21.	PWPL/UPJN/PMCG/696/2020	Submission of revised drawings for Inlet Chamber Coarse Screen & Wet Well Shantipuram MPS	13-Nov-20	Project Manager, Ganga Pollution control unit
22.	PWPL/UPJN/PMCG/697/2020	Submission of 3 KVA UPS of C&I for all Pumping Stations of Package - I	13-Nov-20	Project Manager, Ganga Pollution control unit
23.	PWPL/UPJN/PMCG/699/2020	Submission of Field Instruments Data sheets &	13-Nov-20	Project Manager, Ganga Pollution control unit

Sr. No.	PWPL Transmittal reference number	Description	Date	From
		Specifications of C&I of Package - I facilities		
24.	PWPL/UPJN/PMCG/700/2020	Submission__G. A drawing of Jhunsu MPS	19-Nov-20	Project Manager, Ganga Pollution control unit
25.	PWPL/UPJN/PMCG/702/2020	Submission of Field Instruments Data sheets & Specifications for Phaphamau STP	19-Nov-20	Project Manager, Ganga Pollution control unit
26.	PWPL/UPJN/PMCG/703/2020	Submission of Plc based control system datasheet & specifications including ga, ia, annunciation, & internal wiring of plc panels of c&i for Package - I of Prayagraj STP Project	20-Nov-20	Project Manager, Ganga Pollution control unit
27.	PWPL/UPJN/PMCG/704/2020	Submission of 10 KVA UPS data sheet of jhunsu & phaphamau stp of c&i for Package - I of Prayagraj STP Project	22-Nov-20	Project Manager, Ganga Pollution control unit
28.	PWPL/UPJN/PMCG/705/2020	Submission of Valve Schedule (package-I Associated Infrastructure) - Naini-II	22-Nov-20	Project Manager, Ganga Pollution control unit
29.	PWPL/UPJN/PMCG/706/2020	Submission of Field Instruments Data sheets & Specifications for Jhunsu STP	23-Nov-20	Project Manager, Ganga Pollution control unit
30.	PWPL/UPJN/PMCG/707/2020	Submission of PLC based control system datasheet & Specifications including GA, IA, Annunciation, & Internal wiring of PLC Panels_Phaphamau STP of Package – I.	24-Nov-20	Project Manager, Ganga Pollution control unit
31.	PWPL/UPJN/PMCG/708/2020	Submission of Rising main piping drawing from Jhunsu MPS to Jhunsu STP__pck I rev_0	24-Nov-20	Project Manager, Ganga Pollution control unit
32.	PWPL/UPJN/PMCG/709/2020	Submission of Field Instruments Data sheets & Specifications for Naini-II STP	24-Nov-20	Project Manager, Ganga Pollution control unit
33.	PWPL/UPJN/PMCG/710/2020	Submission of SCADA & PLC Control System Configuration diagram of Jhunsu STP of Package - I.	24-Nov-20	Project Manager, Ganga Pollution control unit

Sr. No.	PWPL Transmittal reference number	Description	Date	From
34.	PWPL/UPJN/PMCG/711/2020	Submission__G. A drawing of Jhunsu MPS	24-Nov-20	Project Manager, Ganga Pollution control unit
35.	PWPL/UPJN/PMCG/712/2020	Submission of Valve Schedule for Gas Engine at Naini-I STP	24-Nov-20	Project Manager, Ganga Pollution control unit
36.	PWPL/UPJN/PMCG/713/2020	Submission of LT Power and control cables datasheet for Pkg I	24-Nov-20	Project Manager, Ganga Pollution control unit
37.	PWPL/UPJN/PMCG/714/2020	Submission of G. A drawing of shastri bridge SPS	24-Nov-20	Project Manager, Ganga Pollution control unit
38.	PWPL/UPJN/PMCG/715/2020	Submission of PLC I/O Schedule Naini-II STP	25-Nov-20	Project Manager, Ganga Pollution control unit
39.	PWPL/UPJN/PMCG/716/2020	Justification- Selection of Tube Settler over Lamella Clarifier	26-Nov-20	Project Manager, Ganga Pollution control unit
40.	PWPL/UPJN/PMCG/717/2020	Submission of Process Analyser Data sheets & Specifications for Naini-II STP	26-Nov-20	Project Manager, Ganga Pollution control unit
41.	PWPL/UPJN/PMCG/718/2020	Submission of Datasheet and GAD of Blowers for Package I	27-Nov-20	Project Manager, Ganga Pollution control unit
42.	PWPL/UPJN/PMCG/719/2020	Submission of revised drawings for Inlet Chamber Coarse Screen & Wet Well Naini-II MPS	28-Nov-20	Project Manager, Ganga Pollution control unit
43.	PWPL/UPJN/PMCG/720/2020	Submission of Plant Layout - Package-II - Rajapur STP	28-Nov-20	Project Manager, Ganga Pollution control unit
44.	PWPL/UPJN/PMCG/721/2020	Submission of Valve Schedule (package-I Associated Infrastructure) - Phaphamau STP & Associated Facility	28-Nov-20	Project Manager, Ganga Pollution control unit

13. EHS targets, Achievement & compliance report for the month of November' 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
Phaphamau Facility (Package - I)				
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

Sr. No.	Applicable Permit	Authority	Quantity	Remarks
				basna nalla SPS falling along the NHAI for about 1.4 Kms.)
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.
Naini-II Facility (Package - I)				
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.	Already applied on dated 12.11.2020. Final approval is awaited.
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
Jhansi Facility (Package - I)				
1	Power connection (During commissioning Period)	Electricity Board	2 No.	Under process towards filing the application. Will be applied before commissioning stage. Location: - 1. Jhansi STP 2. Shastri Bridge 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 Shashtri 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 Jhunsu 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. Bholu Mandir Nalla 3. Gangoli Shivala Nalla I 4. Gangoli Shivala Nalla II 5. Savitri Nagar Nalla 6. Dham Nalla 7. Shastri bridge Nalla 8. Triveni Marg Nalla I 9. Triveni Marg Nalla II 10. Ula Quila Nalla I 11. Ula 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
12	Shastri Bridge SPS Site		1	There is a dispute regarding the land position by Railway department / Revenue Department. Joint Site inspection made by UPJN and concerned line officers made on dated 2 nd Nov 2020. The final decision is pending.

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		-							1
14.	Vibrator	2	2	-		1	0	0	0	0	4
15.	Tractor		5	-	4	1					10
16.	Concrete Chipping machine	-	-	-	-	-	-	-	-	-	0
17.	Welding Machine	1	-	-	-	-	0	0	0	0	1
18.	Grinding Machine	-	-	-	-	-	-	-	-	-	0
19.	Gas Cutting Set	-	-	-	-	-	-	-	-	-	0
20.	Chain Saw Machine	-	-	-	-	-	-	-	-	-	0

21.	Chain Block	-	-	-	-	-	-	-	-	-	0
22.	RM 800	1	-	-	-	-	-	-	-	-	1
23.	Plywood Cutting Machine	-	1	-	-	1	-	-	-	-	2
24.	Steel Cutting Machine	2	2	-	-	1	-	-	-	-	5
	Total	12	20	1	7	6	-	-	-	-	46

16. Project Engineer Activities

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

Project Engineer's activities for the month of "November'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)
1-Nov-2020	Sunday												
2-Nov-2020	Observation on Field Instruments Data sheets & Specifications of C&I of Package – III facilities of Prayagraj STP Project	16-Oct-2020	2-Nov-2020	17	10	7	-	Mr. Atahar Ayyub	1	-	-	-	These documents were submitted by PWPL without supporting engineering documents, i.e Instrument index
2-Nov-2020	Observation on RISING MAIN PIPING FROM SHANTIPURAM MPS TO PHAPHAMAU STP_R1	29-Oct-2020	2-Nov-2020	4	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-
2-Nov-2020	Site visit of Package -II facilities (Naini-I and Rajapur STP)	2-Nov-2020	2-Nov-2020	1	-	-	-	Mr. Divvela Srimannarayana Mr. Kumar Kashyap	1 1	-	-	-	-
2-Nov-2020	Observation on Package I Diffuser Documents	27-Oct-2020	3-Nov-2020	7	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-
2-Nov-2020	Site visit of Jhunsi STP and associates SPS	2-Nov-2020	2-Nov-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
2-Nov-2020	Site visit of Phaphamau STP	2-Nov-2020	2-Nov-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-

Project Engineer's activities for the month of "November'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)
3-Nov-2020	Observation on Valve Schedule (package-I Associated Infrastructure)	31-Oct-2020	3-Nov-2020	3	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-
3-Nov-2020	Observation on Valve Schedule (package-I Associated Infrastructure)	30-Oct-2020	3-Nov-2020	4	10	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-
3-Nov-2020	Observation on 10 KVA UPS Data Sheet of JHUNSI & PHAPHAMAU STP of C&I for Package - I of Prayagraj STP Project	21-Sep-2020	3-Nov-2020	43	10	33	Submitted document has not proper technical data as per Concession agreement	Mr. Atahar Ayyub	1	-	Submitted document has not proper technical data as per Concession agreement	Asked to Concessionaire please submit all the technical details as per Concession agreement	-
3-Nov-2020	Observation on trunk sewer mahewaghat to naini II MPS	22-Oct-2020	4-Nov-2020	13	10	3	Design Calculation is not correct	Mr. Arpan Ghosh Mr. Kumar Kashyap	1 1	-	Design Calculation is not correct	Asked to Concessionaire please revised design calculation as per our observation given in last revision	-
3-Nov-2020	Site visit of Jhunsu STP	3-Nov-2020	3-Nov-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
3-Nov-2020	Site visit of Phaphamau STP	3-Nov-2020	3-Nov-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
4-Nov-2020	Observation on Rising main piping drawing of Mahewaghat to Naini II STP	2-Nov-2020	4-Nov-2020	2	10	-	-	Mr. Arpan Ghosh Mr. Kumar Kashyap	1 1	-	-	-	-
4-Nov-2020	Inspection report of Jhunsu Facilities, PKG - I	2-Nov-2020	4-Nov-2020	2	10	-	-	Mr. Abhishek Singh	1	-	-	-	-

Project Engineer's activities for the month of "November'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-Nov-2020	Inspection report of Naini II Facilities, PKG -I	2-Nov-2020	4-Nov-2020	2	10	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-
4-Nov-2020	Site visit of Naini-I and Rajapur STP	4-Nov-2020	4-Nov-2020	1	-	-	-	Mr. Gaurav Pandey	1	-	-	-	-
4-Nov-2020	Observation on DG Foundation Drawing Package-II Revision 1 with shed	21-Oct-2020	6-Nov-2020	16	10	6	Design was not match with Mechanical GA	Mr. Wahab Alam	1	-	Design was not match with Mechanical GA	Asked to Concessionaire please submit all the technical details as per approved Mechanical GA	-
4-Nov-2020	Observation on internal GA, IA, INTERNAL WIRING DRAWING & BOM documents of STP PLC of Package – III	7-Nov-2020	9-Nov-2020	2	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-
5-Nov-2020	Site visit of Phaphamau STP and associate SPS	5-Nov-2020	5-Nov-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
5-Nov-2020	Site visit of Jhunsi STP	5-Nov-2020	5-Nov-2020	1	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
5-Nov-2020	Observation on Rising main piping drawing of MAWAIYA SPS to Naini II STP	23-Oct-2020	6-Nov-2020	14	10	4	In the Design sheet Pipe dia was not match with as per original requirement	Mr. Arpan Ghosh Mr. Kumar Kashyap	1 1	-	In the Design sheet Pipe dia was not match with as per original requirement	Asked to Concessionaire please submit revised the design calculation as per UPJN recommendation	-
5-Nov-2020	Progress review meeting with PM -I and PM (E&M)	5-Nov-2020	5-Nov-2020	1	-	-	-	Mr. Divvela Srimannarayana Mr. Gaurav Pandey	1 1	-	-	-	-

Project Engineer's activities for the month of "November'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)
5-Nov-2020	Observation on Instrument Cable Schedule of C&I for all STP of Package - II	19-Oct-2020	23-Nov-2020	35	10	25	Submitted document was not match with approved P&ID (Many instruments were missing)	Mr. Atahar Ayyub	1	-	Submitted document was not match with approved P&ID (Many instruments were missing)	Asked to Concessionaire please submit revised the document as per approved FEED and P&ID	-
6-Nov-2020	Observation on Chimney and Flare foundation Bio gas package Naini 1 STP with updated MDL	13-Oct-2020	6-Nov-2020	24	10	14	In the design calculation chimney height and load was not as per Government norms	Mr. Arpan Ghosh Mr. Kumar Kashyap	1 1	-	In the design calculation chimney height and load was not as per Government norms	Asked to Concessionaire please submit the document as per Government norms	-
6-Nov-2020	Observation on Civil design and drawings related to the Screw Pump House Shed at Rajapur STP Rev 1	24-Oct-2020	6-Nov-2020	13	10	3	Pump grouting details was not available in GA	Mr. Abhishek Singh Mr. Wahab Alam	11	-	Pump grouting details was not available in GA	Asked to Concessionaire please submit the document with full details	-
6-Nov-2020	Site visit of Package - III facilities with UPJN (Numayadahi and Salori STP)	6-Nov-2020	6-Nov-2020	1	-	-	-	Mr. Gaurav Pandey Mr. Divvela Srimannarayana	1 1	-	-	-	-
6-Nov-2020	Observation on Field Instruments Data sheets & Specifications of C&I of Package – II facilities of Prayagraj STP Project	16-Oct-2020	23-Nov-2020	38	10	28	Submitted document was not match with approved P&ID (Many instruments were missing)	Mr. Atahar Ayyub	1	-	Submitted document was not match with approved P&ID (Many instruments were missing)	Asked to Concessionaire please submit revised the document as per approved FEED and P&ID	-
7-Nov-2020	Observation on Chimney and Flare foundation Bio gas package Naini 1 STP Revision 2	7-Nov-2020	9-Nov-2020	2	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-
7-Nov-2020	Observation on Digester Sludge Sump	15-Oct-2020	9-Nov-2020	25	10	15	Submitted document was	Mr. Kumar Kashyap	1 1	-	Submitted document was	Asked to Concessionaire please submit	-

Project Engineer's activities for the month of "November'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)
	civil drawing at Naini-I STP						not in proper format	Mr. Wahab Alam			not in proper format	revised the document with proper format	
7-Nov-2020	Observation on Instrument Schedule of C&I for all STP & SPS/MPS of Package - II	16-Oct-2020	9-Nov-2020	24	10	14	Submitted document was not match with approved P&ID (Many instruments were missing)	Mr. Atahar Ayyub	1	-	Submitted document was not match with approved P&ID (Many instruments were missing)	Asked to Concessionaire please submit revised the document as per approved FEED and P&ID	-
7-Nov-2020	Site visit of Package - III facilities with UPJN (Kodra and Ponghat STP)	7-Nov-2020	7-Nov-2020	1	-	-	-	Mr. Gaurav Pandey Mr. Divvela Srimannarayana	1 1	-	-	-	-
8-Nov-2020	Sunday												
9-Nov-2020	Observation on Civil Drawings for Compressor Building at Naini 1 STP	19-Oct-2020	9-Nov-2020	21	10	11	-	Mr. Arpan Ghosh Mr. Wahab Alam	1 1	-	-	-	-
9-Nov-2020	Observation on Civil Drawings for Digested Sludge (Dewatering Feed) Pump House for Naini I STP	1-Nov-2020	9-Nov-2020	8	10	-	-	Mr. Kumar Kashyap	1	-	-	-	-
9-Nov-2020	Observation on 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	7-Nov-2020	9-Nov-2020	2	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-

Project Engineer's activities for the month of "November'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-Nov-2020	Observation on 3 KVA UPS of C&I for all Pumping Stations of Package - I of PRAYAGRAJ STP PROJECT	20-Oct-2020	9-Nov-2020	20	10	10	Submitted document has not proper technical data as per Concession agreement	Mr. Gaurav Pandey	1	-	Submitted document has not proper technical data as per Concession agreement	Asked to Concessionaire please submit revised the document with proper technical detail	-
9-Nov-2020	Review and sent to client all outward documents on same date	9-Nov-2020	9-Nov-2020	1	-	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-
10-Nov-2020	Site visit of Package-III facilities with Chief engineer, PM-I and PM (E&M) (Numayadahi, Salori , Ponghat and Kodra STP)	10-Nov-2020	10-Nov-2020	1	-	-	-	Mr. Divvela Srimannarayana Mr. Abhishek Singh Mr. Kumar Kashyap Mr. Gaurav Pandey Mr. Wahab Alam	1 1 1 1 1	-	-	-	-
10-Nov-2020	Observation on Lime Handling system for various STP location at Prayagraj STP(Index-3)	16-Oct-2020	23-Nov-2020	38	10	28	some location was not considered in submitted document	Mr. Atahar Ayyub	1	-	some location was not considered in submitted document	Asked to Concessionaire please submit revised the document with considered all the location which was considered in FEED	-
11-Nov-2020	Progress review Meeting for all packages with Chief Engineer UPJN Regarding	11-Nov-2020	11-Nov-2020	1	-	-	-	Mr. Divvela Srimannarayana Mr. Gaurav Pandey	1 1	-	-	-	-
11-Nov-2020	Observation on Field Instruments Data sheets	19-Nov-2020	23-Nov-2020	4	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-

Project Engineer's activities for the month of "November'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)
	& Specifications for Phaphamau STP												
11-Nov-2020	Observation on revised civil drawing PLC Room Pck II & III	9-Nov-2020	11-Nov-2020	2	10	-	-	Mr. Arpan Ghosh Mr. Kumar Kashyap	1 1	-	-	-	-
11-Nov-2020	Observation on CIVIL DRAWINGS OF ABSORPTION SHED NAINI I Package - II of PRAYAGRAJ STP PROJECT	10-Nov-2020	11-Nov-2020	1	10	-	-	Mr. Abhishek Singh Mr. Wahab Alam	1 1	-	-	-	-
12-Nov-2020	Observation on Bio Gas Dehumidifier and Hot water generator Civil Foundation of Bio gas plant of Naini 1 STP Package II of PRAYAGRAJ STP PROJECT	31-Oct-2020	12-Nov-2020	12	10	2	In the design calculation not considered one pump load and details	Mr. Arpan Ghosh	1	-	In the design calculation not considered one pump load and details	Asked to Concessionaire please submit revised the document with quantity of pump as per Concession agreement	-
12-Nov-2020	Observation on CIVIL DESIGN & DRAWINGS OF MAWAIYA DRAIN SPS PKG1	6-Oct-2020	12-Nov-2020	37	10	27	Pipe dia. was not as per actual requirement	Mr. Kumar Kasyap	1	-	Pipe dia. was not as per actual requirement	Asked to Concessionaire please submit revised the document as per UPJN recommendation	-
12-Nov-2020	Observation on revised Civil Drawings for Mahewaghat SPS PKG-I	13-Oct-2020	12-Nov-2020	30	10	20	Design calculation is missing	Mr. Abhishek Singh	1	-	Design calculation is missing	Asked to Concessionaire please submit design calculation	-
12-Nov-2020	Observation on revised drawings for Inlet Chamber Coarse Screen & Wet Well Naini-II MPS PKG-I	11-Nov-2020	12-Nov-2020	1	10	-	-	Mr. Wahab Alam Mr. Amit Ranjan	1 1	-	-	-	-

Project Engineer's activities for the month of "November'2020"													
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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
12-Nov-2020	Observation on Civil Designs & drawings of Jhansi MPS PKG-I	2-Nov-2020	12-Nov-2020	10	10	-	-	Mr. Divvela Srimannarayana Mr. Gaurav Pandey	1 1	-	-	-	-
12-Nov-2020	Observation on Electrical Design docs for Jhansi MPS : Prayagraj STP	31-Oct-2020	23-Nov-2020	23	10	13	In the submitted document not considered full details as per approved FEED	Mr. Atahar Ayyub	1	-	In the submitted document not considered full details as per approved FEED	Asked to Concessionaire please submit revised the document as per approved FEED and P&ID	-
13-Nov-2020	Observation on Trunk sewer & L-section drawing from Basna nalla SPS to Shantipuram MPS R1 PKG-I	3-Nov-2020	13-Nov-2020	10	10	-	-	Mr. Arpan Ghosh Mr. Wahab Alam	1 1	-	-	-	-
13-Nov-2020	Observation on AHF panel for Non clog submersible pumps Package I	29-Oct-2020	13-Nov-2020	15	10	5	Panel make was not as per CA	Mr. Gaurav Pandey	1	-	Panel make was not as per CA	Asked to Concessionaire please submit revised the document with the approval of make from UPJN	-
13-Nov-2020	Observation on 10 KVA UPS Data Sheet of NAINI - II STP of C&I for Package - I	12-Oct-2020	13-Nov-2020	32	10	22	Regarding discussion with UPJN	Mr. Atahar Ayyub	1	-	Regarding discussion with UPJN	Asked to Concessionaire please submit revised the document as per UPJN recommendation	-
13-Nov-2020	Review and sent to client all outward documents on same date	13-Nov-2020	13-Nov-2020	1	-	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-
13-Nov-2020	Site visit of Naini-II STP and Jhansi STP	13-Nov-2020	13-Nov-2020	1	-	-	-	Mr. Abhishek Singh Mr. Kumar	1 1 1	-	-	-	-

Project Engineer's activities for the month of "November'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)
								Kashyap Mr. Amit Ranjan					
14-Nov-2020	Deepawali												
15-Nov-2020	Sunday												
16-Nov-2020	Bhaiya Dhoj												
17-Nov-2020	Site visit of Naini- I STP	17-Nov-2020	17-Nov-2020	1	-	-	-	Mr. Gaurav Pandey	1	-	-	-	-
17-Nov-2020	Site visit of Phaphamau STP	17-Nov-2020	17-Nov-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
17-Nov-2020	Observatioin on Field Instruments Data sheets & Specifications of C&I of Package - I facilities of Prayagraj STP Project	13-Nov-2020	23-Nov-2020	10	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-
18-Nov-2020	Site visit of Jhunsi and Naini-II STP	18-Nov-2020	18-Nov-2020	1	-	-	-	Mr. Kumar Kashyap Mr. Divvela Srimannarayana	1 1	-	-	-	-
18-Nov-2020	Site visit of Naini - I STP	18-Nov-2020	18-Nov-2020	1	-	-	-	Mr. Gaurav Pandey Mr. Wahab Alam	1 1	-	-	-	-
18-Nov-2020	Observation on Motor docs for FCR & GRIT Blowers for Package-I STP : Prayagraj STP	29-Oct-2020	23-Nov-2020	25	10	15	Document was not in proper format	Mr. Atahar Ayyub	1	-	Document was not in proper format	Asked to Concessionaire please submit revised the document in proper format	-

Project Engineer's activities for the month of "November'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-Nov-2020	Observation on Hazardous ARea Classification Report Package II and III STPs	22-Oct-2020	19-Nov-2020	28	10	18	Supporting document was missing	Mr. Gaurav Pandey	1	-	Supporting document was missing	Asked to Concessionaire please submit revised the document with supporting document	-
19-Nov-2020	Observation on Electrical Design docs for Jhunsi STP : Prayagraj STP	19-Oct-2020	23-Nov-2020	35	10	25	In the submitted document not considered full details as per approved FEED	Mr. Atahar Ayyub	1	-	In the submitted document not considered full details as per approved FEED	Asked to Concessionaire please submit revised the document as per approved FEED	-
19-Nov-2020	Site visit of Package-II facilities with Chief engineer UPJN	19-Nov-2020	19-Nov-2020	1	-	-	-	Mr. Kumar Kashyap Mr. Divvela Srimannarayana	1 1	-	-	-	-
19-Nov-2020	Site visit of Jhunsi STP	19-Nov-2020	19-Nov-2020	1	-	-	-	Mr. Abhishek Singh Mr. Wahab Alam	1 1	-	-	-	-
20-Nov-2020	Site visit of Package-I facilities with Chief engineer UPJN	20-Nov-2020	20-Nov-2020	1	-	-	-	Mr. Gaurav Pandey Mr. Divvela Srimannarayana	1 1	-	-	-	-
20-Nov-2020	Site visit of Naini-I STP	20-Nov-2020	20-Nov-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
20-Nov-2020	Site visit of Rajapur STP	20-Nov-2020	20-Nov-2020	1	-	-	-	Mr. Abhishek singh Mr. Wahab alam	1 1	-	-	-	-
20-Nov-2020	Observation on Electrical docs for Lime Handling System : Package-I : Prayagraj STP	12-Oct-2020	23-Nov-2020	42	10	32	In the submitted document technical details was not	Mr. Atahar Ayyub	1	-	In the submitted document technical details was not	Asked to Concessionaire please submit revised the document as per	-

Project Engineer's activities for the month of "November'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)
							match with Data sheet				match with Data sheet	approved FEEP and Data sheet	
21-Nov-2020	Observation on drawings for Road & Drain at Naini II_ Revision 1	7-Nov-2020	21-Nov-2020	14	10	4	Document was not in proper format	Mr. Arpan Ghosh Mr. Kumar Kashyap	1 1	-	Document was not in proper format	Asked to Concessionaire please submit revised the document in proper format	-
21-Nov-2020	Observation on Revised GA Drawings for Naini-II STP	30-Oct-2020	21-Nov-2020	22	10	12	In the submitted document, Tube settler size was not match with process calculation	Mr. Gaurav Pandey Mr. Abhishek Singh	1 1	-	In the submitted document, Tube settler size was not match with process calculation	Asked to Concessionaire please submit revised the document as per approved justification of tube settler over lamella clarifier	-
21-Nov-2020	Approval of revised Rehabilitation Plan & Activity breakup of Package-II	15-Nov-2020	21-Nov-2020	6	10	-	-	Mr. Divvela Srimannarayana	1	-	-	-	-
21-Nov-2020	Observation on Air compressor (elect. docs)	7-Oct-2020	23-Nov-2020	47	10	37	Due to some constraint in Mechanical document	Mr. Atahar ayyub	1	-	Due to some constraint in Mechanical document	Asked to Concessionaire please submit revised the document after the approval of Mechanical document (Concessionaire has said no calculation is available)	-
21-Nov-2020	Site visit of Phaphamau STP	21-Nov-2020	21-Nov-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-

Project Engineer's activities for the month of "November'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-Nov-2020	Sunday												
23-Nov-2020	Regarding shutdown for Naini-I & Rajapur STP and Associated Infrastructure under Package-II.	23-Nov-2020	23-Nov-2020	1	-	-	-	Mr. Amit Ranjan	1	-	-	-	-
23-Nov-2020	Observation on BEP for Jhunsia Associated Infrastructure	26-Sep-2020	23-Nov-2020	58	10	48	Pump head was not match with data sheet	Mr. Divvela Srimannarayana	1	-	Pump head was not match with data sheet	Asked to Concessionaire please submit revised the document as per approved FEED in the respect of Pump head	-
23-Nov-2020	Observation on Field Instruments Data sheets & Specifications of C&I of Package – III facilities of Prayagraj STP Project	7-Nov-2020	23-Nov-2020	16	10	6	Submitted document was not match with approved P&ID (Many instruments were missing)	Mr. Atahar Ayyub	1	-	Submitted document was not match with approved P&ID (Many instruments were missing)	Asked to Concessionaire please submit revised the document as per approved FEED	-
23-Nov-2020	Observation on Electrical Design docs of 11KV HT Switchgear Package I : Prayagraj STP	13-Nov-2020	23-Nov-2020	10	10	-	-			-	-	-	-
23-Nov-2020	Observation on G. A drawing of shastri bridge SPS	26-Oct-2020	23-Nov-2020	28	10	18	Location changed	Mr. Kumar Kashyap Mr. Wahab Alam	1 1	-	Location changed	Asked to Concessionaire please submit revised the document after survey of new land provided by UPJN	-

Project Engineer's activities for the month of "November'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)
23-Nov-2020	Observation on G. A drawing of Jhunsu MPS	19-Nov-2020	23-Nov-2020	4	10	-	-	Mr. Abhishek singh	1	-	-	-	-
23-Nov-2020	Justification- Selection of Tube Settler over Lamella Clarifier (Three stream justification of Naini-II STP.)	10-Oct-2020	23-Nov-2020	44	10	34	submitted document was not same as per Concession agreement	Mr. Gaurav Pandey	1	-	submitted document was not same as per Concession agreement	Asked to Concessionaire please submit revised the document as per Concession agreement	-
23-Nov-2020	Justification- Selection of Tube Settler over Lamella Clarifier	16-Oct-2020	23-Nov-2020	38	10	28	Design calculation was not match with CPHEEO			-	Design calculation was not match with CPHEEO	Asked to Concessionaire please submit revised the document as per Concession agreement / CPHEEO	-
24-Nov-2020	Observation on G. A drawing of shastri bridge SPS	24-Nov-2020	27-Nov-2020	3	10	-	-	Mr. Abhishek Singh Mr. Gaurav Pandey	1 1	-	-	-	-
24-Nov-2020	Site visit of Naini-II STP	24-Nov-2020	24-Nov-2020	1	-	-	-	Mr. Kumar Kashyap Mr. Amit Ranjan	1 1	-	-	-	-
24-Nov-2020	Site visit of Phaphamau STP	24-Nov-2020	24-Nov-2020	1	-	-	-	Mr. Wahab Alam Mr. Divvela Srimannarayana	1 1	-	-	-	-
24-Nov-2020	Observation on 3 KVA UPS of C&I for all Pumping Stations of Package - I of PRAYAGRAJ STP PROJECT	23-Nov-2020	28-Nov-2020	5	10	-	-	Mr. Atahar Ayyub	1	-	-	-	-

Project Engineer's activities for the month of "November'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)
24-Nov-2020	Observation on Rising main piping drawing from Jhansi MPS to Jhansi STP__pck I	24-Nov-2020	28-Nov-2020	4	10	-	-	Mr. Arpan Ghosh	1	-	-	-	-
25-Nov-2020	Observation on Detail construction drawing for Tube Settler Tank _JHUNSI STP	5-Jul-2020	28-Nov-2020	146	10	136	Concessionaire submit the document without approval of Mechanical GA	Mr. Arpan Ghosh Mr. Abhishek Singh	1 1	-	Concessionaire submit the document without approval of Mechanical GA	Asked to Concessionaire please submit revised the document after approval of Mechanical GA	-
25-Nov-2020	Observation on revised drawings for Sluice Gate Package II_R4	31-Oct-2020	28-Nov-2020	28	10	18	MOC in Submitted document was not same as per Concession agreement	Mr. Gaurav Pandey	1	-	MOC in Submitted document was not same as per Concession agreement	Asked to Concessionaire please submit revised the document as per Concession agreement in the respect of MOC	-
25-Nov-2020	Site visit of Naini-II STP	25-Nov-2020	25-Nov-2020	1	-	-	-	Mr. Kumar Kashyap Mr. Divvela Srimannarayana	1 1	-	-	-	-
25-Nov-2020	Site visit of Phaphamau STP	25-Nov-2020	25-Nov-2020	1	-	-	-	Mr. Wahab Alam Mr. Amit Ranjan	1 1	-	-	-	-
25-Nov-2020	Observation on Non clog submersible pumps - Documents, Pkg-I	31-Oct-2020	28-Nov-2020	28	10	18	Pump and Motor efficiency was not same as per Concession agreement	Mr. Atahar Ayyub	1	-	Pump and Motor efficiency was not same as per Concession agreement	Asked to Concessionaire please submit revised the document as per Concession agreement in the respect pump and Motor efficiency	-

Project Engineer's activities for the month of "November'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)
26-Nov-2020	Observation on G. A drawing of Jhunsi MPS	24-Nov-2020	27-Nov-2020	3	10	-	-	Mr. Gaurav Pandey	1	-	-	-	-
26-Nov-2020	Observation on revised GA Drawings for Shantipuram MPS	18-Nov-2020	28-Nov-2020	10	10	-	-	Mr. Arpan Ghosh Mr. Amit Ranjan	1 1	-	-	-	-
26-Nov-2020	Site visit of Jhunsi STP	26-Nov-2020	26-Nov-2020	1	-	-	-	Mr. Abhishek Singh Mr. Divvela Srimannarayana	1 1	-	-	-	-
26-Nov-2020	Site visit of Naini-II STP	26-Nov-2020	26-Nov-2020	1	-	-	-	Mr. Kumar Kashyap Mr. Atahar ayyub	1 1	-	-	-	-
26-Nov-2020	Site visit of Phaphamau STP	26-Nov-2020	26-Nov-2020	1	-	-	-	Mr. Wahab Alam	1	-	-	-	-
27-Nov-2020	Observation on Rising main piping drawing from shastri bridge SPS to Jhunsi MPS (Jhunsi STP)	12-Nov-2020	28-Nov-2020	16	10	6	Pipe dia. was not as per actual requirement	Mr. Arpan Ghosh Mr. Abhishek Singh	1 1	-	Pipe dia. was not as per actual requirement	Asked to Concessionaire please submit revised the document as per UPJN recommendation	-
27-Nov-2020	Site visit of Naini-II STP	27-Nov-2020	27-Nov-2020	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
27-Nov-2020	Observation on Field Instruments Data sheets & Specifications (Electromagnetic Flow meter) of C&I for SPS & MPS of Package - I facilities of Prayagraj STP Project	12-Nov-2020	28-Nov-2020	16	10	6	-	Mr. Atahar Ayyub Mr. Gaurav Pandey	1 1	-	-	-	These documents were submitted by PWPL without supporting engineering documents, i.e

Project Engineer's activities for the month of "November'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)
													Instrument index
27-Nov-2020	Observation on Civil Drawing for Tube Settler Naini-II	29-Oct-2020	28-Nov-2020	30	10	20	Concessionaire submit the document without approval of Mechanical GA	Mr. Divvela Srimannarayana Mr. Wahab Alam	1 1	-	Concessionaire submit the document without approval of Mechanical GA	Asked to Concessionaire please submit revised the document after approval of Mechanical GA	-
28-Nov-2020	Observation on Phaphamau STP GA Drawings (4/4)	12-Oct-2020	28-Nov-2020	47	10	37	In the submitted document quantity was not match with Concession agreement	Mr. Gaurav Pandey Mr. Abhishek Singh	1 1	-	In the submitted document quantity was not match with Concession agreement	Asked to Concessionaire please submit revised the document as per Concession agreement in the respect of quantity	-
28-Nov-2020	Observation on LT panel for Non clog submersible pumps Package I : Prayagraj STP	22-Oct-2020	28-Nov-2020	37	10	27	In the submitted document efficiency was not same as per Concession agreement	Mr. Atahar Ayyub	1	-	In the submitted document efficiency was not same as per Concession agreement	Asked to Concessionaire please submit revised the document as per Concession agreement in the respect of Motor efficiency	-
28-Nov-2020	Observation on Civil Drawing for Tube settler at Phaphamau STP	9-Nov-2020	28-Nov-2020	19	10	9	Concessionaire submit the document without approval of Mechanical GA	Mr. Arpan Ghosh Mr. Wahab Alam	1 1	-	Concessionaire submit the document without approval of Mechanical GA	Asked to Concessionaire please submit revised the document after approval of Mechanical GA	-
28-Nov-2020	Site visit of Naini-I and Rajapur STP	28-Nov-2020	28-Nov-2020	1	-	-	-	Mr. Divvela Srimannarayana	1 1	-	-	-	-

Project Engineer's activities for the month of "November'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)
								Mr. Kumar Kashyap					
28-Nov-2020	Preparation of November month MPR	28-Nov-2020	28-Nov-2020	1	-	-	-	Mr. Amit Ranjan	2	-	-	-	-
29-Nov-2020	Sunday												
30-Nov-2020	Guru Nanak Jayanti												
	Daily Supervision of O&M Activities of Package-III Facilities	Daily	-	Daily	-	-	-	Mr. Gaurav Gupta	20	-	-	-	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	20	-	-	-	O&M Supervision at Site and verification of Guaranteed Interim Availability

17. Operation and Maintenance report for November 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	DEWATERED SLUDGE		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)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/g TS)	
1-Nov-20	52707	52.71	7.63	7.58	128	30	303	45	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.	0.3	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 75% due to ongoing Rehabilitation works & as per approved Guaranteed Interim Availability. Three streams (out of four) are in operation. 2) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
2-Nov-20	52725	52.73	7.59	7.68	135	26	312	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
3-Nov-20	49520	49.52	7.45	7.58	130	28	316	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
4-Nov-20	56887	56.89	7.39	7.62	139	25	309	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
5-Nov-20	55258	55.26	7.75	7.64	135	29	314	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
6-Nov-20	55937	55.94	7.61	7.52	129	27	303	42	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.

Date	Daily Feed Quantity MLD (Design- 80 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		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)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/g TS)	
														2) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
7-Nov-20	57183	57.18	7.71	7.61	135	29	305	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
8-Nov-20	61400	61.40	7.58	7.45	140	27	312	41	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
9-Nov-20	64865	64.87	7.61	7.48	135	25	316	42	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
10-Nov-20	64060	64.06	7.53	7.58	140	28	328	41	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
11-Nov-20	64983	64.98	7.49	7.56	138	26	299	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
12-Nov-20	63900	63.90	7.69	7.48	138	26	304	45	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) One stream is in shutdown 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	DEWATERED SLUDGE		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)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/g TS)	
13-Nov-20	64660	64.66	7.68	7.56	145	29	308	38	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
14-Nov-20	64658	64.66	7.36	7.46	137	30	296	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
15-Nov-20	66897	66.90	7.46	7.52	142	27	302	40	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
16-Nov-20	73104	73.10	7.54	7.61	145	29	308	42	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
17-Nov-20	74526	74.53	7.53	7.66	142	26	301	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
18-Nov-20	70524	70.52	7.54	7.71	146	28	305	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
19-Nov-20	70534	70.53	7.51	7.62	139	25	308	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.

Date	Daily Feed Quantity MLD (Design- 80 MLD)		pH		BOD (mg/l)		TSS (mg/l)		FECAL COLIFORM		FRC	DEWATERED SLUDGE		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)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/g TS)	
														2) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
20-Nov-20	77413	77.41	7.64	7.68	140	29	299	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
21-Nov-20	62474	62.47	7.48	7.51	138	30	302	45	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
22-Nov-20	84807	84.81	7.44	7.54	144	27	308	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
23-Nov-20	78611	78.61	7.53	7.51	136	26	296	40	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
24-Nov-20	66219	66.22	7.44	7.49	137	29	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
25-Nov-20	65389	65.39	7.51	7.46	142	27	301	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) One stream is in shutdown 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	DEWATERED SLUDGE		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)	Outlet Concentration (>20%)	Fecal Coliform (20,00,000 MPN/g TS)	
26-Nov-20	69325	69.33	7.48	7.52	140	25	305	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
27-Nov-20	68001	68.00	7.44	7.49	135	28	294	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
28-Nov-20	74219	74.22	7.53	7.58	142	28	302	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
29-Nov-20	75765	75.77	7.54	7.66	136	26	306	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
30-Nov-20	73345	73.35	7.56	7.51	144	28	298	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) One stream is in shutdown from 21.09.2020 for Rehabilitation works.
Average	65996.53	66.00	7.54	7.56	138.40	27.43	305.27	42.13			0.39			

Rajapur 60 MLD under Package-II

Date	Daily Feed Quantity MLD (Design- 60 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-Nov-20	72070	72.07	7.38	7.74	115	24	258	42	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.	0.50	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) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
2-Nov-20	75750	75.75	7.35	7.77	125	27	290	46	NA		0.40			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
3-Nov-20	76280	76.28	7.42	7.79	122	28	296	45	NA		0.50			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
4-Nov-20	72280	72.28	7.45	7.81	130	26	308	38	NA		0.30			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
5-Nov-20	72080	72.08	7.40	7.76	128	29	289	40	NA		0.50			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
6-Nov-20	77050	77.05	7.43	7.78	135	27	278	35	NA		0.50			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
7-Nov-20	86050	86.05	7.42	7.8	132	28	295	42	NA		0.40			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
8-Nov-20	76150	76.15	7.38	7.76	120	25	259	41	NA		0.50			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
9-Nov-20	76420	76.42	7.45	7.75	128	27	272	40	NA		0.40			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.

Date	Daily Feed Quantity MLD (Design- 60 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-Nov-20	76310	76.31	7.42	7.77	130	26	302	36	NA		0.50			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
11-Nov-20	74410	74.41	7.45	7.74	125	28	258	43	NA		0.50			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
12-Nov-20	78050	78.05	7.42	7.72	135	29	269	45	NA		0.40			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
13-Nov-20	70980	70.98	7.46	7.78	140	26	295	41	NA		0.50			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
14-Nov-20	71800	71.80	7.40	7.76	130	27	282	38	NA		0.30			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
15-Nov-20	70980	70.98	7.42	7.74	120	25	292	39	NA		0.50			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
16-Nov-20	75200	75.20	7.46	7.78	125	28	270	43	NA		0.50			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
17-Nov-20	72820	72.82	7.43	7.76	128	26	262	34	NA		0.40			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
18-Nov-20	74530	74.53	7.40	7.72	115	27	288	40	NA		0.40			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
19-Nov-20	77610	77.61	7.42	7.76	130	29	310	43	NA		0.50			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.

Date	Daily Feed Quantity MLD (Design- 60 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)	
20-Nov-20	77230	77.23	7.45	7.74	128	30	290	45	NA		0.50			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
21-Nov-20	79800	79.80	7.46	7.76	125	28	286	42	NA		0.40			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
22-Nov-20	80630	80.63	7.40	7.73	135	23	305	38	NA		0.30			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
23-Nov-20	76550	76.55	7.43	7.76	128	29	273	43	NA		0.40			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
24-Nov-20	72330	72.33	7.45	7.74	132	27	295	45	NA		0.50			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
25-Nov-20	78330	78.33	7.40	7.76	110	24	267	41	NA		0.50			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
26-Nov-20	82290	82.29	7.43	7.75	120	25	256	42	NA		0.40			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
27-Nov-20	76030	76.03	7.45	7.72	125	28	271	45	NA		0.50			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
28-Nov-20	78910	78.91	7.40	7.75	130	26	282	42	NA		0.40			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
29-Nov-20	78920	78.92	7.46	7.70	122	27	252	37	NA		0.50			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.

Date	Daily Feed Quantity MLD (Design- 60 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)	
30-Nov-20	77190	77.19	7.38	7.69	135	25	290	40	NA		0.30			1) Value of KPIs are on the higher side due to excess flow received in STP. 2) Plant Availability is 100%.
Average	76167.67	76.17	7.42	7.75	126.77	26.80	281.33	41.03			0.44			