

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
APRIL 2020



Executing Agency

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



Funding Agency

National Mission for Clean
Ganga, Ministry of Water
Resources, New Delhi 110002



Project Engineer

AECOM India Pvt. Ltd.,
19/F, Bldg. 5-C, DLF Cyber
City, DLF Phase-III, Gurgaon,
Haryana-122002



Concessionaire

Prayagraj Water Pvt. Ltd.,
(SPV of ADANI Enterprise Ltd.
and Organica Technologiak ZRT)
Adani House, 56 Shri Mall,
Society, Navrangpura,
Ahmedabad.

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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;**

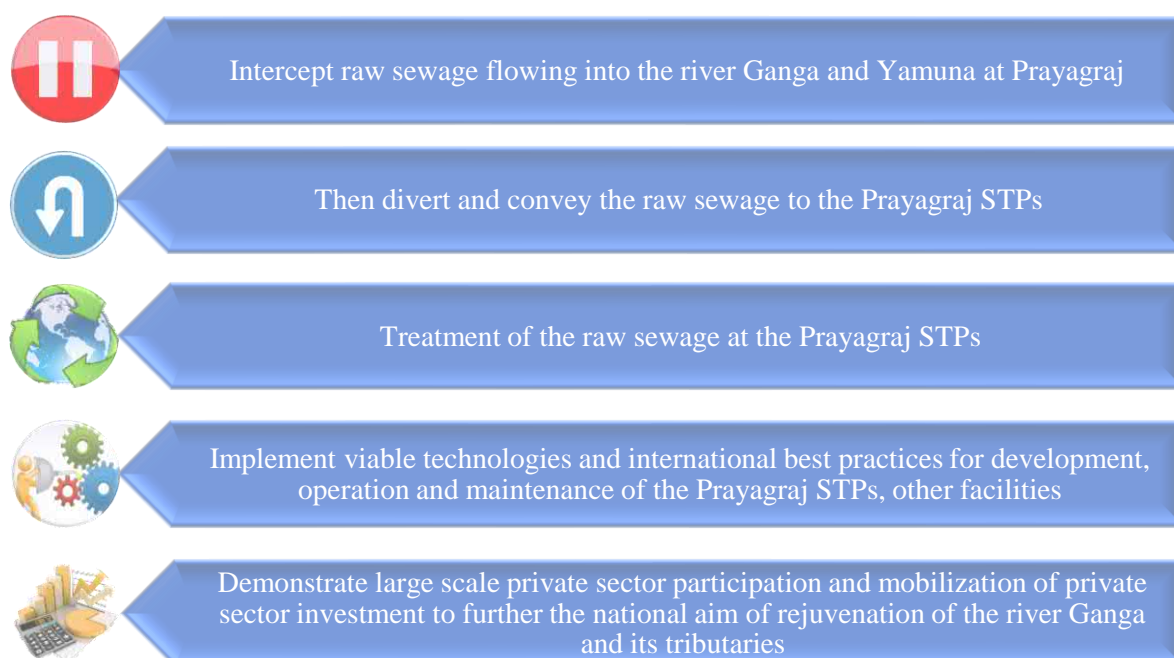


Figure 1 : Objectives of NMCG and UP JAL NIGAM

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 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 and Associate Infrastructure) to the Project Executing Agency/Jal Nigam/ at the end of the Concession Period (say 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) appointed M/s. AECOM India Pvt. Ltd., Gurgaon 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.

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. 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
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

6. Progress of Work

As per the provision of Concessionaire Agreement, effective date of the project was to be declared on or before 11th May 2019. Condition Precedent were not met and mutually agreed on 16th September 2019, hence “Effective Date” for start of construction work was declared on this date.

Details of pre-construction activities / work progress are described as below;

6.1 Physical Progress of the Project

Overall Progress of the project and individually package wise progress are as follows;

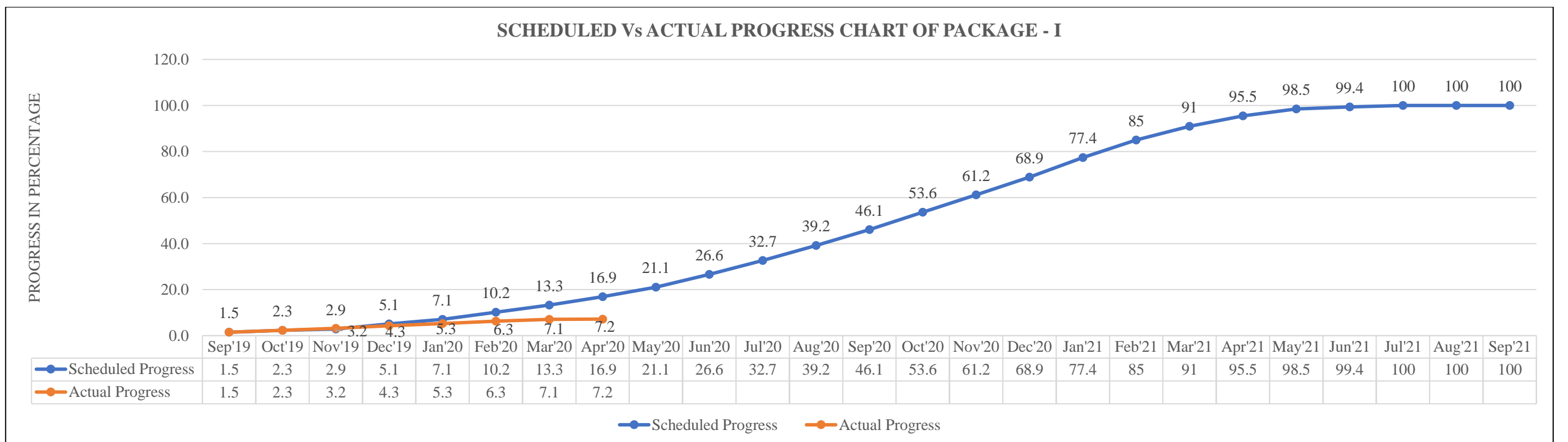
MONTHLY PROGRESS CHART OF PACKAGE – I

Name of work	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.
Effective start date of construction	16 th September 2019
Scheduled completion date of construction	15th September 2021

Schedule Vs Actual Physical Progress (Cumulative)

Activity	Sep, 19	Oct' 19	Nov' 19	Dec' 19	Jan' 20	Feb' 20	Mar' 20	Apr' 20	May' 20	Jun' 20	Jul' 20	Aug' 20	Sep' 20	Oct' 20	Nov' 20	Dec' 20	Jan' 21	Feb' 21	Mar' 21	Apr' 21	May' 21	Jun' 21	Jul, 21	Aug, 21	Sep, 21
Scheduled Physical Progress (%)	1.5	2.3	2.9	5.1	7.1	10.2	13.3	16.9	21.1	26.6	32.7	39.2	46.1	53.6	61.2	68.9	77.4	85	91	95.5	98.5	99.4	100	100	100
Actual Physical Progress (%)	1.5	2.3	3.2	4.3	5.3	6.3	7.1	7.2																	

SCHEDULED Vs ACTUAL PROGRESS CHART OF PACKAGE - I

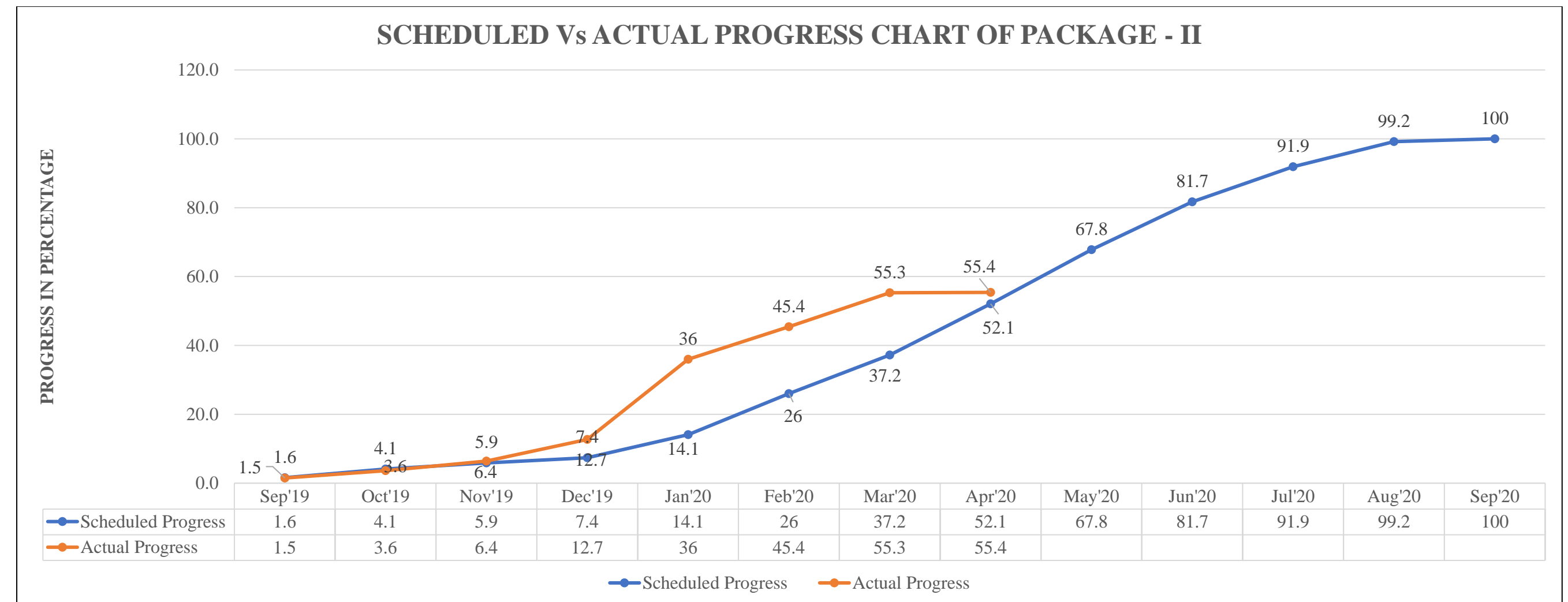


MONTHLY PROGRESS CHART OF PACKAGE – II

Name of work	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.
Effective start date of construction	16 th September 2019
Scheduled completion date of construction	15 th September 2020

Schedule Vs Actual Physical Progress (Cumulative)

Activity	Sep, 19	Oct' 19	Nov' 19	Dec' 19	Jan' 20	Feb' 20	Mar' 20	Apr' 20	May' 20	Jun' 20	Jul' 20	Aug' 20	Sep' 20
Scheduled Physical Progress (%)	1.6	4.1	5.9	7.4	14.1	26	37.2	52.1	67.8	81.7	91.9	99.2	100
Actual Physical Progress (%)	1.5	3.6	6.4	12.7	36	45.4	55.3	55.4					

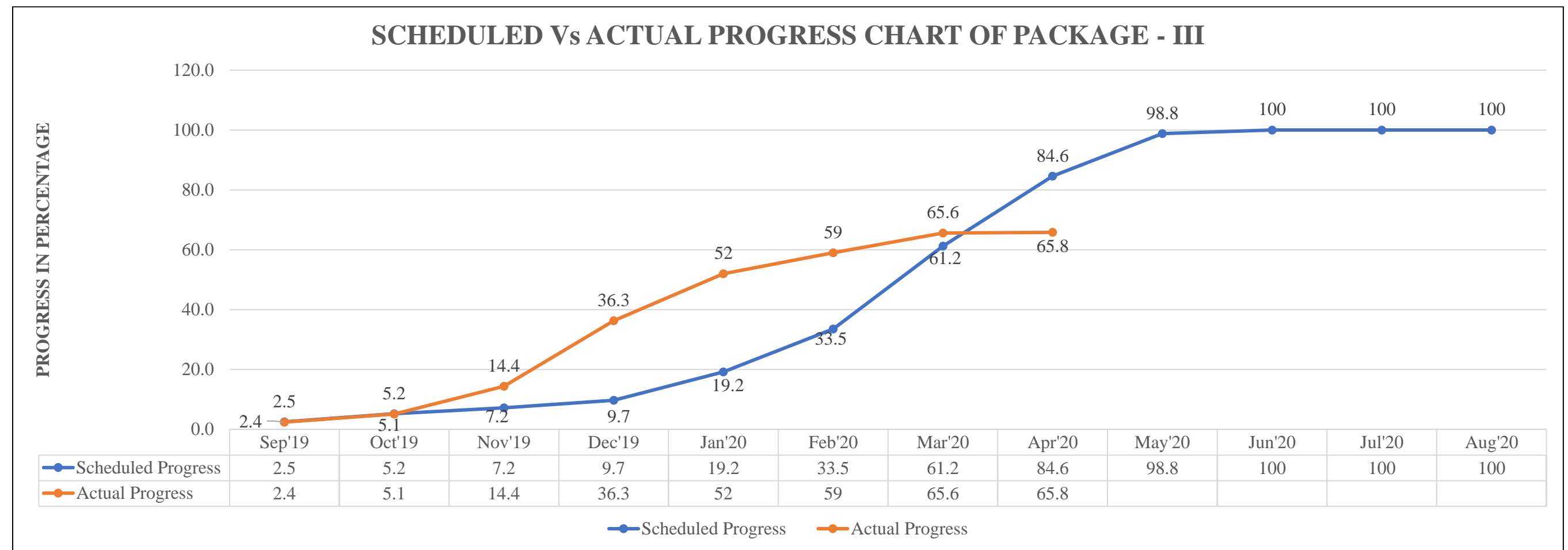


MONTHLY PROGRESS CHART OF PACKAGE – III

Name of work	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.
Effective start date of construction	16 th September 2019
Scheduled completion date of construction	15 th March 2020
Extension of Assignment	30 th June 2020

Schedule Vs Actual Physical Progress (Cumulative)

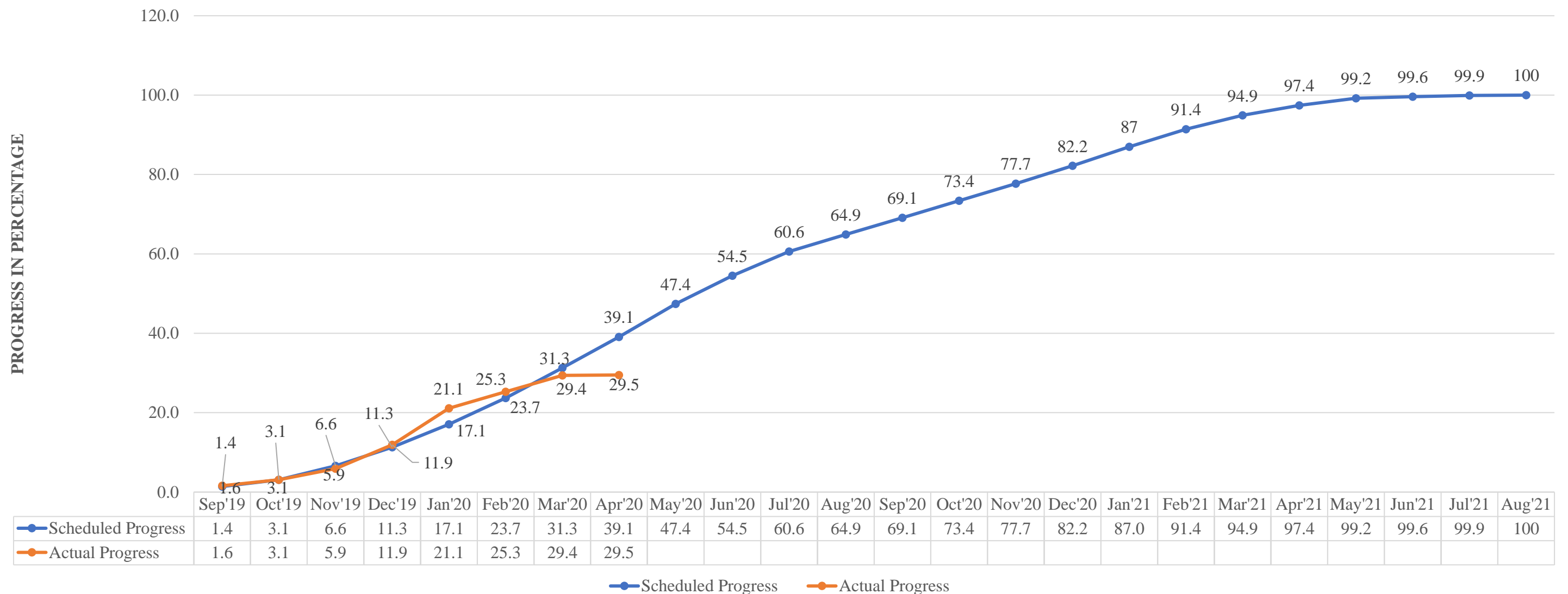
Activity	Sep, 19	Oct' 19	Nov' 19	Dec' 19	Jan' 20	Feb' 20	Mar' 20	Apr' 20	May' 20	Jun' 20	Jul' 20	Aug' 20
Scheduled Physical Progress (%)	2.5	5.2	7.2	9.7	19.2	33.5	61.2	84.6	98.8	100	100	100
Actual Physical Progress (%)	2.4	5.1	14.4	36.3	52	59	65.6	65.8				



PROGRESS CHART OF OVERALL PROJECT

Activity	Sep, 19	Oct' 19	Nov' 19	Dec' 19	Jan' 20	Feb' 20	Mar' 20	Apr' 20	May' 20	Jun' 20	Jul' 20	Aug' 20	Sep' 20	Oct' 20	Nov' 20	Dec' 20	Jan' 21	Feb' 21	Mar' 21	Apr' 21	May' 21	Jun' 21	Jul' 21	Aug, 21
Scheduled Physical Progress (%)	1.4	3.1	6.6	11.3	17.1	23.7	31.3	39.1	47.4	54.5	60.6	64.9	69.1	73.4	77.7	82.2	87.0	91.4	94.9	97.4	99.2	99.6	99.9	100
Actual Physical Progress (%)	1.6	3.1	5.9	11.9	21.1	25.3	29.4	29.5																

SCHEDULED Vs ACTUAL PROGRESS CHART OF OVERALL PROJECT



6.2 Achievement of Construction Milestone

The financials of Concession Agreement amount of project are as follows;

Facility	Milestone No.	Scheduled Start Date	Scheduled Completion Date	Status/ Actual Completion Date	Remarks
Package 1	Milestone 1	16 th September 2019	15 th January 2020	Under Progress	Completed for Phaphamau Facilities & Naini-II Facilities Due to change of land of Jhansi STP Facility and delay in Land Handover 21 st Nov-2019, survey & investigation work followed by engineering got delayed. Concessionaire is instructed to submit the revised construction plan for UPJN approval.
	Milestone 2	16 th January 2020	15 th March 2020	Under Progress	Progress is affected due to change of land of Jhansi STP Facility and delay in Land Handover 21 st Nov-2019, later on new survey & investigation work followed by basic engineering designs/drawings. Construction activities affected due to Nation-wide lockdown because of Pandemic COVID-19 from 25 th March 2020.
	Milestone 3	16 th March 2020	15 th May 2020		
	Milestone 4	16 th May 2020	15 th July 2020		
	Milestone 5	16 th July 2020	15 th September 2020		
	Milestone 6	16 th September 2020	15 th December 2020		
	Milestone 7	16 th December 2020	15 th March 2021		
	Milestone 8	16 th March 2021	15 th June 2021		
	Milestone 1	16 th September 2019	25 th March 2020	Under Progress	As per actual site condition some additional work was envisaged by Concessioner which was not

Package 2					the Scope of works without any additional cost, Therefore, actual completion date was exceeded from the date of Scheduled completion which were not affecting the overall rehabilitation period of Package-II and no time extension were allowed for further milestone. Rehabilitation activities affected due to Nation-wide lockdown because of Pandemic COVID-19 from 25 th March 2020.
	Milestone 2	26 th March 2020	30 th April 2020	Under Progress	The activities were affected due to pandemic COVID-19 and nation-wide lockdown from 25 th March 2020. Further, Concessionaire is instructed to submit the revised rehabilitation plan for UPJN approval.
	Milestone 3	1 st May 2020	15 th August 2020		
	Milestone 4	16 th August	15 th September 2020		
Package 3	Milestone 1	16 th September 2019	25 th March 2020	Completed / 25 th March 2020	
	Milestone 2	26 th March 2020	30 th June 2020	Under Progress	Rehabilitation activities affected due to Nation-wide lockdown because of Pandemic COVID-19 from 25 th March 2020.

6.3 Meetings, Discussions and Site Visits:

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

Sr. No.	Meeting with UPJN / NMCG / Appraisal agency	Date	Attendees	Description
1.	Meeting at Chief engineer office (Jal Nigam).	03.04.2020	1.C.E – UPJN 2.P.M – PWPL 3.Sr. Engineer (O&M)-Aecom	Meeting regarding progress of project.
2.	Site inspection Report of Kodra & Numayadehi STP under Package III.	14.04.2020	1.P.M 1 – UPJN 2.P.M – PWPL 3.Sr. Engineer (O&M)-Aecom	Regarding Rehab activities.
3.	Inspection Report of Salori STP & MPS under package III.	25.04.2020	1.P.M IV – UPJN 2.P.M – PWPL 3.Sr. Engineer (O&M)-Aecom	Regarding Rehab activities.

6.4 Activity wise monthly Progress;

Activity wise monthly progress is enclosed as Annexure-1

NEW CONSTRUCTION			
S. No.	Structure Description	Structure Qty.	Status
PACKAGE – I			
PHAPHAMAU STP			
1	FCR tank	01 No.	<ul style="list-style-type: none"> 90 % Excavation work completed 75 % Rubble soling completed
NAINI – II STP			
2	FCR tank	01 No.	<ul style="list-style-type: none"> 75 % Excavation completed.
3	Boundary wall		<ul style="list-style-type: none"> 10 % construction work completed
JHUNSI			
4	Site office	01 No.	<ul style="list-style-type: none"> Establishment of site office work started.
PACKAGE - III			
SALORI STP			
5	PLC building	01 No.	<ul style="list-style-type: none"> 50 % Excavation work completed.
6	Chlorination room	01 No.	<ul style="list-style-type: none"> 100 % excavation work completed.
7	Sludge Dewatering Building	01 No.	<ul style="list-style-type: none"> 30 %Excavation work completed.
LUKARGANJ SPS			
8	PLC Room	01 No	<ul style="list-style-type: none"> 50 % Excavation work completed.
PONGHAT STP			
9	PLC Room	01 No	<ul style="list-style-type: none"> 100 % Excavation work completed.

REHABILITATION UNITS			
S. No.	Structure Description	Structure Qty.	Status
PACKAGE – II			
NAINI – I STP			
1	Sludge digester	01 No.	<ul style="list-style-type: none"> Digester cleaning work under progress.
PACKAGE - III			
NUMAYADAHI STP			
2	Bio tower	01 No.	<ul style="list-style-type: none"> Cleaning work is in Progress Painting work for Bio tower mechanism is progress. New Media filling work is in progress.
3	Secondary clarifier	01 No.	<ul style="list-style-type: none"> Cleaning work is Completed. Painting Work is in Progress.
4	Aeration tank	01 No.	<ul style="list-style-type: none"> Cleaning work is in Completed. Painting Work is in Progress.
5	Grit classifier	01 No.	<ul style="list-style-type: none"> Cleaning work is in Completed. Painting Work is in progress. Complete Overhauling Work is in progress.
KODRA STP			
6	Bio tower	01 No.	<ul style="list-style-type: none"> Cleaning work is in Progress Painting work for Biotower mechanism is progress. New Media filling work is in progress.
7	Secondary clarifier	01 No.	<ul style="list-style-type: none"> Cleaning work is Completed. Painting Work is in Progress.
8	Aeration tank	01 No.	<ul style="list-style-type: none"> Cleaning work is in Completed. Painting Work is in Progress.
9	Grit classifier	01 No.	<ul style="list-style-type: none"> Cleaning work is in Completed. Painting Work is in progress. Complete Overhauling Work is in progress.
PONGHAT STP			
10	Bio tower	01 No.	<ul style="list-style-type: none"> Cleaning work is in Progress Painting work for Bio tower mechanism is progress. New Media filling work is in progress.
11	Secondary clarifier	01 No.	<ul style="list-style-type: none"> Cleaning work is Completed. Painting Work is in Progress.
12	Aeration tank	01 No.	<ul style="list-style-type: none"> Cleaning work is Completed. Painting Work is in Progress.
13	Grit classifier	01No.	<ul style="list-style-type: none"> Cleaning work is Completed. Painting Work is in progress. Complete Overhauling Work is in progress.

SALORI STP			
14	FAB reactor	01 No.	• Rehabilitation Work is in progress.
15	Grit classifier	01 No.	• Rehabilitation Work is in progress.
16	Clarissettler	01 No.	• Rehabilitation Work is in progress.

8. Photos of Meetings / Site Visits and Activities

PACKAGE - I

PHAPHAMAU FACILITIES (DISTRICT -F)



FCR – Boulder pitching & sand filling work in progress



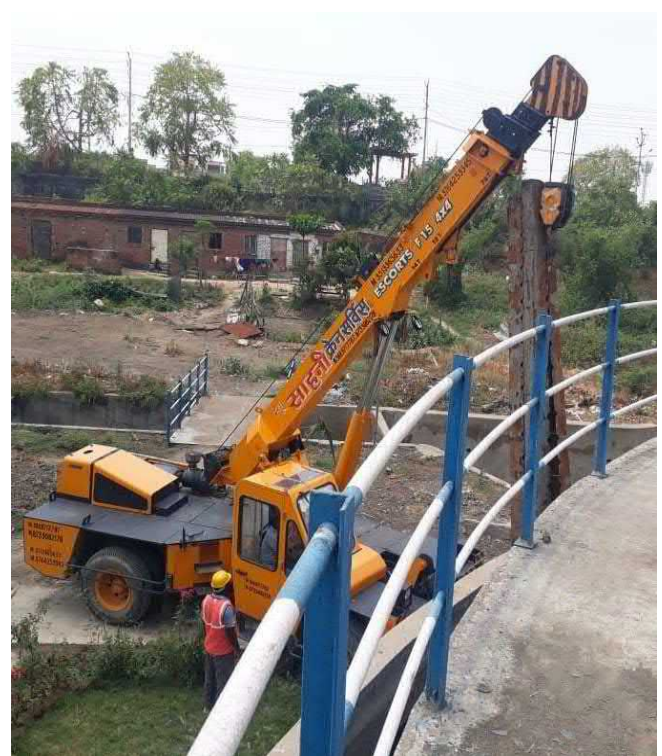
FCR – Boulder pitching work in progress

PACKAGE - III

SALORI FACILITIES (DISTRICT - C)



FAB Reactor – FAB media removal work in progress



Seconadry Clarifier – Steel structure dismantling work in progress

NUMAYADAHI FACILITIES (DISTRICT B)**Secondary Clarifier - Epoxy paint work in progress****Aeration Tank - Epoxy paint work in progress**

KODRA FACILITIES (DISTRICT E)



Bio Tower 2 – Cleaning work in progress



Bio Tower 2 –Media Replacement work in progress

PRECAUTION DURING COVID -19



Sanitization work at Salori site



Employees Thermal scanning at Naini-I STP



Awareness boards to beat COVID -19

9. Outward Register

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

Sr. No.	Transmittal/Ref No	Date	Description	To (Organization)	Copies To
1.	AIPL/WUD/RFP-NMCG/2020/216	1-Apr-20	Prayagraj STP Project under HAM – Notice of Force Majeure Event - COVID-19	SEFAE, NMCG, New Delhi	
2.	Via E - Mail	2-Apr-20	Prayagraj STP Project – Submission of Naini II Process Building Civil Drawings L-161	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.	Via E - Mail	2-Apr-20	Prayagraj STP Project – Submission of Naini II Process Building Civil Drawings (2) L-172	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.	Via E - Mail	8-Apr-20	Prayagraj STP Project - Submission of PLC Documents Package II & III	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.	Via E - Mail	8-Apr-20	Submission of Additional documents for LV Panel Package II & III (PDB)	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
6.	Via E - Mail	9-Apr-20	Prayagraj ST Project- Submission of Additional documents for LV Panel Package II & III	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.	Via E - Mail	9-Apr-20	Prayagraj STP Project – Submission of MV Cable and Battery Datasheet for Naini-I STP	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.	Transmittal/Ref No	Date	Description	To (Organization)	Copies To
8.	Via E - Mail	9-Apr-20	Prayagraj STP Project – Civil Drawing of Security Cabin at Naini II STP (L142)	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.	Via E - Mail	10-Apr-20	Submission of CRS for Submersible Pumps Pkg II & III	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.	Via E - Mail	10-Apr-20	Submission of CRS for Treated Effluent Pump House Naini I STP	The General Manager, Ganga Pollution Control Unit	1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
11.	Via E - Mail	10-Apr-20	Submission of Additional documents for LV Panel Package II & III	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.	Via E - Mail	10-Apr-20	Submission of Sluice Valve GAD for Package II & III	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.	Via E - Mail	10-Apr-20	Prayagraj – Submission of documents for Gas Mixing System Naini I	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.	Via E - Mail	10-Apr-20	Prayagraj STP Project- Submission of Naini I Gas Engine Documents (Part 3)	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.	Via E - Mail	11-Apr-20	Prayagraj STP Project – Submission of Phaphamau STP Road & Drains revised drawings	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.	Transmittal/Ref No	Date	Description	To (Organization)	Copies To
16.	Via E - Mail	11-Apr-20	Submission of revised civil drawings Sludge Dewatering Building at Rajapur STP	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
17.	Via E - Mail	11-Apr-20	Submission of revised civil drawings of Sludge Dewatering Building at Naini-I (L150)	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.	Via E - Mail	11-Apr-20	Submission of Civil Drawing of Security Cabin	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.	Via E - Mail	11-Apr-20	Prayagraj STP Project-Submission of revised civil drawings Sludge Dewatering Building at Salori	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.	Via E - Mail	12-Apr-20	Submission of drawings for Road & Drain at Naini II	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.	Via E - Mail	12-Apr-20	Submission of Mawaiya Drain Weir Drawings	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.	Via E - Mail	13-Apr-20	Submission of CCTV Data Sheet Pkg-I, Package-II and Package-III Facilities	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
23.	Via E - Mail	13-Apr-20	Submission of Monthly Progress Report for March 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.	Transmittal/Ref No	Date	Description	To (Organization)	Copies To
24.	Via E - Mail	14-Apr-20	Submission of revised documents – Basna Nalla SPS Type – I Staff quarters (L167/20)	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/217	14-Apr-20	Visit report of Kodra STP, Kodra MPS & Numayadahi STP	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/217	14-Apr-20	Submission of revised documents – Basna Nalla SPS Type – I Staff quarters (L167/20)	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.	Via E - Mail	15-Apr-20	Gas Holder Foundation Design and drawing (L-178)	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.	Via E - Mail	15-Apr-20	Submission of documents for Chemical Dosing System (PE & FeCl ₃) Pkg II, III	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
29.	Via E - Mail	15-Apr-20	Submission of Floor Plan GA Drawings Jhunsī STP	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/218	15-Apr-20	Necessary changes due to UPJN's observations in process calculations of Jhunsī STP	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.	Via E - Mail	15-Apr-20	Submission of Naini II STP Floor Plans Layout Drawing	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.	Transmittal/Ref No	Date	Description	To (Organization)	Copies To
32.	Via E - Mail	15-Apr-20	Submission of BEP for Jhunsi Associated Infrastructure	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.	Via E - Mail	15-Apr-20	Submission of MV Cable and Battery Datasheet for Naini-I STP	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
34.	Via E - Mail	15-Apr-20	Submission of Fire system Documents for Pkg II/III	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.	Via E - Mail	15-Apr-20	Submission of Naini II FCR Tank Civil Drawings (L174)	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.	Via E - Mail	15-Apr-20	Submission of Naini II FCR Tank Civil Drawings (L174)	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.	Via E - Mail	15-Apr-20	Submission of Inlet Chamber Coarse Screen & Wet Well drawings for Mawaiya SPS	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.	Via E - Mail	16-Apr-20	Submission of Diffuser piping drawings Package II/III	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.	Via E - Mail	17-Apr-20	Submission of Valve documents for Package II/III	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.	Transmittal/Ref No	Date	Description	To (Organization)	Copies To
40.	Via E - Mail	18-Apr-20	Submission of CRS for Submersible Pumps Pkg II & III	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.	Via E - Mail	18-Apr-20	Submission of Battery Charger docs for Naini-I STP	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.	Via E - Mail	20-Apr-20	Submission of Fire system Documents for Pkg II/III	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.	Via E - Mail	20-Apr-20	Prayagraj STP Project Submission of Battery Charger docs for Naini-I STP	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.	Via E - Mail	20-Apr-20	Submission of Additional documents for LV Panel Package II & III	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.	Via E - Mail	20-Apr-20	Submission of CRS for Treated Effluent Pump House Naini I STP	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
46.	Via E - Mail	20-Apr-20	Submission of Additional documents for LV Panel Package II & III	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.	Via E - Mail	21-Apr-20	Submission of Additional documents for LV Panel Package II & III (PDB)	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.	Transmittal/Ref No	Date	Description	To (Organization)	Copies To
48.	Via E - Mail	22-Apr-20	Daily Flow & Quality Details	M/s PWPL, Prayagraj	The General Manager, Ganga Pollution Control Unit
49.	Via E - Mail	23-Apr-20	Prayagraj STP Project – Submission of Naini II Process Building Civil Drawings	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.	Via E - Mail	23-Apr-20	Submission of Naini II STP Floor Plans Layout Drawing	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.	Via E - Mail	24-Apr-20	Submission of General Layout for Bio Gas Engine at Naini I	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
52.	Via E - Mail	24-Apr-20	Submission of General Layout for Bio Gas Engine at Naini I	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.	Via E - Mail	24-Apr-20	Gas Engine Inspection waiver	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.	Via E - Mail	24-Apr-20	Submission of Laboratory Instruments documents for Pkg II & III	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/219	25-Apr-20	Visit report of Salori STP & MPS.	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/220	27-Apr-20	1st Payment Milestone Completion Certificate for Package-III for	The General Manager, Ganga Pollution Control Unit	1. SEFAE, NMCG, New Delhi

Sr. No.	Transmittal/Ref No	Date	Description	To (Organization)	Copies To
			Development & Rehabilitation of Prayagraj STP Projects on Hybrid Annuity based PPP Mode		2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
57.	Via E - Mail	28-Apr-20	Submission of Naini I Gas Engine Documents (4)	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
58.	Via E - Mail	28-Apr-20	Prayagraj STP Project-Submission of Naini I Gas Engine Documents	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/221	30-Apr-20	Visit report of Kodra STP, MPS	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.	Via E - Mail	30-Apr-20	Submission of documents for Gas Mixing System Naini I	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.	Via E - Mail	30-Apr-20	Submission of Naini I Gas Engine Documents	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.	Via E - Mail	30-Apr-20	Submission of DG Datasheet and GA for Naini-I STP	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.	Via E - Mail	30-Apr-20	Submission of PIDs for Package III	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. Inward Register

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

Sr. No.	Transmittal/Ref No	Date	Description	From
1.	PWPL/UPJN/PM CG/194/20	02 -Apr-20	Regarding update on force majeure event	Project Manager, Ganga Pollution control unit
2.	PWPL/UPJN/PM CG/195/20	03 -Apr-20	Regarding submission of Naini-II process building	Project Manager, Ganga Pollution control unit
3.	PWPL/UPJN/PM CG/196/20	03 -Apr-20	Regarding submission of civil drawing for Mahewaghat SPS	Project Manager, Ganga Pollution control unit
4.	PWPL/UPJN/PM CG/197/20	06 -Apr-20	Regarding submission of civil drawing for FCR Phaphamau STP	Project Manager, Ganga Pollution control unit
5.	PWPL/UPJN/PM CG/198/20	06 -Apr-20	Regarding submission of GA, IA, Internal wiring drawing & BOM documents of PLC package -III	Project Manager, Ganga Pollution control unit
6.	PWPL/UPJN/PM CG/199/20	08 -Apr-20	Regarding submission of PLC operation & control philosophy - Pkg-II & III	Project Manager, Ganga Pollution control unit
7.	PWPL/UPJN/PM CG/200/20	08 -Apr-20	Regarding update of Force Majeure event	Assistant Engineer, Ganga Pollution Control Unit
8.	PWPL/UPJN/PM CG/201/20	09 -Apr-20	Regarding laboratory instrument document for Package-II & III	General Manager, Ganga Pollution control unit
9.	PWPL/UPJN/PM CG/202/20	09 -Apr-20	Regarding GA & Instrument Installation drawings (Hook-up drawings) of all Field Instruments for Package -II & III	AVP at M/S Prayagraj Water Pvt. Ltd.
10.	PWPL/UPJN/PM CG/203/20	10 -Apr-20	Regarding submission of New chlorine storage building -Naini-I	Project Manager, Ganga Pollution control unit
11.	PWPL/UPJN/PM CG/204/20	10 -Apr-20	Regarding submission of MPR Mar'20	Project Manager, Ganga Pollution control unit
12.	PWPL/UPJN/PM CG/205/20	11-Apr-20	Regarding submission of test certificate & manufacturer certificates of C& I for all STP & SPS	Project Manager, Ganga Pollution control unit
13.	PWPL/UPJN/PM CG/206/20	13-Apr-20	Regarding notification in Change in law	General Manager, Ganga Pollution control unit

Sr. No.	Transmittal/Ref No	Date	Description	From
14.	PWPL/UPJN/PM CG/207/20	14 -Apr-20	Regarding submission of Instrument schedule for Pkg-III	General Manager, Ganga Pollution control unit
15.	PWPL/UPJN/PM CG/208/20	14 -Apr-20	Regarding submission of Gas engine civil drawing for Naini-I	General Manager, Ganga Pollution control unit
16.	PWPL/UPJN/PM CG/209/20	14 -Apr-20	Regarding submission of revised drawing of inlet chamber coarse screen & WET well shantipuram MPS	General Manager, Ganga Pollution control unit
17.	PWPL/UPJN/PM CG/210/20	14 -Apr-20	Regarding submission of DG set for Naini -I	AVP at M/S Prayagraj Water Pvt. Ltd.
18.	PWPL/UPJN/PM CG/211/20	15-Apr-20	Regarding submission of revised mechanical GAD for Basana Nala	AVP at M/S Prayagraj Water Pvt. Ltd.
19.	PWPL/UPJN/PM CG/212/20	16 -Apr-20	Regarding submission of Instrument cable schedule	Project Manager, Ganga Pollution control unit
20.	PWPL/UPJN/PM CG/212A/20	16 -Apr-20	Regarding update of force majeure event	Project Manager, Ganga Pollution control unit
21.	PWPL/UPJN/PM CG/213/20	18 -Apr-20	Regarding submission of Scrubber foundation drawing of Naini -I	Project Manager, Ganga Pollution control unit
22.	PWPL/UPJN/PM CG/214/20	18 -Apr-20	Regarding submission of revised FEEP document for package-II	General Manager, Ganga Pollution control unit
23.	PWPL/UPJN/PM CG/215/20	18 -Apr-20	Regarding submission of P&ID for package -III	AVP at M/S Prayagraj Water Pvt. Ltd.
24.	PWPL/UPJN/PM CG/216/20	19 -Apr-20	Regarding submission of revised GA drawing of Naini-II MPS	Assistant Engineer, Ganga Pollution Control Unit
25.	PWPL/UPJN/PM CG/217/20	19 -Apr-20	Regarding submission of Supporting document for milestone -I	AVP at M/S Prayagraj Water Pvt. Ltd.
26.	PWPL/UPJN/PM CG/218/20	19 -Apr-20	Regarding submission of revised civil drawing for Mahewaghat SPS	General Manager, Ganga Pollution control unit
27.	PWPL/UPJN/PM CG/219/20	19 -Apr-20	Regarding submission of revised civil drawing for Naini-II FCR drawing	AVP at M/S Prayagraj Water Pvt. Ltd.
28.	PWPL/UPJN/PM CG/220/20	20 -Apr-20	Notice for completion of Milestone - II of Package-II	AVP at M/S Prayagraj Water Pvt. Ltd.
29.	PWPL/UPJN/PM CG/221/20	22-Apr-20	Regarding submission of civil drawing of Sludge dewatering building - Salori	Project Manager, Ganga Pollution control unit
30.	PWPL/UPJN/PM CG/221a/20	22-Apr-20	Update on force majeure event	Project Manager, Ganga Pollution control unit

Sr. No.	Transmittal/Ref No	Date	Description	From
31.	PWPL/UPJN/PM CG/222/20	22-Apr-20	Regarding submission of civil drawing of Sludge dewatering building - Rajapur	Project Manager, Ganga Pollution control unit
32.	PWPL/UPJN/PM CG/223/20	22-Apr-20	Regarding submission of civil drawing of Sludge dewatering building - Naini-I	Project Manager, Ganga Pollution control unit
33.	PWPL/UPJN/PM CG/224/20	22-Apr-20	Regarding submission of process building of Phaphamau STP	Project Manager, Ganga Pollution control unit
34.	PWPL/UPJN/PM CG/225/20	23-Apr-20	Regarding submission of revised GA drawing for Mawaiya SPS	Project Manager, Ganga Pollution control unit
35.	PWPL/UPJN/PM CG/226/20	24 -Apr-20	Regarding submission of Instrument schedule for package-II STP & SPS	Project Manager, Ganga Pollution control unit
36.	PWPL/UPJN/PM CG/227/20	24 -Apr-20	Regarding submission of Basana nala SPS staff Quarter	Project Manager, Ganga Pollution control unit
37.	PWPL/UPJN/PM CG/228/20	24 -Apr-20	Regarding submission of revised drawing of heat exchanger building at Naini-I	Project Manager, Ganga Pollution control unit
38.	PWPL/UPJN/PM CG/229/20	24 -Apr-20	Regarding submission of revised super structural drawing of heat exchanger building at Naini -I	Project Manager, Ganga Pollution control unit
39.	PWPL/UPJN/PM CG/230/20	25-Apr-20	Regarding submission of revised BEP for Jhansi associated infrastructure	AVP at M/S Prayagraj Water Pvt. Ltd.
40.	PWPL/UPJN/PM CG/231/20	25-Apr-20	Regarding submission of revised BEP for Jhansi STP	AVP at M/S Prayagraj Water Pvt. Ltd.
41.	PWPL/UPJN/PM CG/232/20	29 -Apr-20	Regarding update on force majeure event	Project Manager, Ganga Pollution control unit
42.	PWPL/UPJN/PM CG/233/20	29 -Apr-20	Regarding submission of instrument cable schedule - Pkg-II	AVP at M/S Prayagraj Water Pvt. Ltd.
43.	PWPL/UPJN/PM CG/234/20	29 -Apr-20	Regarding submission of revised MPR Mar -20 (R1)	Project Manager, Ganga Pollution control unit
44.	PWPL/UPJN/PM CG/235/20	30 -Apr-20	Regarding submission of chlorination system document - Package-I	General Manager, Ganga Pollution control unit
45.	PWPL/UPJN/PM CG/236/20	30 -Apr-20	Regarding submission of DG foundation drawing for package -II	General Manager, Ganga Pollution control unit

11. EHS targets, Achievement & compliance report for the month of April' 2020

11.1 Health & Safety target & goals

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%	-

11.2 Monthly HSE Report covering month for the April -2020

Sr. No.	Description	Target of the month	Achievement of the month	Project Cumulative WEF 01-JUL-2019	Remark
1	Monthly minor accident, serious incident details	-	-	-	No Incident occurred
2	Average manpower details, man-hours work	Actual	56816	650874	Safe man hour
3	Lost time (no of working days)	-	-	-	No LTI
4	Number of on Job training	8 Nos	5 Nos	72 Nos	SRFA, LSSR Working at height
5	Number of People trained	65 Nos	45 Nos	835 Nos	
6	HSE committee minutes of meeting	01 Nos	-	07 Nos	
7	HSE inspection/ Round / Visit, Equipment Inspection etc.	8 Nos	4 Nos	73 Nos	

12. 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 Phaphmau 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.	Under process towards filing the application to concern local authority. Total 01 nos. NH Road crossings.
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)				

Sr. No.	Applicable Permit	Authority	Quantity	Remarks
1	Power connection (During commissioning Period)	Electricity Board	3 No.	Under process towards filing the application. Will be applied before commissioning stage. Location: - 1. At Naini-II STP 2. At Mahewaghat SPS 3. At Mawaiya SPS
2	Consent to Establish	State Pollution Control Board (SPCB)	1 No.	Received
3	Tree cutting	Forest Department	-	Under process towards filing the application. Finalized for laying of trunk sewer line route alignment is under progress.
4	Road cutting & crossing	Public Works Department	1 No.	Under process towards filing the application to concern local authority. 1 no. local Road crossing.
5	Railway Crossing	Commissioner Railway Safety	1 No.	Under process towards filing the application to concern authority. Location: - Under Old bridge, Arail Road
6	National Highway cutting & crossing	National Highway Authority of India	NA	NA
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

Sr. No.	Applicable Permit	Authority	Quantity	Remarks
11	Consent to operate for Existing Facilities	ULB and SPCB	1 No.	Will be processed during commissioning stage
Jhusi 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. Jhunsu STP 2. Shastribridge SPS
2	Consent to Establish	State Pollution Control Board (SPCB)	1 No.	Received
3	Tree cutting	Forest Department	NA	Not Required
4	Road cutting & crossing	Public Works Department	1 No.	Under process towards filing the application to concern authority. Location: - Trivenipuram ADA Colony colony to Shashtri Bridge SPS
5	Railway Crossing	Commissioner Railway Safety	1 No.	Under process towards filing the application to concern authority. Location: - Shashtri Bridge
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: - Shashtri Bridge SPS to Jhusi MPS
8	Obtaining No Objection Certificate for various sewerage facilities under the ULB for handing them over to UPJN	ULB/District Administration	NA	Not Required
9	Construction of Weirs/pipeline crossings	Irrigation department/ULB	13 No	Under process towards filing the application, Construction of Weir at 13 nos. Drains. Locations: - 1. Augharwa Nalla 2. Bhola Mandir Nalla 3. Gangoli Shivala Nalla I 4. Gangoli Shivala Nalla II 5. Savitri Nagar Nalla 6. Dham Nalla 7. Sashtri bridge Nalla 8. Triveni Marg Nalla I 9. Triveni Marg Nalla II

Sr. No.	Applicable Permit	Authority	Quantity	Remarks
				10. Ulta Quila Nalla I 11. Ulta Quila Nalla II 12. Havelia Nalla 13. Lakkar Nalla
10	Approach Road to new Facilities	Forest Department/Panchayat/ Local Authority/Irrigation Department	NA	Not Required
11	consent to operate for Existing Facilities	ULB and SPCB	1 No	Will be processed during commissioning stage

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

Project Engineer's activities for the month of "April'2020"													
Date	Name of Activity#	Date of receipt	Date of approval/ Review	No. of day taken	Time as per contract	Delay if any (No. of days) [7=6-5]	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-Apr-20	Discussion and meeting with UPJN officials – Regarding Project progress, O&M and documents review.	1-Apr-20	1-Apr-20	1	-	-	-	Mr. Gaurav Gupta Mr. Kumar Kashyap	1 1	-	-	-	-
2-Apr-20	Notice of Force Majeure Event - COVID-19	2-Apr-20	2-Apr-20	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
2-Apr-20	Review of Civil Documents of Process Building at Naini-II	19-Mar-20	2-Apr-20	14	10	4	No supporting design calculation received.	Mr. Arpan ghosh Mr. Kumar Kashyap	4 2	-	No supporting design calculation received.	Asked concessionaire to submit the required information	-
3-Apr-20	Meeting with UPJN on Work progress under Package-I, Package-II and Package-III at Chief Engineer office	3-Apr-20	3-Apr-20	1	-	-	-	Mr. Gaurav Gupta Mr. Kumar Kashyap	1 1	-	-	-	Work progress under Package-I, Package-II and Package-III
4-Apr-20	Site Visit & Inspection of Construction activities of Naini-II facility under package-I	4-Apr-20	4-Apr-20	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
5-Apr-20	SUNDAY												
6-Apr-20	HOLIDAY – MAHAVEER JAYANTI												
7-Apr-20	Review of documents for Submersible Pumps Pkg II & III	-	-	-	-	-	Information missing for Design Components	Mr. Arun Kumar Agrawal Mr. Ayyub Aathar	2 3	-	Information missing for Design Components	Asked concessionaire to submit the required information	Additional documents were reviewed apart from scope of works
7-Apr-20	Review of Mechanical drawings for Sluice Valve for Package II & III	-	-	-	-	-	Information missing for Design Components	Mr. Arun Kumar Agrawal Mr. Ayyub Aathar	3 2	-	Information missing for Design Components	Asked concessionaire to submit the required information	Additional documents were reviewed apart from scope of works
7-Apr-20	Review of Mechanical documents for Gas Mixing System Naini I	25-Mar-20	7-Apr-20	13	10	3	Information missing for Design Components	Mr. Arun Kumar Agrawal Mr. Ayyub Aathar	2 2	-	Information missing for Design Components	Asked concessionaire to submit the required information	-
7-Apr-20	Review of mechanical Documents Gas Engine (Part 3) of Naini-I	24-Mar-20	7-Apr-20	14	10	4	Information missing for Design Components	Mr. Arun Kumar Agrawal Mr. Ayyub Aathar	2 3	-	Information missing for Design Components	Asked concessionaire to submit the required information	-
8-Apr-20	Review of PLC Documents Package II & III	-	-	-	-	-	-	Mr. Ayyub Aathar	5	-	-	-	Additional documents were reviewed apart

Project Engineer's activities for the month of "April'2020"													
Date	Name of Activity#	Date of receipt	Date of approval/ Review	No. of day taken	Time as per contract	Delay if any (No. of days) [7=6-5]	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
													from scope of works
8-Apr-20	Meeting with UPJN and Video conference meeting with NMCG officials at Chief Engineer office, Prayagraj	8-Apr-20	8-Apr-20	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
9-Apr-20	Review of LV Panel Additional documents Package II & III	-	-	-	-	-	Information missing for Design Components	Mr. Ayyub Aathar	1	-	Information missing for Design Components	Asked concessionaire to submit the required information	Additional documents were reviewed apart from scope of works
9-Apr-20	Review of MV Cable and Battery Datasheet for Naini-I STP	28-Mar-20	9-Apr-20	12	10	2	Information missing for Design Components	Mr. Ayyub Aathar	3	-	Information missing for Design Components	Asked concessionaire to submit the required information	-
9-Apr-20	Review of Security Cabin Civil Documents of Naini II STP	28-Mar-20	9-Apr-20	12	10	2	Information missing for coordinates and Design Components	Mr. Arpan ghosh Mr. Kumar Kashyap	4 2	-	Information missing for Design Components	Asked concessionaire to submit the required information	-
10-Apr-20	HOLIDAY – GOOD FRIDAY												
11-Apr-20	Review of revised civil design/drawings Road & Drains of Phaphamau STP	27-Mar-20	11-Apr-20	15	10	5	Information missing for Drain Design Components	Mr. Abhishek Singh Mr. Wahab Alam	4 3	-	Information missing for Design Components	Asked concessionaire to submit the required information	Insufficient Design documents and data provided by the concessionaire
11-Apr-20	Review of revised civil Documents of Sludge Dewatering Building at Salori	30-Mar-20	11-Apr-20	12	10	2	Information missing for Design and Drawing Components	Mr. Abhishek Mr. Singh Wahab Alam	4 3	-	Information missing for Design Components	Asked concessionaire to submit the required information	Insufficient Design documents and data provided by the concessionaire
11-Apr-20	Review of Sludge Dewatering Building at Naini-I revised civil Documents	30-Mar-20	11-Apr-20	12	10	2	Information missing for Design Components	Mr. Kumar Kashyap Mr. Abhishek Sigh	2 2	-	Information missing for Design Components	Asked concessionaire to submit the required information	Insufficient Design documents and data provided by the concessionaire
12-Apr-20	SUNDAY												
13-Apr-20	Review of Basna Nalla SPS Type – I Staff quarters revised design/drawings	2-Apr-20	13-Apr-20	11	10	1	Information missing for Design Components	Mr. Wahab Alam	1	-	Information missing for Design Components	Asked concessionaire to submit the required information	Insufficient Design documents and data provided by the concessionaire

Project Engineer's activities for the month of "April'2020"													
Date	Name of Activity#	Date of receipt	Date of approval/ Review	No. of day taken	Time as per contract	Delay if any (No. of days) [7=6-5]	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
13-Apr-20	Visit report of Kodra STP, Kodra MPS & Numayadahi STP	13-Apr-20	13-Apr-20	1	-	-	-	Mr. Arun Kumar Agrawal	1	-	-	-	-
14-Apr-20	HOLIDAY – AMBEDKAR JAYANTI												
15-Apr-20	Review of documents for Chemical Dosing System (PE & FeCl3) Pkg II, III	-	-	-	-	-	Information missing for Design Components	Mr. Arun Kumar Agrawal Mr. Ayyub Aathar	2 2	-	Information missing for Design Components	Asked concessionaire to submit the required information	Additional documents were reviewed apart from scope of works
15-Apr-20	Review of Necessary changes due to UPJN's observations in process calculations of Jhuni STP	3-Apr-20	15-Apr-20	12	10	02	Due to location change of Jhuni Facility.	Mr. Arpan Ghosh Mr. Abhishek Singh	2 1	-	-	-	-
16-Apr-20	Site Visit & Inspection of Construction activities of Naini-II STP site under package-I- Reinforcement and shuttering check of Boundary Wall.	16-Apr-20	16-Apr-20	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
17-Apr-20	Meeting with UPJN officials through electronic sources– Regarding Project progress, and documents review.	17-Apr-20	17-Apr-20	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
18-Apr-20	Meeting with UPJN officials through electronic sources– Regarding Project progress, and documents review.	18-Apr-20	18-Apr-20	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
19-Apr-20	SUNDAY												
20-Apr-20	Meeting with UPJN officials through electronic sources– Regarding Project progress, and documents review.	20-Apr-20	20-Apr-20	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
21-Apr-20	Meeting with UPJN officials through electronic sources– Regarding Project progress, and documents review.	21-Apr-20	21-Apr-20	1	-	-	-	Mr. Kumar Kashyap	1	-	-	-	-
22-Apr-20	Discussion and meeting with UPJN officials – Regarding Project progress, O&M and documents review.	22-Apr-20	22-Apr-20	1	-	-	-	Mr. Gaurav Gupta Mr. Kumar Kashyap	1 1	-	-	-	-
23-Apr-20	Review of Naini II Process Building Civil Drawings	3-Apr-20	23-Apr-20	20	10	10	No supporting design calculation received.,	Mr. Arpan Ghosh Mr. Kumar Kashyap	3 1	-	No supporting design calculation received.,	Asked concessionaire to submit the required information	supporting design calculation missing/incorrect
24-Apr-20	Review of Mechanical Drawing for Bio Gas Engine at Naini I	13-Jan-20	24-Apr-20	11	10	1	Information missing in drawing Components	Mr. Arun Kumar Agrawal	2	-	Information missing for Design Components	Asked concessionaire to submit the required information	

Project Engineer's activities for the month of "April'2020"													
Date	Name of Activity#	Date of receipt	Date of approval/ Review	No. of day taken	Time as per contract	Delay if any (No. of days) [7=6-5]	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
25-Apr-20	Visit report of Salori STP & MPS.	25-Apr-20	25-Apr-20	2	-	-	-	Mr. Abhishek Singh	1	-	-	-	-
26-Apr-20	SUNDAY												
27-Apr-20	1st Payment Milestone Completion Certificate for Package-III for Development & Rehabilitation of Prayagraj STP Projects on Hybrid Annuity based PPP Mode	27-Apr-20	27-Apr-20	1	-	-	-	Mr. Arun Kumar Agrawal	1	-	-	-	-
28-Apr-20	Review of Mechanical documents of Gas Engine at Naini-I	15-Apr-20	28-Apr-20	13	10	3	Information missing for Design Components	Mr. Arun Kumar Agrawal Mr. Ayyub Aathar	1 1	-	Information missing for Design Components	Asked concessionaire to submit the required information	-
29-Apr-20	Discussion and meeting with UPJN officials – Regarding Project progress, O&M and documents review.	29-Apr-20	29-Apr-20	1	-	-	-	Mr. Gaurav Gupta Mr. Kumar Kashyap	1 1	-	-	-	-
30-Apr-20	Visit report of Kodra STP, MPS	30-Apr-20	30-Apr-20	1	-	-	-	Mr. Arun Kumar Agrawal	1	-	-	-	-
30-Apr-20	Review of Mechanical documents for Gas Mixing at Naini-I	18-Apr-20	30-Apr-20	12	10	2	Information missing for Design Components	Mr. Arun Kumar Agrawal Mr. Ayyub Aathar	2 1	-	Information missing for Design Components	Asked concessionaire to submit the required information	-
30-Apr-20	Daily Supervision of O&M Activities of Package-II & Package-III Facilities	Daily	-	Daily	10	-	-	Mr. Gaurav Gupta	19	-	-	-	O&M Supervision at Site and verification of Guaranteed Interim Availability