

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
MARCH 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**;

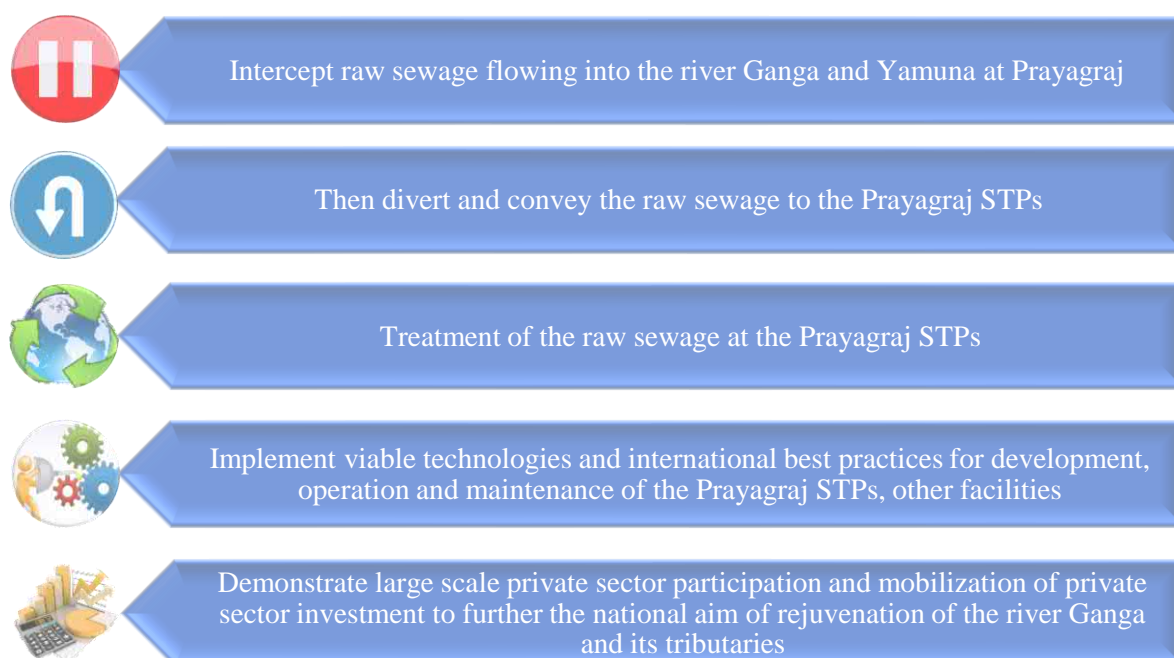


Figure 1 : Objectives of NMCG and UP JAL NIGAM

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;

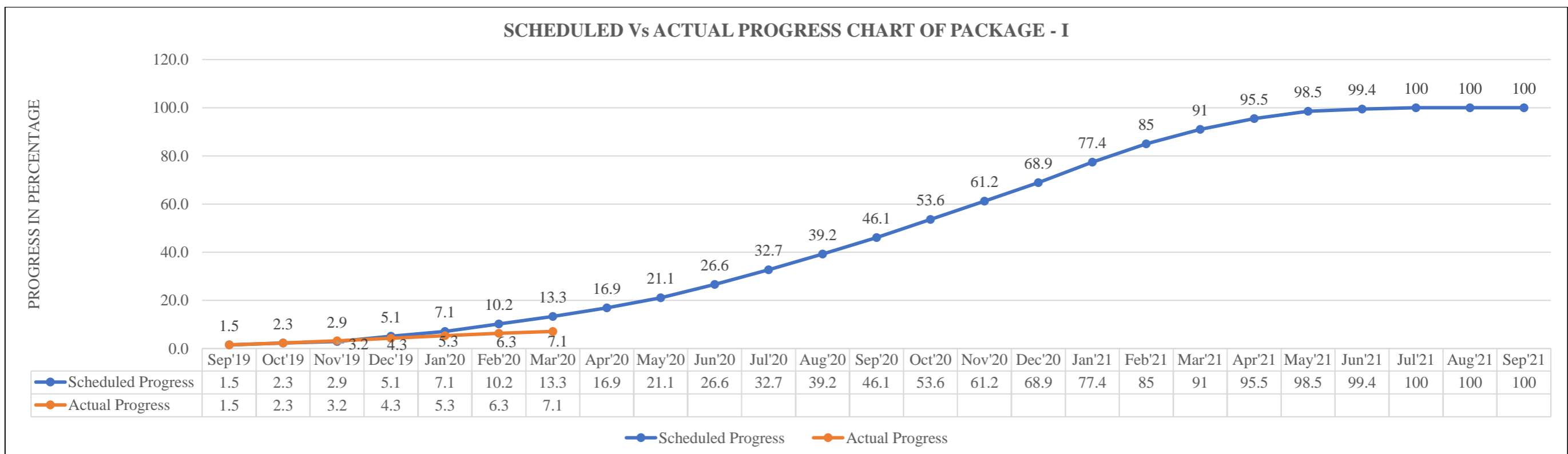
MONTHLY PROGRESS CHART OF PACKAGE – I

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.
Date of start as per work order	16 th September 2019
Date of completion as per work order	15 th 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																		

SCHEDULED Vs ACTUAL PROGRESS CHART OF PACKAGE - I

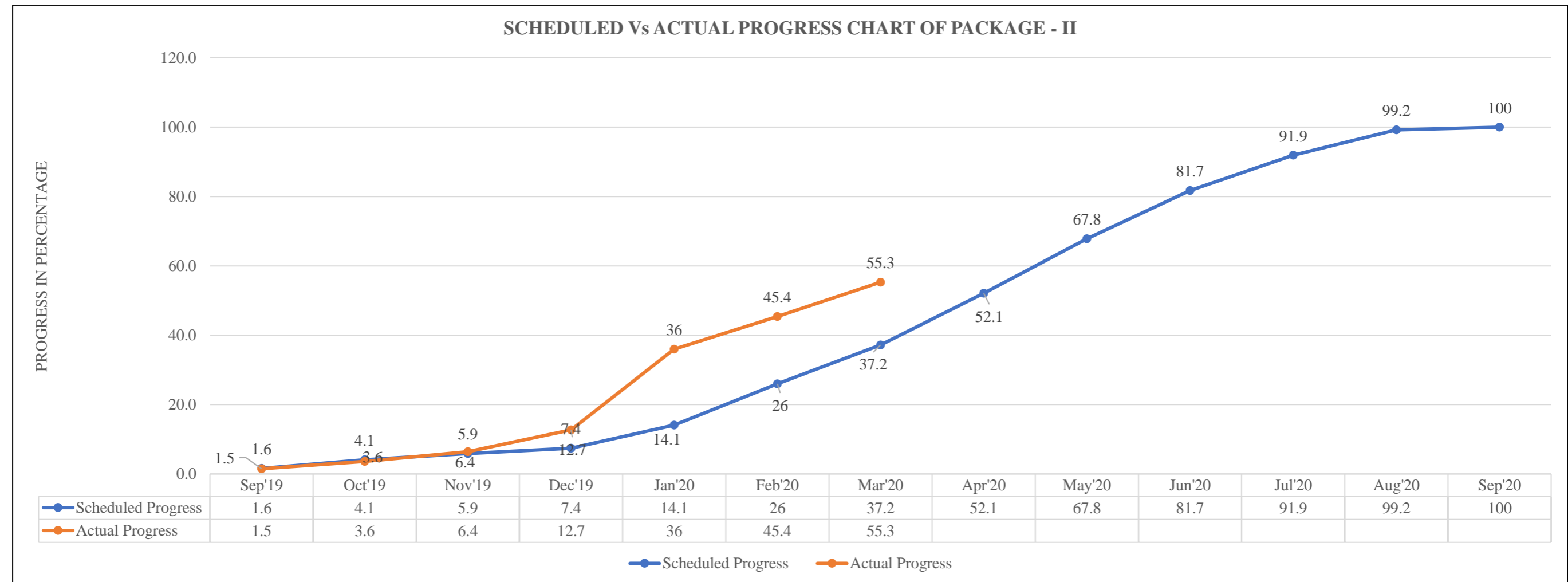


MONTHLY PROGRESS CHART OF PACKAGE – II

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.
Date of start as per work order	16 th September 2019
Date of completion as per work order	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						

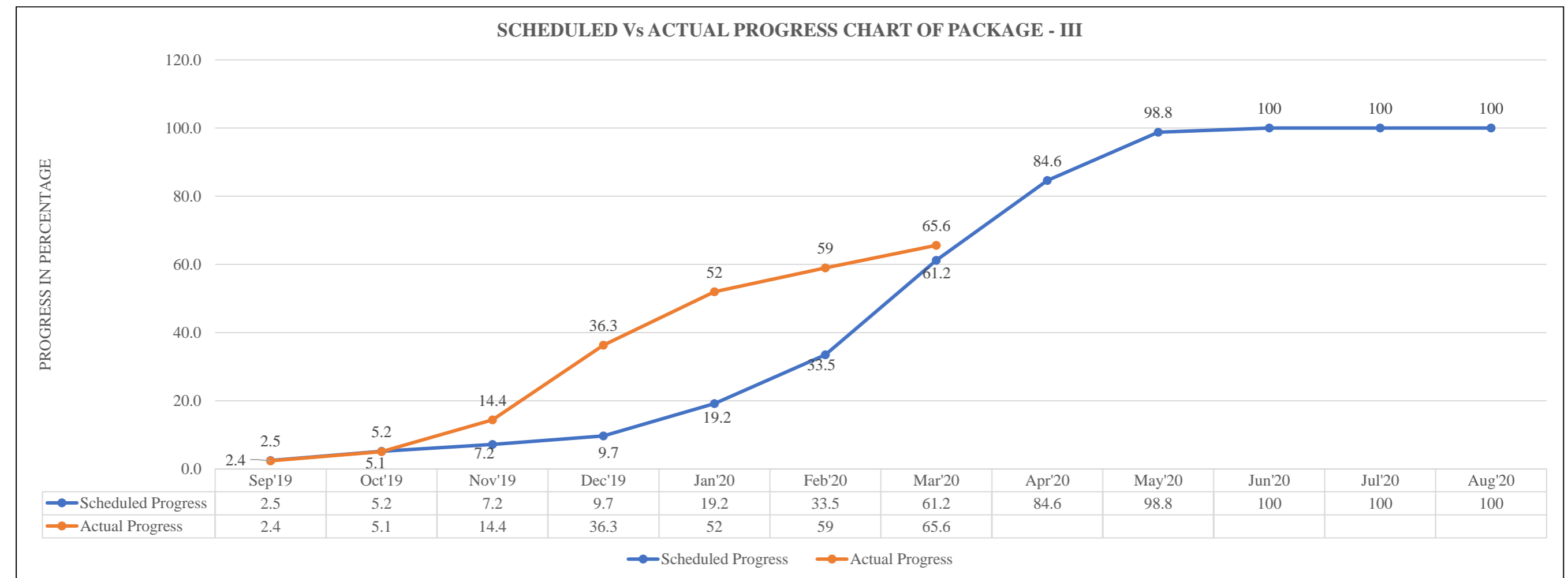


MONTHLY PROGRESS CHART OF PACKAGE – III

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.
Date of start as per work order	16 th September 2019
Date of completion as per work order	15 th March 2020
Extension of Assignment	30 th June 2020

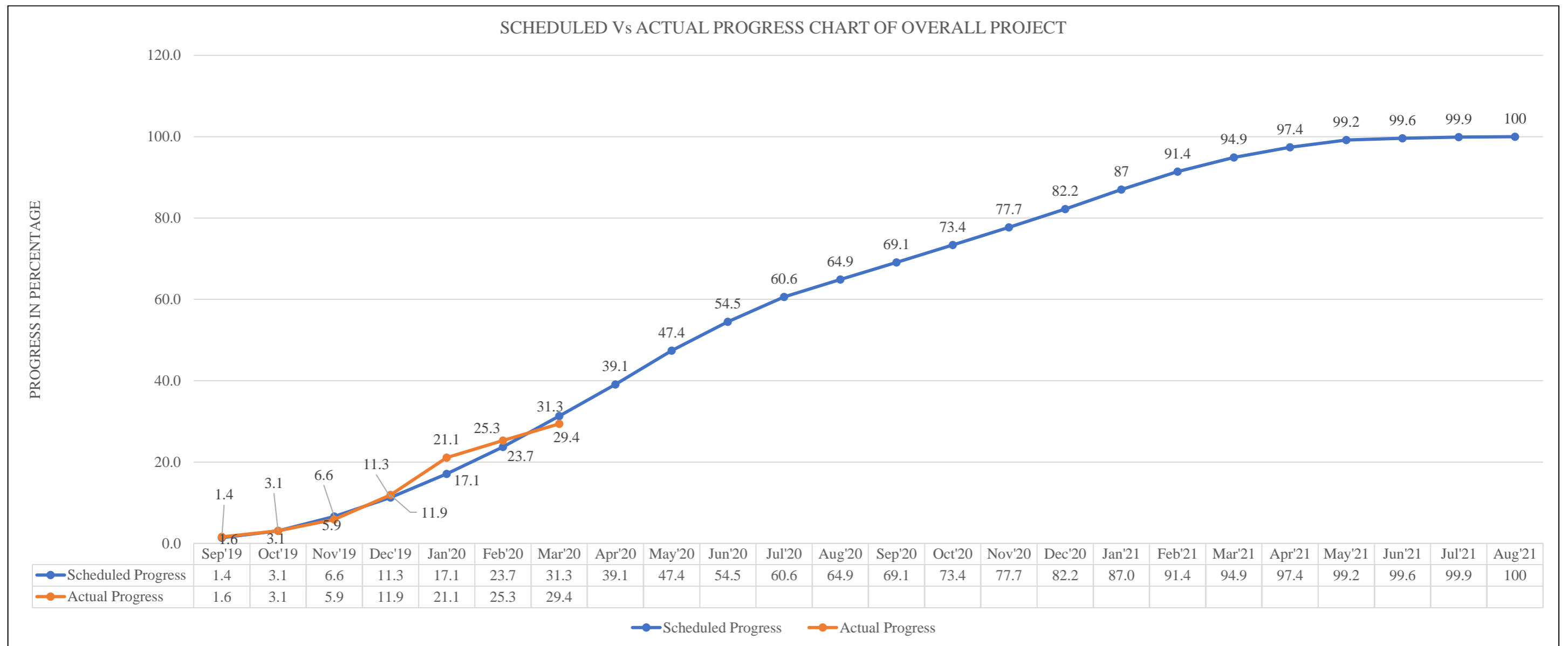
Schedule Vs Actual Physical Progress (Cumulative)

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					



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																	



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 Jhunsi 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 Jhunsi 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 on 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	16th 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		
Package 2	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 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 on 25 th March 2020.
	Milestone 2	26 th March 2020	30 th April 2020		
	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		

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 March' 2020

Sr. No.	Meeting with UPJN / NMCG / Appraisal agency	Date	Attendees	Description
1.	Meeting with Chief engineer At UPJN office (Jal Nigam).	2-March-2020	1.C.E – UPJN 2.P.M – PWPL 3.Sr. Engineer (O&M)-Aecom	Meeting regarding progress of work & pendency of design & drawing.
2.	Site inspection report of Naini -I & Naini-II STP	15-March-2020	1.P.M 1 – UPJN 2.P.M – PWPL 3.Sr. Engineer (O&M)-Aecom	Inspection regarding construction & Rehab work.
3.	Site inspection report of Salori STP & MPS	17-March-2020	1.P.M IV – UPJN 2.P.M – PWPL 3.Sr. Engineer (O&M)-Aecom	Inspection regarding Rehabilitation work.
4.	Site inspection report of Kodra & Ponghat STP	18-March-2020	1.P.M 1 – UPJN 2.P.M – PWPL 3.Sr. Engineer (O&M)-Aecom	Inspection regarding Rehabilitation work.

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"> Excavation work is in progress. 50 % Rubble soling completed.
NAINI -II			
2	FCR tank	01 No.	<ul style="list-style-type: none"> 50% Excavation work is completed.
3	Boundary wall	01 Lot	<ul style="list-style-type: none"> Construction is in under progress.
4	Staff Quarter	01 No.	<ul style="list-style-type: none"> 100 % Raft 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			
NUMAYADAH STP			
2	Bio tower	01 No.	<ul style="list-style-type: none"> Dewatering work is completed. Removal of Media is in progress.
3	Secondary clarifier	01 No.	<ul style="list-style-type: none"> Dewatering work is completed. Cleaning work is in progress.
4	Aeration tank	01 No.	<ul style="list-style-type: none"> Dewatering work is completed. Cleaning work is in progress.
5	Grit classifier	01 No.	<ul style="list-style-type: none"> Dewatering work is completed. Cleaning work is in progress.
KODRA STP			
6	Bio tower	01 No.	<ul style="list-style-type: none"> Dewatering work is completed. Removal of Media is in progress.
7	Secondary clarifier	01 No.	<ul style="list-style-type: none"> Dewatering work is completed. Cleaning work is in progress.
8	Aeration tank	01 No.	<ul style="list-style-type: none"> Dewatering work is completed. Cleaning work is in progress.
9	Grit classifier	01 No.	<ul style="list-style-type: none"> Dewatering work is completed. Cleaning work is in progress.
PONGHAT STP			
10	Bio tower	01 No.	<ul style="list-style-type: none"> Dewatering work is completed. Removal of Media is in progress.
11	Secondary clarifier	01 No.	<ul style="list-style-type: none"> Dewatering work is completed. Cleaning work is in progress.
12	Aeration tank	01 No.	<ul style="list-style-type: none"> Dewatering work is completed. Cleaning work is in progress.
13	Grit classifier	01No.	<ul style="list-style-type: none"> Dewatering work is completed. Cleaning work is in progress.
SALORI STP			
14	FAB reactor	01 No.	<ul style="list-style-type: none"> Rehabilitation Work is in progress.
15	Grit classifier	01 No.	<ul style="list-style-type: none"> Rehabilitation Work is in progress.
16	Clarissettler	01 No.	<ul style="list-style-type: none"> Rehabilitation Work is in progress.

8. Photos of Meetings / Site Visits and Activities

PACKAGE - I

PHAPHAMAU FACILITIES (DISTRICT -F)



FCR – Boulder pitching work in progress



FCR – Boulder pitching work in progress

NAINI FACILITIES (DISTRICT - G)



FCR – Excavation level checking by AECOM's engineer



Boundary wall – Construction work in progress

PACKAGE - III

SALORI FACILITIES (DISTRICT - C)



PLC Room – Layout marking work completed



PLC Room – Layout marking work completed



Sludge Dewatering – Excavation in progress

NUMAYADAHI FACILITIES (DISTRICT B)



Aeration Tank (Diffuser) - Flushing work in progress



Aeration Tank – De sludging work in progress

KODRA FACILITIES (DISTRICT E)



Bio Tower 2 –Media Replacement work in progress



Bio Tower 2 –Media Replacement work in progress

PONGHAT



PLC Room – Layout marking work completed



PLC Room – Excavation work in progress

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/NMCG/PRAYAG/208	1-Mar-20	Regarding rectification of discrepancies at Salori STP & Salori 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
2.	Via E - Mail	2-Mar-20	Submission of additional documents for LV Panel of 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
3.	Via E - Mail	2-Mar-20	Submission of Civil Drawings for Process Building Phaphamau	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/209	3-Mar-20	Regarding rectification of discrepancies at Numayadahi STP & Sasur Khaderi 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
5.	Via E - Mail	4-Mar-20	Submission of Naini II FCR Tank 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
6.	Via E - Mail	4-Mar-20	Revised FCR tank reinforcement detail drawings Phaphamau 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
7.	Via E - Mail	5-Mar-20	Submission of PLC Room civil drawings for Package II/III (Salori 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

8.	Via E - Mail	5-Mar-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
9.	Via E - Mail	5-Mar-20	Submission of PLC Room civil drawings for Package II/III (Ponghat 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
10.	Via E - Mail	5-Mar-20	Prayagraj – Submission of Bio Gas Engine Ancillaries Datasheet and document	The General Manager, Ganga Pollution Control Unit	1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj
11.	AIPL/NMCG/PRAYAG/211	5-Mar-20	Regarding non-starting of Construction work at site causing delay in Achieving Milestones.	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/212	5-Mar-20	Reg. Variation in length of Boundary Wall against Layout Drawing and Actual at site at Naini -II STP Site.	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/0211	12-Mar-20	Regarding Electrical Load List for Overall Package.	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	13-Mar-20	FEEP of Package-II Facilities (Naini-I Facilities and Rajapur 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
15.	Via E - Mail	13-Mar-20	FEEP of Package-III Facilities (Kodra Facilities, Numayadahi Facilities, Ponghat Facilities and Salori 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

16.	Via E - Mail	14-Mar-20	Notice for Completion of Payment Milestone of Package-II & 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
17.	Via E - Mail	16-Mar-20	Submission of drawings for Inlet Chamber Coarse Screen & Wet Well Shantipuram 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
18.	Via E - Mail	17-Mar-20	Revised FCR tank reinforcement detail drawings Phaphamau 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
19.	Via E - Mail	17-Mar-20	Submission of revised civil drawings PLC Room Salori (L169)	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	19-Mar-20	Submission of revised Civil Drawings for Process Building Phaphamau (L165)	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	19-Mar-20	Prayagraj STP Project – Submission of Civil Drawings for Process Building Phaphamau (part 2) L-138	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/213	19-Mar-20	Reg. Observations during site visit of Naini-II STP and Naini-STP Rehab site.	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.	AIPL/NMCG/PRAYAG/214	19-Mar-20	Visit report of Salori STP & Salori 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

24.	AIPL/NMCG/PRAYAG/215	19-Mar-20	Visit report of Kodra STP, Kodra MPS, Ponghat STP & Ponghat 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
25.	Via E - Mail	25-Mar-20	L-2 schedule & Payment milestones-Prayagraj Project	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.	Via E - Mail	25-Mar-20	Prayagraj STP Project - 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
27.	Via E - Mail	30-Mar-20	Submission of drawings for Inlet Chamber Coarse Screen & Wet Well Shantipuram 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
28.	Via E - Mail	31-Mar-20	Prayagraj STP Project - Submission of Solar System Report 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
29.	Via E - Mail	31-Mar-20	Prayagraj STP Project-Submission of Illumination Layout Basna Nala 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
30.	Via E - Mail	31-Mar-20	Prayagraj ST Project-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
31.	Via E - Mail	31-Mar-20	Submission of PLC Room civil drawings for Package II/III (Ponghat 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

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.	586/PWPL (ADANI)/76	2-Mar-20	Regarding approval of Data Sheet of Electromagnetic Flow meter & Ultrasonic Flow meter of Naini-I STP, Rajapur STP, Numayadahi STP, Salori STP, Kodra STP, Ponghat STP, Gaughat MPS, Kodra MPS, Chacharnala SPS, Momfordganj SPS, Naini-I STP & Rajapur STP in package II & III	Project Manager, Ganga Pollution control unit
2.	587/PWPL (ADANI)/77	2-Mar-20	Regarding approval of Data Sheet, G.A Drawing, CS Drawing & Performance curve of screw pumps for Naini-I	Project Manager, Ganga Pollution control unit
3.	PWPL/UPJN/PM CG/139/20	2-Mar-20	Submission of Interim Availability	Project Manager, Ganga Pollution control unit
4.	PWPL/UPJN/PM CG/140/20	2-Mar-20	submission of drawing for inlet chamber coarse screen & wet well Shantipuram MPS	Project Manager, Ganga Pollution control unit
5.	PWPL/UPJN/PM CG/141/20	2-Mar-20	submission of revised sludge dewatering unit at Salori STP	Project Manager, Ganga Pollution control unit
6.	PWPL/UPJN/PM CG/142/20	2-Mar-20	submission of revised civil drawing for security room at Naini-II	Project Manager, Ganga Pollution control unit
7.	PWPL/UPJN/PM CG/143/20	2-Mar-20	Regarding approval of Vendor for HT Panel Extension	Project Manager, Ganga Pollution control unit
8.	PWPL/UPJN/PM CG/144/20	2-Mar-20	Submission of Jhusi Bio module QC documents	Project Manager, Ganga Pollution control unit
9.	PWPL/UPJN/PM CG/148/20	2-Mar-20	Submission of amendment to repayment schedule in FA	Project Manager, Ganga Pollution control unit
10.	PWPL/UPJN/PM CG/149/20	2-Mar-20	submission of SCADA Room Civil drawing for Naini-I STP	Project Manager, Ganga Pollution control unit
11.	588/PWPL (ADANI)/78	2-Mar-20	Regarding approval of SLD of PDB & PCC for Salori STP in package III	Project Manager, Ganga Pollution control unit
12.	589/PWPL (ADANI)/79	2-Mar-20	Regarding approval of Chlorination room modification of Salori STP of package III and Numeration and	Project Manager, Ganga Pollution control unit

Sr. No.	Transmittal/Ref No	Date	Description	From
			R.C. details of manholes (Basana Nala SPS to Phaphamau SPT)	
13.	PWPL/UPJN/PM CG/147/20	3-Mar-20	Submission of revised GA drawings of Shantipuram MPS	Project Manager, Ganga Pollution control unit
14.	PWPL/UPJN/PM CG/150/20	3-Mar-20	submission of revised sludge dewatering building at Naini-I STP	Project Manager, Ganga Pollution control unit
15.	PWPL/UPJN/PM CG/151/20	3-Mar-20	submission of revised civil drawings for Phaphamau STP/foundation layout/Raft/FCR	Project Manager, Ganga Pollution control unit
16.	PWPL/UPJN/PM CG/152/20	3-Mar-20	submission of Civil drawings for PLC Room Ponghat	Project Manager, Ganga Pollution control unit
17.	PWPL/UPJN/PM CG/154/2020	4-Mar-20	Prayagraj STP Project - Submission of Revised Civil Drawings Dewatering Rajapur	Project Manager, Ganga Pollution control unit
18.	613/PWPL (ADANI)/81	5-Mar-20	Regarding Partial & Full Shutdown of various STP and its associated infrastructure during rehabilitation work under PPP model (HAM) project of NMCG in package II & III	Project Manager, Ganga Pollution control unit
19.	620/PWPL (ADANI)/83	5-Mar-20	Regarding approval of Guaranteed Interim Availability for all facilities in package II & III	Project Manager, Ganga Pollution control unit
20.	PWPL/UPJN/PM CG/146/20	6-Mar-20	Submission of supporting documents for 1st Milestone completion of Package-II & III	Project Manager, Ganga Pollution control unit
21.	PWPL/UPJN/PM CG/153/20	6-Mar-20	Submission of CRS for MBBR salori	Project Manager, Ganga Pollution control unit
22.	PWPL/UPJN/PM CG/155/20	6-Mar-20	Submission of CRS for submersible pumps for Package-II & III	Project Manager, Ganga Pollution control unit
23.	PWPL/UPJN/PM CG/157/20	6-Mar-20	Submission of Mahewaghat SPS revised GA drawings	Project Manager, Ganga Pollution control unit
24.	640/PWPL (ADANI)/84	7-Mar-20	Regarding approval of GA, SLD & Schematic Diagram of MV Panel for Naini-I & Salori STP in Package II & III	Project Manager, Ganga Pollution control unit
25.	641/PWPL (ADANI)/85	7-Mar-20	Regarding approval of Data Sheet of MV Panel for Naini -I & Salori STP in package II & III	Project Manager, Ganga Pollution control unit
26.	642/PWPL (ADANI)/86	7-Mar-20	Regarding approval of Data Sheet of Grit Mechanism & Thicknar for Naini-STP & Salori STP in package II & III	Project Manager, Ganga Pollution control unit

Sr. No.	Transmittal/Ref No	Date	Description	From
27.	PWPL/UPJN/PM CG/159/20	7-Mar-20	Development and Rehabilitation of Sewage Treatment Plants and Associated Infrastructure at Prayagraj, Uttar Pradesh on PPP Basis	Project Manager, Ganga Pollution control unit
28.	PWPL/UPJN/PM CG/160/2020	7-Mar-20	Prayagraj STP Project - Submission of revised Civil Drawings for Basna Nala SPS	Project Manager, Ganga Pollution control unit
29.	PWPL/UPJN/PM CG/161-2020	9-Mar-20	Prayagraj STP Project – Submission of Naini II Process Building Civil Drawings	Project Manager, Ganga Pollution control unit
30.	PWPL/UPJN/PM CG/164/20	9-Mar-20	Development and Rehabilitation of Sewage Treatment Plants and Associated Infrastructure at Prayagraj, Uttar Pradesh on PPP Basis	Project Manager, Ganga Pollution control unit
31.	PWPL/UPJN/PM CG/167/20	11-Mar-20	Submission of revised documents – Basna Nalla SPS Type – I Staff quarters	Project Manager, Ganga Pollution control unit
32.	PWPL/UPJN/PM CG/156/20	12-Mar-20	Submission of Mawaiya drain SPS revised Piping & GA Drawing	Project Manager, Ganga Pollution control unit
33.	PWPL/UPJN/PM CG/161/20	12-Mar-20	Submission of Naini II Process Building Civil Drawings	Project Manager, Ganga Pollution control unit
34.	PWPL/UPJN/PM CG/162/20	12-Mar-20	Submission of Revised Civil Drawing of Phaphamau Security Cabin	Project Manager, Ganga Pollution control unit
35.	PWPL/UPJN/PM CG/163/20	12-Mar-20	Regarding extension of The Effective Date for Jhunsi STP & Associated Facilities	Project Manager, Ganga Pollution control unit
36.	PWPL/UPJN/PM CG/165/20	12-Mar-20	Submission of Civil Drawings for Process Building Phaphamau	Project Manager, Ganga Pollution control unit
37.	PWPL/UPJN/PM CG/168/20	12-Mar-20	Submission of GA Drawings of Jhunsi MPS	Project Manager, Ganga Pollution control unit
38.	PWPL/UPJN/PM CG/166/20	13-Mar-20	Submission of Revised Civil Drawings Phaphamau STP/ Raft/FCR	Project Manager, Ganga Pollution control unit
39.	PWPL/UPJN/PM CG/169/20	13-Mar-20	Submission of revised Civil Drawing for PLC Room at Salori	Project Manager, Ganga Pollution control unit
40.	PWPL/UPJN/PM CG/170/20	13-Mar-20	Submission of GA Drawings for Shastribridge SPS	Project Manager, Ganga Pollution control unit
41.	PWPL/UPJN/PM CG/171/20	13-Mar-20	Submission of Bio Gas Engine Ancillaries revised Datasheet and document	Project Manager, Ganga Pollution control unit

Sr. No.	Transmittal/Ref No	Date	Description	From
42.	PWPL/UPJN/PM CG/172/20	13-Mar-20	Prayagraj STP Project – Submission of Naini II Process Building Civil Drawings	Project Manager, Ganga Pollution control unit
43.	PWPL/UPJN/PM CG/173/20	16-Mar-20	Submission of Civil Drawings PLC Room Ponghat	Project Manager, Ganga Pollution control unit
44.	PWPL/UPJN/PM CG/174/20	16-Mar-20	Submission of Naini II FCR Tank Civil Drawings	Project Manager, Ganga Pollution control unit
45.	PWPL/UPJN/PM CG/175/2020	16-Mar-20	Prayagraj STP Project - Submission of Monthly Progress Report for Feb 2020	Project Manager, Ganga Pollution control unit
46.	PWPL/UPJN/PM CG/177/20	18-Mar-20	Submission of Techno-Commercial Proposal for Additional 5 (five) Sewage Pumping Stations	Project Manager, Ganga Pollution control unit
47.	PWPL/UPJN/PM CG/178/20	16-Mar-20	Submission of Gas Holder Foundation Design and drawing Naini I	Project Manager, Ganga Pollution control unit
48.	PWPL/UPJN/PM CG/179/20	18-Mar-20	Submission of Battery Charger document for Naini-I STP	Project Manager, Ganga Pollution control unit
49.	PWPL/UPJN/PM CG/180/20	18-Mar-20	Submission of documents for Gas Mixing System Naini I	Project Manager, Ganga Pollution control unit
50.	PWPL/UPJN/PM CG/181/20	18-Mar-20	Submission of Naini I Gas Engine revised Documents	Project Manager, Ganga Pollution control unit
51.	PWPL/UPJN/PM CG/182/20	18-Mar-20	Submission of Lighting Layout Staff Quarters Type II	Project Manager, Ganga Pollution control unit
52.	PWPL/UPJN/PM CG/183/20	18-Mar-20	Submission of Illumination Layout Basna Nala SPS	Project Manager, Ganga Pollution control unit
53.	PWPL/UPJN/PM CG/184/20	18-Mar-20	Submission of CRS for Tube Settler Salori STP	Project Manager, Ganga Pollution control unit
54.	PWPL/UPJN/PM CG/186/20	18-Mar-20	Submission of Civil Drawings PLC Room Ponghat	Project Manager, Ganga Pollution control unit
55.	PWPL/UPJN/PM CG/187/20	18-Mar-20	Submission of Floor Plan GA Drawings Jhunsu STP	Project Manager, Ganga Pollution control unit
56.	PWPL/UPJN/PM CG/188/20	18-Mar-20	Submission of CRS for Solar Project Report for Package II/III	Project Manager, Ganga Pollution control unit
57.	PWPL/UPJN/PM CG/189/2020	24-Mar-20	Prayagraj STP Project - Submission of Valve documents for Package II/III	Project Manager, Ganga Pollution control unit

Sr. No.	Transmittal/Ref No	Date	Description	From
58.	PWPL/UPJN/PM CG/200/20	18-Mar-20	Notice of Force Majeure Event - COVID-19/Approval of documents	Project Manager, Ganga Pollution control unit
59.	688/PWPL (ADANI)/91	19-Mar-20	Prayagraj STP Project-Submission of revised civil drawings PLC Room Salori (L169)	Project Manager, Ganga Pollution control unit
60.	691/PWPL (ADANI)/92	19-Mar-20	Regarding approval of Boundary wall for Basna Nala SPS of Package I	Project Manager, Ganga Pollution control unit
61.	PWPL/UPJN/PM CG/185/20	19-Mar-20	Notice of Force Majeure Event - COVID-19	Project Manager, Ganga Pollution control unit
62.	694/PWPL (ADANI)/93	19-Mar-20	Reimbursement of CTO & CTE renewal fee under Package-I, II & III at Prayagraj site	Project Manager, Ganga Pollution control unit
63.	707/PWPL (ADANI)/94	20-Mar-20	Regarding Certify of Electricity Bill for the Month of February-2020	Project Manager, Ganga Pollution control unit
64.	PWPL/UPJN/PM CG/158/20	20-Mar-20	Regarding vendor approval of Disc-Filter Press (Screw Press) for Package I	Project Manager, Ganga Pollution control unit
65.	PWPL/UPJN/PM CG/160/20	20-Mar-20	Submission of revised Civil Drawings for Basna Nala SPS	Project Manager, Ganga Pollution control unit
66.	PWPL/UPJN/PM CG/167/20	20-Mar-20	Submission of Basna Nala SPS Staff Quarter Drawings	Project Manager, Ganga Pollution control unit
67.	PWPL/UPJN/PM CG/189/20	24-Mar-20	Submission of Valve documents for Package II/III	Project Manager, Ganga Pollution control unit
68.	PWPL/UPJN/PM CG/190/20	28-Mar-20	Prayagraj STP Project - Submission of Jhansi STP FCR Tank Civil Drawings	Project Manager, Ganga Pollution control unit
69.	PWPL/UPJN/PM CG/191/20	28-Mar-20	Submission of Jhansi STP FCR Tank Civil Drawings	Project Manager, Ganga Pollution control unit
70.	PWPL/UPJN/PM CG/192/20	28-Mar-20	Submission of Earthing Layout Basna Nalla SPS	Project Manager, Ganga Pollution control unit
71.	F.No: .No:T-12/2014-15/922/NMCG	28-Mar-20	Guidelines for implementation of HAM projects during the lock down period from 25th March 2020-15th April 2020	Project Manager, Ganga Pollution control unit
72.	PWPL/UPJN/PM CG/193/20	30-Mar-20	Approval of document's during Lockdown	Project Manager, Ganga Pollution control unit
73.	717/PWPL/Adani/100	31-Mar-20	Regarding leakage rectification work in rising main from Ghagharnall MPS to Numayadahi STP	Project Manager, Ganga Pollution control unit

11. EHS targets, Achievement & compliance report for the month of March' 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 March -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	77000	594058	Safe man hour
3	Lost time (no of working days)	-	-	-	No LTI
4	Number of on Job training	10 Nos	8 Nos	67 Nos	SRFA, LSSR Working at height
5	Number of People trained	70 Nos	60 Nos	790 Nos	
6	HSE committee minutes of meeting	01 Nos	-	07 Nos	
7	HSE inspection/ Round / Visit, Equipment Inspection etc.	8 Nos	6 Nos	69 Nos	

12. Status of statutory permits:

Sr. No.	Applicable Permit	Authority	Quantity	Remarks
Phaphmau 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. Jhansi 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