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Town wise Revised Action Plan for polluted River Stretches in the State of Bihar

Original application No: 200/2014

(Matter : M.C. Mehta Vs Union of India & Orgs)

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SYNOPSIS

In the matter of Original Application No. 200/2014, Before The National Green Tribunal Principal Bench, New Delhi

(Hearing Date: 12.12.2019)

In above matter Action plan/ report related to the state of Bihar is illustrated below:-

I. Urban Development and Housing Department

In the context of Bihar, the rivers/ towns related to polluted stretches have been identified as follow:-

S.No	Name of the River	Name of the Towns
1.	Ganga	1. Patna A.(Phulwarishariff) 2. Maner 3. Danapur 4. Bakhtiyarpur 5. Barh 6. Mokama 7. Munger 8. Sultanganj 9. Bhagalpur 10. Buxar 11. Barahiya 12. Jamalpur 13. Kahalgaon 14. Chhapra 15. Sonapur 16. Hajipur 17. Begusarai 18. Khagaria 19. Naugachhiya 20. Dighwara 21. Teghra 22. Manihari
2.	Punpun	Fatuha
3.	Ramrekha	Hari Nagar (Ramnagar)
4.	Sikrahana	Narkatiaganj
5.	Sirsa	Raxaul
6.	Parmar	Jogbani

1. River Ganga

The river Ganga is the most important and religious river of India. Ganga is a Himalayan River and is passes through five states such as Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and West Bengal in a length of 2500 Km. In Bihar, it enters at Chausa (Buxar District) and travels a distance 445 km up to Manihari (Katihar District). At the entry point of Bihar the discharge of the river Ganga is approximately 400 cumecs and it becomes approximately 1600 cumecs when the river leaves Bihar. The Ongoing/ Proposed actions in the stretch of river Ganga are as follow:-

A. Liquid Waste Management:-

A total **26** sewerage infrastructure projects sanctioned at a cost of **Rs 5089.82** Crore which are at various stages of implementation in towns namely Patna (11 projects), Begusarai, Munger, Hajipur, Mokama, Sultanganj, Naugachia, Barh, Bhagalpur, Sonapur, Chhapra, Khagaria, Bakhtiyarpur, Maner, Danapur and Phulwarishariff. These projects will facilitate in treatment of **616.5 MLD** of sewage through creation/rehabilitation of STPs, sewerage network and allied Interception and diversion works.

- **16 projects** (Beur STP, Beur Sewerage Network, Saidpur STP & Adjoining Network, Saidpur Sewerage Network, Karmalichak STP, Karmalichak Sewerage Network, Pahari STP, Pahari Zone-IV A (South), Pahari Zone V, Sultanganj, Mokama, Sonapur, Barh, Naugachhiya, Bakhtiyarpur and Maner) are under implementation
- LOA has been issued for **2 projects** (Digha, Kankarbagh) and **10 projects** (Munger, Hajipur, Bhagalpur, Begusarai, Chhapra, Khagaria,

Munger and Fatua, Danapur, Phulwarishariff in one package) are under tendering stages.

- In addition, revised estimate of 1 project (Buxar) is under process.
- Total 126 Nallas in the Ganga towns in which 124 Nallas has been screened. Rest 2 Nallas screening not required.

(Progress Report as Annex-1 Page 41 to 48)

B. Solid Waste Management (SWM):-

Availability of Land for Processing Activity	Total sites required decentralized or centralized Solid waste processing activity	64
	Site available with ULB for Solid waste processing activity	48
Construction of Compost Pits for Processing of Wet Waste	Nos of sites in which construction of Pit started	27
	Nos of sites in which construction of Pit completed	9
Status of Primary Collection Vehicles and Door to Door Collection	Total Nos of wards	732
	Nos Tricycle/ Pushcart available for Door to Door Collection	1353
	Nos Auto Tippers/ E-rickshaw available for Door to Door Collection	441
	Nos of Wards Door to Door Collection	726
Segregation at Source (Wet & Dry waste)	Distribution of Household bins for segregation of Wet & Dry waste	Yes (except Patna)
	Nos of Wards started segregation at source	228
Composting Activity	Nos of sites (in which composting started)	27
Land Availability for Sanitary Landfill facility	Land Availability	22
	NOC Awaited	1

(Refer Annexure ii on Page 49 & 50)

C. Plastic Waste Management (PWM):-

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **respective ULB Plastic Waste Management Byelaws, 2018**.

44765 Nos shops or establishment have been raided and fine for Rs 2128095.00 has been collected. 9869.86 Kg of plastic carry bags were also seized.

(Refer Annexure iii on Page 53 to 56)

D. Open Defecation Free (ODF):-

- Total Target – 99211Nos (Individual Household Latrine- 87271 and Community Toilet/Mobile Toilet- 11940). Total 94132 Nos (94.88%) achieved.
- ODF declared in **17 towns**(Barh, Hajipur, Sonapur, Mokama, Bakhtiyarpur, Teghra, Maner, Barhiya, Manihari, Buxar, Naugachia, Danapur, Dighwara, Jamalpur, Munger, Begusarai and Bhagalpur). ODF are under process in **5 towns**(Patna, Chhapra, Sultanganj, Khagariya and Kahalgaon).

(Refer Annexure iv on Page 57 to 58)

2. River Punpun

The Punpun originates on the Chota Nagpur Plateau, at an elevation of 300 meters; the river mostly flows in a north-east direction and joins the Ganges at Fatuha, 25 kilometers downstream of Patna.

A. Liquid Waste Management:-

There are 7 Nallas in town. All Nallas have been screened. Presently, there is no sewerage system. A scheme comprising I&D and STP of 7 MLD capacity has been approved for Rs. 35.49 Cr. AA & ES has been obtained. The scheme will cater all Nallas.

B. Solid Waste Management (SWM):-

Availability of Land for Processing Activity	Total sites required decentralized or centralized Solid waste processing activity	2
	Site available with ULB for Solid waste processing activity	2
Construction of Compost Pits for Processing of Wet Waste	Nos of sites in which construction of Pit started	0
	Nos of sites in which construction of Pit completed	0
Status of Primary Collection Vehicles and Door to Door Collection	Total Nos of wards	27
	Nos Tricycle/ Pushcart available for Door to Door Collection	10
	Nos Auto Tippers/ E-rickshaw available for Door to Door Collection	3
	Nos of Wards Door to Door Collection	27
Segregation at Source (Wet & Dry waste)	Distribution of Household bins for segregation of Wet & Dry waste	Yes
	Nos of Wards started segregation at source	0
Composting Activity	Nos of sites (in which composting started)	0
Land Availability for Sanitary Landfill facility	Land Availability	In Progress

(Refer Annexure ii on Page no-50)

C. Plastic Waste Management (PWM):-

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Fatuha Nagar Parishad Plastic Waste Management Byelaws, 2018**.

832 Nos shops or establishment have been raided and fine for Rs 42700.00 has been collected. 74 Kg of plastic carry bags were also seized.

(Refer Annexure iii on Page no-53)

D. Open Defecation Free (ODF):-

- Total Target – 1440 Nos (Individual Household Latrine- 1290 and Community Toilet/Mobile Toilet- 150). Target 100% achieved.
- ODF Declared & QCI have submitted report on 31/07/2018.

(Refer Annexure iv on Page no-39 & 59)

3. River Ramrekha

A. Liquid Waste Management:-

There is no sewage project in this town. To cater all Nallas a DPR for I&D with STP is under preparation. It will be prepared by December, 2019 and will be sent to NMCG for approval. After approval of DPR the work will be completed by June, 2021.

B. Solid Waste Management (SWM):-

Availability of Land for Processing Activity	Total sites required decentralized or centralized Solid waste processing activity	2
	Site available with ULB for Solid waste processing activity	2
Construction of Compost Pits for Processing of Wet Waste	Nos of sites in which construction of Pit started	1
	Nos of sites in which construction of Pit completed	0
Status of Primary Collection Vehicles and Door to Door Collection	Total Nos of wards	23
	Nos Tricycle/ Pushcart available for Door to Door Collection	26
	Nos Auto Tippers/ E-rickshaw available for Door to Door Collection	3
	Nos of Wards Door to Door Collection	23
Segregation at Source (Wet & Dry waste)	Distribution of Household bins for segregation of Wet & Dry waste	Yes
	Nos of Wards started segregation at source	0
Composting Activity	Nos of sites (in which composting started)	0
Land Availability for Sanitary Landfill facility	Land Availability	Yes

(Refer Annexure ii on Page no -50)

C. Plastic Waste Management (PWM):-

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Ramnagar Nagar Panchayat Plastic Waste Management Byelaws, 2018**. 478 Nos shops or establishment have been raided and fine for Rs 12800.00 has been collected. 9.6 Kg of plastic carry bags were also seized.

(Refer Annexure iii on Page no-54)

D. Open Defecation Free (ODF):-

- i. Total Target – 4257 Nos (Individual Household Latrine- 4025 and Community Toilet/Mobile Toilet- 232). Total 4095 Nos (96.19%) achieved.
- ii. ODF is under process.

(Refer Annexure iv on Page no-39 & 59)

4. River Sikrahana

The Burhi Gandak River is a tributary of the Ganges. It is known as Sikrahana in its upper reaches. The Burhi Gandak originates from Chautarwa Chaur near Bisambharpur in the district of West Champaran in Bihar. It initially flows through the East Champaran district. After flowing for a distance of about 56 km, the river

takes a southerly turn where two rivers - the Dubhara and the Tour – join it. Thereafter, the river flows in a south-easterly direction through the Muzaffarpur district for about 32 km. The total length of the river is 320 km. The drainage area of the river is 10,150 sq. km.

A. Liquid Waste Management:-

There is no sewage project in this town. To cater all Nallas a DPR for I&D with STP is under preparation. It will be prepared by Dec, 2019 and will be sent to NMCG for sanction. After approval of DPR the work will be completed by June, 2021.

B. Solid Waste Management (SWM):-

Availability of Land for Processing Activity	Total sites required decentralized or centralized Solid waste processing activity	4
	Site available with ULB for Solid waste processing activity	4
Construction of Compost Pits for Processing of Wet Waste	Nos of sites in which construction of Pit started	1
	Nos of sites in which construction of Pit completed	0
Status of Primary Collection Vehicles and Door to Door Collection	Total Nos of wards	25
	Nos Tricycle/ Pushcart available for Door to Door Collection	27
	Nos Auto Tippers/ E-rickshaw available for Door to Door Collection	4
	Nos of Wards Door to Door Collection	25
Segregation at Source (Wet & Dry waste)	Distribution of Household bins for segregation of Wet & Dry waste	Yes
	Nos of Wards started segregation at source	2
Composting Activity	Nos of sites (in which composting started)	0
Land Availability for Sanitary Landfill facility	Land Availability	Yes

(Refer Annexure ii on Page no- 50)

C. Plastic Waste Management (PWM):-

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Narkatiaganj Nagar Parishad Plastic Waste Management Byelaws, 2018.**

197 Nos shops or establishment have been raided and fine for Rs 36800.00 has been collected. 36 Kg of plastic carry bags were also seized.

(Refer Annexure iii on Page no-54)

D. Open Defecation Free (ODF):-

- i. Total Target – 1377 Nos (Individual Household Latrine- 945 and Community Toilet/Mobile Toilet- 432). Target 100% achieved.
- ii. ODF is under process.

(Refer Annexure iv on Page no-39 & 59)

5. River Sirsa

A. Liquid Waste Management:-

There is no sewage project in this town. To cater all Nallas a DPR for I&D with STP is under preparation. It will be prepared by Dec, 2019 and will be sent to

NMCG for sanction. After approval of DPR the work will be completed by June, 2021.

B. Solid Waste Management (SWM):-

Availability of Land for Processing Activity	Total sites required decentralized or centralized Solid waste processing activity	1
	Site available with ULB for Solid waste processing activity	1
Construction of Compost Pits for Processing of Wet Waste	Nos of sites in which construction of Pit started	1
	Nos of sites in which construction of Pit completed	0
Status of Primary Collection Vehicles and Door to Door Collection	Total Nos of wards	25
	Nos Tricycle/ Pushcart available for Door to Door Collection	50
	Nos Auto Tippers/ E-rickshaw available for Door to Door Collection	5
	Nos of Wards Door to Door Collection	25
Segregation at Source (Wet & Dry waste)	Distribution of Household bins for segregation of Wet & Dry waste	Yes
	Nos of Wards started segregation at source	2
Composting Activity	Nos of sites (in which composting started)	0
Land Availability for Sanitary Landfill facility	Land Availability	Yes

(Refer Annexure ii on Page no-50)

C. Plastic Waste Management (PWM):-

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Raxaul Nagar Parishad Plastic Waste Management Byelaws, 2018.**

695 Nos shops or establishment have been raided and fine for Rs 66100.00 has been collected. 774.7 Kg of plastic carry bags were also seized.

(Refer Annexure iii on Page no-54)

D. Open Defecation Free (ODF):-

- i. Total Target – 1197 Nos (Individual Household Latrine- 922 and Community Toilet/Mobile Toilet- 275). Total 1032 Nos (100%) achieved.
- ii. ODF Declared & QCI have submitted report on 11/08/2018.

(Refer Annexure iv on Page no-39 & 59)

6. River Parmar

A. Liquid Waste Management:-

There is no sewage project in this town. To cater all Nallas a DPR for I&D with STP is under preparation. It will be prepared by Dec, 2019 and will be sent to NMCG for sanction. After approval of DPR the work will be completed by June, 2021.

B. Solid Waste Management (SWM):-

Availability of Land for Processing Activity	Total sites required decentralized or centralized Solid waste processing activity	2
	Site available with ULB for Solid waste processing activity	1

Construction of Compost Pits for Processing of Wet Waste	Nos of sites in which construction of Pit started	0
	Nos of sites in which construction of Pit completed	0
Status of Primary Collection Vehicles and Door to Door Collection	Total Nos of wards	19
	Nos Tricycle/ Pushcart available for Door to Door Collection	38
	Nos Auto Tippers/ E-rickshaw available for Door to Door Collection	2
	Nos of Wards Door to Door Collection	19
Segregation at Source (Wet & Dry waste)	Distribution of Household bins for segregation of Wet & Dry waste	Yes
	Nos of Wards started segregation at source	19
Composting Activity	Nos of sites (in which composting started)	0
Land Availability for Sanitary Landfill facility	Land Availability	In Progress

(Refer Annexure ii on Page no-50)

C. Plastic Waste Management (PWM):-

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Jogbani Nagar Panchayat Plastic Waste Management Byelaws, 2018.**

258 Nos shops or establishment have been raided and fine for Rs 27300.00 has been collected. 33.7 Kg of plastic carry bags were also seized.

(Refer Annexure iii on Page no-55)

D. Open Defecation Free (ODF):-

- Total Target – 1988Nos (Individual Household Latrine- 1550 and Community Toilet/Mobile Toilet- 438). Total 1988Nos (100%) achieved.
- ODF Declared & QCI have submitted report on 08/09/2018.

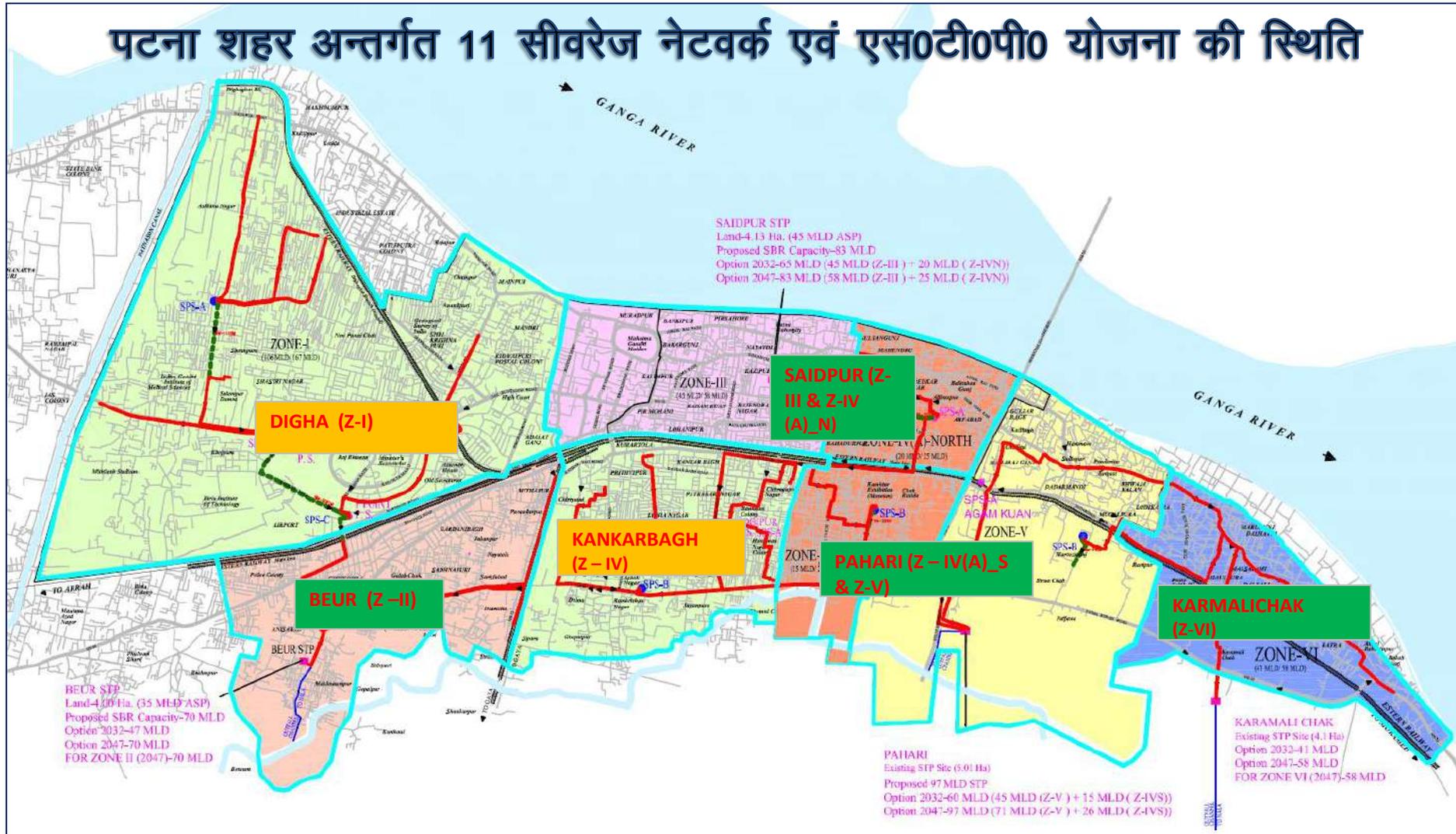
(Refer Annexure iv on Page no-39 & 59)

In addition to above DPR for liquid waste management for 15 towns situated on tributaries of river Ganga are also under preparation. The list is as follows:

S.No	Name of River	Name of Towns
1.	Sone	Dehri, Arwal and Daudnagar
2.	BurhiGandak	Muzzafarpur, Samastipur and Motihari
3.	Kosi	Supaul, Saharsa and Madhepura
4.	Bagmati	Darbhanga
5.	Gandak	Gopalganj and Bagaha
6.	Mahananda	Kishanganj
7.	Kiul	Lakhisarai and Jamui

PATNA TOWN DIVIDED INTO SIX ZONES

पटना शहर अन्तर्गत 11 सीवरेज नेटवर्क एवं एस0टी0पी0 योजना की स्थिति



Compliance report in terms of progress in quarter related to Status of STPs in State of Bihar

S.No		Targets to be achieved as per orders dated 10.12.2015,13.07.2017 and 22.08.2019 and the timelines	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed	Action taken or suggested for violation of timelines or non- achieving of targets
I	Ganga River				
1.	Patna:				
(a)	Pahari STP	As per agreement date of completion 9/11/2020	-		
(b)	Pahari Sewerage Network Zone IV_A(S)	As per agreement date of completion 28/02/2021	Target date of completion Dec, 2020		
(c)	Pahari Sewerage Network Zone V	As per agreement date of completion 25/04/2021	Target date of completion Dec, 2020		
(d)	Beur STP	As per agreement date of completion 5/10/2019	Date for completion Dec, 2019		
(e)	Beur Sewerage Network	As per agreement date of completion 5/4/2020	-		
(f)	Karmalichak STP	As per agreement date of completion 5/10/2019	Date for completion Dec, 2019		
(g)	Karmalichak Sewerage Network	As per agreement date of completion 20/05/2021	Target date of completion Dec, 2020		
(h)	Saidpur STP & Adjoining Network	As per agreement date of completion 5/4/2020	Date for completion Jan, 2020		
(i)	Saidpur Sewerage Network	As per agreement date of completion 29/01/2020	Target date of completion Dec, 2020		
(j)	Digha STP and Sewerage Scheme	Target date of completion Dec, 2022	-	Agreement has not been done	
(k)	Kankarbagh STP and Sewerage Scheme	Target date of completion Dec, 2022	-	Agreement has not been done	
(l)	Phulwarishariff I&D and STP	Target date of completion June, 2021	-	Tender under process	

Compliance report in terms of progress in quarter related to Status of STPs in State of Bihar

S.No		Targets to be achieved as per orders dated 10.12.2015,13.07.2017 and 22.08.2019 and the timelines	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed	Action taken or suggested for violation of timelines or non-achieving of targets
2	Sultanganj I&D and STP	As per agreement date of completion Dec, 2019	Proposal for completion Dec, 2020		
3.	Barh I&D and STP	As per agreement date of completion January, 2020	Proposal for completion Dec, 2020		
4.	Naugachhia I&D and STP	As per agreement date of completion January, 2020	Proposal for completion Dec, 2020		
5.	Mokama I&D and STP	As per agreement date of completion June, 2020	Proposal for completion Dec, 2020		
6	Sonepur I&D and STP	As per agreement date of completion Feb, 2020	Proposal for completion Dec, 2020		
7.	Maner I&D and STP	As per agreement date of completion Dec, 2020	-		
8	Bakhtiyarpur I&D and STP	As per agreement date of completion Dec, 2020	-		
9.	Bhagalpur I&D and STP	Target date of completion Dec, 2021	-	Tender under process	
10.	Hajipur STP and Sewer Network	Target date of completion Dec, 2021	-	Tender under process	

Compliance report in terms of progress in quarter related to Status of STPs in State of Bihar

S.No		Targets to be achieved as per orders dated 10.12.2015,13.07.2017 and 22.08.2019 and the timelines	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed	Action taken or suggested for violation of timelines or non-achieving of targets
11.	Chhapra I&D and STP	Target date of completion June, 2021		Tender under process	
12.	Buxar STP and Sewer Network	Target date of completion Dec, 2021	-	Tender to be floated	
13.	Begusarai STP and Sewer Network	Target date of completion Sept, 2021		Tender under process	
14.	Danapur I&D and STP	Target date of completion June, 2021	-	Tender under process	
15.	Khagaria I&D and STP	Target date of completion June, 2021	-	Tender under process	
16.	Munger STP and Sewer Network	Target date of completion Dec, 2021	-	Tender under process	
17.	Barahiya I&D and STP	Target date of completion Dec, 2021	-	Proposed project	
18.	Kahalgaoon I&D and STP	Target date of completion Dec, 2021	-	Proposed project	

Compliance report in terms of progress in quarter related to Status of STPs in State of Bihar

S.No		Targets to be achieved as per orders dated 10.12.2015,13.07.2017 and 22.08.2019 and the timelines	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed	Action taken or suggested for violation of timelines or non-achieving of targets
19.	Dighwara I&D and STP	Target date of completion Dec, 2021	-	Proposed project	
20.	Teghra I&D and STP	Target date of completion Dec, 2021	-	Proposed project	
21.	Manihari I&D and STP	Target date of completion Dec, 2021	-	Proposed project	
22.	Jamalpur I&D and STP	Target date of completion Dec, 2021	-	Proposed project	
23.	Khagaul I&D and STP	Target date of completion Dec, 2021	-	Proposed project	
II	Punpun River				
1	Fatuha I&D and STP	Target date of completion June, 2021	-	Tender under process	

Compliance report in terms of progress in quarter related to Status of STPs in State of Bihar

S.No		Targets to be achieved as per orders dated 10.12.2015,13.07.2017 and 22.08.2019 and the timelines	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed	Action taken or suggested for violation of timelines or non-achieving of targets
III	Ramrekha River				
1.	Harinagar (Ramnagar) I&D and STP	Target date of completion June, 2021	-	Proposed project	
IV	Sikrahna River				
1	Narkatiaganj I&D and STP	Target date of completion June, 2021	-	Proposed project	
V	Parmar River				
1	Jogbani I&D and STP	Target date of completion June, 2021	-	Proposed project	
VI	Sirsia River				
1	Raxual I&D and STP	Target date of completion June, 2021	-	Proposed project	
VII	Sone River				
1	Dehri I&D and STP	Target date of completion June, 2021		Proposed project	
2	Arwal I&D and STP	Target date of completion June, 2021		Proposed project	
3	Daudnagar I&D and STP	Target date of completion June, 2021		Proposed project	
VIII	Burhi Gandak River				
1	Muzaffarpur I&D and STP	Target date of completion June, 2021		Proposed project	
2	Samastipur I&D and STP	Target date of completion June, 2021		Proposed project	
3	Motihari I&D and STP	Target date of completion June, 2021		Proposed project	
IX	Kosi River				
1	Supaul I&D and STP	Target date of completion June, 2021		Proposed project	
2	Saharsa I&D and STP	Target date of completion June, 2021		Proposed project	
3	Madhepur I&D and STP	Target date of completion June, 2021		Proposed project	
X	Baghmata River				
1	Darbhanga I&D and STP	Target date of completion June, 2021		Proposed project	
XI	Gandak River				
1	Gopalganj I&D and STP	Target date of completion June, 2021		Proposed project	
2	Bagha I&D and STP	Target date of completion June, 2021		Proposed project	

Compliance report in terms of progress in quarter related to Status of STPs in State of Bihar

S.No		Targets to be achieved as per orders dated 10.12.2015,13.07.2017 and 22.08.2019 and the timelines	Targets achieved and the reasons for delay in compliance	Targets not achieved and the revised timelines proposed	Action taken or suggested for violation of timelines or non-achieving of targets
XII	Mahananda River				
1	Kishanganj I&D and STP	Target date of completion June, 2021		Proposed project	
XIII	Kiul River				
1	Lakhisarai I&D and STP	Target date of completion June, 2021		Proposed project	
2	Jamui I&D and STP	Target date of completion June, 2021		Proposed project	

Town wise Revised Action Plan for polluted River Stretches in the State of Bihar

Original application No : 200/2014

(Matter : M.C. Mehta Vs Union of India & Orgs)

A. Ganga River Main Stem

1. Patna

a. Liquid Waste Management:-

There are 20 Nallas in Patna. Patna has 11 Schemes related to STP & Network. After completion of these schemes domestic sewage will be trapped at the Household itself and it will reach to STP for treatment through network. So no domestic sewage will flow through the Nallas. All Nallas have been screened. This will control the flow of floating solid waste materials into the river Ganga to a great extent.

Patna Sewerage system has been divided into six (6) different zones around 350 MLD capacities. In all Zones STPs has been sanctioned such as Pahari- 60 MLD, Beur-43 MLD, Karmalichak- 37 MLD, Saidpur-60 MLD, Digha- 100 MLD and Kankarbagh- 50 MLD. After implementation of sewerage scheme of these zones it will cater to the sewerage problems of entire 75 wards of Patna Municipal Corporation area. The sewerage scheme of Beur, Saidpur, Pahari and Karmalichak. Digha & Kankarbagh Present status of the project is as follows:-

Sl. No	Name of Project	Agreement Amount/ Date (Rs. in Cr.)	Capacity of STP (IN MLD)	Network (In Km.)	Remarks	Date of completion
1	Pahari STP	147.65/ 09.05.18	60	-	Work in progress Physical progress-39.0%, Financial progress – 31.66 Cr.	As per agreement 09.11.2020
2	Pahari Sewerage Network Zone IV_A(S)	167.84/ 02.04.18	-	87.69	Work in progress. Physical progress-54.58%, Financial progress -93.20 Cr.	As per agreement 28.02.2021
3	Pahari Sewerage Network Zone V	364.90/ 02.04.18	-	115.93	Work in progress. Physical Progress-27.26%, Financial progress – 55.61Cr.	As per agreement 25.04.2021
4	Beur STP	77.85/ 31.03.17	43	-	Work in progress. Physical Progress-98.2%, Financial Progress- 50.43 Cr.	Proposal for completion Dec, 2019
5	Beur Sewerage Network	398.40/ 30.03.17	-	179.74	Work in progress Physical progress-63.12%, Financial progress – 183.56 Cr.	As per agreement 05.04.2020
6	Karmalichak STP	73.61/ 31.03.17	37	-	Work in progress. Physical Progress-99%, Financial Progress- 47.62 Cr.	Proposal for completion Dec, 2019
7	Karmalichak Sewerage Network	253.98 /11.05.18	-	96.54	Agreement done on Physical progress-40% , Financial progress – 52.85 Cr.	As per agreement 20.05.2021

8		Saidpur STP & Adjoining Network	188.18/ 30.03.17	60	55.10	Work in progress Physical progress- 86.90%, Financial progress – 136.28 Cr.	As per agreement 05.04.2020
9		Saidpur Sewerage Network	431.21/30.01.18	-	172.50	Work in progress Physical progress- 34.18% Financial progress – 151.83 Cr.	As per agreement 29.01.2020
10	TENDERING PROJECTS	Digha Sewerage	1187.86/19.07.19	100	288	LOA has been issued on 19th July, 2019. BUIDCo sent reminders to submit performance security by Bidder. Agreement not yet done.	Target date of completion Dec, 2022
11		Kankarbagh Sewerage		50	150		

1 (a). Phulwarishariff (Patna): -Presently, there is no STP. A scheme comprising I&D of these Nallas with STP capacity 13 MLD has been approved from NMCG. AA&ES received. Retender has been invited in one package comprising the three works (Fatuha, Danapur and Phulwarishariff). One bid received on 25.10.2019 and bid evaluation is in process. The expected date of work completion is June, 2021.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Water Resources Department has prepared a DPR.

b. Solid Waste Management: -

SWM DPR amount Rs 19908.67 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

(i) Patna:

Door to Door collection in all 75 wards has been covered. Segregation of Waste is in Process. Pit Construction has been started & Land have been identified for Waste Processing.

Garbage Vulnerable points (GVPs) has been cleaned by PMC. There is no dump site on the Ghats. Cleaning of Ghats is being done on regular basis. Anti –littering messages boards and litter bins installed.

(ii) Phulwarishariff:

Door to Door collection in all 28 wards has been covered .Segregation of Waste is in Process. Pit Construction has been started & Land has been identified for Waste Processing.

c. Plastic Waste Management:-

(i) Patna:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Patna Municipal Corporation Plastic Waste Management Byelaws, 2018.** 25146 nos shops or establishment have been raided and fine for Rs 1194880 has been collected. 4609.84 Kg of plastic carry bags were also seized.

(ii) Phulwarishariff:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Phulwarishariff Nagar Parishad Plastic Waste Management Byelaws,**

2018. 949 nos shops or establishment have been raided and fine for Rs 31900 has been collected. 38 Kg of plastic carry bags were also seized. (**Annexure iii, Page No: 53**)

d. Open Defecation Free (ODF):

(i) ODF Status of Patna Municipal Corporation is under process. Total achievement in 5400 IHHL/CT/ MT out of 8518.

(ii) Phulwarishariff Nagar Parishad (PNP) is ODF declared & QCI has certified on 14/06/18. Total achievement in 850 IHHL/CT/ MT out of 850.

e. Other Project related to Sewerage Work: Bio-remediation Works going on in Patna at 2 drains namely Rajapura & Danapur Cantt. Trial period has been completed.

2. Maner:

a. Liquid Waste Management:

There are 3 Nallas in town. All the Nallas have been screened. Presently, there is no sewerage system. It has been estimated that drains of Maner has a total flows of 6.5 MLD. Scheme for I&D and STP project has been approved for Rs. 41.36 Cr. Agreement executed on 27.09.2019. Work will be completed by Dec, 2020.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management: SWM DPR amounting Rs 400.17 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collection in all 19 wards has been covered. Segregation of Waste is in Process. NOC is awaited for Land.

Garbage Vulnerable points (GVPs) has been cleaned by Maner Nagar Panchayat. There is no dump site on the Ghats. Cleaning of Ghats is being done on regular basis. Anti – littering messages board and litter bin installed.

c. Plastic Waste Management: 100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Maner Nagar Panchayat Plastic Waste Management Byelaws, 2018** .469 nos shops or establishment have been raided and fine for Rs 13000 has been collected. 11.8 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF): Total achievement in IHHL / CT / MT 2208 against 2208. Maner Nagar Panchayat is ODF Declared & QCI has certified on 08.09.18.

3. Danapur:

a. Liquid Waste Management:

There is one Nalla. This has been screened. At present there is no sewerage system and STP. A scheme comprising I&D of these Nallas with 10 MLD STP has been approved from NMCG. AA&ES received. Retender has been invited in one package comprising the three works (Fatuha, Danapur and Phulwarishariff). One bid received on 25.10.2019 and bid evaluation is in process. The expected work completion time is June, 2021.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR amount Rs 1877.76 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collection in all 40 Wards has been covered .Segregation of Waste is in Process. Land has been identified for Waste Processing.

Garbage Vulnerable points (GVPs) has been cleaned by Danapur Nagar Parishad. There is no dump site on the Ghats. Cleaning of Ghats is being done on regular basis. Anti – littering messages board and litter bins installed.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Danapur Nagar Parishad Plastic Waste Management Byelaws, 2018**. 1079 nos shops or establishment have been raided and fine for Rs 17600 has been collected. 17 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF):

ODF Declared & QCI have submitted report on 06/09/2018. 100 % covered in respect of target 2164.

4. Bakhtiyarpur:**a. Liquid Waste Management:**

There is one Nalla. This has been screened. At present, Bakhtiyarpur town has no sewerage system & STP. Mostly, all the sewage have outlet into the drains and ultimately to the low lying area and water bodies. There is a proposal to intercept the outfalls and divert into STP site for further treatment. AA & ES for Rs. 38.88 Cr. for I&D and STP projects has been obtained. Agreement executed on 27.08.2019. Work will be completed by Dec, 2020.

Note* It has been proposed to utilize the treated waste water by NTPC Barh.

b. Solid Waste Management:

SWM DPR amounting Rs 509.55 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collection in all 27 Wards .Segregation of Waste is in Process. Pit Construction has been started & Land has been identified for Waste Processing.

Garbage Vulnerable points (GVPs) has been cleaned by Bakhtiyarpur Nagar Parishad. There is no dump site on the Ghats. Cleaning of Ghats is being done on regular basis. Anti – littering messages boards and litter bins installed.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Bakhtiyarpur Nagar Parishad Plastic Waste Management Byelaws, 2018**. 587 nos shops or establishment have been raided and fine for Rs 30100 has been collected. 64 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF):

Total achievement 2136 out of 2136.ODF Declared & QCI have submitted report on 02/08/2018.

5. Barh:

a. Liquid Waste Management:

There are 7 Nallas. All Nallas have been screened. At present, Barh town has no sewerage system & STP. Mostly, all the sewage have outlet into the drains and ultimately to the low lying area and water bodies. A scheme amounting Rs. 53.90 Cr. has been approved for construction of STP of 11 MLD with I&D of drains. Agreement done on dated 22-10-2018 with UEM India Pvt Ltd., Boundary wall of STP Site under progress, STP construction work under progress. Financial progress- 2.71 Cr. Work will be completed by Dec, 2020.

Note* It has been proposed to utilize the treated waste water by NTPC Barh.

b. Solid Waste Management:

SWM DPR amount Rs 643.73 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collection in all 27 wards has been covered. Segregation of Waste is in Process. Land has been identified for Waste Processing.

Garbage Vulnerable points (GVPs) has been cleaned by Barh Municipal Council. There is no dump site on the Ghats. Cleaning of Ghats is being done on regular basis. One anti –littering messages boards has been installed and rest 5 will be completed by 31st August, 18. Litter bins installed.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Barh Nagar Parishad Plastic Waste Management Byelaws, 2018**. 1722 nos shops or establishment have been raided and fine for Rs 12950 has been collected. 10.55 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF): Total achievement in IHHL/CT /MT is 1109 against 1109. ODF Declared & QCI have submitted report on 14/08/2018.

6. Mokama:

a. Liquid Waste Management:

There are 4 Nallas in the town. All have been screened. At present, Mokama town has no sewerage system & STP. Mostly, all the sewage have outlet into the drains and ultimately to the low lying area and water bodies. There is a proposal to intercept the outfalls and divert into STP site for further treatment. A scheme has been approved for construction of STP of 8 MLD with I&D of drains. Agreement executed on 15.06.2019. Design and Drawing of STP Components under progress. Work will be completed by Dec, 2021.

Note* It has been proposed to utilize the treated waste water by NTPC Barh.

b. Solid Waste Management:

SWM DPR amounting Rs 583.27 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collections in all 28 wards have been covered. Segregation of Waste is in Process. Land has been identified for Waste Processing.

Garbage Vulnerable points (GVPs) has been cleaned by Mokama Municipal Corporation. There is no dump site on the Ghats. Cleaning of Ghats is being done on regular basis. One anti –littering messages boards installed and rest 15 will be completed by 31st August, 19. Litter bins have been installed.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Mokama Nagar Parishad Plastic Waste Management Byelaws, 2018**. 147 nos shops or establishment have been raided and fine for Rs 27100 has been collected. 26 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF):

ODF Declared & QCI have submitted report on 06/09/2019. Total achievement 1590 in IHHL/CT/MT against 1590.

7. Munger:

a. Liquid Waste Management:

There is one Nalla. This has been screened. At present, there no STP in Munger. Originally an AA&ES was communicated by NMCG. Previous contract has been terminated due to non-performance of the contractor. The contract was terminated. A revise estimate of the scheme amounting Rs. 294.02 has been approved for execution of 30 MLD STP and Network of 143 km. with allied work. Earlier contract terminated (IVRCL) Status of Previous work done (Physical Progress-21%, Financial Progress -3.25 Cr.), Revised AA&ES Rs. 294.02 Cr. Vide NMCG Lt. No. - J-13011/1/2009, Dt. - 05-03-18. NOC on Bid document has been received from NMCG/ World Bank. Tender floated and bid opening date 28.11.2019. The scheme will be completed by December, 2021.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR amounting Rs 1953.69 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collection in all 45 wards has been covered .Segregation of Waste in 40 Wards has been covered. Pit Construction has been started & Land has been identified for Waste Processing.

Garbage Vulnerable points (GVPs) has been cleaned by Munger Municipal council. There is no dump site on the Ghats. Cleaning of Ghats is being done on regular basis. Anti – littering messages boards and litter bins installed.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Munger Nagar Nigam Plastic Waste Management Byelaws, 2018**.463 nos shops or establishment have been raided and fine for Rs 29600 has been collected. 75.4 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF): ODF Declared & QCI have submitted report on 18/09/2019. Total achievement 6352 in IHHL/CT/MT against 6352.

8. Sultanganj:

a. Liquid Waste Management:

There are 7 Nallas. Presently, there is no sewerage system in the town. Mostly, all the sewage outlet into the drain and or untimely to the low lying area and water bodies. A scheme amounting Rs. 63.51 Cr. has been approved for construction of STP of 10 MLD with I&D of

drains. Agreement done on dated 14.09.2018.STP construction work under progress. Work will be completed by Dec, 2020.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR has been approved of amounting Rs 535.71 lakh from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collection in all 25 wards has been covered .Segregation of Waste is in Process. Constructions of one pit have been Completed & Land have been identified for Waste Processing.

Garbage Vulnerable points (GVPs) has been cleaned by Sultanganj Municipal Council. There is no dump site on the Ghats. Cleaning of Ghats is being done on regular basis. Anti –littering messages boards and litter bins installed.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Sultanganj Nagar Parishad Plastic Waste Management Byelaws, 2018**. 249 nos shops or establishment have been raided and fine for Rs 23900 has been collected. 9.9 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF):

Total achievement 4494 in IHHL/CT/MT against 4494. ODF verification has done by QCI 23rd September & report is awaited.

9. Bhagalpur:

a. Liquid Waste Management:

There are 15 Nallas in the town. All have been screened. A scheme amounting Rs 254.13cr comprises I&D of these Nallas with STP having capacity of 65 MLD has been approved, with a view to treat the sewage flowing through these Nallas. Bid Evaluation is under progress. Work will be completed by Dec, 2021.

Note* It has been proposed to utilize the treated waste water by NTPC Bhagalpur.

b. Solid Waste Management:

SWM DPR of amounting Rs 3862.36lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collections in all 51 wards have been covered. Segregation of Waste in 42 wards has been covered. Pit Construction has been started.

Garbage Vulnerable points (GVPs) has been cleaned by BMC. There is no dump site on the Ghats. Cleaning of Ghats is being done on regular basis. 4 anti –littering messages boards installed & rest 3 will be installed by 31st August, 19. 04 litter bins installed & rest 3 will be installed by 31st August, 19.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Bhagalpur Nagar Nigam Plastic Waste Management Byelaws, 2018**. 54 nos shops or establishment have been raided and fine for Rs 54000 has been collected. 19.12 Kg of plastic carry bags were also seized.

d. Open defecation Free (ODF):

ODF Declared & QCI have submitted report on 20/09/2018. Total achievement 5953 in IHHL/CT/MT against 5953.

10. Buxar:

a. Liquid Waste Management:

There are 7 Nallas, all have been screened. Presently the sewage of town flow through Nalla causes pollution of water. There is a scheme to construct Sewerage Treatment Plant 16 MLD & sewerage network of 95 Km length. The cost of project is of Rs. 74.95 Cr. The following work has been executed so far: - Boundary wall of STP has already been completed; pipe laying work of 39.5 km out of 95 km has already been completed. Intermediate Pumping Station (hereinafter referred to as IPS) -1 at ITI ground and 3rd lift wall has been completed. Over all 39% work has been done. Since there is no progress in the work so termination for contract NOC received from NMCG. Revised estimate amounting Rs. 128.14cr has been submitted to NMCG for approval. The target of the completion of work is Dec, 2021.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR of amounting Rs 1130.16lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collections in all 34 wards have been covered. Segregation of Waste is in Process. Land has been identified in Buxar and proposal submitted to Department for Land acquisition.

Garbage Vulnerable points (GVPs) has been cleaned by BMC. There is one dump site on the Ghats. Cleaning of Ghats is being done on regular basis. One anti –littering messages boards installed& rest 6 will be installed by 31st August, 19 and litter bins installed.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Buxar Nagar Parishad Plastic Waste Management Byelaws, 2018**. 1078 nos shops or establishment have been raided and fine for Rs 47900 has been collected. 1477 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF): ODF Declared & QCI have submitted report on 08/09/2018. Total achievement 2522 in IHHL/CT/MT against 2522.

11. Barhiya:

a. Liquid Waste Management:

There are 4 Nallas in the town. All have been screened. There is no sewerage system and STP. Mostly, all the sewage have outlet into the drains and ultimately to the low lying area and water bodies. There is a proposal to intercept the outfalls and divert into STP site for further treatment. A scheme for construction of I&D and STP 5.4 MLD. Revised DPR and Compliance report sent to NMCG on 14-02-2019. After approval from NMCG, it will be completed by Dec, 2021.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR of amounting Rs431.07 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collection in all 24 wards have been covered. Segregation of Waste in 15 wards has been covered. Pit Construction has been started & Land has been identified for Waste Processing.

Garbage Vulnerable points (GVPs) has been cleaned by Barahiya Nagar Panchayat. There is no dump site on the Ghats. Cleaning of Ghats is being done on regular basis. One anti-littering messages boards installed and rest one will installed by 31st August, 19 and litter bins installed.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Barhiya Nagar Panchayat Plastic Waste Management Byelaws, 2018**. 760 nos shops or establishment have been raided and fine for Rs 11000 has been collected. 75 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF):

ODF Declared & QCI have submitted report on 08/09/2018. Total achievement 1812 in IHHL/CT/MT against 2027.

12. Jamalpur:**a. Liquid Waste Management:**

There are 4 Nallas in the town. All Nallas Screening is under process. Presently, there is no STP. Project for the construction of I&D and STP, DPR has been submitted to NMCG. After approval from NMCG, it will be completed by Dec, 2021.

Note* The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR of amounting Rs 1094.86 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collection in all 36 wards have been covered. Segregation of Waste is in Process. Pit Construction has Land has been identified for Waste Processing.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Jamalpur Nagar Parishad Plastic Waste Management Byelaws, 2018**. 347 nos shops or establishment have been raided and fine for Rs 41000 has been collected. 69.25 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF):

ODF Declared & QCI have submitted report on 08/09/2018. Total achievement 1738 in IHHL/CT/MT against 1738.

13. Kahalgaon:**a. Liquid Waste Management:**

There are 6 Nallas in the town, 5 Nallas falling under Kahalgaon Nagar Panchayat have been screened. Presently, there is no sewerage system. Mostly, all the sewage outlet into the drain and or untimely to the low lying area and water bodies in the town. A scheme for

construction of I&D and STP has been submitted. Revised DPR and Compliance report sent to NMCG on 11-02-2019. After approval from NMCG, it will be completed by Dec, 2021.

Note* It has been proposed to utilize the treated waste water by NTPC Kahalgaon.

b. Solid Waste Management:

SWM DPR of amounting Rs 365.39 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019. Door to Door collection in all 17wards have been covered. Segregation of Waste is in Process. Pit Construction has been started & Land has been identified for Waste Processing.

Garbage Vulnerable points (GVPs) has been cleaned by Kahalgaon Nagar Panchayat. There is no dump site on the Ghats. Cleaning of Ghats is being done on regular basis. Anti – littering messages boards and litter bins installed.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Kahalgaon Nagar Panchayat Plastic Waste Management Byelaws, 2018**. 212 nos shops or establishment have been raided and fine for Rs 12000 has been collected. 7 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF):

Total achievement 1024 in IHHL/CT/MT against 1524. ODF verification has done by QCI in September & report is awaited.

14. Chhapra:

a. Liquid Waste Management:

There is 1 Nalla. This has been screened. There is no proper sewerage system. The sewage goes to low lying area and water bodies. A scheme comprising I&D of these Nallas with STP of 32 MLD capacity has been approved for Rs. 236.15 Cr. and with a view to treat the sewage flows through the Nallas. Two Bids technically qualified. Financial bid evaluation is under progress. Work will be completed by June, 2021.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR of amounting Rs 1937.5 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collection in all 45 Wards have been covered .Segregation of Waste is in Process. Land has been identified for Waste Processing.

Garbage Vulnerable points (GVPs) has been cleaned by PMC. There is no dump site on the Ghats. Cleaning of Ghats is being done on regular basis. Anti –littering messages board and litter bin installed.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Chhapra Nagar Nigam Plastic Waste Management Byelaws, 2018**. 1734 nos shops or establishment have been raided and fine for Rs 47900 has been collected. 835 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF):

ODF is under process. Total achievement 5870 in IHHL/CT/MT against 5892.

15. Sonapur:

a. Liquid Waste Management:

There are 7 Nallas. All Nallas have been screened. Presently, Total length of existing 11 channel is 9.22Km. Presently, there is no sewerage system. All the discharge outlets go to low lying areas and water bodies. A scheme has been approved for construction of STP of 3.5 MLD with I&D of drains. Agreement executed on 04.06.2019. Expected date of completion of project is Dec, 2020.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR of amounting Rs 389.17 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019. Door to Door collection in all 21 Wards has been covered. Segregation of Waste in 18 wards has been covered. NOC is awaited for Land.

Garbage Vulnerable points (GVPs) has been cleaned by Sonapur Nagar Panchayat. There is no dump site on the Ghats. Cleaning of Ghats is being done on regular basis. Anti – littering messages boards and litter bins installed.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Sonapur Nagar Panchayat Plastic Waste Management Byelaws, 2018** .283 nos shops or establishment have been raided and fine for Rs 38540 has been collected. 20 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF):

ODF Declared & QCI have submitted report on 11/08/2018.Total achievement 2185 in IHHL/CT/MT against 2185.

16. Hajipur:

a. Liquid Waste Management:

There is one Nalla which will be screened shortly. Originally an AA&ES was communicated by NMCG and its characteristics of raw sewage adopted for design of STP. The scheme has a STP having 22 MLD capacities and network of 139 km. earlier contract terminated (Tritech) due to non-performance of the contractor. Status of Previous work done (Physical Progress-27%, Financial Progress -33.74 Cr.) Revised AA&ES Rs. 305.19 Cr. Vide NMCG Lt. No.- J-16011/1/2009, Dt.- 05-03-18. Two bids were received on 07.09.2018. Tender was cancelled on account of non- responsiveness. Re-tender floated on 30.05.2019. Two bids received on 25.10.2019 and bid evaluation in progress. The work will be completed by Dec, 2021.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR amount Rs 1363.7 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019. Door to Door collection in all 39 Wards. Segregation of Waste is in Process. Pit Construction has been started & Land has been identified for Waste Processing.

Garbage Vulnerable points (GVPs) has been cleaned by Sonepur Nagar Panchayat. There is no dump site on the Ghats. Cleaning of Ghats is being done on regular basis. Anti – littering messages boards and litter bins installed.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Hajipur Nagar Parishad Plastic Waste Management Byelaws, 2018**. 2294 nos shops or establishment have been raided and fine for Rs 51100 has been collected. 105 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF): ODF Declared & QCI have submitted report on 09/08/2018. 100 % coverage in respect of target 3590.

17. Begusarai:

a. Liquid Waste Management:

There is one Nalla in town. This has been screened. Originally an AA&ES amounting Rs. 65.408 Cr. was communicated by NMCG. The contract was terminated NMCG has communicated revised AA & ES amounting Rs.230.06 Cr. The scheme has a STP having 17 MLD and network of 98 km. Earlier contract terminated (Tritech) due to non-performance of the contractor, Revised AA&ES Rs. 230.06 Cr. Vide NMCG Lt. No.-T-13/2013-14-0283, Dt.- 05-03-18. Status of Previous work done (Physical Progress-14%, Financial Progress - 10.84 Cr.) –Tender floated on 25.09.2018. One bids received on 25.10.2019. Target of work completion is September, 2021.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR of amounting Rs 3142.57 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collection in all 45 Wards have been covered .Segregation of Waste in 10 wards have been covered. NOC is awaited for Land.

Garbage Vulnerable points (GVPs) has been cleaned by Sonepur Nagar Panchayat. There is no dump site on the Ghats. Cleaning of Ghats is being done on regular basis. Anti – littering messages boards and litter bins installed.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Begusarai Nagar Nigam Plastic Waste Management Byelaws, 2018**. 2079 nos shops or establishment have been raided and fine for Rs 75500 has been collected. 428.00 Kg of plastic carry bags were also seized.

D. Open Defecation Free (ODF):

ODF Declared & QCI have submitted report on 11/08/2018. Total achievement 17818 in IHHL/CT/MT against 17818.

18. Khagaria:

a. Liquid Waste Management:

There are two Nallas in the town. All have been screened. Presently, there is no STP. AA & ES for Rs. 21 Cr. for I&D and STP projects has been obtained. NIT has been published for

retender. Bid evaluation in process. Expected date of completion of the scheme is June, 2021.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR of amounting Rs 496.5 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collection in all 26 Wards have been covered .Segregation of Waste in 20 wards have been covered.

Garbage Vulnerable points (GVPs) has been cleaned by KMC. There is no dump site on the Ghats. Cleaning of Ghats is being done on regular basis. Anti –littering messages boards and litter bins installed.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Khagariya Nagar Parishad Plastic Waste Management Byelaws, 2018**. 1087 nos shops or establishment have been raided and fine for Rs 91200 has been collected. 889.2 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF):

ODF is to be declared. Total achievement 1166 in IHHL/CT/MT against 1166.

19. Naugachia:

a. Liquid Waste Management:

There are 15 Nallas in the town. All have been screened. AA & ES of this scheme is Rs. 6.89 Cr. This scheme has proposal STP with 9 MLD capacities. Agreement executed on 22.10.2018 with UEM India Pvt Limited, Design and Drawing of STP Components under progress. Financial progress- 3.56 Cr. The work will be completed by Dec, 2020.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR of amounting Rs 479.31 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collections in all 23 Wards have been covered. Segregation of Waste in 5 wards has been covered. Pit Construction has been started & Land has been identified for Waste Processing.

Garbage Vulnerable points (GVPs) has been cleaned by NNP. There is no dump site on the Ghats. Cleaning of Ghat is being done on regular basis. Anti –littering messages board and litter bin installed.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Naugachia Nagar Parishad Plastic Waste Management Byelaws, 2018**. 722 nos shops or establishment have been raided and fine for Rs 32000 has been collected. 58.5 Kg of plastic carry bags were also seized.

D. Open Defecation Free (ODF):

ODF Declared & QCI have submitted report on 04/08/2018. Total achievement 3890 in IHHL/CT/MT against 3890.

20. Dighwara:

a. Liquid Waste Management:

There are 8 Nallas in the town. All have been screened. Presently, there is no sewerage system. A scheme comprising I&D of these Nallas with STP of 5.40 MLD capacity. DPR Sent to NMCG on 06.08.2018. Revised DPR with compliance Report sent to NMCG on 24/08/2018. After approval from NMCG, it will be completed by Dec, 2021.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR of amounting Rs 299.97 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collections in all 18 Wards have been covered. Segregation of Waste in 18 wards has been covered. Pit Construction has been started & Land has been identified for Waste Processing.

Garbage Vulnerable points (GVPs) has been cleaned by DNP. There is no dump site on the Ghat. Cleaning of Ghat is being done on regular basis. Anti –littering messages board and litter bin installed.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the Dighwara Nagar Panchayat **Plastic Waste Management Byelaws, 2018**. 300 nos shops or establishment have been raided and fine for Rs 8425 has been collected. 7.5Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF): ODF Declared & QCI have submitted report on 18/09/2018. Total achievement 3805 in IHHL/CT/MT against 3805.

21. Teghra:

a. Liquid Waste Management:

There is one Nalla which have been screened. Presently, there is no sewerage system. The waste water is discharged to adjacent area of NH-28. A scheme comprising I&D and STP revised DPR submitted to NMCG on 17.12.2018 after incorporated all comments suggests in the review meeting by NMCG. After approval from NMCG, it will be completed by Dec, 2021.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR of amounting Rs 527.23 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collections in all 25 Wards have been covered. Segregation of Waste is in Process. NOC is awaited for Land.

Garbage Vulnerable points (GVPs) has been cleaned by TNP. There is no dump site on the Ghats. Cleaning of Ghats is being done on regular basis. Anti –littering messages boards and litter bins installed.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Teghra Nagar Panchayat Plastic Waste Management Byelaws, 2018**. 319 nos

shops or establishment have been raided and fine for Rs 40300 has been collected. 55.9Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF):

ODF Declared & QCI have submitted report on 13/09/2018. Total achievement 3343 in IHHL/CT/MT against 3343.

22. Manihari:

a. Liquid Waste Management:

There are 3 Nallas .All have been screened. A scheme comprising I&D and STP, DPR sent to NMCG on 06/08/2018. Compliance Report sent to NMCG on 19.09.2018. After approval from NMCG, it will be completed by Dec, 2021.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR of amounting Rs 274.47 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collections in all 15 Wards have been covered. Segregation of Waste in 5 Wards has been covered. Pit Construction has been started & Land has been identified for Waste Processing.

Garbage Vulnerable points (GVPs) has been cleaned by MNP. There is no dump site on the Ghat. Cleaning of Ghat is being done on regular basis. Anti –littering message board and litter bin installed.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Manihari Nagar Panchayat Plastic Waste Management Byelaws, 2018**. 225 nos shops or establishment have been raided and fine for Rs 10500 has been collected. 31.35 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF):

ODF Declared & QCI have submitted report on 13/09/2018. Total achievement 5142 in IHHL/CT/MT against 5142.

B. Punpun River

23. Fatuha:

a. Liquid Waste Management:

There are 7 Nallas .All have been screened. Presently, there is no sewerage system and STP. A scheme I&D STP of 7 MLD capacity has been approved for Rs. 35.49 Cr. AA & ES obtained. Retender has been invited in one package comprising the three works (Fatuha, Danapur and Phulwarishariff). One bid received on 25.10.2019 and bid evaluation is in process. The expected time of completion of the project is June, 2021.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR of amounting **Rs** 483.42 lakh has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.

Door to Door collections in all 27 Wards have been covered. Segregation of Waste is in Process.

Garbage Vulnerable points (GVPs) have been cleaned by Fatuha Nagar Parishad. There is no dump site on the Ghats. Cleaning of Ghats is being done on regular basis. 2 anti-littering messages boards installed and rest 2 will be installed by 31st August, 19. 2 litter bins installed and rest 2 will be installed by 31st August, 19.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Fatuha Nagar Parishad Plastic Waste Management Byelaws, 2018**. 832 nos shops or establishment have been raided and fine for Rs 42700 has been collected. 74 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF):

ODF Declared & QCI have submitted report on 31/07/2018. Total achievement 1440 in IHHL/CT/MT against 1440.

C. Ramrekha River

24. Harinagar (Ramnagar):

a. Liquid Waste Management:

There is no sewage project in this town. DPR for I&D with STP is under preparation. It will be prepared by Dec, 2019 and will be sent to NMCG for approval. After approval of DPR the work will be completed by June, 2021.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR Will be prepared by September, 19 and Project Execution to be completed by December, 2019. Door to door collections in all 23 Wards have been covered.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Ramnagar Nagar Panchayat (Hari Nagar) Plastic Waste Management Byelaws, 2018**. 478 nos shops or establishment have been raided and fine for Rs 12800 has been collected. 9.6 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF):

ODF is under process. Total achievement 4094 in IHHL/CT/MT against 4257.

D. Sikrahna River

25. Narkatiaganj:

a. Liquid Waste Management:

There is no sewage project in this town. DPR for I&D with STP is under preparation. It will be prepared by Dec, 2019 and will be sent to NMCG for sanction. After approval of DPR the work will be completed by June, 2021.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR of amount 482.04 lakh has been submitted to MoHUA, Govt. of India dated 19.11.2018. Project execution to be completed by December, 2019.

Door to Door collections in all 25 Wards have been covered. Segregation in 2 wards has been covered.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Narkatiaganj Nagar Parishad Plastic Waste Management Byelaws, 2018**. 197 nos shops or establishment have been raided and fine for Rs 36800 has been collected. 36 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF): ODF is to be declared. Total achievement 1377 in IHHL/CT/MT against 1377.

E. Sirsia River**26. Raxaul:****a. Liquid Waste Management:**

There is no sewage project in this town. DPR for I&D with STP is under preparation. It will be prepared by Dec, 2019 and will be sent to NMCG for sanction. After approval of DPR the work will be completed by June, 2021.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR amount Rs 532.93 lakh has been submitted to MoHUA, Govt. of India dated 19.11.2018. Project Execution to be completed by December, 2019.

Door to door collections in all 25 Wards have been covered. Segregation in 19 wards has been covered.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Raxaul Nagar Parishad Plastic Waste Management Byelaws, 2018**. 695 nos shops or establishment have been raided and fine for Rs 66100 has been collected. 774.7 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF):

Total achievement 1032 in IHHL/CT/MT against 1157. ODF verification has done by QCI September & report is awaited.

F. Parmar River**27. Jogbani:****a. Liquid Waste Management:**

There is no sewage project in this town. DPR for I&D with STP is under preparation. It will be prepared by Dec, 2019 and will be sent to NMCG for sanction. After approval of DPR the work will be completed by June, 2021.

The Govt. of Bihar has decided to utilize the treated Waste Water for irrigation purpose for which Minor Water Resources Department has to Prepare DPR.

b. Solid Waste Management:

SWM DPR Will be prepared up by September, 19 and Project Execution to be completed by December, 2019. Door to door collections in all 19 Wards have been covered.

c. Plastic Waste Management:

100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies in state of Bihar. Penalty provisions have been made for involvement in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes in the **Jogbani Nagar Panchayat Plastic Waste Management Byelaws, 2018.** 258 nos shops or establishment have been raided and fine for Rs 27300 has been collected. 33.7 Kg of plastic carry bags were also seized.

d. Open Defecation Free (ODF):

ODF Declared & QCI have submitted report on 8/9/2018. Total achievement 1988 in IHHL/CT/MT against 1988.

G: Others: In addition DPR related to Liquid Waste Management are also being prepared for towns situated on the tributaries of river Ganga.

The Timeline is as follows:-

1. Sone River

i. Dehri: - There are mainly 2 drains with total length of existing drain is 15 Km which discharge waste water into the Sone river. Presently, there is no sewerage system. A scheme comprising I&D for Nala with 21 MLD I&D STP capacity. The DPR prepared and submitted to NMCG for approval on dated 02-10-2018. Revised DPR and compliance report received from BUIDCo. The same has been reviewed and forwarded to NMCG on 02/07/2019. After approval of DPR the work will be completed by June, 2021.

The details of drains and their outfall points are hereunder:-

Type of Drain	Existing Drains	From	Outfall points
Major Drains (Pucca)	Ext Drain -1	Near St. Mother Teresa School	I&D-1 near Shiv Mandir - Sone River
	Ext Drain -2 & 3	Near GT Road	I&D-2 -Sone River
	Ext Drain -4 & 5	Railway Station Road	I&D-3 -Sone River
	Ext Drain -6	Near Dalmia Nagar	I&D-4 -Sone River
	Ext Drain -7	Dehri Bazar road near Ram Rani Chowk	Sone Canal (As the catmint area is very less and flow is not considered)
	Ext Drain -8	Islam Gunj	

Compliance against observation of TPA has been submitted to NMCG on 02/07/2019. After approval of DPR the work will be completed by June, 2021.

ii. Arwal: There are mainly 7 major drains in the town to cater the drains to carry the domestic sewage, a scheme has been prepared for construction of STP of 3.5 MLD and submitted to NMCG for approval on dated 19-09-2018. After approval of DPR the work will be completed by June, 2021.

iii. Daudnagar: There is no sewage project in this town. DPR for I&D with STP is under preparation. It will be prepared by Dec, 2019 and after approval of DPR the work will be completed by June, 2021.

2. Burhi Gandak River

i. Muzaffarpur:-There are mainly 12drains (9) in main town and 3 in extended area. In Muzaffarpur town which discharge wastewater into the Burhi Gandak river/ water bodies. A scheme comprising I&D of these Nallas with 3 STPs having total capacity of 67 MLD have been submitted to NMCG to cater all the drains carrying domestic sewage. The compliance of Third Party Appraisal (TPA) on submitted DPR is being made. After approval of DPR the work will be completed by June, 2021.

ii. Samastipur: There are mainly (2) major outfall drains are partly Magardahi Nalla and Paswan chowk Nalla which are directly discharging to River of Bhuri Gandak. A scheme has been under preparation for construction of STP 3.50 MLD .The compliance on observations related to DPR is being made. After approval of DPR the work will be completed by June, 2021.

iii. Motihari: There is no sewage project in this town. DPR for I&D with STP is under preparation. It will be prepared by Dec, 2019 and after approval of DPR the work will be completed by June, 2021.

3. Kosi River

- i. Supaul:** There are mainly 4 drains. Presently, there is no sewerage system. All the discharge outlets go to low lying areas and Kosi River. A scheme has been prepared for construction of 4 STPs of total 12 MLD with I&D of drains to cater all the drains carrying domestic sewage. Compliance report received from BUIDCo against TPA site visit observation the same has been reviewed and submitted to NMCG & TPA on 11/07/2019. After approval of DPR the work will be completed by June, 2021.
- ii. Saharsa:** There is no sewage project in this town. DPR for I&D with STP is under preparation. It will be prepared by Dec, 2019 and after approval of DPR the work will be completed by June, 2021.
- iii. Madhepura:** There is no sewage project in this town. DPR for I&D with STP is under preparation. It will be prepared by Dec, 2019 and after approval of DPR the work will be completed by June, 2021.

4. Baghmata River

- i. Darbhanga:** There are mainly 9 major outfalls it's discharging into Bagmati & Kamla River through drains. The town also has a network of branch and lateral drains.
A scheme has been prepared for construction of STP of 34.1 MLD to cater all the drains carrying domestic sewage. The DPR prepared and submitted to NMCG for approval on dated 06-12-2018. Revised DPR awaited from BUIDCo. After approval of DPR the work will be completed by June, 2021.

5. Gandak River

- i. Gopalganj:** There are mainly 2 major outfalls. All these drains are discharging the storm water into River Daha/Gandak River. A scheme has been prepared for construction of STP of 11 MLD capacity to cater all the drains carrying domestic sewage. The DPR prepared and submitted to NMCG for approval on dated 26-09-2018. After approval of DPR the work will be completed by June, 2021.
- ii. Bagaha:** There are mainly 9 major outfall drains are partly kutchha and patlypucca drains which are directly discharging to Rivers Gandak, Haraha and also nearby Gagaha Nalla. A scheme has been under preparation for construction of STP is 6.50 MLD to cater all the drains carrying domestic sewage. The DPR will be prepared by Dec, 2019. After approval of DPR the work will be completed by June, 2021.

6. Mahananda River

- i. Kishanganj:** There is no sewage project in this town. DPR for I&D with STP is under preparation. It will be prepared by Dec, 2019 and after approval of DPR the work will be completed by June, 2021.

7. Kiul River

- i. Lakhisarai:** There is no sewage project in this town. DPR for I&D with STP is under preparation. It will be prepared by Dec, 2019 and after approval of DPR the work will be completed by June, 2021.
- ii. Jamui:** There is no sewage project in this town. DPR for I&D with STP is under preparation. It will be prepared by Dec, 2019 and after approval of DPR the work will be completed by June, 2021.

Action Plans for Solid Waste Management

Sl. No	Name of the ULB	Total Project Cost (Rs. in Lakh)	Remarks
1. (RAXAUL)- Sirsia River			
1.	Raxaul Nagar Parishad	532.93	DPR submitted to MoHUA, Govt. of India dated 19.11.2018. Project Execution to be completed by March, 2020.
2. (NARKATIYAGANJ) –Sikrahna River			
1.	Narkatiaganj Nagar Parishad	482.04	DPR submitted to MoHUA, Govt. of India dated 19.11.2018. Project Execution to be completed by March, 2020.
3. JOGBANI- Parmar River			
1.	Jogbani Nagar Panchayat		SWM DPR Will be prepared up by September, 19 and Project Execution to be completed by March, 2020
4. HARINAGAR (RAMNAGAR)- Ramrekha River			
1	Harinagar (Ram Nagar) Nagar Panchayat		SWM DPR Will be prepared by September, 19 and Project Execution to be completed by March, 2020.
5. BUXAR TO BHAGALPUR- Ganga River			
1	Patna Municipal Corporation	19908.67	SWM DPR has been approved from MoHUA, Govt. of India and 50% Central/State share fund also has been released vide letter no 377 & Date 29/06/2019on. Project Execution to be completed by March, 2020.
2	Chhapra Municipal Corporation	1937.5	
3	Munger Municipal Corporation	1953.69	
4	Begusarai Municipal Corporation	3142.57	
5	Barh Municipal Council	643.73	
6	Hajipur Municipal Council	1363.7	
7	Mokama Municipal Council	583.27	
8	Bakhtiyarpur Municipal Council	509.55	
9	Buxar Municipal Council	1130.16	
10	Khagariya Municipal Council	496.5	
11	Jamalpur Municipal Council	1094.86	
12	Sultanganj Municipal Council	535.71	
13	Teghra Nagar Panchayat	527.23	
14	Maner Nagar Panchayat	400.17	
15	Barahiya Nagar Panchayat	431.07	
16	Manihari Nagar Panchayat	274.47	
17	Sonepur Nagar Panchayat	389.17	
18	Naugachia Nagar Panchayat	479.31	
19	Danapur Nagar Parishad	1877.76	
20	Kahalgaon Nagar Panchayat	365.39	
21	Dighwara Nagar Panchayat	299.97	
22	Bhagalpur Municipal Corporation	3862.36	

6. GAURICHAK TO FATUHA- Punpun River

1.	Fatuha Municipal Council	483.42	<ul style="list-style-type: none">➤ SWM DPR has been approved from MoHUA, Govt. of India and 50% central share fund also has been released on dated 11th April, 2019.➤ Project Execution to be completed by March, 2020.
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Status of Land for Waste Processing

- Land has been identified for Waste Processing in **18 Towns** (Patna, Bhagalpur, Munger, Chhapra, Hajipur, Bakhtiyarpur, Barh, Danapur, Jamalpur, Sultanganj, Barahiya Manihari, Naugachia, Kahalgaon , Dighwara. Begusarai, Teghra, Sonapur
- **Maner** : NOC received, but outer part of the land is encroached, District Administration has given notice to remove encroachment on dated 21.06.19. Presently an order by High Court to maintain status Quo for four weeks has been issued. There after EOI has been sent to IPRD for availability of land on lease.
- **Mokama** : - Identified 2 Locations with 3000 Sq. ft each. Disputed Land and NOC Awaited. 2- D.M. has instructed to C.O. to resolve the land dispute. 3- At landfill site 3000 Sq. ft land identified and construction of pits start
- **Fatuha** : EOI Published and two lands selected for processing activity at 1-Raipura-6000 Sq. ft 2-Sanoraha-6000 Sq.
- **Khagariya** EOI issued.
- Land has been identified in **Buxar** and proposal submitted to Dept. for Land acquisition.

Status of Construction of composting pits for Waste Processing

- Constructions have been started in **16 Towns as** Danapur, Bhagalpur, Munger, Chhapra, Hajipur, Barh, Mokama, Barahiya, Manihari, Sultanganj, Naugachia, Kahalgaon, Dighwara. Buxer, Sonapur, Begusarai
- Construction of composting pit has completed in **8 towns** as Munger, Sultanganj, Buxer, Barahiya, Chhapara, Begusarai, Naugachhiya, Dighwara

Status and Action Plan of ODF

Sr. No.	Name of City	Status of ODF Declared	Date of QCI Certificate	Remarks
1. RUXOL TO KOIREA TOLA (RAXAUL)- Sirsia River				
1	Raxaul Nagar Parishad	ODF	11/8/2018	
2. ALONG JOGBANI- Parmar River				
1	Jogbani Nagar Panchayat	ODF	8/9/2018	
3. BUXAR TO BHAGALPUR- Ganga River				
1	Patna Municipal Corporation	Non-ODF	Non-ODF	ODF is under process
2	Chhapra Municipal Corporation	Non-ODF	Non-ODF	ODF is under process progress is 99.63 %
3	Munger Municipal Corporation	ODF	18/09/2018	
4	Begusarai Municipal Corporation	ODF	13/09/2018	
5	Barh Municipal Council	ODF	14/08/2018	
6	Hajipur Municipal Council	ODF	09/08/2018	
7	Mokama Municipal Council	ODF	06/09/2019	
8	Bakhtiyarpur Municipal Council	ODF	02/08/2018	
9	Buxar Municipal Council	ODF	08/09/2018	
10	Khagariya Municipal Council	Non-ODF	Non-ODF	ODF verification has done by QCI & report is awaited.
11	Jamalpur Municipal Council	ODF	06/09/2018	
12	Sultanganj Municipal Council	ODF	20/09/2018	
13	Teghra Nagar Panchayat	ODF	13/09/2018	
14	Maner Nagar Panchayat	ODF	08/09/2018	
15	Barahiya Nagar Panchayat	ODF	08/09/2018	
16	Manihari Nagar Panchayat	ODF	13/09/2018	
17	Sonepur Nagar Panchayat	ODF	11/08/2018	
18	Naugachhiya Nagar Panchayat	ODF	04/08/2018	
19	Danapur Nagar Parishad	ODF	06/09/2018	
20	Kahalgaoon Nagar Panchayat	Non-ODF	Non-ODF	ODF verification has done by QCI & report is awaited
21	Dighwara Nagar Panchayat	ODF	18/09/2018	
22	Bhagalpur Municipal Corporation	ODF	20/09/2018	
4. GAURICHAK TO FATUHA- Punpun River				
1	Fatuha Municipal Council	ODF	31/07/2018	
5. HARINAGAR TO RAMNAGAR- Ramrekha River				
1	Narkatiyaganj Nagar Parisad	Non-ODF	Non-ODF	ODF verification has done by QCI & report is awaited.
6. ALONG NARKATIAGANJ- Sikrahna River				
1	Harinagar/Ramnagar Nagar Panchayat	ODF	18/09/2018	

Plastic Waste Management

- 100% Single use Plastic (Plastic Carry Bags) have been banned in all the Urban Local Bodies of State Bihar
- Penalty provisions have been made in the Plastic Waste Management Byelaws, 2018, if anyone is involved in Production, distribution, trading, storage, sale of plastic carry bags irrespective of its thickness and sizes.
- Gazette notification on Plastic ban ULB wise have also been notified by UD&HD, Government of Bihar. Details of gazette notification are as follows.

Status of Ongoing/Tendered/Tender to be floated of Schemes under Namami Gange program.

ANNEXURE-I

Sr. No.	Status	Location	Project Name	STP Capacity (In MLD)	Sewer Network (In Km.)	Sanctioned Cost (Crore) GoI/GoB	Date of Sanction/ Date of AA&ES issue GoI/GoB	Date of NIT	Contract Price	Signing of Contract Contractors Name/ Date	Date of Completion (As per Agreement/ Projected by BUIDCo)	House Connection	Remarks
1	Ongoing Project	Beur	Sewerage Treatment Plant	43	—	<u>68.16</u> 74.29	<u>15-07-14</u> 05-01-15	7-Aug-15	77.85 Cr.	<u>Volta & GAA (JV)</u> 31-03-17	05/10/2019 / -- -----	—	1. SBR Basin- Electro Mechanical Completed. 2. Chlorination Contact Tank - work Completed. 3. Sludge Holding Tank & Centrifuge Building - Completed. 4. Sludge Blower Building- Completed. 5. Staff Qtr 1 & 2 - Completed. 6. MPS- Electromechanical work Completed. 7. MCC & Admin Building- flooring work Completed. 8. Stilling Chambers - Electro mechanical work Completed. Physical Progress-98.2%, Financial Progress- 50.43 Cr.
2		Beur	Sewerage Network	—	179.74	<u>225.77</u> 394.89	<u>31-12-14</u> 24-01-17	21-Aug-15	398.40 Cr.	<u>L&T</u> 30-03-17	05/04/2020 / 31/12/2019	5384/26000	Network- 115.995 Km. Completed out of 180 Km., Manholes- 3624 Nos. Completed out of 7622 Nos., Road restoration 112.42 Km. out of 180 Km Completed. Work is in progress. Physical progress- 63.12%, Financial progress - 183.56 Cr.
3		Saidpur	Sewerage Treatment Plant & Adjoining Network	60	55.10	<u>184.93</u> 201.57	<u>01-04-15</u> 26-11-14	21-Aug-15	188.186 Cr.	<u>UEM & EMS (JV)</u> 30-03-17	05/04/2020/ 30/11/2019	1676/7000	Laying of pipe 48.453 Km. completed out of 55 Km., Construction of Manhole 2036 Nos. completed out of 2397 Nos., HSC PIT 3970 Nos. completed out of 9588 Nos., Road Restoration 47.405 Km. completed out of 48.453 Km., STP (60MLD)- SBR Basin - 8347.50 M3 Casting Completed out of 8350 M3, MPS - Casting Completed. Gride Chamber - Casting Completed. Thickener Casting Completed. MCC & blower room - Casting Completed., CCT - 554 M3 Casting Completed out of 670 M3., Admin Cum lab Building - 30.5 M3 Casting Completed out of 302 M3., Staff Quarter - 188.5 M3 Casting Completed out of 295 M3. Physical progress-86.90%,Financial progress - 136.28 Cr.
4		Saidpur	Sewerage Network	—	172.50	<u>268.63</u> 426.71	<u>01-04-15</u> 24-01-17	27-Aug-15	431.21 Cr.	<u>L&T</u> 30-01-18	19/01/2021 / June-2020	829/67000	Pipe Laying 58.86 km. completed out of 172.5 Km, manhole 1942 Nos. Out of 7480 Nos. Property Chamber 1069 Nos. Completed out of 53600 Nos. Road Restoration - 44.38 Km. Completed Out of 172.5 Km. Rest work in progress. Physical progress-34.18%, Financial progress -151.83 Cr.
5		Karmalichak	Sewerage Treatment Plant	37	—	<u>77.04</u> 83.97	<u>15-07-14</u> 05-01-15	7-Aug-15	73.61 Cr.	<u>Volta & GAA(JV)</u> 31-03-17	05/10/2019 / 31/07/2019	—	1. SBR Basin- Electro Mechanical Completed. 2. Chlorination Contact Tank - work Completed. 3. Sludge Holding Tank & Centrifuge Building - Completed. 4. Sludge Blower Building- Completed. 5. Staff Qtr 1 & 2 - Completed. 6. MPS- Electromechanical work Completed. 7. MCC & Admin Building- flooring work Completed. 8. Stilling Chambers - Electro mechanical work Completed. Physical Progress-99%, Financial Progress- 47.62 Cr.
6		Karmalichak	Sewerage Network	—	96.54	<u>277.42</u>	16/03/2017	9-May-17	253.98 Cr.	<u>VA Tech Wabaq</u> 11/05/2018	20/5/2021 / Dec-2020	1547/20259	Agreement executed 11.05.18. Sewer Network- 45.142 Km, Manhole- 1437 Each, House Connection Pit - 1047 Nos, Road Restoration- 7.6 Km, SPS- 1 Nos. Rest work in progress. Physical progress-40%, Financial progress - 52.85 Cr.
7		Pahari STP	Sewerage Treatment Plant	60	—	191.62	19/05/2017	1-Sep-17	147.65 Cr.	<u>VA Tech Wabaq</u> 09/05/2018	9-Nov-20	—	Agreement executed 09.05.18. 1. MPS- 6th lift wall casting completed. 2. SBR- 30% raft completed. 3. CCT- Raft completed. 4. Admin Building- 1st floor slab completed. 5. Staff Quarter – Plinth beam completed. 6. Sludge Dewatering and Centrifuge Building- Footing completed. 7. Substations – Column up to plinth beam completed. Rest work in progress. Dewatering work in progress due to rain. Physical progress-39.00%, Financial progress - 31.66 Cr.
8		Pahari-Zone IV A (S)	Sewerage Scheme in Sewerage Zone IV A (South) of Pahari, Patna	—	87.69	184.86	22/05/2017	1-Sep-17	167.84Cr.	<u>EMS Infra & Technocraft Ltd.</u> 11/05/2018	28/2/2021 / Nov-2020	1596/7647	Sewer Network – 52.20 Km. completed out of 87.97 Km, Manhole- 1664 No. completed out of 3270 Nos, Property chamber- 2129 Nos. completed out of 10650 Nos., Road Restoration 48.40 km Completed. out of 52.20 km. SPS Well , Screen Chamber, Inlet Chamber & Distribution Chamber, DG Room, Transformer Room and valve Chamber work completed. Staff quarter, Duty Room, MEP Room, Security Room, Building work under progress. Physical progress- 54.58%, Financial progress -93.20 Cr.

Sr. No.	Status	Location	Project Name	STP Capacity (In MLD)	Sewer Network (In Km.)	Sanctioned Cost (Crore) GoI/GoB	Date of Sanction/ Date of AA&ES issue GoI/GoB	Date of NIT	Contract Price	Signing of Contract Contractors Name/ Date	Date of Completion (As per Agreement/ Projected by BUIDCo)	House Connection	Remarks	
9	Ongoing Project	Pahari Zone-V	Sewerage scheme at Pahari Zone V, Patna	—	115.93	356.37	22/05/2017	1-Sep-17	364.90Cr.	Sapoor Pallonji 25/04/2018	26/04/2021 / June-2020	1133/23107	Sewer Network – 31.62 Km. completed out of 116 Km, Manhole- 850 Nos. completed out of 5306 Nos., Property Chamber 1111 Nos. Completed out of 31000 Nos. Road Restoration 31.45 Km. completed. rest work is in progress. Physical Progress- 27.26%, Financial progress - 55.61 Cr.	
10		Sultanganj	I&D works and STP at Sultanganj	10	—	60.22	1/8/2017	30-12-17	63.51 Cr.	V.C.Project 14/9/2018	Dec/19		Agreement executed on 14.09.2018.Site Office setup completed, Soil Test & Survey works completed, Construction of Compound wall in the campus of STP- 90% completed, Construction of MBBR- Raft work completed, wall casting work under progress, Construction of Admin Building- Foundation work completed, Tie Beam work under progress, Construction Centrifugal Building- Foundation Excavation work under progress, Construction of Chlorine Contact Tank- Foundation Excavation work under progress. Physical Progress- 9%, Financial progress - 1.75 Cr.	
11		Barh	I&D works and STP at Barh	11	—	58.27	10/8/2017	22-06-18	53.90 Cr.	UEM India 22/10/2018	Jan/20		Agreement executed on 22.10.2018.Construction of SBR Tank under progress. Earth work in progress for CCT & sludge thickener. Physical Progress- 9%, Financial progress - 2.71 Cr.	
12		Naugachhia	I&D works and STP at Naugachhia	9	—	60.79	1/8/2017	22-06-18	61.89 Cr.	UEM India 22/10/2018	Jan/20		Agreement executed on 22.10.2018. STP Land made available on 27.09.2019. BEP/Design & Drawing sent to IIT for vetting. Financial progress- 3.56 Cr.	
13		Sonepur	I&D and STP	3.5	3.6	30.93	14/09/2018	Nov-19	29.35 Cr.	S.G.Const & S.N.Enviro 04/06/2019	Feb./20		Agreement executed on 04.06.2019. Site Survey Completed, Boundary wall construction in progress. Financial Progress - 0.71 Cr	
14		Mokama	I&D works and STP at Mokameh	8	—	53.81/ 60.91(Rvd)	28/07/2017	30-12-17	59.17 Cr.	EMS Singh 15/06/2019	Jun/20		Agreement executed on 15.06.2019. Survey completed. Design & Drawing under preparation. Financial Progress - 0.06 Cr	
15		Baktiarpur	I&D and STP	10	—	35.88	24/12/2018	Jan-19	—	S.G. Construction & S.N.Enviro 27/08/2019	Dec/20		Agreement executed on 27.09.2019. Financial Progress - 1.13 Cr	
16		Maner	I&D and STP	6.5	3	41.36	2/1/2019	Jan-19	—	SIMA Labs Pvt. Ltd. & A K Contractor (J.V) 27/09/2019	Dec/20		Agreement executed on 27.09.2019.	
1	Tendered Project	Hajipur	Sewerage Treatment Plant & Sewer Network	22	138.9	305.19	5/3/2018	30-05-19	—				Two Bid received. Bid Evaluation is under progress. (Earlier contract terminated (Tritech) Status of Previous work done (Physical Progress-27%, Financial Progress -33.74 Cr.) Revised AA&ES Rs. 305.19 Cr.. Vide NMCG Lt. No.- J-16011/1/2009, Dt.- 05-03-18. two bids have been received on 07.09.2018. Order for cancellation of tender on account of non-responsiveness has been sent to BUIDCo. NMCG observation received for the same.)	
2		Digha-Zone	STP & Sewer Network	100	288	824	11/8/2017	15-05-18	—				LOA issued on 19.07.2019 . Bidder has not submitted requisite performance security. Hence agreement not yet done by L1 bidder (M/s VA Tech Wabag Ltd.) despite several reminders by BUIDCo.	
3		Kankarbagh-Zone	STP & Sewer Network	50	150	578.89	11/8/2017	15-05-18	—					
4		Bhagalpur	I&D works and STP at Bhagalpur	65	57.54	254.13	12/10/2017	Aug-18	—					Two Bids received. Financial Bid opened on 05.07.2019. Financial Bid Evaluation in progress. Financial Progress - 0.05 Cr
5		Begusarai	Sewerage Treatment Plant & Sewer Network	17	98	230.06	5/3/2018	Aug-18	—					NOC on Technical Evaluation Report received from NMCG and World Bank on 29.10.2019. Financial Bid to be opened on 07.11.2019. (Earlier contract terminated (Tritech), Revised AA&ES Rs. 230.06 Cr. Vide NMCG Lt. No.-T-13/2013-14-0283, Dt.- 05-03-18.Status of Previous work (Physical Progress-14%, Financial Progress -10.84 Cr.))
6		Chhapra	I&D and STP	32	18.95	236.15	30/11/2018	Apr-19	—					Two bidders have been found technically qualified. Financial Bid opened on 12.06.2019. Approval from the "BUIDCo Board" is awaited.
7		Fatua	I&D and STP	7	—	35.49	24/12/2018	Jun-19	—					
8	Danapur	I&D and STP	25	—	103.27	8/2/2019	Jun-19	—					One Bid received on 25.10.2019. Technical Bid Evaluation is in progress.	
9	Phulwarisariff	I&D and STP	7+6=13	—	46.25	8/2/2019	Jun-19	—						

Sr. No.	Status	Location	Project Name	STP Capacity (In MLD)	Sewer Network (In Km.)	Sanctioned Cost (Crore) GoI/GoB	Date of Sanction/ Date of AA&ES issue GoI/GoB	Date of NIT	Contract Price	Signing of Contract Contractors Name/ Date	Date of Completion (As per Agreement/ Projected by BUIDCo)	House Connection	Remarks	
10	Tendered Project	Khagaria	I&D and STP	4.5	—	21	24/12/2018	Jul-19	—	—			Technical bids opened on 12.09.2019. Technical bid evaluation is in progress.	
11		Munger	STP & Sewer Network	30	165.73	294.02	5/3/2018	—	—	—			Re-Tender Published. Last date of Bid is 28.11.2019. (Earlier contract terminated (IVRCL) Status of Previous work done(Physical Progress-21%, Financial Progress -3.25 Cr.),Revised AA&ES Rs. 294.02 Cr. Vide NMCG Lt. No.- J-13011/1/2009, Dt.- 05-03-18.)	
12		Muzaffarpur	Development works of Ghats	3 Ghats		10.77	7/3/2019							3 Bids received on 16.10.2019 (M/s Royal Engineers, M/s Sanjay Kumar Singh and M/s Baban Kumar Singh). Technical Evaluation is under progress.
13		Gopalganj	Development works of Ghats	2 Ghats		8.25	7/3/2019							1 Bid received on 17.10.2019 (M/s Baban Kumar Singh). Technical Evaluation is under progress.
1	Tender to be floated	Buxar	Sewerage Treatment Plant & Sewer Network	16	95	74.95(old)	—	—	—	—	As per agreement work was to be completed by May 2016 but work has been stopped.		After Termination of Contract with M/s Tri-Tech . Revised DPR has been submitted to NMCG for issuance of Revised AA&ES. It will be taken up by NMCG in 25th EC Meeting Scheduled on 08.11.2019 for approval. (Work under previous contractor Trittech. Boundary wall work is completed. Pipe laying 39.5 completed manholes 1331 Nos. out 4015 Nos. completed, IPS-1 at ITI ground 30 % civil work completed, STP - 70% Completed, Work stopped. Physical Progress-39%, Financial progress- 17.29 Cr. Due to no progress, contract has been terminated. NOC for termination is received.)	
1	Ongoing Projects	Patna	River Front Development of Patna	20 Ghat	6.6 Km	243.27 336.73 (Revd)	6/19/2013 26/02/2019	—	254.52 Cr.	L&T 24.04.14	23-03-2019 (Further extension not awarded till date)		16 No. Ghats completed and promenade 5.5 KM out of 6.6KM completed. AVT Building completed. ECO Centre completed and Community Culture finishing work in progress. Elevated promenade work in progress. Crematoria 100% completed. Rest work as waterways almost completed. Three Ghat works not takeover due to rise up of water in Bank. Revised proposal has been approved by world bank for Rs. 336.73 Cr. Physical Progress-92%,Financial progress- 288.60 Cr.	
Total				639.5MLD 25 Ghat	1747.92 KM	5542.31 5899.21						12165 1511013	कुल अद्यतन व्यय :- 1166.73 करोड़।	
1. पटना गंगा नदी तट विकास परियोजना फेज-2 के तहत नौजर घाट से नूरपुर घाट के बीच 27 घाट, 06 कि.मी. प्रोविनाड सहित अन्य संरचनाओं हेतु 218.00 करोड़ का प्रस्ताव।														
1	Total Sanctioned cost of Sewerage Project (for Patna) -				<u>3237.69 (GOI)</u> <u>3594.59 (GOB)</u>						House Connection up to date on 31.10.2019		Amount in Rs Crore	
2	Total Sanctioned cost of Sewerage Project (Excluding Patna) -				<u>2304.62 (GOI)</u> <u>2304.62 (GOB)</u>									
3	Grand Total (1+2)				<u>5542.31 (GOI)</u> <u>5899.21(GOB)</u>									
4	RFD Patna Project				<u>243.27 Cr.</u> <u>336.73 Cr. (Revised Cost)</u>									
5	Other Ghats				19.02 Cr.									
6	Total Expenditure				1166.73 crore (31.10.2019)									
Status of DPR Preparation:														
23 Ganga Towns: All prepared and sent to NMCG. Approval Awaited for Manihari, Dighwara, Teghra (Total- 3). Kahalgaon & Barahiya towns taken for approval 25th EC meeting at NMCG on 08.11.2019(Total-02). Buxar approval awaited from NMCG which will be taken for approval 25th EC meeting at NMCG on 08.11.2019. Jamalpur revised DPR and compliance report awaited from BUIDCo.														
15 Tributaries Town: Prepared and sent to NMCG for approval- Gopalganj, Arwal and Darbhanga (Total- 03). Dehri and supaul towns taken for approval 25th EC meeting at NMCG on 08.11.2019(Total-02). Muzzaffarpur revised DPR and compliance report awaited from BUIDCo. Rest of out of 9 towns 7 from NEERI, 1 (Samastipur) from REPL & 1 (Bagaha) from Dara Shah & PSB the DPR not received yet. DPR for 4 towns Raxaul, Jogbani, Narkatiyaganj and harinagar related to Hon'ble NGT are under preparation by NEERI.														

Status of Screening with Schemes

River Ganga					
Sl.No	ULBs Name	No. of Nallas	Name of Nallas	No.of Nallas where screens have been installed	Remarks
1	Patna Municipal Corporation	20	Digha Ghat Nala (Cannal)	Completed	Patna has 11 schemes related to STP & Network.After To completion of These Schemes domestic Sewage will be trapped at To household level itself and it will reach to STP for tretament through network. So no domestic sewage will flow through These nallas. Nallas have been Screened. This will control To flow To floating solid waste material in to the river Ganga to a great extend.
			Kurzi Nala	Completed	
			Mandiri (BansGhat Nala)	Completed	
			Krishna Ghat Nala	Completed	
			Barharwa Ghat Nala	Completed	
			Rani Ghat Nala	Completed	
			Ghagha Ghat Nala	Completed	
			Masjid Ghat Nala	Completed	
			Loharwa Ghat Nala	Completed	
			Gosai Ghat Nala	Completed	
			Bhadra Ghat Nala	Completed	
			Nauzar Ghat Nala	Completed	
			Mittan Ghat Nala	Completed	
			Badshahi Nala	Completed	
			Gay Ghat Nala	Completed	
			Mahavir Ghat Nala	Completed	
			Balu Ghat Nala	Completed	
			Rajapur	Completed. (4 additional screens have been installed)	
			Mandiri Nala	Completed	
Anta Ghat Nala	Completed				
Kali Ghat Nala	Completed				
2	Phulwarisariff	5	Khagaol Aasiyana overbridge crossing Nalla	Completed	To Cater all nallas of scheme comprising I&D and STP has been sanctioned.
			Issopur Raichowk nalla	Completed	
			Mitramandal Colony Nalla	Completed	
			Faridapur Nalla	Completed	
			Birla Colony Nala B	Completed	
3	Maner Nagar Panchayat	3	Maner bazar Nala	Completed	To Cater all nallas of scheme comprising I&D and STP has been sanctioned.
			Ram Nagina Singh College Nala	Completed	
			Ram Ghat Nala	Completed	
4	Danapur Nagar Parishad	1	Danapur Cant Nala	Completed	To Cater all nallas of scheme comprising I&D and STP has been sanctioned.
5	Bakhtiyarpur Municipal Council	1	Raghopur Dagar Nala	Completed	To Cater all nallas of scheme comprising I&D and STP has been sanctioned.

6	Barh Municipal Council	7	Pipal Ghat Nala	Completed	To Cater all nallas of scheme comprising I&D and STP has been sanctioned.
			Shalimpur Nala	Completed	
			Malina Ghat Nala Ward no. 11 Salempur Barh	Completed	
			Dhobiya Ghat, Laxmi flour mill	Completed	
			Gauri shankar Ghat	Completed	
			Talimpur Nala	Completed	
			Dayachak Nala	Completed	
7	Mokama Municipal Council	4	Tapaswi Ghat Nala	Completed	To Cater all nallas of scheme comprising I&D and STP has been sanctioned.
			Chaudhry Ghat, Pipal tal	Completed	
			Kamleshwari Asthan Nala	Completed	
			Sidhnath Mandir	Completed	
8	Munger Municipal Council	1	Lal Darwaja Nala	Completed	Munger has 1 schemes related to STP & Network. After completion of These Schemes domestic Sewage will be trapped at To household level itself and it will reach to STP for treatment through network. So no domestic sewage will flow through These nallas. Nallas have been Screened. This will control To flow To floating solid waste material in to the river Ganga to a great extend.
9	Sultanganj Municipal Council	7	Masjid Ghat Nala	Completed	To Cater all nallas of scheme comprising I&D and STP has been sanctioned.
			Vishari Asthan Ghat Nala (1st)	Completed	
			Vishari Asthan Ghat Nala (2nd)	Completed	
			Jahaj Ghat Nala	Completed	
			Krishngarh Bhatta gali Nala	Completed	
			New Sidhi Ghat masjid ke bagal wala Nala	Completed	
			New Sidhi Ghat Nala	Completed	
10	Bhagalpur Municipal Corporation	15	Adampur Nala	Completed	To Cater all nallas of scheme comprising I&D and STP has been sanctioned.
			Hathiya Nala intek wel ke najdik	Completed	
			Surkhilal Nala	Completed	
			Sakhichand Nala	Completed	
			Barari Ghat Nala, Vikramshila bridge ke najdik	Completed	
			Nil Kothi Nala	Completed	
			Pipal dham Nala -1	Completed	
			Pipal dham Nala -2	Completed	
			Kuppa Ghat	Completed	
			Koyal Ghat	Completed	
			Hathiya Nala, Tilkamanjhi ke najdik	Completed	
			S.T.P Nala Bhagalpur	Completed	
			Shahebganj Miyabari Nala	Completed	
			Champa Nala -1	Completed	
Champa Nala -2	Completed				

11	Buxar Municipal Council	7	Nath baba Nala (Cannal)	Completed	Buxar has 1 schemes related to STP & Network.After To completion of These Schemes domestic Sewage will be trapped at To household level itself and it will reach to STP for tretament through network. So no domestic sewage will flow through These nallas. Nallas have been Screened. This will control To flow To floating solid waste material in to the river Ganga to a great extend.
			Tadka Nala	Completed	
			Sati gaht	Completed	
			Sidhnath Nala (Hospital Nala)	Completed	
			Saripur Nala	Completed	
			Bangla Ghat Nala	Completed	
			Sohanipatti Nala	Completed	
12	Barahiya Nagar Panchayat	4	Krishn Chawk Nala	Completed	To Cater all nallas of scheme comprising I&D and STP is in progress.
			Baba Dani Mohalla Nala	Completed	
			Bangal kunj taal Nala	Completed	
			Bah path Nala	Completed	
13	Jamalpur Municipal Council	4	Ramnagar Nalla	Completed	To be completed by 10.08.2019 To Cater all nallas of scheme comprising I&D and STP is in progress.
			Laxmipur Nalla	Completed	
			Aashikpur Nalla	Completed	
			Faridapur Nalla	Completed	
14	Kahalgaon Nagar Panchayat	6	Kagali Nala	Completed	To Cater all nallas of scheme comprising I&D and STP is in progress.
			L.C.T Nala	Completed	
			Asamsan Ghat Nala	Completed	
			Pampu Nala	Completed	
			Badshahi Nala	Completed	
			Koyala Nala	Falls under Rural Area	
15	Chhapra Municipal Council	1	Khanua Nala	Completed	To Cater all nallas of scheme comprising I&D and STP has been sanctioned.
16	Sonepur Nagar Panchayat	1	Barwatta Nala	Completed	To Cater all nallas of scheme comprising I&D and STP has been sanctioned.
17	Hajipur Municipal Council	1	Subhash Chowk Nala	Completed	Hajipur has 1 schemes related to STP & Network.After To completion of These Schemes domestic Sewage will be trapped at To household level itself and it will reach to STP for tretament through network. So no domestic sewage will flow through These nallas. Nallas have been Screened. This will control To flow To floating solid waste material in to the river Ganga to a great extend.
18	Begusarai Municipal Council	1	Pokhariya Nala Mohammadpur Jail ke najdik	Completed	Begusarai has 1 schemes related to STP & Network.After To completion of These Schemes domestic Sewage will be trapped at To household level itself and it will reach to STP for tretament through network. So no domestic sewage will flow through These nallas. Nallas have been Screened. This will control To flow To floating solid waste material in to the river Ganga to a great extend.
19	Khagariya Municipal Council	2	Daan nagar By-Pass Nala	Completed	To Cater all nallas of scheme comprising I&D and STP has been sanctioned.
			P.W High school Nala	Completed	

20	Naugachiya Nagar Panchayat	15	New basti Nala	Completed	To Cater all nallas of scheme comprising I&D and STP has been sanctioned.
			Maa Tara Bhawan Nala	Completed	
			Ward no. -08 Nala	Completed	
			Station road Nala (1)	Completed	
			Station road Nala (2)	Completed	
			Durga Asthan Nala	Completed(link with station road nalla.)	
			Ward no. -03 Nala	Completed	
			Milan Chawk Nala	Completed	
			Ward no. - 09 Nala	Completed	
			Noniya patti, ward no. -20 Nala	Completed	
			Mushar patti, ward no- 13 Nala	Completed	
			Rajendra Colony, ward no- 05 Nala	Completed	
			Nagar Panchyat karyalaya ke bagal me ward no- 16	Completed	
			Hardiya patti, ward no- 21 Nala	Completed	
Hero Honda showroom ke bagal me ward no- 21 Nala	Completed				
21	Dighwara Nagar Panchayat	8	Bagahing tola	Completed	To Cater all nallas of scheme comprising I&D and STP is in progress.
			Marchav Baba Mandir	Completed	
			UMV Nala	Completed	
			Post office road	Completed	
			Market Area	Completed	
			R. Primary school	Completed	
			Barbana	Completed	
			M.S Basadpur	Completed	
22	Teghra Nagar Panchayat	2	Teghra Chowk	Completed	To Cater all nallas of scheme comprising I&D and STP is in progress.
			Mukhtaj Nala	This is pump house.	
23	Manihari Nagar Panchayat	3	Pirpatra Nala	Completed	To Cater all nallas of scheme comprising I&D and STP is in progress.
			Primari Health School Nalla	Completed	
			Pachimi Mohala ward no.-14 Nala	Completed	

River Punpun					
1	Fatuha Municipal Council	7	Kali Ghat Samaspur	Completed	Fatua is situated on To confluence of River Ganga & Punpun.
			Maksudpur Nala (East)	Completed	
			Maksudpur Nala (West)	Completed	
			Kataiya Ghat	Completed	
			Devanti Ghat	Completed	
			Mastana Ghat	Completed	
			Bankipur Ghorkak Nala	Completed	
Total	126				

1. Total Nallas- 126
2. Screened Nallas- 124
3. Screening in progress- 0
4. Not Required Screen installation- 2

Solid Waste Management Status Report in Ganga Towns																			Date:-26.09.2019						
Sl. No	Name of the ULB	Whether ULB will be Planning for Decentralised Processing of Solid Waste	Availability of Land for Processing activity				Remarks	Construction of Compost Pits for Processing of Wet Waste				spring p/o project	No. of Wards with door to door collection	Gap door to door collection	Segregation at Source (Wet & Dry Waste)		Composting Activity				Landfill				
			Total Sites required for Decentralised/Centralised Solid Waste Processing activity	Sites available with ULB for Solid Waste Processing activity	Gap in Required W/ Available at Site	Remarks		No. of sites in which construction of pits started	Gap (sites available vs sites in which construction of pits started)	No. of sites in which construction of pits completed	Gap (pits started vs pit completed)				Remarks	No. of Wards started Segregation at source	Achievement	No. of Sites in which Composting started	Gap in Composting activity as construction of pit completed	Remarks	Identification of Sanitary Landfill sites (NOC. Awaited)	Availability of Sanitary Landfill sites	Site not identified on ULB in proposal for sanitary through EOI	Remarks	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
1	Patna Nagar Nigam	Centralised	1	1	0	72 Acre of land available with ULB on Patna Gaya rpute Ramchak Bariya	0	1	0	0	Centralised Waste Processing (Waste to Energy plant)	75	75	0	57000	0	0	75	0	0	waste to energy(But yet not started)	0	1	0	72 Acre of land available with ULB on Patna Gaya rpute Ramchak Bariya
2	Maner Nagar Panchayat	Centralised	1	0	1	NOC received, but outer part of the land is encroached, District Administration has given notice to remove encroachment on dated 21.06.19. Presently an order by High Court to maintain status Quo for four weeks has been issued. There after EOI has been sent to IPFD for availability of land on lease	0	0	0	0	Identification of Land for Solid Waste processing activity is in Progress	19	19	0	20832	10000	Target Date 15-09-2019	19	0	0	Not started	0	1	0	Land made available of 68 decimals by CD for Landfill.
3	Danapur Nagar Parishad	Centralised	1	1	0	One land of 63 Katha available, but out of 63 Katha, will use 5 Katha for processing.	1	0	0	1	Construction started in one location	40	40	0	63864	55000		40	0	0	Not started	0	0	1	land for landfill site is not identified. It is in Progre
4	Bahthiyarpur Nagar Parishad	Decentralised	4	4	0	Land is made available by C O at 4 places (15000sq feet) for Decentralised Processing	0	4	0	0	Construction started soon in one location	27	27	0	24906	15000		27	0	0	Not started	1	0	0	Landfill site identified and will be acquired near Dhoya river
5	Barh Nagar Parishad	Decentralised	4	1	3	Land made available at the trenching ground for processing activity.	1	0	0	1	Construction started	27	27	0	20560	20560		27	0	0	Not started	0	0	1	land for landfill site is identified. It is in Progress
6	Mokama Nagar Parishad	Decentralised	4	1	3	1- Identified 2 Locations with 8000 Sq. Ft each. Disputed Land and NOC Awaited. 2- D.M. has instructed to C.O. to resolve the land dispute. 3- At landfill site 3000 Sq. Ft land identified and construction of pits start	1	0	0	1	In 3000 Sq. Ft land construction of pits (12 pits) started.	28	28	0	30354	6800		28	0	0	Pit Composting & MRF	1	0	0	5 acre land identified for sanitary landfill facility. NOC Awaited
7	Munger Nagar Nigam	Centralised	1	1	0	1. Own land available for processing activity. 2. Bio-composter installed in 10 wards. 3. Proposed to install Bio-Composter in another 10 wards.	1	0	1	0	Pit Construction started in One location.	45	45	0	65782	40000		30	15	1	Through Windrow and Bio-Composter (in 10 wards)	0	1	0	11 Acre of land available with ULB for sanitary landfill activity in Churamba place.
8	Sultanganj Nagar Parishad	Decentralised	4	4	0	Construction Completed	2	2	1	1	1 pit completed and other pit Construction started.	25	25	0	24620	20000		25	0	2	Pit Composting & MRF	0	1	0	Land identified of 5 Acre at Rasidpur Mouja
9	Bhagalpur Nagar Nigam	Decentralised	5	5	0	5 No. of lands available with ULB 1. Ward no-45 2. Ward no-50 3. Ward no-27 4. Ward no-11 5. Ward no-20	2	3	0	2	Work started in ward 3 & 28	51	51	0	150000	100000		42	9	0	Pit Composting & MRF	0	1	0	1- Land of 4 Acre 61 Decimal available with ULB. 2- Letter has been sent to DM Bhagalpur to provide remaining land for landfill site.
10	Buxar Nagar Parishad	Decentralised	3	3	0	3 land identified for Processing activity.	2	1	1	0	1- One Place construction of pits completed. 2- In another 2 place water logged due to which construction work not start	34	34	0	15420	13768		34	0	1	Pit Composting & MRF	1	0	0	5 acre land identified acquisition in Nadaon Mauza Buxar. Application pending at UDHD for fund (DM Buxar letter no 3-0007 dated 08-06-2019)
11	Barahiya Nagar Panchayat	Decentralised	2	2	0	Land identified for processing activity	2	0	2	0	2 No. of Composting machine each with 4 ton capacity has been purchased by the ULB and trial run completed.	24	24	0	18918	18500		24	2	0	Through Mechanical Composting Machine	0	0	1	Land identification for sanitary landfill facility is in progress. EOI published
12	Jamalpur Nagar Parishad	Centralised	1	1	0	One land of 7879.12 sq. feet is available with ULB for processing activity.	0	1	0	0	Construction of compost pits started in one location.	36	36	0	40222	30000		10	26	0	Construction of Pit & Composting work will start soon	0	1	0	Land available for sanitary landfill with ULB of 3.5 Acre in Mungrausa Mauza.
13	Kahalgaoon Nagar Panchayat	Centralised	1	1	0	One land of 10 Katha is available for processing activity.	1	0	0	1	construction started	17	17	0	17524	Green bin 5000 Blue - Nil		2	15	0	Not started	0	1	0	2.5 Acre land available at Purab Tala Ganga Nagar with ULB for landfill site.
14	Chhapra Nagar Nigam	Decentralised	2	2	0	Shyam Chhak Barahiya & Ward-44, Railway Dhala	2	0	1	1	Construction of pits completed	45	45	0	41652	49600		45	1	0	Pit Composting & MRF	0	0	1	EOI published for purchase of land for sanitary landfill site.
15	Sonpur Nagar Panchayat	Decentralised	3	3	0	Land available with ULB for processing in ward no-21, 18, 3 & 1 each of 4 katha approx.	2	1	0	2	Construction of Pits Started in Ward No-21 & 19	21	21	0	13254	13000		21	0	0	Pit Composting & MRF	0	0	1	Land identification is in progress.
16	Hajipur Nagar Parishad	Decentralised	4	2	2	2 land (7 Katha & 5 Katha) available with ULB and 2 land identification is in process	2	0	0	2	1- Construction of pits completed in one site but shed work is in progress.	39	39	0	58798	10000		1	38	0	Pit Composting & MRF	0	0	1	Identification of land for landfill facility is in progress. EOI published and proposal received from 2 parties.
17	Begusarai Nagar Nigam	Decentralised	10	6	4	6 land available with ULB for processing activity	2	4	1	1	Construction started in 3 sites. Construction of pits completed at one location at Ward No-11 (sweepers colony). Composting at this site will be started soon	45	45	0	103000	50202		10	35	1	Pit Composting & MRF	0	1	0	land available in (Kyath Mouza- Area 7 acre).

Sl. No	Name of the ULB	Whether ULB will be financing for Decentralised Processing of Solid Waste	Availability of Land for Processing activity				Construction of Compost Pits for Processing of Wet Waste				Total No. of Wards	No. of Wards with Door to Door Collection	Gap Door to Door Collection	Segregation at Source (Wet & Dry Waste)				Composting Activity				Landfill			
			Total Sites required for Decentralised/ Centralised Waste Processing Activity	Sites available with ULB for Solid Waste Processing activity	Gap in Required V. Available at site	Remarks	No. of sites in which construction of pits started	Gap (sites available V. sites in which construction of pits started)	No. of sites in which construction of pits completed	Gap (pits started V. pits completed)				Remarks	Target	Achievement	No. of Wards started Segregation at source	Gap in Segregation at source	No. of Sites in which Composting Started	Gap in Composting activity as construction of pit completed	Remarks	Identification of Sanitary Landfill site (NOC Available)	Availability of Sanitary Landfill sites	Site not identified or ULB is processing waste in its own land for sanitary through EOI	Remarks
18	Khagaria Nagar Parishad	Centralised	1	0	1	1- Land identified but Status Quo by High Court on the identified land for one month. 2- EOI also published by the ULB but proposal not received. 3-ULB again published. An Offer of land is received after the publication of the EOI. Action is being taken.	0	0	0	0	Construction of pits not started	26	26	0	25692	10000	20	6	0	0	Not started	0	0	1	Land identification not done. EOI published but no proposal received.
19	Naugachya Nagar Panchayat	Decentralised	3	2	1	2 land available with ULB each of 3000sqfeet. 1. Makha takiya-3000sqfeet 2.Nawada- 3000sqfeet. For one land EOI is published	2	0	1	1	1- Construction work completed at Makha Takiya Ward No-15. 2- Work started on another processing site.	23	23	0	19290	19290	10	13	0	1	Pit Composting & MRF	0	1	0	2.5 Acre land available at Jamunia More with ULB for landfill site.
20	Dighwara Nagar Panchayat	Decentralised	3	3	0	Land in Ward No-17 (Basatpur-3000 Sq. ft), Ward No-5 (3000 Sq. ft) and Ward No-12 (3000 Sq. ft) is available for processing.	3	0	1	0	1- Layout carried out in 2 Place and in Ward No-17 (20 pits constructed) 2- Order Placed in GeM portal for purchase of Mechanical Composting Machine (1 Nos.)	18	18	0	16526	16506	18	0	1	0	Through Mechanical Composting Machine	0	1	0	EOI published to purchase land for landfill site. Pans Bazar and Dighwara will completely go for sanitary landfill facility.
21	Teghra Nagar Panchayat	Decentralised	2	2	0	2 lands identified for Processing activity (3000 Sq. ft each)	0	2	0	0	1- Layout carried out in 2 Place in Ward No-14, due to objection by local people work stopped. 2- Order Placed in GeM portal for purchase of hand trolley (50 Nos.), 5-Riksha (25 Nos.)	25	12	13	21204	21500	0	25	0	0	not started	0	1	0	The same land of Bihat available for sanitary landfill facility will also be used by Teghra to develop Sanitary Landfill facility.
22	Manihari Nagar Panchayat	Decentralised	2	1	1	7 Decimal of land available with ULB at Mouza-Manihari.	1	0	0	1	Work order given to start construction	15	15	0	13848	15094	5	10	0	0	Pit Composting & MRF	0	0	1	Land is not available for landfill facility. EOI published and proposal received from 3 party and after verification of land file submitted to D.M.
23	Fatuha Nagar Parishad	Decentralised	2	2	0	EOI Published and two lands selected for processing activity at 1-Raipura-6000 Sq. ft 2-Sanoraha-6000 Sq.	0	2	0	0	Started	27	27	0	16408	20000	0	27	0	0	Pit Composting & MRF	0	0	1	Landfill site identified. EOI published document verification is in progress.
Total			64	48			27	9			732	719				228	9								
1	Jogbari Nagar Panchayat	Decentralised	2	1	1	one land of 14 decimal available in ward no-1.	0	1	0	0	Tender sent to IPRED for publication	19	19	0		16500	19	0	0	0	Not started				Land identified at Mouza Jogbari- Area 0.10 Acre
Total			2	1	1		0	1	0	0		19	19	0			19	0	0	0					
1	Raxaul Nagar Parishad	centralised	1	1	0	20 Decimal land identified at Kodhar.	0	1	0	0	1- Earth filling work done. Water logged in the construction sites and work stop for some time. 2- Again work start but due to objection by local community work stopped.	25	25	0		10000	0	25	0	0	Not started	0	1	0	1-57 decimal land available with ULB. 2- For rest land EOI will be published.
Total			2	1	0		0	1	0	0		25	25	0			0	25	0	0					
1	Narkatiyaganj Nagar Parishad	Decentralised	4	4	0	4 lands available with ULB for processing activity. 1. Sagar mill 2. Nandpur khori 3. Dhoomnagar 4. Railway Colony.	1	3	1	0	Construction of pits completed at one location (Railway Colony).	25	25	0		5000	2	23	0	1	Not started, at railway Colony processing will be started by 10th Sep, 2019	0	1	0	5 Acre of land available for sanitary landfill site in Jai Mangalapur.
Total			4	4	0		1	3	1	0		25	25	0			2	23	0	1					
1	Ramnagar Nagar Panchayat	Decentralised	2	2	0	Land available in Ward No-13 & 7	2	0	0	2	Construction of pits completed at one location (Railway Colony).	23	23	0		7000	0	23	0	0	Not started	0	1	0	Tighri Bohari- 2.5 acre land available.
Total			2	2	0		2	0	0	2		23	23	0			0	23	0	0					

Status of different components of SWM and allied work at Ghats

Date-20.11.2019

River Ganga								
Sl.No.	ULBs Name	Ghats	Garbage Dump site	Garbage Vulnerable Points(GVPs)	Cleanliness condition of Ghats	Anti -littering Msg Board	Litter bins	Remarks
1	Patna Municipal corporation	20	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	
1 (a)	Phulwarisariff		-	-	-	-	-	
2	Maner Nagar Panchayat	1	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	
3	Danapur Nagar Parishad	10	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	
4	Bakhtiyarpur Municipal Council	3	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	
5	Barh Municipal Council	6	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	
6	Mokama Municipal Council	16	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	
7	Munger Municipal Council	3	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	
8	Sultanganj Municipal Council	2	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	
9	Bhagalpur Municipal Corporation	7	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	
10	Buxar Municipal Council	7	1	Cleaned	Cleaning continues on regular basis	1 Installed and rest to be completed by 31/12/2019	Completed	
11	Barahiya Nagar Panchayat	2	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	
12	Jamalpur Municipal Council	0	0	-	-	-	-	
13	Kahalgaon Nagar Panchayat	3	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	
14	Chhapra Municipal Council	1	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	

15	Sonepur Nagar Panchayat	6	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	
16	Hajipur Municipal Council	8	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	
17	Begusarai Municipal Council	1	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	
18	Khagariya Municipal Council	2	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	
19	Naugachiya Nagar Panchayat	1	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	
20	Dighwara Nagar Panchayat	1	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	
21	Teghra Nagar Panchayat	2	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	
22	Manihari Nagar Panchayat	1	0	Cleaned	Cleaning continues on regular basis	Completed	Completed	

River Punpun

23	Fatuha Municipal Council	4	0	Cleaned	Cleaning continues on regular basis	2 Installed and rest to be completed by 31/12/2019	2 Installed and rest to be completed by 31/12/2019	
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River Ramrekha

24	Harinagar (Ramnagar) Nagar Panchayat	—	—	—	—	—	—	
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25	Narkatiyaganj Nagar Parishad	—	—	—	—	—	—	
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River Sirsia

26	Raxaul Nagar Parishad	—	—	—	—	—	—	
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River Parmar

27	Jogbani Nagar Panchayat	—	—	—	—	—	—	
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	Total	73	1					
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Urban Development & Housing Department

Report of Plastic Carry Bags raid since coming into effect of Plastic Waste Management Byelaws (23/12/2018) till date

Division	Name of District	Name of ULB	Total Shops/ Establishments raided	Total Fine Collection in Rs.	Total seizure of Plastic Carry Bags in KG	
Patna	Patna	Patna Nagar Nigam	25146	1194880	4609.84	
		Danapur Nagar Parishad	1079	17600	12	
		Phulwarisharif Nagar Parishad	949	31900	38	
		Barh Nagar Parishad	1722	12950	10.55	
		Mokama Nagar Parishad	147	27100	26	
		Masaurahi Nagar Parishad	680	57500	143.5	
		Khagaul Nagar Parishad	2067	43500	4.66	
		Bakhtiyarpur Nagar Parishad	587	30100	64	
		Fatuha Nagar Parishad	832	42700	74	
		Maner Nagar Panchayat	469	13000	11.8	
		Naubatpur Nagar Panchayat	140	28000	9	
		Vikram Nagar Panchayat	313	3100	3.1	
		Khushrupur Nagar Panchayat	222	9700	8	
	Total of Patna District			34353	1512030	5014.45
	Nalanda	Biharsharif Nagar Nigam	739	58500	204	
		Hilsa Nagar Parishad	125	40500	23.8	
		Rajgir Nagar Panchayat	147	27800	13.7	
		Islampur Nagar Panchayat	267	20790	24.3	
		Silao Nagar Panchayat	120	9400	83	
	Total of Nalanda District			1398	156990	348.8
	Rohtas	Sasaramn Nagar Parishad	233	41000	71	
		D.Dalmiyanagar Nagar Parishad	546	17300	24.3	
		Bikramganj Nagar Parishad	63	22800	33.6	
		Nokha Nagar Panchayat	122	33300	14.7	
		Nasriganj Nagar Panchayat	380	29800	21.1	
		Koath Nagar Panchayat	245	5000	1.2	
		Kochas Nagar Panchayat	699	15300	31.25	
	Total of Rohtas District			2288	164500	197.15
	Bhojpur	Arah Nagar Nigam	5153	62500	163.7	
		Piro Nagar Panchayat	455	2400	22.4	
		Jagdishpur Nagar Panchayat	3359	24000	15.5	
		Bihyan Nagar Panchayat	3137	49900	55.83	
		Shahpur Nagar Panchayat	364	18700	0.78	
koilawar Nagar Panchayat		2062	20600	4.1		
Total of Bhojpur District			14530	178100	262.31	
Buxar	Buxar Nagar Parishad	1078	47900	1477		
	Dumraon Nagar Parishad	1497	48900	52		
Total of Buxar District			2575	96800	1529	
Kaimur	Bhabua Nagar Parishad	2205	50200	38		
	Mohaniya Nagar Panchayat	305	59500	1540		
Total of Kaimur District			2510	109700	1578	
Total of Patna Division			57654	2218120	8929.71	
Muzaffarpur	Muzaffarpur Nagar Nigam	2600	85800	330		
	Motipur Nagar Panchayat	449	15000	6.7		
	Kanti Nagar Panchayat	197	52900	39.95		
	Shahebganj Nagar Panchayat	113	59100	21		

Total of Muzaffarpur District		3359	212800	397.65		
Tirhut	Purvi-Champaran	Motihari Nagar Parishad	1733	95700	681.5	
		Raxaul Nagar Parishad	695	66100	774.7	
		Dhaka Nagar Parishad	625	45600	54.6	
		Sugauli Nagar Panchayat	104	16800	6.55	
		Pakridayal Nagar Panchayat	155	4500	5	
		Areraj Nagar Panchayat	1057	28000	23.2	
		Mehsi Nagar Panchayat	210	3900	0.64	
		Chakiya Nagar Panchayat	131	17500	13	
		Kesariya Nagar Panchayat	115	15000	4	
Total of Purvi- Champaran District		4825	293100	1563.19		
Tirhut	Paschim-Champaran	Bettiah Nagar Parishad	605	72100	45.67	
		Bagaha Nagar Parishad	490	42200	33.8	
		Narkatiyaganj Nagar Parishad	197	36800	36	
		Ramnagar Nagar Panchayat	478	12800	9.6	
		Chanpatiya Nagar Panchayat	963	25500	10.3	
Total of Paschim- Champaran District		2733	189400	135.37		
Tirhut	Vaishali	Hajipur Nagar Parishad	2294	51100	105	
		Mahnar Nagar Panchayat	464	16500	17.2	
		Lalganj Nagar Panchayat	324	9700	7	
		Mahua Nagar Panchayat	195	23600	16.25	
Total of Vaishali District		3277	100900	145.45		
Tirhut	Sitamarhi	Sitamarhi Nagar Parishad	1008	73300	202	
		Bairginiya Nagar Panchayat	86	30000	33	
		Belsand Nagar Panchayat	62	3000	3.5	
		Dumra Nagar Panchayat	125	21000	29.5	
		Sursand Nagar Panchayat	18	3400	26.1	
		Janakpur Road Nagar Panchayat	57	21020	90	
Total of Sitamarhi District		1356	151720	384.1		
Tirhut	Sheohar	Sheohar Nagar Panchayat	2124	41600	64.1	
Total of Sheohar District		2124	41600	64.1		
Total of Tirhut Division		17674	989520	2689.86		
Munger	Begusarai	Begusarai Nagar Nigam	2079	75500	428	
		Bihat Nagar Parishad	497	14200	71.9	
		Baliya Nagar Panchayat	772	33300	112	
		Bakhri Nagar Panchayat	641	33650	162.6	
		Teghra Nagar Panchayat	319	40300	55.9	
	Total of Begusarai District		4308	196950	830.4	
	Munger	Munger	Munger Nagar Nigam	463	29600	75.4
			Jamalpur Nagar Parishad	347	41000	69.25
			Haveli Kharagpur Nagar Panchayat	246	7600	19
	Total of Munger District		1056	78200	163.65	
	Munger	Lakhisarai	Lakhisarai Nagar Parishad	1812	42800	64
			Barahiya Nagar Panchayat	760	11000	75
	Total of Lakhisarai District		2572	53800	139	
	Munger	Jamui	Jamui Nagar Parishad	182	40500	24.4
			Jhajha Nagar Panchayat	95	43100	174.5
	Total of Jamui District		277	83600	198.9	
	Munger	Sheikhpura	Sheikhpura Nagar Parishad	316	23500	20.5
Barbigha Nagar Parishad			844	19000	64.25	
Total of Sheikhpura District		1160	42500	84.75		
Munger	Khagariya	Khagariya Nagar Parishad	1087	91200	889.2	
		Gogri Jamalpur Nagar Panchayat	147	25500	13	
Total of Khagariya District		1234	116700	902.2		
Total of Munger Division		10607	571750	2318.9		
Gaya	Gaya	Gaya Nagar Nigam	1165	290000	22942.45	
		Bodhgaya Nagar Panchayat	642	57600	75	

Magadh	Gaya	Sherghati Nagar Panchayat	368	27700	30
		Tikari Nagar Panchayat	402	13400	83.5
	Total of Gaya District		2577	388700	23130.95
	Aurangabad	Aurangabad Nagar Parishad	1450	34600	67
		Daudnagar Nagar Parishad	734	14000	13.5
		Rafiganj Nagar Panchayat	199	59000	67.5
		Navinagar Nagar Panchayat	365	13500	19.5
	Total of Aurangabad District		2748	121100	167.5
	Nawada	Nawada Nagar Parishad	2597	82000	168.9
		Warsaliganj Nagar Panchayat	1069	30700	39.22
		Hisua Nagar panchayat	656	74400	51.55
	Total of Nawada District		4322	187100	259.67
	Jehanabad	Jehanabad Nagar Parishad	1286	37010	59.32
		Makhdumpur Nagar Panchayat	282	22200	5.43
Total of Jehanabad District		1568	59210	64.75	
Arwal	Arwal Nagar Parishad	312	35100	92.5	
Total of Arwal District		312	35100	92.5	
Total of Magadh Division		11527	791210	23715.37	
Purnia	Purnia	Purnia Nagar Nigam	168	76600	311
		Kasba Nagar Panchayat	285	13800	11.5
		Banmankhi Nagar panchayat	1090	66600	60
	Total of Purnia District		1543	157000	382.5
	Katihar	Katihar Nagar Nigam	161	112500	2206.5
		Manihari Nagar Panchayat	225	10500	31.35
		Barsoi Nagar Panchayat	41	10400	23.65
	Total of Katihar District		427	133400	2261.5
	Araria	Araria Nagar Parishad	439	101300	40.9
		Farbisganj Nagar Parishad	500	71500	46.7
		Jogbani Nagar Panchayat	258	27300	33.7
	Total of Araria District		1197	200100	121.3
	Kishanganj	Kishanganj Nagar Parishad	890	45800	22.2
		Bahadurganj Nagar Panchayat	85	6700	2.3
Thakurganj Nagar Panchayat		454	40500	39.595	
Total of Kishanganj District		1429	93000	64.095	
Total of Purnia Division		4596	583500	2829.395	
Saran	Saran	Chhapra Nagar Nigam	1734	47900	835
		Rivilganj Nagar Panchayat	805	48100	2.81
		Sonpur Nagar Panchayat	283	38540	27
		Parsabazar Nagar Panchayat	448	18700	45
		Dighwara Nagar Panchayat	300	8425	7.5
		Ekmabazar Nagar Panchayat	28	47300	17.25
		Marhaura Nagar Panchayat	52	3300	0.75
	Total of Saran District		3650	212265	935.31
	Siwan	Siwan Nagar Parishad	48	34000	118
		Maharajganj Nagar Panchayat	192	7800	9.6
		Mairwan Nagar Panchayat	535	69300	36.64
	Total of Siwan District		775	111100	164.24
	Gopalganj	Gopalganj Nagar Parishad	3608	79200	343.1
		Barauli Nagar Panchayat	100	20200	25.25
Mirganj Nagar Panchayat		420	37600	72.5	
Kataiya Nagar Panchayat		490	22000	20.45	
Total of Gopalganj District		4618	159000	461.3	
Total of Saran Division		9043	482365	1560.85	
Darbhanga	Darbhangha Nagar Nigam	175	25575	140.5	
	Benipur Nagar Parishad	165	43700	81	
	Total of Darbhanga District		340	69275	221.5
		Madhubani Nagar Parishad	533	33500	122.5

Darbhanga	Madhubani	Jhanjharpur Nagar Panchayat	32	48000	435
		Jainagar Nagar Panchayat	200	31600	1180
		Ghoghardiha Nagar Panchayat	80	18100	57
	Total of Madhubani District		845	131200	1794.5
	Samastipur	Samastipur Nagar Parishad	909	65300	657
		Rosera Nagar Panchayat	344	29500	20.5
		Dalsinghsarai Nagar Panchayat	436	30100	74
Total of Samastipur District		1689	124900	751.5	
Total of Darbhanga Division		2874	325375	2767.5	
Bhagalpur	Bhagalpur	Bhagalpur Nagar Nigam	54	54000	19.12
		Sultanganj Nagar Parishad	249	23900	9.9
		Naugachiya Nagar Panchayat	722	32000	58.05
		Kahalgaon Nagar Panchayat	212	12000	7
	Total of Bhagalpur District		1237	121900	94.07
	Banka	Banka Nagar Parishad	958	58900	45
		Amarpur Nagar Panchayat	257	26200	14.35
Total of Banka District		1215	85100	59.35	
Total of Bhagalpur Division		2452	207000	153.42	
Koshi	Saharsa	Saharsa Nagar Parishad	519	61500	2059
		Simari Bakhtiyarpur Nagar	267	15400	26
	Total of Saharsa District		786	76900	2085
	Supaul	Supaul Nagar Parishad	465	67700	61
		Nirmali Nagar Panchayat	207	9400	4.5
		Birpur Nagar Panchayat	226	9900	5.65
	Total of Supaul District		898	87000	71.15
	Madhepura	Madhepura Nagar Parishad	171	72600	16
Murliganj Nagar Panchayat		80	16000	36	
Total of Madhepura District		251	88600	52	
Total of Koshi Division		1935	252500	2208.15	

Govt. of Bihar
Urban Development & Housing Department
Toilet Status of Ganga town ULBs

ANNEXURE- IV

S.No.	Name of ULB	Final Target under SBM	Individual Household Latrine			Mission Period Target of C.T in (Seats)	CT/MT		Total finally covered with CT/MT	Total Target of IHHL & CT/MT	Total Completed IHHL & CT/MT + Tagged Family	% of Household provided with toilet facility
			Completed	In Progress	In Progress + Completed		Completed Toilet CT/MT	Families covered with Tagging				
River Ganga												
1	Patna (Nagar Nigam)	3118	2864	254	3118	5400	185	740	925	8518	4043	47.46
1(a)	Phulwarisharif (Nagar Parishad)	472	472	0	472	378	354	24	378	850	850	100.00
2	Maner (Nagar Panchayat)	2184	2125	59	2184	24	24	0	24	2208	2208	100.00
3	Danapur (Nagar Parishad)	2164	1733	431	2164	443	0	0	0	2607	2164	83.01
4	Bakhtiyarpur (Nagar Parishad)	2040	1640	400	2040	96	24	72	96	2136	2136	100.00
5	Barh (Nagar Parishad)	881	747	134	881	228	96	132	228	1109	1109	100.00
6	Mokama (Nagar Parishad)	1550	1527	23	1550	40	40	0	40	1590	1590	100.00
7	Munger (Nagar Nigam)	5649	4757	892	5649	703	239	464	703	6352	6352	100.00
8	Sultanganj (Nagar Parishad)	4202	3708	494	4202	316	0	0	0	4518	4202	93.01
9	Bhagalpur (Nagar Nigam)	5443	5058	385	5443	510	114	396	510	5953	5953	100.00

S.No.	Name of ULB	Final Target under SBM	Individual Household Latrine			Mission Period Target of C.T in (Seats)	CT/MT		Total finally covered with CT/MT	Total Target of IHHL & CT/MT	Total Completed IHHL & CT/MT + Tagged Family	% of Household provided with toilet facility
			Completed	In Progress	In Progress + Completed		Completed Toilet CT/MT	Families covered with Tagging				
10	Buxar (Nagar Parishad)	2026	1896	130	2026	496	178	318	496	2522	2522	100.00
11	Barahiya (Nagar Panchayat)	1762	1587	175	1762	265	10	40	50	2027	1812	89.39
12	jamalpur (Nagar Parishad)	1486	1306	180	1486	252	228	24	252	1738	1738	100.00
13	Kahalgaoon (Nagar Panchayat)	1092	853	26	879	447	36	144	180	1539	1059	68.81
14	Chhapra (Nagar Nigam)	5870	5722	148	5870	22	0	0	0	5892	5870	99.63
15	Sonpur (Nagar Panchayat)	1906	1443	463	1906	279	279	0	279	2185	2185	100.00
16	Hajipur (Nagar Parishad)	3590	3590	0	3590	220	72	148	220	3810	3810	100.00
17	Begusarai (Nagar Nigam)	19145	18647	498	19145	318	12	48	60	19463	19205	98.67
18	Khagariya (Nagar Parishad)	1142	985	157	1142	24	24	0	24	1166	1166	100.00
19	Naugachiya (Nagar Panchayat)	3734	3434	300	3734	156	120	36	156	3890	3890	100.00
20	Dighwara (Nagar Panchayat)	3500	3326	174	3500	305	305	0	305	3805	3805	100.00
21	Teghra (Nagar Panchayat)	3301	3301	0	3301	42	27	15	42	3343	3343	100.00
22	Manihari (Nagar Panchayat)	5082	5045	37	5082	60	40	20	60	5142	5142	100.00

S.No.	Name of ULB	Final Target under SBM	Individual Household Latrine			Mission Period Target of C.T in (Seats)	CT/MT		Total finally covered with CT/MT	Total Target of IHHL & CT/MT	Total Completed IHHL & CT/MT + Tagged Family	% of Household provided with toilet facility
			Completed	In Progress	In Progress + Completed		Completed Toilet CT/MT	Families covered with Tagging				
TOTAL (River Ganga)		81339	75766	5360	81126	11024	2407	2621	5028	92363	86154	93.28
River Punpun												
23	Fatuha (Nagar Parishad)	1290	1148	142	1290	150	150	0	150	1440	1440	100.00
River Ramrekha												
24	Ramnagar (Nagar Panchayat)	4025	3550	425	3975	232	24	96	120	4257	4095	96.19
River Sikrahna												
25	Narkatiyaganj (Nagar Parishad)	945	931	14	945	432	150	282	432	1377	1377	100.00
River Sirsa												
26	Raxaul (Nagar Parishad)	922	808	114	922	275	0	0	0	1197	922	77.03
River Parmar												
27	Jogbani (Nagar Panchayat)	1550	1178	372	1550	438	0	0	0	1988	1550	77.97

STP's द्वारा उपचारित जल के उपयोग के संबंध में एक संक्षिप्त विवरणी।

1. नगर विकास एवं आवास विभाग द्वारा पटना नगर निगम के क्षेत्राधीन छः अदद एस०टी०पी० (सीवेज शोधन संयंत्र) का निर्माण कराया जा रहा है :-

क्र०	लोकेशन	क्षमता (एम.एल.डी.)	क्षमता (क्यूसेक)	अद्यतन स्थिति
1.	बेऊर	43	17.52	निर्माण कार्य प्रगति पर
2.	करमलीचक	37	15.12	निर्माण कार्य प्रगति पर
3.	सैदपुर	60	69.43	निर्माण कार्य प्रगति पर
4.	पहाड़ी	60		निर्माण कार्य प्रगति पर
5.	कंकड़बाग	50		कार्यावंटन की प्रक्रिया में
	उप योग	250	102.07	
6.	दीघा	100	40.83	कार्यावंटन की प्रक्रिया में
	कुल योग	350	142.90	

2. बेऊर, करमलीचक, सैदपुर एवं पहाड़ी स्थित शोधन संयंत्रों की वर्तमान क्षमता 77 एम.एल.डी. (31.40 क्यूसेक) है। इनसे प्राप्त बहिःश्राव बादशाही नाला/सैदपुर नाला/बरमुत्तानाला/खनुआ नाला के माध्यम से पुनपुन नदी में प्रवाहित होता है।
3. बादशाही नाला/सैदपुर नाला/बरमुत्तानाला/खनुआ नाला प्राकृतिक नाले हैं एवं इसमें सीवेज के साथ-साथ वर्षा का पानी भी प्रवाहित होता है।
4. जल संसाधन विभाग द्वारा सीवरेज शोधन संयंत्रों के बहिःश्राव को सिंचाई एवं जल संरक्षण के उद्देश्य से किये जाने के निम्नांकित प्रस्तावों पर विचार किया जा रहा है:-

(क) करमलीचक, सैदपुर, कंकड़बाग, एवं पहाड़ी स्थित एस.टी.पी. से प्राप्त शोधित बहिःश्राव को पाईप के माध्यम से पटना मास्टर प्लान में चिन्हित ग्रीन बेल्ट, ग्रीन बेल्ट में ही अवस्थित पारम्परिक जलश्रोतों (तालाब एवं कुँआ), ग्रीन बेल्ट में सिंचाई हेतु निर्मित संरचना एवं सोन नहर प्रणाली के पटना मुख्य नहर से निःसृत फतेहपुर एवं दरियापुर वितरणी के कमाण्ड क्षेत्र में उपयोग किये जाने का प्रस्ताव है।

(ख) बेऊर स्थित एस.टी.पी. से प्राप्त शोधित बहिःश्राव को पाईप के माध्यम से सोन नहर प्रणाली के पटना मुख्य नहर से निःसृत फतेहपुर एवं दरियापुर वितरणी के कमाण्ड क्षेत्र में एवं पटना मास्टर प्लान में चिन्हित ग्रीन बेल्ट में ही अवस्थित पारम्परिक जलश्रोतों (तालाब एवं कुँआ) में उपयोग किये जाने का प्रस्ताव है।

(ग) दीघा स्थित एस.टी.पी. से प्राप्त शोधित बहिःश्राव को पाईप के माध्यम से सोन नहर प्रणाली के पटना मुख्य नहर के 109.20 कि०मी० पर अवस्थित नौबतपुर लॉक पर प्रवाहित कर मंझौली वितरणी एवं फतेहपुर वितरणी के कमाण्ड क्षेत्र में उपयोग किये जाने का प्रस्ताव है।

5. पटना मास्टर प्लान में चिन्हित ग्रीन बेल्ट में लघु जल संसाधन विभाग द्वारा पूर्व से निर्मित संरचना की क्षमता 60 क्यूसेक है। इस संरचना हेतु भी सुनिश्चित जलश्राव दिया जा सकेगा।
6. पटना मास्टर प्लान में चिन्हित ग्रीन बेल्ट में अवस्थित पारम्परिक जलश्रोतों यथा 40 अदद तालाब/कुँआ (राजस्व एवं भूमि सुधार विभाग से प्राप्त आंकड़ों के अनुसार) में भी शोधित पानी का उपयोग किया जाना है, ताकि इनके रिचार्ज के साथ-साथ आवश्यकतानुसार फिल्ड चैनल बनाकर सिंचाई सुविधा भी सुनिश्चित की जा सकेगी।
7. गणना के अनुसार पटना मास्टर प्लान में चिन्हित ग्रीन बेल्ट में खरीफ एवं गरमा फसलों के सिंचाई हेतु शोधन संयंत्रों से प्राप्त रूपांकित बहिःश्राव का शतप्रतिशत उपयोग हो सकेगा। रब्बी सिंचाई हेतु शोधन संयंत्रों से प्राप्त रूपांकित बहिःश्राव का शतप्रतिशत उपयोग नहीं होगा, जिसे स्केप कराने की आवश्यकता होगी। परन्तु वर्तमान जलश्राव का शतप्रतिशत उपयोग संभव हो सकेगा।
8. मौनसून अवधि में बाढ़ के समय अतिरिक्त बहिःश्राव को पाईप लाईन के माध्यम से पुनपुन नदी के दायें तटबंध/दरधा नदी के दक्षिणी तटबंध के पार स्केप कराये जाने की व्यवस्था विचारणीय है।
9. बादशाही नाला/सैदपुर नाला/बरमुत्तानाला/खनुआ नाला के सीवेज को शोधन संयंत्रों के माध्यम से ही प्रवाहित करने की व्यवस्था नगर विकास एवं आवास विभाग द्वारा सुनिश्चित किया जाना आवश्यक होगा।
10. सीवरेज शोधन संयंत्रों के बहिःश्राव से पटना जिले के 9,451 हेक्टेयर कमाण्ड क्षेत्र में सिंचाई सुविधा उपलब्ध करायी जा सकेगी। इस योजना से पटना मुख्य नहर 7091 के कमाण्ड क्षेत्र में 4,244 हेक्टेयर त्रुसित सिंचाई पुनस्थापित होगी तथा 2847 हेक्टेयर क्षेत्र में सिंचाई का सृजन होगा।
11. उपर्युक्त सीवरेज शोधन संयंत्रों द्वारा उपचारित सिवेज के उपयोग हेतु विभाग द्वारा निम्नांकित विकल्पों पर विचार किया जा रहा है:—

(i) Treated water from Beur STP will be pumped through Ductile Iron (DI) pipe to provide irrigation in the command area of Fatehpur and Dariapur distributaries of Sone Canal System.

Treated water from Saidpur, Pahadi, Kankarbagh and Karmlichak STPs will be pumped through Ductile Iron (DI) pipe to provide irrigation in the command area of Fatehpur and Dariapur distributaries of Sone Canal System and the green belt in Patna Master Plan through. existing structure of MWRD and ponds (data obtained from Department of Revenue and Land Reforms and shown on the MAP)

Excess water during heavy rains and surplus water during rabbi season will be escaped in local pyne beyond the Dardha right embankment. But it may be taken up in phase-2 because design discharge has been calculated for projected period. The present available discharge (77 MLD) will be utilized in the green belt itself.

Treated water from Digha STP will be pumped through DI pipes Up to Naubatpur Lock to compensate for the water deficiency in Fatehpur and Manjhauri Distributary of Sone Canal System.

(ii) Treated water from Beur, Saidpur, Pahadi, Kankarbagh and Karmlichak STPs will be discharged through the Badshahi Nala/Barmutta Nala/Saidpur/Khanua Nala under gravity and collected in the Sump near anti-flood sluice at Madhopur village on the Punpun left embankment.

The collected water in the Sump will be pumped through DI pipes to provide irrigation in the command area of Fatehpur and Dariapur distributaries of Sone Canal System and the green belt in Patna Master Plan through existing structure of MWRD and ponds.

Treated water from Digha STP will be pumped through DI pipes at Naubatpur Lock to compensate for the water deficiency in Fatehpur and Manjhauri Distributary of Sone Canal System.

(iii) Treated water from Beur, Saidpur, Pahadi, Kankarbagh and Karmlichak STPs will be discharged through the Badshahi Nala/Barmutta Nala/Saidpur/Khanua Nala under gravity and collected in the Sump near anti-flood sluice at Madhopur village on the Punpun left embankment.

The collected water in the Sump will be pumped through Mild Steel(MS) Pipe in the Dhowa River by crossing the Punpun river in downstream of Dardha right embankment.

Treated water from Digha STP will be pumped through DI pipes at Naubatpur Lock to compensate for the water deficiency in Fatehpur and Manjhauri Distributary of Sone Canal System.

(iv) Treated water from Beur, Saidpur, Pahadi, Kankarbagh, Karmlichak and Digha STPs may be utilized in Stadium, Parks, Museum, Services Centers, Gardening, Public Parks, Cleaning of Vehicles etc. for which Patna Nagar Nigam should be entrusted. This will also save precious ground water.

Government order is solicited in this direction.

Particulars	Water Requirement (in MLD)
Botanical Garden	7.50
Eco-Part	2.50
Buddha Smriti Park	0.50
For Gardening & Flushing @ 35 LPCD	64.40
Total-	74.90

– उपर्युक्त प्रस्तवित विकल्पो पर उच्चस्तरीय निर्णय लिया जाना है।

मुख्य अभियंता का कार्यालय,
(योजना+अनुश्रवण+भूगर्भ)
लघु जल संसाधन विभाग, पटना।

संचिका सं०:-ल०ज०सं०(पी०एम०जी०)- /201 1747 /पटना, दिनांक:- 18/11/19

प्रेषक,

ई० बिन्देश्वर राम,
मुख्य अभियंता,
(योजना+अनुश्रवण+भूगर्भ),
लघु जल संसाधन विभाग, पटना।
ईमेल- ce.pmg-bih@gov.in
दूरभाष- 0612-2215035

सेवा में,

संजय कुमार,
विशेष सचिव,
नगर विकास एवं आवास विभाग, पटना।

विषय:- एस टी० पी० से उपचारित जल के उपयोग हेतु कार्य योजना (Action Plan) के संबंध में।

प्रसंग:- भवदीय का पत्रांक- 918, दिनांक- 08.11.2019

महाशय,

उपर्युक्त विषयक एवं प्रसंग से संबंधित कार्य योजनाओं का अध्ययन प्रतिवेदन आवश्यक कार्यवाही हेतु समर्पित किया जा रहा है।

अनु०:-यथावत्

विश्वासभाजन

मुख्य अभियंता
(योजना+अनुश्रवण+भूगर्भ),
लघु जल संसाधन विभाग, पटना।

1428

18/11/19

Action Plan of Regarding Sanctioned Schemes Under Namami Gange Program

Sr. No.	Town / Location	Project Name	STP Capacity <100 MLD	Action Plan						Remarks
				Survey Work (days)	Design of Work (days)	D.P.R. work (days)	T.A.C. & Administrative Work (days)	Tender after Getting Administrative Approval		
1	2	3	4	5	6	7	8	9	10	
1	Sultanganj	I & D work and STP at Sultanganj	10	-	-	-	-	-	BUDCO Has not been Located STP Site (Outfall) Yet	
2	Barh	I & D work and STP at Barh	11	Done	Done	Done	Jan 2020	30		
3	Naugachhia	I & D work and STP at Naugachhia	9	-	-	-	-	-	BUDCO Has not been Located STP Site (Outfall) Yet	
4	Sonepur	I & D work and STP							BUDCO Has not been Located STP Site (Outfall) Yet	
5	Mokama	I & D work and STP at Mokama	8	Done	15	30	Jan 2020	30		

Sr. No.	Town / Location	Project Name	STP Capacity <100 MLD	Action Plan						Remarks
				Survey Work (days)	Design of Work (days)	D.P.R. work (days)	T.A.C. & Administrative Work (days)	Tender after Getting Administrative Approval		
1	2	3	4	5	6	7	8	9	10	BUDCO Has not been Located STP Site (Outfall) Yet
6	Baktiyarpur	I & D work and STP	10	-	-	-	-	-	-	BUDCO Has not been Located STP Site (Outfall) Yet
7	Maner	I & D work and STP	6.5	-	-	-	-	-	-	BUDCO Has not been Located STP Site (Outfall) Yet
8	Khagaria	I & D work and STP	4.5	-	-	-	-	-	-	BUDCO Has not been Located STP Site (Outfall) Yet
9	Bhagalpur	I & D work and STP at Bhagalpur	65	-	-	-	-	-	-	BUDCO Has not been Located STP Site (Outfall) Yet
10	Begusarai	Sewerage Treatment Plant & Sewer Network	17	-	-	-	-	-	-	BUDCO Has not been Located STP Site (Outfall) Yet

Sr. No.	Town / Location	Project Name	STP Capacity <100 MLD	Action Plan					Remarks	
				Survey Work (days)	Design of Work (days)	D.P.R. work (days)	T.A.C. & Administrative Work (days)	Tender after Getting Administrative Approval		
1	2	3	4	5	6	7	8	9	10	BUDCO Has not been Located STP Site (Outfall) Yet
11	Chhapra	I & D work and STP	32	-	-	-	-	-	-	BUDCO Has not been Located STP Site (Outfall) Yet
12	Fatua	I & D work and STP	7	-	-	-	-	-	-	BUDCO Has not been Located STP Site (Outfall) Yet
13	Danapur	I & D work and STP	25	-	-	-	-	-	-	BUDCO Has not been Located STP Site (Outfall) Yet
14	Phulwarisariff	I & D work and STP	7+6=13	-	-	-	-	-	-	BUDCO Has not been Located STP Site (Outfall) Yet
15	Hajipur	Sewerage Treatment Plant & Sewer Network	22	-	-	-	-	-	-	BUDCO Has not been Located STP Site (Outfall) Yet

Sr. No.	Town / Location	Project Name	STP Capacity <100 MLD	Action Plan						Remarks
				Survey Work (days)	Design of Work (days)	D.P.R. work (days)	T.A.C. & Administrative Work (days)	Tender after Getting Administrative Approval		
1	2	3	4	5	6	7	8	9	10	
16	Munger	STP & Sewer Network		-	-	-	-	-	-	BUDCO Has not been Located STP Site (Outfall) Yet
17	Buxar	Sewerage Treatment Plant & Sewer Network	30	-	-	-	-	-	-	BUDCO Has not been Located STP Site (Outfall) Yet
			16	-	-	-	-	-	-	

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The Hon'ble NGT requires information with regard to thematic areas by the Chief Secretary of State in terms of following:-

Sl. No.	Current Status			Desirable of compliance in terms of statues	Gap between current status and desired level	Proposal of attending the gaps with timelines	Name and designation of designated officer for ensuring compliance to provisions under statute.
	Zone	Work Place	Status				
1	2	3	4	5	6	7	8
1	Chief Engineer, MWDRD Patna	Barh	DPR has already been sent to Urban Development & Housing Department, Bihar	Tender Process will be started after getting administrative approval			Principal Secretary, MWDRD, Bihar
2		Mokama	survey work has been completed. DPR is being prepared	DPR is likely to be prepared latest by 30.11.19			Principal Secretary, MWDRD, Bihar
3		Bhagalpur	Survey work is being done	DPR is likely to be prepared latest by 30.11.19			Executive Engineer, M.I Division, Bhagalpur
4	Chief Engineer, MWDRD Bhagalpur	Naugachhiya	Survey work is being done	DPR is likely to be prepared latest by 30.11.19			Executive Engineer, M.I Division, Bhagalpur
5		Sultanganj	Survey work is being done	DPR is likely to be prepared latest by 30.11.19			Executive Engineer, M.I Division, Bhagalpur
6	Chief Engineer, MWDRD Muzaffarpur	Chhapra	Survey work is being done	DPR is likely to be prepared latest by 30.11.19			Executive Engineer, M.I Division, Chhapra

Compliance on minutes of fifth meeting of State Ganga Committee held on 06.09.2019

Sl. No.	Action Point	Status
1.	Utilization of Treated sewage water using STP(sewage>100 MLD)	<p>350 MLD(142.90 cusec)treated sewage water from the STP's situated at Beur ,Karmalichak, Saidpur, Kankarbagh, Pahari and Digha in Patna district is to be used through existing canal system /aahar/pond in the proposed Green belt of Patna master plan by pressure pumping. Scheme is being finalized.</p> <p>Keeping in view of the recent water stagnation in Patna, excess treated water is to be used for irrigation in Fathua Tal area, for which the economical evaluation is under process.</p>
2.	Flood Plain Regulation	<p><u>Buffer Zone</u></p> <p>As per directions given in the meeting held on 25.06.2019 under the chairmanship of Chief Secretary to discuss the issue of compliance of Hon'ble NGT order by the State Govt, buffer zone on either side of the active channel of river Ganga from the center line at 100m, 200m and 500m was assessed by FMISC(WRD), Anisabad, Patna based on satellite imagery and the same was earlier made available to Urban Development and Housing Department.</p> <p>The Buffer zone at 100m,200m and 500m on either side from the center line of the main stream of river Ganga in Bihar was demarcated on GIS map and the area, including river portion, was assessed as 183.89 Km², 363.12 Km² and 875.31 Km² respectively.</p> <p>Buffer Zone assessment for Gandak and Ghaghra is being enclosed. The buffer zone at 100m,200m and 500m on either side of center line of the main stream of river Gandak in Bihar was demarcated on GIS map and the area, including river portion, has been assessed as 71.11 km², 139.28 km² and 321.12 km² respectively while for river Ghaghra in Bihar, it has been assessed as 15.76 km², 30.76 km² and 71.00 km² respectively.</p> <p>Buffer zone assessment for other tributaries of Ganga like Koshi and Mahananda, is under progress.</p> <p>Inundation map on HFL (25 years return period)</p> <p>For mapping the extent of flood plain i.e inundation map at HFL of river Ganga of 25 years return period, HFL of 50.52m, which was observed on 21/08/2016 at Gandhi Ghat(Ganga)Patna surpassing all previous record of HFLS, was selected for assignment.</p> <p>Based on 50.52 m HFL at Gandhi Ghat, Patna, an inundation map of river Ganga(in Bihar portion) was prepared on GIS using the satellite imagery of river Ganga 25.08.2016.Inundation map shows that 2126 villages in 13 districts spanning over 4830.70 km² excluding the active river channel is affected. The Report was submitted earlier Urban Development and Housing Department.</p> <p><u>Flood Plain in Zoning Regulation</u></p> <p>Government of India, initially, prepared a draft Flood plain zoning bill in the nineties and sent to State Government for passing the bill.</p> <p>Issue of Flood Plain Zoning was discussed in Bihar State Second Irrigation Commission(BSSIC)during 1993-1994.BSSIC prepared a draft bill and submitted to Govt. of Bihar, as enclosed in the Commission Report.</p> <p>Govt. of Bihar did not concur with flood plain zoning regulation on account of density populated northern plain terrain and mostly embanked river. This was conveyed to MoWR, Govt. of India earlier in 2004 and reiterated again in2012 & 2013.</p>

3.	Adopting good irrigation practices to conserve water	<p>Although, this issue is mainly dealt by the State Agriculture Dept., however State Water Resources Department also takes some measures to conserve water for irrigation like CADWM works, Micro irrigation, lining of canal, etc.</p> <p>In CADWM, Pucca Channels are being constructed to carry canal water directly to the required field. Apart from this, micro irrigation like sprinkler and drip irrigation is also being promoted in consultation with the state Agriculture Department.</p> <p><u>To save seepage loss by canal lining:-</u></p> <p>Modernization works including lining is being taken up in the existing canal system of important irrigation projects like Gandak canal system, Sone canal system, etc. in the first phase. Later on, these works will be taken up in other irrigation project based on availability of funds.</p> <p>The details of ongoing/proposed schemes are as follows:</p> <p>i) Restoration & lining work of Sone Western parallel link canal(Rs.112.00 Cr)-under progress</p> <p>ii) Restoration & lining work of Sone Western link canal (Rs.255.12 Cr)-Under Progress</p> <p>iii) Restoration & lining work of Chausa branch canal (Rs.79.53 Cr)-under progress</p> <p>iv) Restoration & lining work of Eastern Sone high level canal and its distribution system (Rs. 153.08 Cr) – under progress</p> <p>v) ERM Work including lining of Western Gandak Canal System (Rs. 2169.51 Cr) – Under progress</p> <p>vi) Modernisation including lining work of Ara Canal System (Rs. 3272.49 Cr) – Proposal under preparation</p>
4.	e-Flow in river Ganga and its tributary	<p>Ganga is the principal drain of Bihar; and Ghaghra, Gandak, Burhi Gandak, Kosi, Mahananda are northern tributaries and Karmnasa, Sone, Punpun, Kiul-Harohar, Badua, Chandan, etc. southern tributaries. All northern tributaries except Burhi Gandak originate in Himalaya and snow fed whereas South Bihar rivers are rainfed rivers in which lean season flow is negligible except Sone river which gets water from Bansagar (MP) & Rihand (UP) reservoir and some base flow due to large catchment.</p> <p>Discharge measurement during lean season is done on existing Control structures like Valmiki Nagar Barrage on Gandak, Bhimnagar Barrage on Kosi, Chandan dam, Indrapuri Barrage on Sone, Uderasthaan on Falgu etc. There is no control structure in Bihar on river Ghaghra, one of the largest tributary in terms of catchment & discharge; hence no direct discharge measurement data is available. Regarding obeying the order of Hon'ble NGT regarding release of e-flow in Ganga and its tributaries during lean season, it is to inform that there is no control structure on River Ganga in Bihar, and as such WRD Bihar will not be in a position to comply with the NGT order of e-flow in Ganga.</p> <p>NMCG wing of MoWR, GOI has issued an order on 9th October 2018 in which quantum of discharge to be released as e-flow has been fixed notification on e-flow, has been communicated to MoWR, RD & GR vide letter 208 dated 24.04.19 in which a request has been made to re-look the recommended e-flow discharge in view of Indo-Bangladesh Treaty, 1996 for sharing of water of river Ganga.</p>
5.	Assessment of e-Flow during lean season discharge for tributaries of Ganga	<p>WRD is in the process of compiling the discharge data, available at control structures of tributaries especially during lean season flow.</p> <p>Regarding e-flow in Ganga river in Bihar, it is to inform that there is no control structure over Ganga in Bihar, hence no action is needed.</p> <p>However, GOI is required to issue order on e-flow release for lower reaches of Ganga and contribution of Upper Riparian States to be fixed towards e-flow as well as requirement honouring the Indo- Bangladesh Treaty, 1996.</p> <p>Discharge data of Lean season of Gandak, Sone, Koshi river on control structure is being obtained and compilation is in progress.</p>

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पत्र संख्या-कृ. नि.भू.सं. 11 (यो०) 78/19-589/भू०सं०, पटना, दिनांक 10-07-2019
प्रेषक,

गुलाब यादव,
निदेशक,
भूमि संरक्षण, बिहार, पटना।

S.S (SK)

TL, SPMG
12/17

सेवा में,

प्रधान सचिव -सह-
परियोजना निदेशक, बी०जी०सी०एम०एस०
नगर विकास एवं आवास विभाग, बिहार, पटना।



विषय : माननीय NGT द्वारा दिनांक-29.07.2019 को संसूचित आदेश के परिपेक्ष्य में दिनांक-25.06.2019 को मुख्य सचिव, बिहार की अध्यक्षता में आहूत बैठक में लिये गये निर्णय का अनुपालन प्रतिवेदन भेजने के संबंध में।

प्रसंग : भवदीय के पत्रांक-550 दिनांक-08.07.2019 ।

महाशय,

उपर्युक्त विषयक एवं प्रासंगिक पत्र के संदर्भ में वर्ष 2019-20 के लिए Micro Irrigation से संबंधित जिलावार Good irrigation practices अन्तर्गत Micro Irrigation का कार्य योजना का Action Plan तैयार कर इस पत्र के साथ संलग्न कर आवश्यक कार्रवाई हेतु भेजी जा रही है।

इस कार्यालय के पत्रांक-283 दिनांक-14.03.2019 के द्वारा पूर्व में उपलब्ध कराया गया कार्य योजना सुलभ प्रसंग हेतु पत्र के साथ संलग्न है।

अनु०- यथोक्त।

विश्वासभाजन,

~~10.7.19~~
(गुलाब यादव)

निदेशक,
भूमि संरक्षण, बिहार, पटना।



846
12/17

District wise work plan under PMKSY(MI) for the year 2019-20

Sl. No.	District Name	Sprinkler Physical Target (In Ha.)	Sprinkler Financial Target (Rs in Lakh.)	Drip Physical Target (In Ha.)	Drip Financial Target (Rs in Lakh.)	Farmer Training Physical Target	Farmer Training Financial Target	Exposure Visit out of State for Farmer (Financial Target)	Exposure Visit out of Country for Farmer (Financial Target)	Holding (Financial Target)	Mission Management (Financial Target)	Study Tour out of State (Financial Target)	Study Tour out of Country (Financial Target)	State Level Seminar	Total Physical Target	Total Financial Target
1	Araria	60.00	17.04	107.25	128.70	300.00	3.00	0.00	0.00	0.00	3.61	0.00	0.00	0.00	157.25	152.35
2	Arwal	60.00	17.04	107.25	128.70	300.00	3.00	0.00	0.00	0.00	3.61	0.00	0.00	0.00	157.25	152.35
3	Aurangabad	150.00	42.80	320.00	384.00	700.00	7.00	0.00	0.00	0.00	7.29	0.00	0.00	0.00	470.00	441.09
4	Banka	145.00	41.20	326.70	392.04	638.00	6.38	0.00	0.00	0.00	7.17	0.00	0.00	0.00	471.70	446.79
5	Beharal	115.00	32.86	231.00	277.20	500.00	5.00	0.00	0.00	0.00	5.40	0.00	0.00	0.00	346.00	320.45
6	Bhagalpur	130.00	36.92	231.00	277.20	500.00	5.00	0.00	0.00	0.00	7.29	0.00	0.00	0.00	351.00	326.41
7	Bhojpur	115.00	32.86	231.00	277.20	500.00	5.00	0.00	0.00	0.00	5.41	0.00	0.00	0.00	346.00	320.45
8	Buxar	100.00	28.40	231.00	277.20	563.00	5.63	0.00	0.00	0.00	5.40	0.00	0.00	0.00	331.00	316.63
9	Darbhanga	100.00	28.40	231.00	277.20	600.00	6.00	0.00	0.00	0.00	5.41	0.00	0.00	0.00	331.00	317.01
10	E Champaran	135.00	38.34	313.50	376.20	813.00	8.13	0.00	0.00	0.00	7.38	0.00	0.00	0.00	448.50	430.05
11	Gaya	180.00	51.12	520.00	624.00	988.00	9.88	0.00	0.00	0.00	10.81	0.00	0.00	0.00	700.00	695.81
12	Gopalganj	100.00	28.40	189.75	227.70	650.00	6.50	0.00	0.00	0.00	5.40	0.00	0.00	0.00	289.75	288.00
13	Jamui	130.00	36.92	340.00	408.00	700.00	7.00	0.00	0.00	0.00	7.15	0.00	0.00	0.00	470.00	459.07
14	Jehanabad	115.00	32.86	326.70	392.04	650.00	6.50	0.00	0.00	0.00	7.15	0.00	0.00	0.00	441.70	438.55
15	Kaunur	130.00	36.92	321.75	386.10	700.00	7.00	0.00	0.00	0.00	7.14	0.00	0.00	0.00	451.75	437.16
16	Kathar	100.00	28.40	231.00	277.20	600.00	6.00	0.00	0.00	0.00	5.40	0.00	0.00	0.00	331.00	317.00
17	Khatgaria	100.00	28.40	180.00	216.00	600.00	6.00	0.00	0.00	0.00	3.63	0.00	0.00	0.00	280.00	254.03
18	Kishanganj	60.00	17.04	132.00	158.40	550.00	5.50	0.00	0.00	0.00	3.61	0.00	0.00	0.00	192.00	184.55
19	Lakhisarai	60.00	17.04	107.25	128.70	487.00	4.87	0.00	0.00	0.00	3.61	0.00	0.00	0.00	167.25	154.72
20	Madhepura	60.00	17.04	148.50	178.20	500.00	5.00	0.00	0.00	0.00	3.61	0.00	0.00	0.00	208.50	203.85
21	Madhubani	115.00	32.66	239.89	287.86	650.00	6.50	0.00	0.00	0.00	5.41	0.00	0.00	0.00	354.89	332.43
22	Munger	135.00	38.34	313.50	376.20	650.00	6.50	0.00	0.00	0.00	7.14	0.00	0.00	0.00	448.50	428.18
23	Muzaffarpur	115.00	32.86	231.00	277.20	700.00	7.00	0.00	0.00	0.00	5.41	0.00	0.00	0.00	346.00	322.47
24	Nalanda	155.00	44.02	419.10	502.92	850.00	8.50	0.00	0.00	0.00	9.09	0.00	0.00	0.00	574.10	564.53
25	Navada	140.00	39.70	320.00	384.00	750.00	7.50	0.00	0.00	0.00	7.27	0.00	0.00	0.00	460.00	438.47
26	Patna	155.00	44.02	396.00	475.20	850.00	8.50	0.00	0.00	0.00	10.48	0.00	0.00	0.00	551.00	538.20
27	Purnia	100.00	28.40	230.18	276.21	550.00	5.50	0.00	0.00	0.00	5.40	0.00	0.00	0.00	330.18	315.51
28	Rohas	135.00	38.34	396.00	475.20	700.00	7.00	0.00	0.00	0.00	9.04	0.00	0.00	0.00	531.00	529.58
29	Saharsa	100.00	28.60	132.00	158.50	500.00	5.00	0.00	0.00	0.00	3.63	0.00	0.00	0.00	232.00	195.73
30	Samastipur	100.00	28.60	240.00	288.00	650.00	6.50	0.00	0.00	0.00	5.44	0.00	0.00	0.00	340.00	328.54
31	Saran	100.00	28.60	132.00	158.40	500.00	5.00	0.00	0.00	0.00	5.40	0.00	0.00	0.00	340.00	328.54
32	Sheikhpura	60.00	17.04	132.00	158.40	487.00	4.87	0.00	0.00	0.00	3.61	0.00	0.00	0.00	232.00	197.40
33	Sheohar	60.00	17.04	107.25	128.70	400.00	4.00	0.00	0.00	0.00	3.61	0.00	0.00	0.00	167.25	153.35
34	Sitamarhi	100.00	28.60	231.00	277.30	620.00	6.20	0.00	0.00	0.00	5.41	0.00	0.00	0.00	331.00	317.51
35	Sivan	100.00	28.60	148.50	178.30	600.00	6.00	0.00	0.00	0.00	5.40	0.00	0.00	0.00	248.50	218.30
36	Supaul	60.00	17.04	132.00	158.50	487.00	4.87	0.00	0.00	0.00	3.61	0.00	0.00	0.00	192.00	184.02
37	Vaishali	115.00	32.86	189.75	227.80	700.00	7.00	0.00	0.00	0.00	5.43	0.00	0.00	0.00	304.75	273.09
38	W. Champaran	125.00	35.50	313.50	376.30	712.00	7.12	0.00	0.00	0.00	7.30	0.00	0.00	0.00	438.50	426.22
39	Director Horticulture	0.00	0.00	0.00	0.00	0.00	0.00	83.33	66.67	100.00	409.92	10.00	33.33	15.00	0.00	718.25
Total :-		4115.00	1170.82	9130.32	10956.97	23333.00	233.33	83.33	66.67	100.00	633.48	10.00	33.33	15.00	13245.32	13302.93

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कृषि (भूमि संरक्षण) विभाग
बिहार, पटना

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ईमेल : doscbihar@gmail.com

फोन नं० 2201868

पत्र संख्या-कृ०नि०भू०सं०11 (न०वि०) 64/2018 -283 / पटना, दिनांक :- 14/03/2019

प्रेषक,

सुधीर कुमार भा०ध०से०
प्रधान सचिव,
कृषि विभाग, बिहार, पटना।

सेवा में,

प्रधान सचिव,
नगर विकास एवं आवास विभाग,
सह-परियोजना निदेशक,
एस०पी०एग०जी०, बिहार पटना।

विषय : गंगा एवं उसकी सहायक नदियों में प्रदुषण के स्तर को कम करने हेतु Action Plan उपलब्ध कराने के संबंध में।

प्रसंग : आपका पत्रांक - BGCMS/2017/ AP of SWM/43 - 158 दिनांक-14.02.2019.

महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र के क्रम में कहना है कि विषयांकित कार्य के अंतर्गत NMCG के अवलोकन के आलोक में कड़िका - 9 Adopting of good irrigation Practice के अंतर्गत सूक्ष्म सिंचाई एवं जल संरक्षण के कार्यों का ब्यौरा सलग्न कर आवश्यक कार्रवाई हेतु भेजा जा रहा है।

अनुलग्नक:- यथोपरि।

विश्वासभाजन

[Signature]
14-3-2019

(सुधीर कुमार)

प्रधान सचिव,

कृषि विभाग, बिहार, पटना।

Proposal for preparation of Action Plan

328 447

Adopting good irrigation practices

Sub Head- Detail Pertaining to micro irrigation under Department of Agriculture

Micro Irrigation is an advance irrigation system through which water is supplied in the root zone of the plants through specially built plastic pipes at short intervals. With this technology 60% less water is required compared to the traditional irrigation. Under this system drip irrigation method, Sprinkler irrigation method and rail gun irrigation systems are used. There is a 40 to 50% increase in the productivity of crops through this irrigation systems and quality of the product is high. There is reduction in labour cost and also incidence of diseases on plants. By adoption this system, there will be saving of fertilizers by about 25 to 30% in the agriculture Road Map 2017 to 22. The target is to establish this system in at least 2% of total area under fruits and vegetables to increase the production and productivity. The additional top-up subsidy will be given from state plan so that 75% subsidy is available to all categories of farmers.

Soil And Water Conservation directorate deals with soil and water conservation works in 17 district of Bihar lying in southern part of river ganga where insitu water conservation and conservation of soil by various measures to check soil erosion. Small water body where constructed & renovated. Farmers in the nearby area of these water body utilised stored water for life saving irrigation to the crops and plants. These small water bodies also helps in recharging ground water.

Summary of various activities and achievement are given below :-

Part-1

- (1) Name of organisation - Department of Agriculture Govt. of Bihar.
- (2) Name of Contact Person – Director Soil Conservation, Bihar.
Contact No – 9431818716
E-Mail – dir.sc2012@gmail.com
- (3) Area of operation of Soil Conservation Directorate, Bihar – Out of 17 District of South Bihar 6 district Buxer, Bhojpur, Patna, Lakhisarai, Munger & Bhagalpur are situated on bank of ganga river.
- (4) Intervention for good irrigation practices –
 - A. Conserves water insitu by making check dam, water harvesting tank, (WHT), Silt Detention Dam (SDD),
 - B. Renovation of Aahar and small water storage tank.
 - C. Community Bore Well, Individual Bore Well.
 - D. Practice of Dry Land Horticulture, Agroforestry, Stragered Tranching and Water Convinnence through pipe.
 - E. Adoption of Sprinkler and Drip Irrigation.

Part – 2

Micro irrigation :- Target for Road Map 2017-22 is 50,000 hectare. Under PMKSY (MI) in Bihar for financial 2018-19 target of drip irrigation is 9131.32 Ha. & under Sprinkler is 4116 Ha. Total 13246.32 Ha.

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Soil Conservation :- Progress report in different activities of Directorate of Soil Conservation in state from 2012-13 till date.

Activity	No	Irrigation Potential Created (in hectare)
PCD	937	4301.50
ECD	884	998.92
WHT	8042	19564.88
SDD	832	2354.56
Other Runnoff management Structures	1489	5266.32
Irrigation Well	974	438.27
Desiltation of CP	627	1567.50
Renovation of Aahar	1452	7260.00
Small Water Storage Tank	4073	5470.40
Dugwell	196	19.60
Community Borewell	517	1761.00
Individual Borewell	3338	4293.00
Dry land horticulture	1040	-
Agroforestry	330	-
Stragerd Trenching	140	-
Water Conveyance through pipe	445	-
Total	25316	53296.00

Concluding Remarks :-

Govt. Bihar has launched 3rd Krishi Road Map for the year 2017-18 to 2021-22. Target for construction of different soil and water construction structure details as given below.

S. N	Activity	Unit	Target as per Road Map 2017-18		Target as per Road Map 2018-19		Target as per Road Map 2019-20		Target as per Road Map 2020-21		Target as per Road Map 2021-22		Target as per Road Map 2017-18 to 2021-22	
			Phy.	Fin.	Phy.	Fin.								
State Plan														
1	Silt Detaintion Dam.		897	1747.36	897	1747.36	894	1741.51	894	1741.51	894	1741.51	4476	8719.25
2	Pucca Check Dam.		140	1127.03	140	1127.03	52	420.66	52	420.66	52	420.66	436	3518.04
3	Ranovation of Aahar		500	637.00	500	637.00	300	382.20	300	382.20	300	382.20	1900	2420.60
4	Farm Bunding		988	99.76	4988	99.76	2993	59.86	2993	59.86	2993	59.89	18955	379.13
5	Dry land Horticulture.		742	322.12	742	322.12	741	321.77	741	321.77	741	321.77	3709	1609.55
6	Stragered Trenching		231	66.73	231	66.73	256	73.99	256	73.99	256	73.99	1230	355.43
7	Documentation and other		0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
8	GPS Equipment/Tools		0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Total.			525	4000.00	6525	4000.00	4239	2999.99	4239	2999.99	4239	3000.02	25767	17000.00
			973		973		997		997		997		4939	

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IWMP														
1	Administration	-	0	850.00	0	1450.00	0	1950.00	0	1350.00	0	860.00	0	8460.00
2	Monitoring	-	0	100.00	0	145.00	0	265.00	0	135.00	0	86.00	0	731.00
3	Evolution	-	0	100.00	0	145.00	0	265.00	0	135.00	0	86.00	0	731.00
Sub Total :-		-	0	1050.00	0	1740.00	0	2480.00	0	1620.00	0	1032.00	0	7922.00
4	Entry Point Activity.	No.	672	228.00	0	0.00	0	0.00	0	0.00	0	0.00	672	228.00
5	Capacity Building	No.	1551	260.00	7719	800.00	0	0.00	0	0.00	0	0.00	9270	1060.00
9	DPR	No.	59	85.00	0	0.00	0	0.00	0	0.00	0	0.00	59	85.00
Sub Total :-		No.	2282	573.00	7719	800.00	0	0.00	0	0.00	0	0.00	10001	1373.00
10	WHT	No.	1161	2100.00	1033	1985.00	1240	2360.00	1030	2255.00	1030	1118.00	5494	9818.00
11	SDD	No.	494	1040.00	636	1215.00	851	1540.00	520	945.00	520	602.00	3021	5342.00
12	ECD	No.	1928	980.00	2307	1505.00	2677	1585.00	2950	1615.00	2950	774.00	12812	6459.00
13	PCD	No.	206	1660.00	168	1290.00	161	1450.00	210	1530.00	210	758.00	955	6688.00
14	DLH	Ha.	574	1130.00	620	1470.00	730	1670.00	590	1350.00	590	360.00	3104	6980.00
15	Agroforestry	Ha.	638	1340.00	700	1450.00	845	1650.00	775	1350.00	775	150.00	3733	6940.00
16	Others.	No.	450	659.00	150	290.00	310	430.00	125	270.00	125	172.00	1160	1821.00
Total Works :-		No.	4239		4294		5239		4835		4835		23442	
		Ha.	1212	8909.00	1320	9205.00	1575	10685.00	1365	9315.00	1365	5934.00	6837	14048.00
17	Livelihood Support for landless	No.	4500	1075.00	5200	1305.00	6400	1685.00	4800	1215.00	4800	774.00	25700	6054.00
18	Production System & Microenterprises	No.	22400	893.00	25600	1450.00	26500	1650.00	25300	1350.00	25300	860.00	125100	6203.00
19	Consolidation Phase	No.	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
20	SLNA													
Grand Total :-		No.	33421	2500.00	42813	14500.00	38139	6500.00	34935	3500.00	34935	3600.00	184243	55600.00
		Ha.	1212		1320		1576		1365		1365		6837	

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(349) 182

संयुक्त निदेशक का कार्यालय,
बाढ़ प्रबंधन सुधार सहायक केन्द्र,
जल संसाधन विभाग, अनिसाबाद, पटना

पत्रांक बा०प्र०मु०स०के०-19/2019-520
प्रेषक,

ई० अनिल कुमार
संयुक्त निदेशक

सेवा में,

अधीक्षण अभियंता,
योजना एवं मोनिटरिंग, अंचल-4
जल संसाधन विभाग, पटना ।

पटना/दिनांक- 12/07/2019

विषय:- गंगा नदी से संबंधित राष्ट्रीय ग्रीन ट्रिब्यूनल (NGT) के न्याय निर्णय के अनुपालन के क्रम में नक्शा उपलब्ध कराने के संबंध में ।

प्रसंग:- योजना एवं मोनिटरिंग अंचल-4, जल संसाधन विभाग, पटना का गैर सरकारी प्रेषण सं०-98, दिनांक 2/07/2019 ।

महाशय,

उपरोक्त विषय के संबंध में आपसे विमर्श हुआ । विमर्श के आलोक में गंगा नदी के HFL के आधार पर जलप्लावन नक्शा (Inundation Map) तैयार किया गया है । उल्लेखनीय है कि बिहार में गाँधीघाट पर दिनांक-21/08/2016 को नया HFL (RL-50.52 m.) अभिलिखित हुआ जो पिछले 25 वर्षों में सबसे ज्यादा है । FMISC में दिनांक-25/08/2016 का Satellite Image उपलब्ध है ।

अतः 25 अगस्त, 2016 के Water Level के आधार पर गंगा नदी की स्थिति को दर्शाते हुये एक GIS आधारित नक्शा तैयार किया गया है (Annexure-I) । उक्त नक्शों के आधार पर दिनांक-25 अगस्त, 2016 को गंगा नदी के कारण 13 जिलों के 2126 गाँव जलप्लावित हुए हैं जिनका कुल क्षेत्रफल 4830.17 km² पाया गया । ज्ञात है कि जलप्लावन क्षेत्र की गणना नदी के active channel के क्षेत्रफल को घटा कर की गई है । नदी के Active Channel तथा जलप्लावन क्षेत्र से संबंधित तुलनात्मक नक्शा Annexure-II में है ।

साथ ही मुख्य सचिव महोदय के निदेश के आलोक में गंगा नदी के Active Channel के मध्य भाग से 100 m., 200 m. तथा 500 m. का buffer zone बनाते हुये GIS आधारित नक्शा तैयार किया गया है (Annexure-III, 11 अदद) । 100 m., 200 m. तथा 500 m. का buffer zone का क्षेत्रफल क्रमशः 183.89 km², 363.12 km² तथा 875.31 km² पाया गया । ज्ञात है कि buffer zone के क्षेत्रफल की गणना में नदी का क्षेत्रफल भी सम्मिलित है । जलप्लावन क्षेत्र तथा buffer zone से संबंधित सारणी Annexure-IV में वर्णित है ।

उपरोक्त सभी नक्शा तथा सारणी आवश्यक अग्रेतर कार्रवाई हेतु प्रेषित की जा रही है ।

अनु०:-यथोक्त ।

EE-13
12/07/2019

विश्वासभाजन,

(अनिल कुमार)
संयुक्त निदेशक

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Annexure- IV

**Inundated area along Ganga River on 25th August 2016
(Related to HFL achieved at Gandhighat , Patna on 21/08/2016)**

Sl. No.	Name of district	No. of Villages	Area inundated (km ²)
1	Begusarai	222	596.03
2	Bhagalpur	324	894.37
3	Bhojpur	328	568.29
4	Buxar	81	99.74
5	Katihar	118	430.19
6	Khagaria	101	235.95
7	Lakhisarai	94	193.46
8	Munger	189	460.96
9	Patna	158	482.12
10	Purnia	14	48.65
11	Samastipur	90	243.17
12	Saran	234	358.33
13	Vaishali	173	303.13
Total		2126	4914.39
Area of the river falling in the inundated part of village			83.69
Net area inundated			4830.7

Area of Buffer Zone (Active Channel Ganga River in 2018)		
Sl. No.	Buffer zone	Area (Km ²)
1	100 m	183.89
2	200 m	363.12
3	500 m	875.31

Note:- buffer zone area includes river area as well.

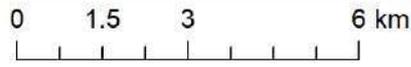




Buffer Zone Along River Gandak

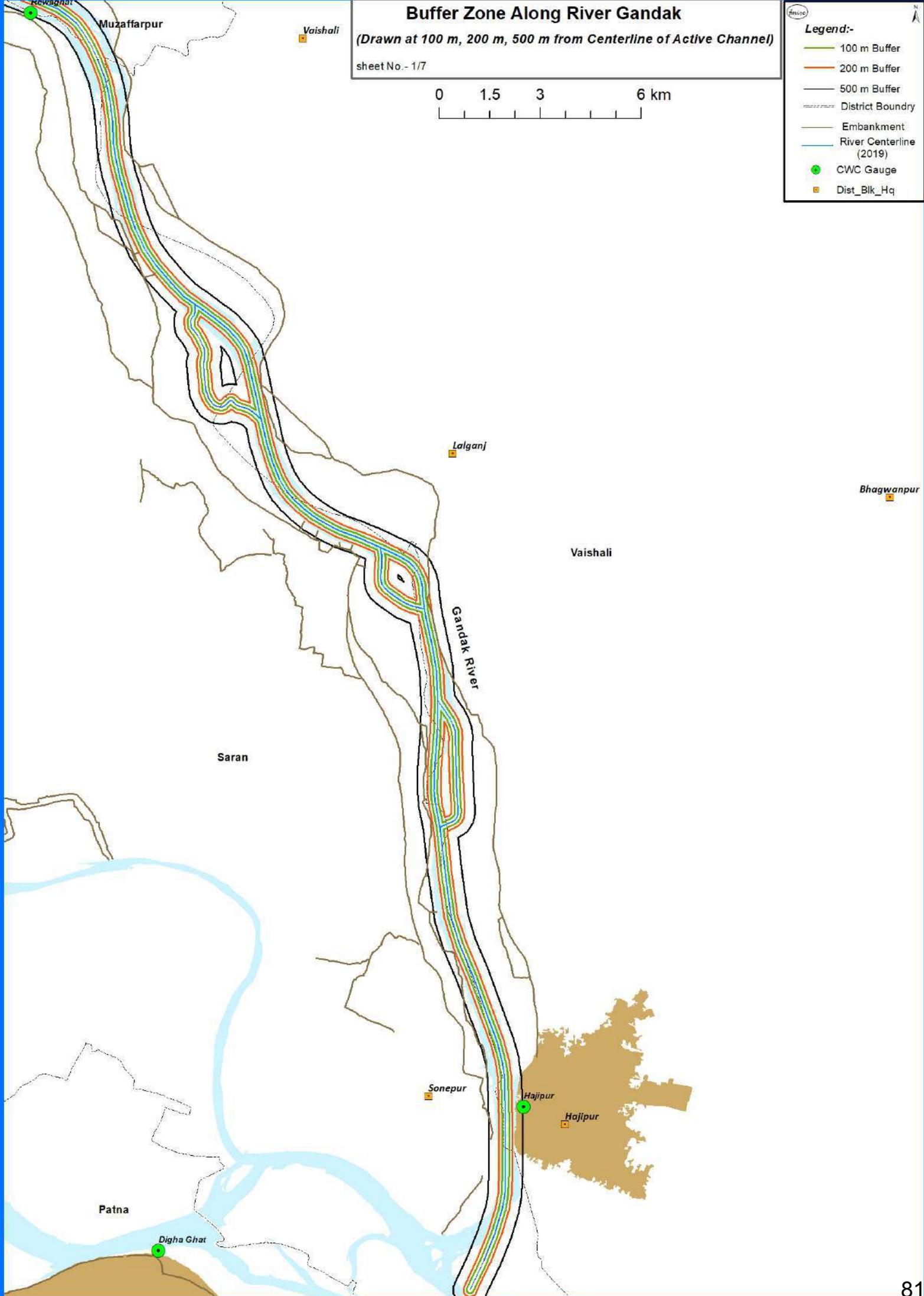
(Drawn at 100 m, 200 m, 500 m from Centerline of Active Channel)

sheet No. - 1/7



Legend:-

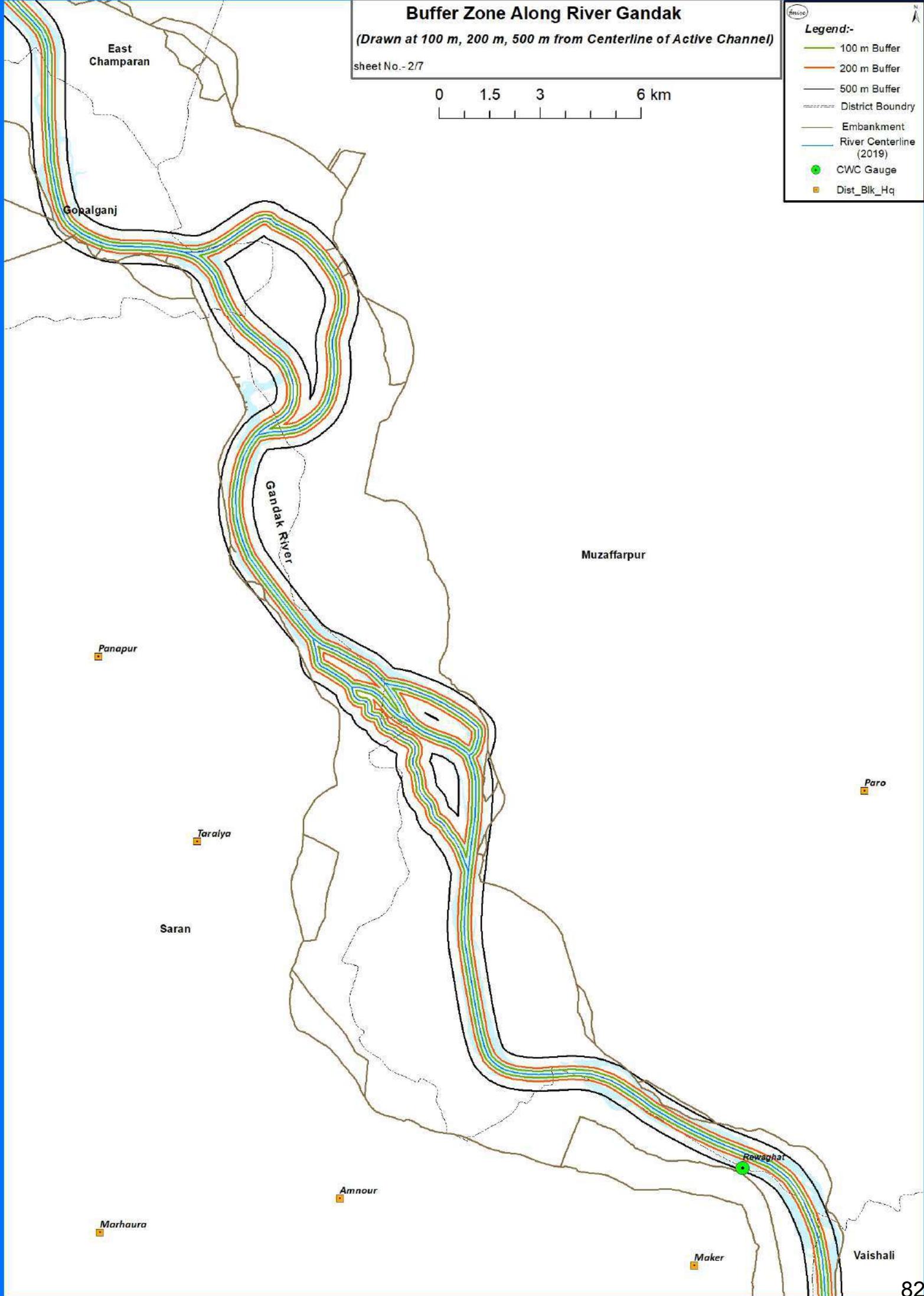
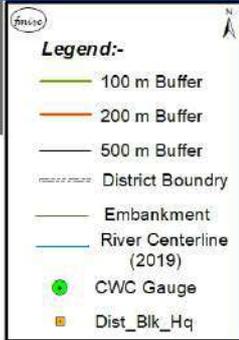
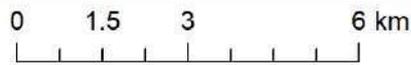
- 100 m Buffer
- 200 m Buffer
- 500 m Buffer
- District Boundry
- Embankment
- River Centerline (2019)
- CWC Gauge
- Dist_Blq_Hq



Buffer Zone Along River Gandak

(Drawn at 100 m, 200 m, 500 m from Centerline of Active Channel)

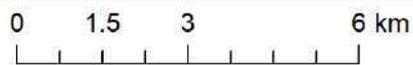
sheet No.- 2/7



Buffer Zone Along River Gandak

(Drawn at 100 m, 200 m, 500 m from Centerline of Active Channel)

sheet No. - 3/7



Legend:-

- 100 m Buffer
- 200 m Buffer
- 500 m Buffer
- District Boundry
- Embankment
- River Centerline (2019)
- CWC Gauge
- Dist_Blk_Hq

Areraj

Kotwa

Sangrampur

East
Champaran

Gandak River

Kesaria

Sidhwalia

Gopalganj

Siwan

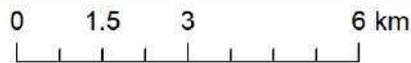
Baikunthpur

Muzaffarpur

Buffer Zone Along River Gandak

(Drawn at 100 m, 200 m, 500 m from Centerline of Active Channel)

sheet No.- 4/7



Legend:-

- 100 m Buffer
- 200 m Buffer
- 500 m Buffer
- District Boundry
- Embankment
- River Centerline (2019)
- CWC Gauge
- Dist_Blk_Hq

Bairia

Nautan

West Champaran

Paharpur

East Champaran

Areraj

Chatia

Gopalganj

Gandak River

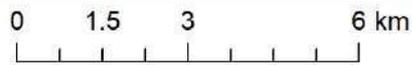
Sangrampur

Gopalganj

Buffer Zone Along River Gandak

(Drawn at 100 m, 200 m, 500 m from Centerline of Active Channel)

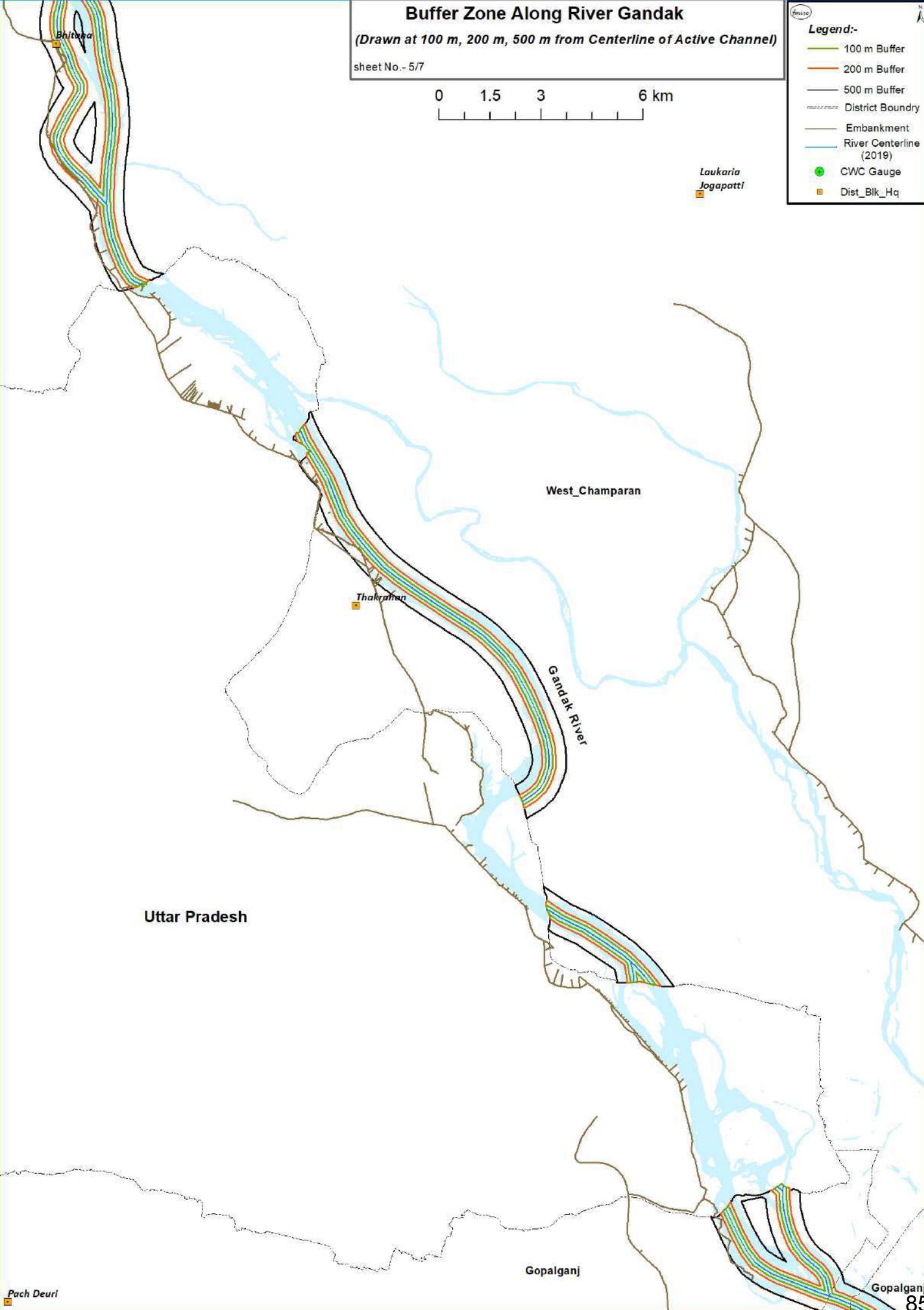
sheet No.- 5/7



Legend:-

- 100 m Buffer
- 200 m Buffer
- 500 m Buffer
- District Boundary
- Embankment
- River Centerline (2019)
- CWC Gauge
- Dist_Blk_Hq

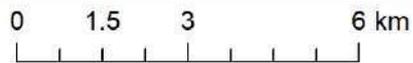
Laukaria
Jogapatti



Buffer Zone Along River Gandak

(Drawn at 100 m, 200 m, 500 m from Centerline of Active Channel)

sheet No. - 6/7



Uttar Pradesh

Bagaha

West Champaran

Pipraisi

Madhubani

Gandak River

Bhitaha

Buffer Zone Along River Gandak

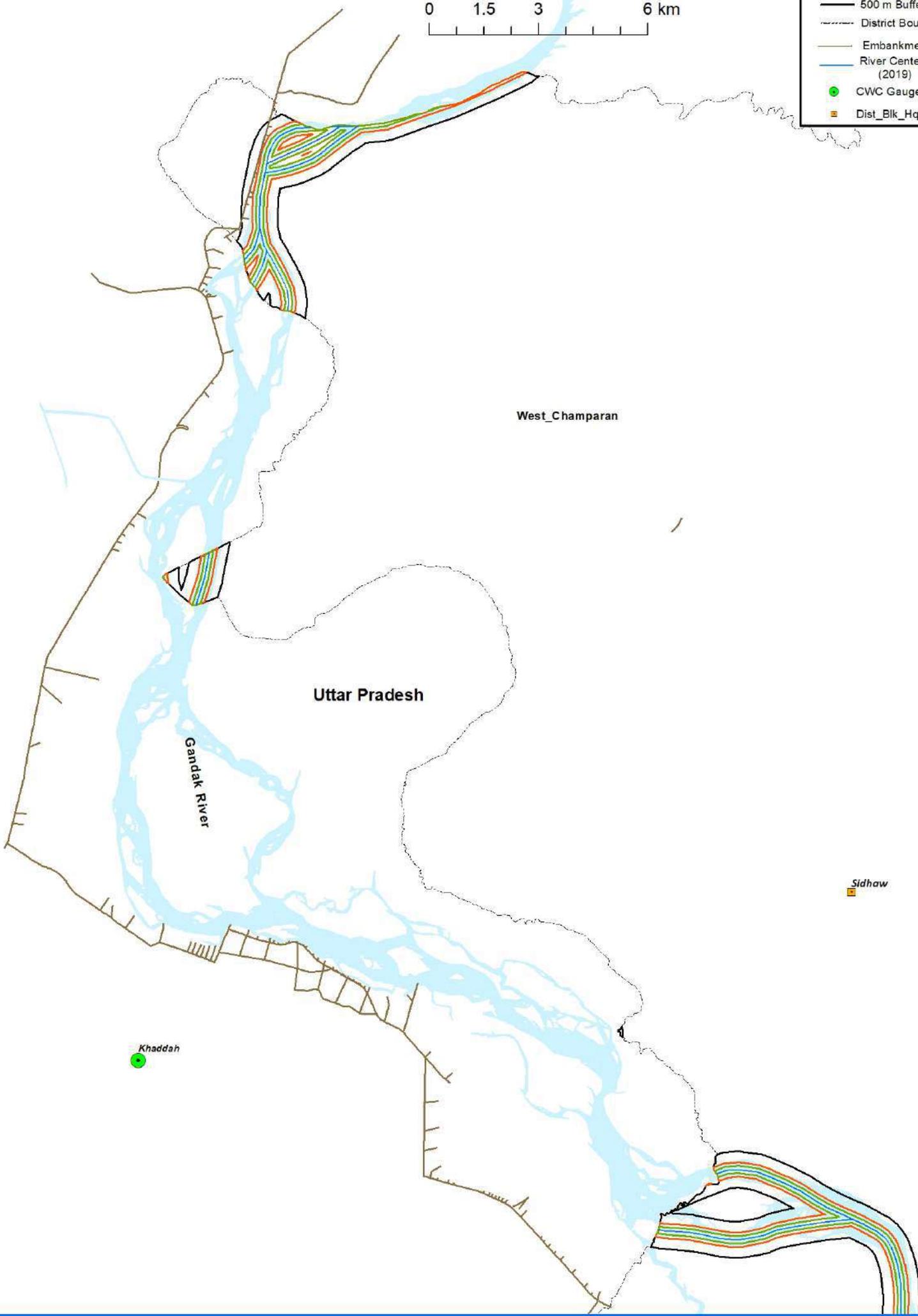
(Drawn at 100 m, 200 m, 500 m from Centerline of Active Channel)

sheet No.- 7/7



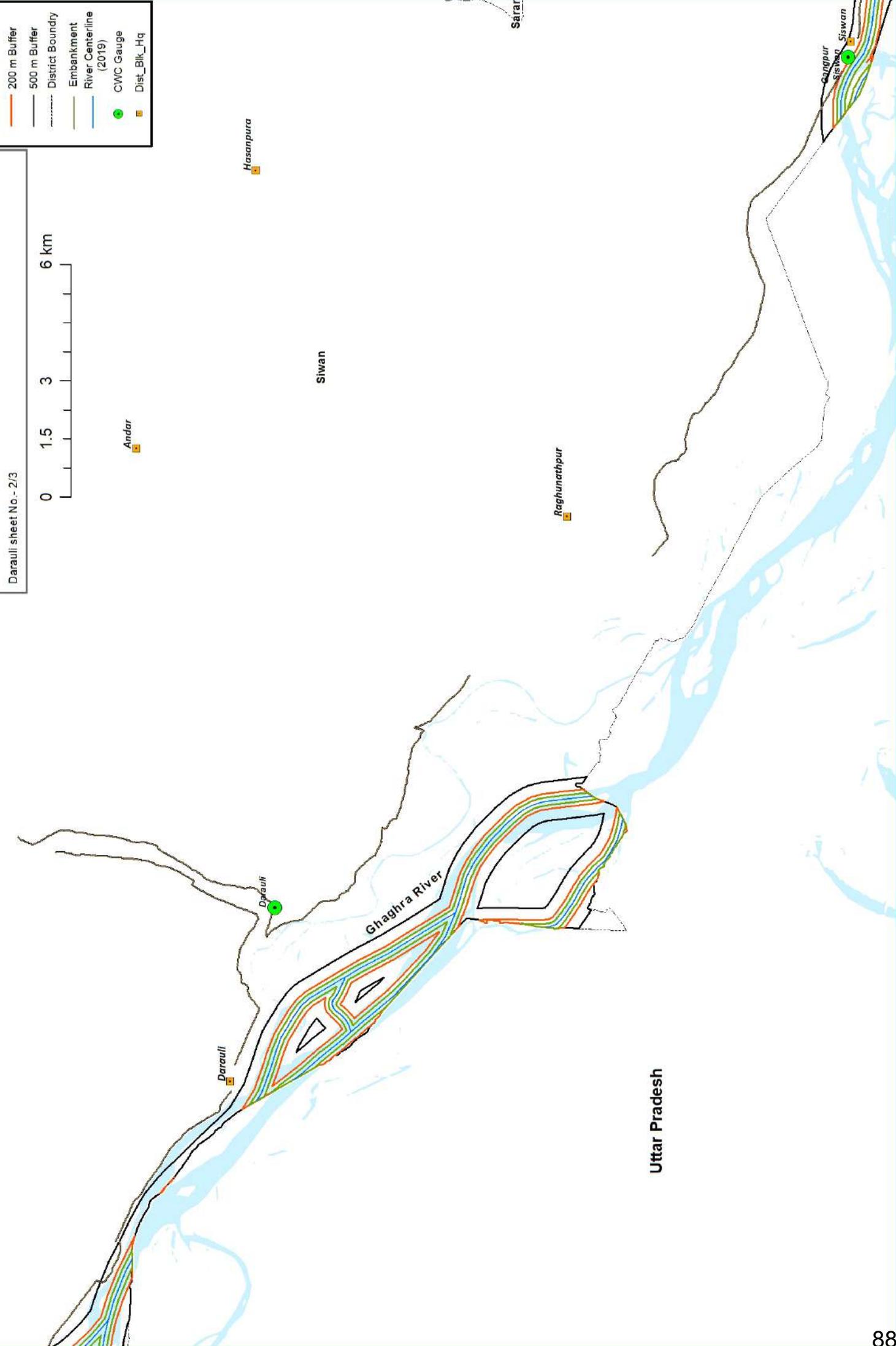
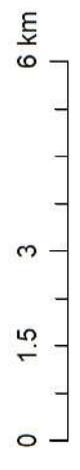
Legend:-

- 100 m Buffer
- 200 m Buffer
- 500 m Buffer
- District Boundry
- Embankment
- River Centerline (2019)
- CWC Gauge
- Dist_Blq_Hq



Buffer Zone Along River Ghaghra
 (Drawn at 100 m, 200 m, 500 m from Centerline of Active Channel)

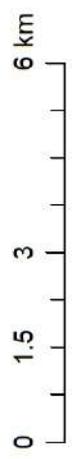
- Legend:-**
- 100 m Buffer
 - 200 m Buffer
 - 500 m Buffer
 - District Boundary
 - Embankment
 - River Centerline (2019)
 - CWC Gauge
 - Dist_Blk_Hq



Legend:-

- 100 m Buffer
- 200 m Buffer
- 500 m Buffer
- District Boundary
- Embankment
- River Centerline (2019)
- CWC Gauge
- Dist_Blk_Hq

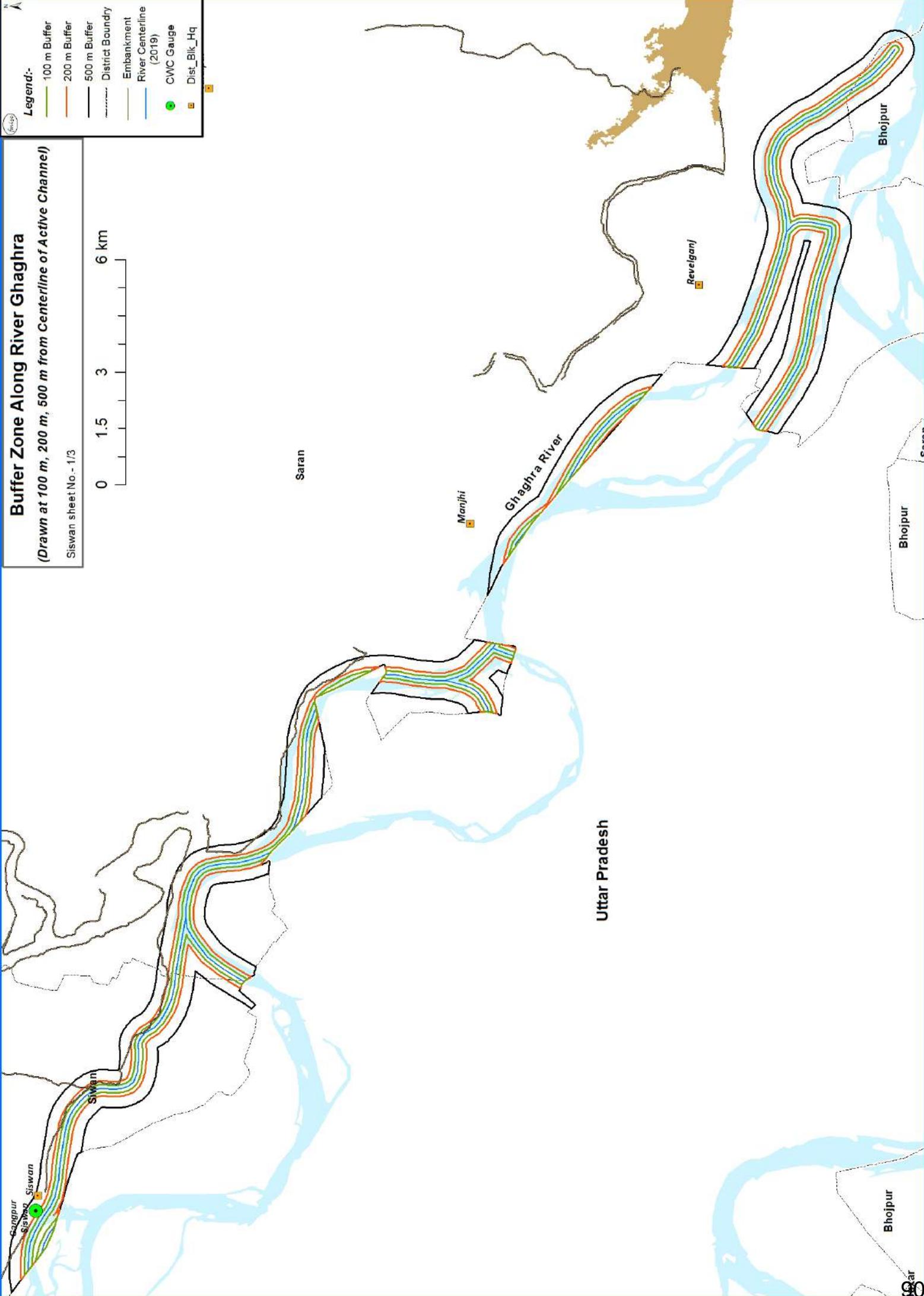
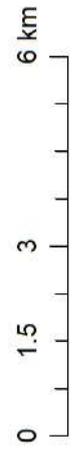
Buffer Zone Along River Ghaghra
 (Drawn at 100 m, 200 m, 500 m from Centerline of Active Channel)
 Guthani sheet No. - 3/3



Legend:-

- 100 m Buffer
- 200 m Buffer
- 500 m Buffer
- District Boundry
- Embankment
- River Centerline (2019)
- CWC Gauge
- Dist_Blk_Hq

Buffer Zone Along River Ghaghra
 (Drawn at 100 m, 200 m, 500 m from Centerline of Active Channel)
 Siswan sheet No.- 1/3



नगर विकास एवं आवास विभाग
जल जीवन हरियाली अभियान संबंधी प्रगति प्रतिवेदन :-

क्र०.सं०	नगर निकाय का नाम	वार्ड न०	रेन वाटर हार्वेस्टिंग पिट के निर्माण हेतु सरकारी भवनों की विवरणी									रेन वाटर हार्वेस्टिंग पिट के निर्माण हेतु निजी भवन / Commercial Buildings 5000 Sqft एवं उससे अधिक क्षेत्रफल वाले Roof top की विवरणी			अभियुक्ति
			नगर निकायों के स्वामित्व वाले भवन			राज्य सरकार के स्वामित्व वाले अन्य भवन			केन्द्र सरकार के स्वामित्व वाले भवन			चिह्नित भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या	
			भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या	भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या	भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Ara Municipal Corporation	45	9	1	0	14	0	0	2	0	0	29	7	-	
2	Begusarai Municipal Corporation	45	8	4	0	70	5	12	35	0	0	12	3	2	
3	Bhagalpur Municipal Corporation	51	6	4	0	73	28	0	5	0	0	196	0	0	
4	Chhapara Municipal Corporation	45	2	1	0	45	6	0	10	2	0	0	0	0	प्रतिवेदित भवनों में रेन वाटर हार्वेस्टिंग पिट की प्रक्रिया प्रारंभ है।
5	Darbhanga Municipal Corporation	48	4	0	0	761	0	0	41	0	0	66	12	3	
6	Munger Municipal Corporation	45	5	0	0	36	0	0	7	0	0	75	0	5	निजी भवनों को नोटिस दिया गया है।

क्र०.सं०	नगर निकाय का नाम	वार्ड न०	रेन वाटर हार्वेस्टिंग पिट के निर्माण हेतु सरकारी भवनों की विवरणी									रेन वाटर हार्वेस्टिंग पिट के निर्माण हेतु निजी भवन / Commercial Buildings 5000 Sqft एवं उससे अधिक क्षेत्रफल वाले Roof top की विवरणी			अभियुक्ति
			नगर निकायों के स्वामित्व वाले भवन			राज्य सरकार के स्वामित्व वाले अन्य भवन			केन्द्र सरकार के स्वामित्व वाले भवन			चिन्हित भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या	
			भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या	भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या	भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
7	Muzaffarpur Municipal Corporation	49	3	2	0	-	-	-	-	-	-	173	0	0	
8	Arwal Municipal Council	25	0	0	0	56	0	0	2	0	0	0	0	0	
9	Bagaha Municipal Council	35	3	0	0	0	0	0	0	0	0	10	0	0	
10	Bakhtiyarpur Municipal Council	27	2	0	0	25	0	0	2	0	0	0	0	0	
11	Barh Municipal Council	27	17	1	0	19	10	0	1	0	0	1	1	0	
12	Buxar Municipal Council	34	4	2	2	155	0	0	10	0	0	21	0	0	निजी भवन व्यवसायिक भवनों को रेन वाटर हार्वेस्टिंग पिट बनाने हेतु नोटिस पत्रांक 1907 दिनांक 24.07.2019 द्वारा निर्गत किया जा चुका है।

क्र०.सं०	नगर निकाय का नाम	वार्ड न०	रेन वाटर हार्वेस्टिंग पिट के निर्माण हेतु सरकारी भवनों की विवरणी									रेन वाटर हार्वेस्टिंग पिट के निर्माण हेतु निजी भवन / Commercial Buildings 5000 Sqft एवं उससे अधिक क्षेत्रफल वाले Roof top की विवरणी			अभियुक्ति
			नगर निकायों के स्वामित्व वाले भवन			राज्य सरकार के स्वामित्व वाले अन्य भवन			केन्द्र सरकार के स्वामित्व वाले भवन			चिन्हित भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या	
			भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या	भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या	भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
13	Danapur Municipal Council	40	1	2	0	0	0	0	0	0	0	10	0	0	निजी भवनों के निर्माण हेतु संबंधित बिल्डर को नोटिस दिया गया है तथा नगर निकाय के स्वामित्व वाले दो भवनों में कार्य प्रगति पर है।
14	Daudnagar Municipal Council	27	1	0	1	22	0	0	2	0	0	0	0	0	
15	Fatuha Municipal Council	27	1	1	0	0	-	-	0	-	-	-	-	-	
16	Hazipur Municipal Council	39	2	0	2	-	-	-	-	-	-	6	2	2	
17	Gopalganj Municipal Council	28	3	0	2	65	3	15	3	0	0	12	-	-	
18	Jamalpur Municipal Council	36	2	0	2	48	0	0	10	0	0	122	0	1	
19	Khagaria Municipal Council	26	0	3	2	83	8	-	0	0	0	0	0	0	
20	Khagaul Municipal Council	27	2	2	1	0	0	0	0	0	0	0	0	0	

क्र०.सं०	नगर निकाय का नाम	वार्ड न०	रेन वाटर हार्वेस्टिंग पिट के निर्माण हेतु सरकारी भवनों की विवरणी									रेन वाटर हार्वेस्टिंग पिट के निर्माण हेतु निजी भवन / Commercial Buildings 5000 Sqft एवं उससे अधिक क्षेत्रफल वाले Roof top की विवरणी			अभियुक्ति
			नगर निकायों के स्वामित्व वाले भवन			राज्य सरकार के स्वामित्व वाले अन्य भवन			केन्द्र सरकार के स्वामित्व वाले भवन			चिन्हित भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या	
			भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या	भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या	भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
21	Kishanganj Municipal Council	34	16	1	0	112	63	0	5	0	0	59	0	0	
22	Lakhisarai Municipal Council	33	11	8	3	78	82	0	-	-	-	0	0	0	
23	Mokama Municipal Council	28	6	2	-	52	-	-	5	-	-	2	-	-	कनीय अभियंता का पद रिक्त होने के कारण प्रगति शून्य है।
24	Motihari Municipal Council	38	2	2	-	290	-	-	4	-	-	6	-	-	
25	Narkatiyaganj Municipal Council	25	1	0	0	7	0	0	3	0	0	5	0	0	
26	Phulwarisarif Municipal Council	28	3	2	1	5	0	0	7	1	0	8	0	0	
27	Raxaul Municipal Council	25	6	1	1	0	-	-	-	-	-	-	-	-	पत्रांक 779 दिनांक 13.08.2019 के द्वारा वांछित सूचना माँगी गई है।
28	Samastipur Municipal Council	29	5	-	-	19	-	2	8	-	-	25	-		

क्र०.सं०	नगर निकाय का नाम	वार्ड न०	रेन वाटर हार्वेस्टिंग पिट के निर्माण हेतु सरकारी भवनों की विवरणी									रेन वाटर हार्वेस्टिंग पिट के निर्माण हेतु निजी भवन / Commercial Buildings 5000 Sqft एवं उससे अधिक क्षेत्रफल वाले Roof top की विवरणी			अभियुक्ति
			नगर निकायों के स्वामित्व वाले भवन			राज्य सरकार के स्वामित्व वाले अन्य भवन			केन्द्र सरकार के स्वामित्व वाले भवन			चिन्हित भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या	
			भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या	भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या	भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
29	Shaharsa Municipal Council	40	2	4	0	850	0	0	450	0	0	0	0	0	राज्य सरकार एवं केंद्र सरकार अनुमानित भवन की संख्या है।
30	Sultanganj Municipal Council	25	5	0	5	3	0	3	1	0	0	3	0	3	
31	Supaul Municipal Council	28	11	4	6	61	0	0	12	0	0	0	0	0	
32	Dighwara Nagar Panchayat	18	1	1	1	10	2	0	4	0	2	0	0	0	
33	Jogbani Nagar Panchayat	19	1	1	-	11	-	-	6	-	-	-	-	-	नियमित अभियंता नहीं होने के कारण निविदा प्रक्रियाधीन है।
34	Kahalgaon Nagar Panchayat	17	7	-	-	17	-	-	1	-	-	3	-	-	
35	Maner Nagar Panchayat	19	12	0	0	6	0	0	0	0	0	0	0	0	

क्र०.सं०	नगर निकाय का नाम	वार्ड न०	रेन वाटर हार्वेस्टिंग पिट के निर्माण हेतु सरकारी भवनों की विवरणी									रेन वाटर हार्वेस्टिंग पिट के निर्माण हेतु निजी भवन / Commercial Buildings 5000 Sqft एवं उससे अधिक क्षेत्रफल वाले Roof top की विवरणी			अभियुक्ति
			नगर निकायों के स्वामित्व वाले भवन			राज्य सरकार के स्वामित्व वाले अन्य भवन			केन्द्र सरकार के स्वामित्व वाले भवन			चिन्हित भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या	
			भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या	भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या	भवनों की संख्या	निर्माणाधीन रेन वाटर हार्वेस्टिंग पिट की संख्या	निर्मित रेन वाटर हार्वेस्टिंग पिट की संख्या				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
36	Manihari Nagar Panchayat	15	1	2	-	20	20	-	-	-	-	-	-	-	
37	Naugachhiya Nagar Panchayat	23	15	-	-	-	-	-	-	-	-	1	-	-	पिट निर्माण हेतु सर्वे हो रहा है ।
38	Ramnagar Nagar Panchayat	23	1	1	-	5	-	-	2	1	-	17	-	-	
39	Sonpur Nagar Panchayat	21	1	1	3	12	2	2	-	-	-	-	-	-	
40	Brahiya Nagar Panchayat	24	2	2	0	41	0	0	1	0	0	0	0	0	
41	Teghra Nagar Panchayat	25	1	1	0	12	6	6	3	1	2	19	0	0	
42	Madhepura Municipal Council	26	111	1	0	42	1	0	3	0	0	23	0	0	
43	Jamui Municipal Council	30	3	2	0	89	144	0	2	0	0	14	0	0	भवन निर्माण विभाग से प्राप्त जानकारी के अनुसार राज्य सरकार के स्वामित्व वाले 89 भवनों में से 144 पर रेन पिट निर्माण हेतु निविदा की गई है

CWGB

B33

दूरभाष: 0612.2205435 / 2201076
ईमेल: rdmer-cgwb@nic.in

स्पीड पोस्ट/ईमेल
सं.के.भू.ज.बो./ग.पू.क्षे./एन.जी.टी./टेक 108/2019 132
जलशक्ति मंत्रालय
जल संसाधन, नदी विकास एवं गंगा संरक्षण विभाग
केन्द्रीय भूमि जल बोर्ड
मध्य-पूर्व क्षेत्रीय कार्यालय
6-7वां तल, लोक नायक जयप्रकाश भवन
डाक बंगला, पटना 800001

श्री अ.क.स.
26/7/19

S.S(SK)

24 JUL 2019

दिनांक: 19 JUL 2019

TL, SPMG
[Signature]

सेवा में,

प्रधान सचिव,
सह परियोजना निदेशक
बी.जी.सी.एम.एस.
नगर विकास एवं आवास विभाग, पटना

विषय: केन्द्रीय भूमि जल बोर्ड, मध्य पूर्वी क्षेत्र, पटना से संबंधित निर्णय के अनुपालन के संबंध में।

महोदय,

माननीय NGT द्वारा दिनांक 29/05/2019 को संसूचित आदेश के परिप्रेक्ष्य में दिनांक 25/6/2019 को मुख्य सचिव बिहार की अध्यक्षता में आहूत बैठक में लिये गये निर्णयों के आलोक में केन्द्रीय भूमि जल बोर्ड, मध्य पूर्वी क्षेत्र से संबंधित निर्णय निम्न प्रकार है:

15. भूगर्भ जल हेतु नियमन तैयार करना
(कार्रवाई केन्द्रीय भूजल पषर्द/लघु जल संसाधन विभाग)

उपरोक्त के संबंध में सूचित करना है कि राज्य सरकार द्वारा वर्ष 2006 में भूजल अधिनियम पारित किया गया था। वर्तमान में सरकार द्वारा जल संरक्षण अधिनियम 2019 के नियमन (Formulation) की प्रक्रिया जारी है और संबंधित विभागों से विमर्श की जा रही है।

भवदीय,

आनन्द कुमार अग्रवाल
(आनन्द कुमार अग्रवाल) 19/7
क्षेत्रीय निदेशक

25 JUL 2019
[Signature]

953
[Signature]



बिहार राज्य प्रदूषण नियंत्रण पर्षद्

परिवेश भवन, पाटलीपुत्र औद्योगिक क्षेत्र, पटना-800 010

दूरभाष नं०-0612-2261250/2262265, फ़ैक्स-0612-2261050; वेबसाईट-<http://bspcb.bih.nic.in>.

पटना, दिनांक:- 22.10.19

पत्रांक- B-5757

प्रेषक,

आलोक कुमार, भा.व.से.,
सदस्य-सचिव.

सेवा में,

प्रधान सचिव,
नगर विकास एवं आवास विभाग,
बिहार सरकार।

AD (S. The)
for
S.S (SK)
20/10/19



SP m 4
25
20.10.19

10245
25/10/19

विषय:-माननीय एन.जी.टी., नई दिल्ली में दायर O.A. No. 200/2014: एम.सी. मेहता बनाम भारत संघ व अन्य के संबंध में दिनांक-07-08-2019 को पारित आदेश के अनुपालन के संबंध में।

प्रसंग:-विभागीय पत्रांक-881, दिनांक-21.10.2019.

महाशय,

उपरोक्त विषयक प्रसांगिक पत्र के आलोक में माननीय एन.जी.टी. नई दिल्ली द्वारा दिनांक-07.08.2019 को पारित आदेश के अनुपालन में स्थिति प्रतिवेदन संलग्न की जा रही है। विदित हो कि पर्षद् द्वारा गंगा एवं इसके सहायक नदियों के संरक्षण एवं पूर्णोद्धार हेतु तैयार किये जाने वाले कार्य-योजना से संबंधित प्रतिवेदन पर्षद् पत्रांक-बी.-09, दिनांक-01.01.2019, बी.-1722, दिनांक-29.03.2019, 823, दिनांक-25.07.2019 एवं राज्य गंगा समिति की दिनांक-06.09.2019 को आहूत बैठक के दौरान स्थिति से अवगत करा दी गयी थी।

अनु०:-यथोपरि।

विश्वासभाजन,

(Signature) 22/10/19
(आलोक कुमार)

सदस्य-सचिव.



1360
31/10/19

The Hon'ble NGT Order dated-07.08.2019 in O.A. No. 200/2014 in the matter of M.C. Vs Union of India & Ors.

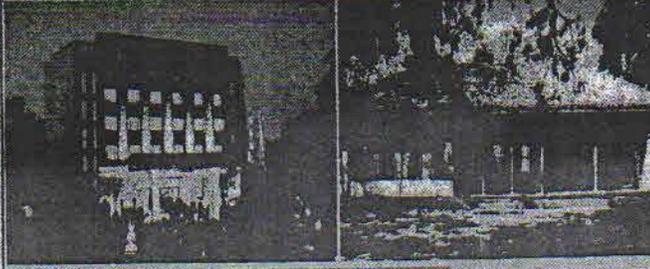
Assignment of Bihar State Pollution Control Board, Patna

SN	Issues	Compliance
1.	Prohibit dumping of bio-medical waste.	<ul style="list-style-type: none"> • Board is ensuring management of bio-medical waste in accordance with the provisions of the Bio-Medical Waste Management Rules, 2016. • A total no. of 24520 Health Care Facilities (HCFs) have been identified in the State estimated to generate about 35837 kg/day of Bio-Medical Wastes. • There are four Common Bio-Medical Waste Treatment Facilities and three captive treatment facilities with a total capacity of 33600 kg/day under operation in the State. A total of 5597 HCFs are tied up with these CBWTFs. In addition to these two more common facilities are proposed to be established at Bhojpur and Madhepura. • BSPCB has granted authorization to 5007 HCFs under the Bio-Medical Waste Management Rules, 2016. • The Board had issued closure directions to 459 Health Care Facilities for non-compliance of the provisions of the Bio-Medical Waste Management Rules, 2016 out of which 202 units have been closed down by District Level Authorities, 53 Closure Directions have been revoked after compliance by the units and 39 have closed down on their own. • State Level Advisory Committee on bio-medical waste management held its 3rd meeting on 10.06.2019. • An Action Plan for management of bio-medical waste has been prepared and necessary instructions are being passed to ensure its implementation within stipulated time to the concerned agencies. • A meeting regarding compliances of directions of the Hon'ble NGT was held under Chairmanship of the Chief Secretary, Bihar on 16.08.2019 • Administrative approval has been granted to Bihar Medical Services Infrastructure Corporation Limited (BMSICL) to construct Effluent Treatment Plant in 27 District Hospitals, 66 Referral Hospitals and 46 Sub-divisional Hospitals. Also, 10 District Hospitals are being developed as Model Hospitals which will be equipped with Effluent Treatment Plant. • Tender for installation of ETPs at 25 district hospitals and 45 sub-divisional hospitals have been invited by BMSICL. • Annual report in Form-IV has so far been received from 505 HCFs. • Board has levied environmental compensation of Rs. 1.75 lakh from CBWTF, Gaya for non-compliance of the provisions

		of the BMW Rules, 2016.
2.	Prohibit all industrial polluting activity in Ganga Basin and securing compliance from industries in the catchment of the drains.	<ul style="list-style-type: none"> • Board is ensuring the compliance of discharge standards & guidelines for implementation of Zero Liquid Discharge (ZLD). • Board has identified a total of 229 Wastewater generating units, which includes a total of 56 Grossly Polluting Industries (GPIs) in the basin of Ganga and its tributaries. The status of GPIs is enclosed. • Out of 229 units, 219 have functional Effluent Treatment Plants and 10 are without ETP. Board has issued Show cause notices to 6 units, Closure Directions to 3 units for operating without ETP and filed complaint case against 1 unit. • Out of 219 units having functional ETP, 211 have been found complying with the standards and 8 have been found non-compliant. Show cause notice issued to non complying units. • The State is contemplating to have CETPs for the industrial areas: Fatuha (02 MLD) in Patna; Barari (01 MLD) in Bhagalpur; Hajipur (06 MLD) in Vaishali and Bela (05 MLD) in Muzaffarpur). Environmental Clearance (EC) has been accorded by SEIAA for aforesaid proposed CETPs in Bihar. Industries Department is trying for early setting up of aforesaid CETPs in Bihar.
3.	Closing of hotels, dharmshalas and ashrams, being run without STP and without CTO.	<ul style="list-style-type: none"> • In compliance with the order of the Hon'ble NGT, Principal Bench, Delhi in the matter of M.C. Mehta Vs Union of India & Ors (O.A. No. 200/2014), dated-10.12.2015, 13.07.2017 & 14.05.2019, this Board has issued public notice in daily news paper on 04.07.2019 and 12.07.2019 for setting up of STP for treatment of sewage/domestic waste water and to obtain consent under the provision of section 25 of the Water (Prevention and Control of Pollution) Act, 1974. Copy of the same is attached.
4.	To place the status of water quality in the respective States on websites and update the same on monthly basis indicating fitness of water at various places for drinking/ bathing purposes.	<p>Complied.</p> <ul style="list-style-type: none"> • Water quality of the rivers has been uploaded on the Bihar State Pollution Control Board website: http:// bspcb.bih.nic.in. (Environmental Monitoring Data)
5.	Ensuring that water quality at every point meets the standards and if there is a violation, the violators (including defaulting industries, hotels and even households) are proceeded against in accordance with law by way of prosecution,	Industrial units have submitted Bank Guarantee of Rs. 140 lakh to ensure the compliance of direction. Bihar State Pollution Control Board has forfeited Bank Guarantee of Rs. 40 lakh (M/s Majhulia Sugar Industry Ltd., Majhulia and M/s HPCL Bio-Fules, Lauriya, West Champaran) under the "Polluter Pays" Principle.

	closure of polluting activities and payment of compensation for the damage to the environment and using the funds for environmental restoration.	
6.	The furnish list of industries having potential for causing pollution of river Ganga.	<ul style="list-style-type: none"> Board has identified a total of 56 Grossly Polluting Industries (GPIs) in the basin of Ganga and its tributaries. The latest status of GPIs is enclosed.
7.	Special cells to be created in the States to monitor the actions.	<ul style="list-style-type: none"> State Level Advisory Committee constituted vide Department of Environment, Forest & Climate Change, Govt. of Bihar vide notification no. 689 (E), dated-12.06.2019 under the chairmanship of the Chief Secretary, Bihar for implementation of environmental laws and monitoring of the program related with pollution control and environmental conservation.
8.	Action plan of UD&HD, Agriculture Department, Water Resources Department and Central Ground Water Board was submitted to NMCG. Industry Department, Rural Development Department, Panchayati Raj Department, Minor Water Resources Department, Environment, Forest & Climate Change Department, Mines Department and State Pollution Control Board did not submit action plan.	<ul style="list-style-type: none"> Bihar State Pollution Control Board has already submitted inputs to UD&HD, GoB for preparation of action plan for river Ganga and its tributaries in Bihar Ganga Basin vide ref. no. B-09, dated-01.01.2019. Status of qualitative and quantitative monitoring of drains under towns of ULBs in the State of Bihar was also submitted to UD&HD, GoB vide letter no. B-1722, dated-29.03.2019. Latest status of GPIs and water quality report for the year 2018-19 are enclosed.

होटल, धर्मशाला एवं आश्रम के संचालक कृपया ध्यान दें।



आवश्यक सूचना

माननीय राष्ट्रीय हरित न्यायाधिकरण (NGT), नई दिल्ली द्वारा एम.सी. मेहता बनाम भारत सरकार (मूल आवेदन संख्या-200/2014) में दिनांक-10.12.2015, 13.07.2017 एवं 14.05.2019 को पारित आदेशों के अनुसार 'होटल, धर्मशाला एवं आश्रम' के संचालन हेतु बिहार राज्य प्रदूषण नियंत्रण पर्यद से सहमति एवं मलजल/सीवेज के शुद्धिकरण हेतु सीवेज ट्रीटमेन्ट प्लांट की स्थापना अनिवार्य है।

उपरोक्त आदेशों के आलोक में एतद द्वारा निदेश दिया जाता है कि राज्य स्थित सभी होटल, धर्मशाला एवं आश्रम सीवेज/मलजल के शुद्धिकरण हेतु सीवेज ट्रीटमेन्ट प्लांट की स्थापना तथा पर्यद से संचालनार्थ सहमति प्राप्त कर ही संचालन करेंगे। इसका उल्लंघन जल (प्रदूषण निवारण एवं नियंत्रण) अधिनियम, 1974 की धारा-25 के तहत वर्णित दण्डात्मक प्रावधानों को आकृष्ट करेगा।

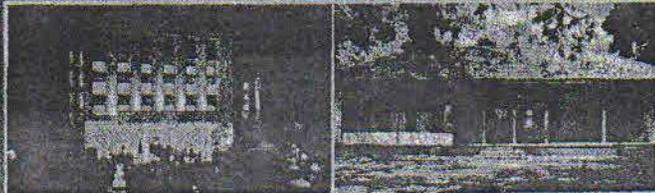
सदस्य-सचिव



बिहार राज्य प्रदूषण नियंत्रण पर्यद

ई-मेल: bspccb@yahoo.com वेबसाइट: <http://bspccb.bih.nic.in>

होटल, धर्मशाला एवं आश्रम के संचालक कृपया ध्यान दें।



आवश्यक सूचना

माननीय राष्ट्रीय हरित न्यायाधिकरण (NGT), नई दिल्ली द्वारा एम.सी. मेहता बनाम भारत सरकार (मूल आवेदन संख्या-200/2014) में दिनांक-10.12.2015, 13.07.2017 एवं 14.05.2019 को पारित आदेशों के अनुसार 'होटल, धर्मशाला एवं आश्रम' के संचालन हेतु बिहार राज्य प्रदूषण नियंत्रण पर्यद से सहमति एवं मलजल/सीवेज के शुद्धिकरण हेतु सीवेज ट्रीटमेन्ट प्लांट की स्थापना अनिवार्य है।

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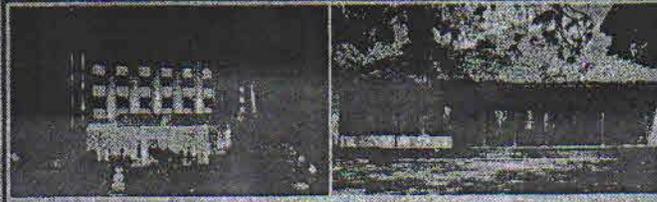
सदस्य-सचिव



बिहार राज्य प्रदूषण नियंत्रण पर्यद

ई-मेल: bspccb@yahoo.com वेबसाइट: <http://bspccb.bih.nic.in>

होटल, धर्मशाला एवं आश्रम के संचालक कृपया ध्यान दें!



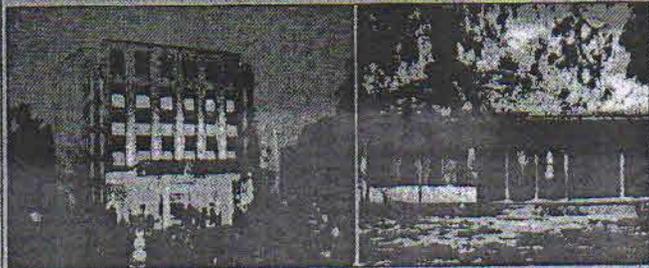
आवश्यक सूचना

माननीय राष्ट्रीय हरित न्यायाधिकरण (NGT), नई दिल्ली द्वारा एम.सी. मेहता बनाम भारत सरकार (मूल आवेदन संख्या-200/2014) में दिनांक-10.12.2015, 13.07.2017 एवं 14.05.2019 को पारित आदेशों के अनुसार 'होटल, धर्मशाला एवं आश्रम' के संचालन हेतु बिहार राज्य प्रदूषण नियंत्रण पर्वद से सहमति एवं मलजल/सीवेज के शुद्धिकरण हेतु सीवेज ट्रीटमेंट प्लांट की स्थापना अनिवार्य है।
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सदस्य-सचिव

बिहार राज्य प्रदूषण नियंत्रण पर्वद
ई-मेल-bspcb@yahoo.com, वेबसाइट- http://bspcb.bih.nic.in

होटल, धर्मशाला एवं आश्रम के संचालक कृपया ध्यान दें!



आवश्यक सूचना

माननीय राष्ट्रीय हरित न्यायाधिकरण (NGT), नई दिल्ली द्वारा एम.सी. मेहता बनाम भारत सरकार (मूल आवेदन संख्या-200/2014) में दिनांक-10.12.2015, 13.07.2017 एवं 14.05.2019 को पारित आदेशों के अनुसार 'होटल, धर्मशाला एवं आश्रम' के संचालन हेतु बिहार राज्य प्रदूषण नियंत्रण पर्वद से सहमति एवं मलजल/सीवेज के शुद्धिकरण हेतु सीवेज ट्रीटमेंट प्लांट की स्थापना अनिवार्य है।
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सदस्य सचिव।

बिहार राज्य प्रदूषण नियंत्रण पर्वद
ई मेल bspcb@yahoo.com वेबसाइट http://bspcb.bih.nic.in

दैनिक भास्कर

पटना, गुरुवार, 04 जुलाई, 2019 7

होटल, धर्मशाला एवं आश्रम के संचालक कृपया ध्यान दें!



आवश्यक सूचना

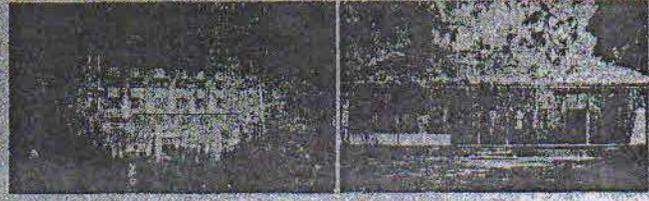
माननीय राष्ट्रीय हरित न्यायाधिकरण (NGT), नई दिल्ली द्वारा एम.सी. मेहता बनाम भारत सरकार (मूल आवेदन संख्या-200/2014) में दिनांक-10.12.2015, 13.07.2017 एवं 14.05.2019 को पारित आदेशों के अनुसार 'होटल, धर्मशाला एवं आश्रम' के संचालन हेतु बिहार राज्य प्रदूषण नियंत्रण पर्वद से सहमति एवं मलजल/सीवेज के शुद्धिकरण हेतु सीवेज ट्रीटमेंट प्लांट की स्थापना अनिवार्य है।
उपरोक्त आदेशों के आलोक में एतद् द्वारा निदेश दिया जाता है कि राज्य स्थित सभी होटल, धर्मशाला एवं आश्रम सीवेज/मलजल के शुद्धिकरण हेतु सीवेज ट्रीटमेंट प्लांट की स्थापना तथा पर्वद से संचालनार्थ सहमति प्राप्त कर ही संचालन करेंगे। इसका उल्लंघन जल (प्रदूषण निवारण एवं नियंत्रण) अधिनियम, 1974 की धारा-25 के तहत वर्णित दण्डात्मक प्रावधानों को आकृष्ट करेगा।

सदस्य-सचिव

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पटना, 4 जुलाई 2019 दैनिक जागरण 7

होटल, धर्मशाला एवं आश्रम के संचालक कृपया ध्यान दें!



आवश्यक सूचना

माननीय राष्ट्रीय हरित न्यायाधिकरण (NGT), नई दिल्ली द्वारा एम.सी. मेहता बनाम भारत सरकार (मूल आवेदन संख्या-200/2014) में दिनांक-10.12.2015, 13.07.2017 एवं 14.05.2019 को पारित आदेशों के अनुसार 'होटल, धर्मशाला एवं आश्रम' के संचालन हेतु बिहार राज्य प्रदूषण नियंत्रण पर्वद से सहमति एवं मलजल/सीवेज के शुद्धिकरण हेतु सीवेज ट्रीटमेंट प्लांट की स्थापना अनिवार्य है।
उपरोक्त आदेशों के आलोक में एतद् द्वारा निदेश दिया जाता है कि राज्य स्थित सभी होटल, धर्मशाला एवं आश्रम सीवेज/मलजल के शुद्धिकरण हेतु सीवेज ट्रीटमेंट प्लांट की स्थापना तथा पर्वद से संचालनार्थ सहमति प्राप्त कर ही संचालन करेंगे। इसका उल्लंघन जल (प्रदूषण निवारण एवं नियंत्रण) अधिनियम, 1974 की धारा-25 के तहत वर्णित दण्डात्मक प्रावधानों को आकृष्ट करेगा।

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**Bihar State Pollution Control Board, Beltron Bhawan,
Shastri Nagar, Patna-800023**

Water Quality Status of River Ganga and its Tributaries during the Year (2013-2014)

Sl. No	Sampling Station		pH	D.O mg/L	B.O.D mg/L	T.C MPN/100 mL	F.C MPN/100 mL
1.	Ganga at Buxar (Chausa)	Minimum	7.45	7.8	2.4	2800	1100
		Maximum	8.28	8.8	2.6	9000	3000
		Average	8.06	8.25	2.5	4978	1833
2.	Ganga at Ramrekha ghat Buxar	Minimum	7.58	7.6	2.6	5000	2200
		Maximum	8.25	8.7	2.8	24000	9000
		Average	8.04	8.04	2.7	13444	4622
3.	Ganga at D/S Buxar near Ganga Road Bridge.	Minimum	7.54	7.4	2.4	3000	1100
		Maximum	8.27	8.8	2.7	16000	5000
		Average	8.03	8.1	2.6	8777	2644
4.	Ganga at Danapur near Pipapul	Minimum	7.46	7.3	2.4	3000	1100
		Maximum	8.26	9.7	2.7	16000	2200
		Average	8.01	8.16	2.56	5272	1645
5.	Ganga at Kurji U/S Patna.	Minimum	7.8	7.5	2.3	2200	1100
		Maximum	8.28	9.7	2.7	9000	5000
		Average	8.08	8.2	2.5	4582	2082
6.	Ganga at Darbhanga ghat, Patna.	Minimum	7.76	7.2	2.5	9000	2400
		Maximum	8.18	9.2	2.9	24000	9000
		Average	7.95	7.92	2.7	18454	6218
7.	Ganga at Gaighat D/S Patna.	Minimum	7.71	7.0	2.6	5000	1400
		Maximum	8.22	9.3	3.0	24000	9000
		Average	7.98	8.0	2.75	14272	4436
8.	Ganga at Malsalami, Patna City.	Minimum	7.73	7.5	2.1	2400	800
		Maximum	8.34	9.4	2.7	9000	3000
		Average	8.01	8.2	2.5	4200	1545
9.	Ganga at Kewalaghat, Fatuha.	Minimum	7.63	7.5	2.0	2200	800
		Maximum	8.34	9.6	2.7	9000	3000
		Average	7.95	8.2	2.5	5140	1710
10.	Ganga at the Confluence of Sone River at Doriganj, Chapra.	Minimum	7.8	7.4	2.4	2400	800
		Maximum	8.34	9.0	2.6	5000	2400
		Average	8.18	8.28	2.5	3400	1362
11.	Ganga at U/S Mokama near B.M.P. Camp.	Minimum	7.8	6.1	2.3	2200	1100
		Maximum	8.1	8.6	2.6	5000	1700
		Average	7.92	7.71	2.46	3127	1390
12.	Ganga at D/S Mokama near Rajendra Bridge.	Minimum	7.6	5.9	2.6	5000	1700
		Maximum	8.0	8.4	2.9	24000	5000
		Average	7.8	7.6	2.78	12545	3918
13.	Ganga at Barh	Minimum	7.6	5.9	2.2	1700	800
		Maximum	8.1	8.6	2.5	3500	1400
		Average	7.9	7.7	2.4	2633	1116
14.	Ganga at U/S Munger (Near Steamer Ghat.	Minimum	7.8	6.1	2.2	1700	700
		Maximum	8.1	8.5	2.6	5000	1700
		Average	7.9	7.6	2.4	2675	1125
15.	Ganga at D/S Munger near Kasth Harni Ghat.	Minimum	7.6	5.8	2.4	2200	1100
		Maximum	8.0	7.8	2.7	5000	3000
		Average	7.8	7.4	2.5	3745	1554
16.	Ganga at Bhagalpur D/S (Ganga Bridge)	Minimum	7.7	5.9	2.4	3000	1300
		Maximum	8.0	8.5	2.8	9000	3000
		Average	7.8	7.5	2.6	6500	2392

17.	Ganga at U/S Bhagalpur (Barari ghat)	Minimum	7.7	6.0	2.4	2400	800
		Maximum	8.0	8.5	2.7	5000	1700
		Average	7.9	7.7	2.5	3066	1242
18.	Ganga at Sultanganj (D/S)	Minimum	7.7	5.9	2.4	2200	800
		Maximum	8.0	8.5	2.7	5000	1700
		Average	7.8	7.5	2.5	3100	1400
19.	Ganga at U/S Sultanganj.	Minimum	7.6	6.0	2.3	2200	800
		Maximum	8.0	8.6	2.6	3500	2200
		Average	7.8	7.7	2.4	2642	1283
20.	Ganga at Barahia.	Minimum	7.6	6.0	2.0	2200	800
		Maximum	8.1	8.5	2.6	3000	1700
		Average	7.88	7.4	2.4	2700	1150
21.	Ganga at Kahalgaon near Jahaj ghat.	Minimum	7.8	6.0	2.5	5000	1400
		Maximum	8.1	8.6	2.9	9000	3000
		Average	7.94	7.7	2.7	7000	2642
22.	Ghaghara at Ribilganj Chapra.	Minimum	7.61	7.3	2.1	1300	500
		Maximum	8.27	9.8	2.4	2800	1300
		Average	7.97	8.4	2.2	1966	855
23.	Gandak at Rewaghat, Muzaffarpur.	Minimum	7.79	7.7	1.8	1100	500
		Maximum	8.33	9.7	2.3	2800	800
		Average	7.98	8.4	2.1	1633	583
24.	Burhi Gandak at Akharaghat, Road Bridge, Muzaffarpur	Minimum	8.01	7.1	2.4	2800	900
		Maximum	8.24	8.6	2.6	3000	1700
		Average	8.11	7.9	2.5	2933	1266
25.	U/S Burhi Gandak at NH Road Bridge near Zero Mile, Muzaffarpur	Minimum	7.94	7.6	2.2	1700	700
		Maximum	8.34	9.0	2.5	2400	1100
		Average	8.14	8.1	2.4	1983	833
26.	Gandak at Sonapur near Harihar nath Temple.	Minimum	7.46	7.2	2.0	1100	500
		Maximum	8.32	9.7	2.3	2200	800
		Average	7.92	8.4	2.1	1650	650
27.	Gandak at Dumaria ghat - Piprakothi Gopalganj Road Bridge.	Minimum	7.76	7.7	1.7	1300	500
		Maximum	8.32	9.8	2.2	2400	1300
		Average	7.98	8.5	2.1	1725	662
28.	Burhi Gandak at (Magardahi ghat NH Road Bridge, Samastipur	Minimum	7.8	7.0	2.0	1700	700
		Maximum	8.30	8.8	2.5	2800	900
		Average	8.06	7.9	2.3	2183	800
29.	Sone at Bahiyara, Bhojpur.	Minimum	7.76	7.5	2.0	800	300
		Maximum	8.32	9.0	2.3	1700	700
		Average	8.09	8.2	2.1	1200	566
30.	Sone River at Banzari near Sun Temple.	Minimum	7.2	7.4	2.0	1100	500
		Maximum	8.21	9.5	2.4	1700	800
		Average	7.81	8.0	2.2	1420	660
31.	Sone at Indrapuri Dam Dehri- on-Sone.	Minimum	7.4	7.3	2.0	1300	500
		Maximum	8.19	9.2	2.3	2200	900
		Average	7.80	8.0	2.12	1760	620
32.	Sone at Nasiriganj Dam near Balu ghat.	Minimum	7.78	8.0	2.1	1400	500
		Maximum	8.16	9.6	2.3	2200	900
		Average	7.87	8.1	2.2	1680	700
33.	Sone at Koelwar near Mandir	Minimum	7.62	7.3	2.1	1100	500
		Maximum	8.31	8.9	2.2	1400	700
		Average	8.01	8.14	2.16	1275	550
34.	Punpun River at Patna-Fatuha Road Bridge, Fatuha.	Minimum	7.34	7.0	2.3	1700	700
		Maximum	8.42	8.2	2.7	5000	2400
		Average	7.81	7.7	2.5	2990	1480

35.	Punpun River at Punpun near Railway Bridge.	Minimum	7.57	7.0	2.0	1400	500
		Maximum	8.29	8.5	2.6	2200	900
		Average	7.87	7.6	2.3	1680	640
36.	Punpun River at Kinzer near Road Bridge.	Minimum	7.8	7.1	2.0	1300	500
		Maximum	8.29	8.6	2.4	2200	800
		Average	7.93	7.7	2.3	1640	700
37.	Koshi River at Kurshela Bridge, Katihar	Minimum	7.5	5.6	2.1	1700	500
		Maximum	7.8	7.8	2.4	3000	1100
		Average	7.6	6.8	2.3	2310	820
38.	Koshi River at Gumti pul, Madhepura.	Minimum	7.5	5.7	2.0	1400	500
		Maximum	7.8	7.6	2.4	2400	1300
		Average	7.6	6.7	2.2	2130	830
39.	Koshi River at Beerpur.	Minimum	7.4	5.9	2.0	1400	500
		Maximum	7.8	7.6	2.5	2400	1100
		Average	7.6	6.7	2.3	2044	833
40.	Kamla River at Benipatti, Madhubani.	Minimum	8.12	7.2	2.0	800	500
		Maximum	8.22	9.0	2.4	1400	700
		Average	8.16	8.1	2.2	1140	540
41.	Kamla River at Gausa ghat. Darbhanga.	Minimum	7.28	7.2	2.0	1700	700
		Maximum	8.16	9.0	2.6	2200	1100
		Average	7.89	7.7	2.4	2033	816
42.	Kamla River at Jaynagar near Bridge Tample.	Minimum	7.23	7.8	1.9	700	500
		Maximum	8.26	9.5	2.3	1300	500
		Average	7.91	8.3	2.04	1060	500
43.	Bagmati River at Janar Bedor, Muzaffarpur -Sitamarhi Road Bridge.	Minimum	7.68	7.6	2.2	1100	500
		Maximum	8.12	8.4	2.3	1700	800
		Average	7.87	8.0	2.2	1450	700
44.	Bagmati River at (Hanuman Nagar) Darbhanga-Samastipur Road Bridge.	Minimum	7.29	7.2	1.8	1100	500
		Maximum	8.33	9.6	2.2	1700	700
		Average	7.96	8.2	2.1	1366	550
45.	Sikrahna River at Chanpatia Road Bridge.	Minimum	6.90	1.0	2.3	2400	800
		Maximum	7.83	7.9	16	3000	1300
		Average	7.42	6.0	3.68	2720	1120
46.	Sikrahna River at Lalparsa, Sugauli-Raxual Road Bridge	Minimum	7.6	6.8	2.3	2200	800
		Maximum	7.86	8.0	2.6	2800	1100
		Average	7.73	7.6	2.4	2480	980
47.	Sikrahna River at Lauria-Harinagar Road Bridge.	Minimum	6.63	0.0	2.4	2200	800
		Maximum	7.80	8.0	110	16000	5000
		Average	7.28	4.36	38	7366	2033
48.	Daha River at Rajendra Road Bridge, Siwan	Minimum	7.46	7.0	2.3	1700	700
		Maximum	8.31	8.9	2.6	3000	1700
		Average	7.81	7.8	2.5	2600	1087
49.	Daha River at Itwa Bridge, Meerganj - Gopalganj Road.	Minimum	7.64	7.0	2.2	1300	500
		Maximum	7.86	8.8	2.5	3000	1300
		Average	7.77	7.9	2.3	2087	887
50.	Daha River at Badarjimi Bazar, Meerganj.	Minimum	7.71	7.1	2.0	1100	500
		Maximum	8.26	8.9	2.5	2200	900
		Average	7.85	7.9	2.3	1638	700
51.	D/S Daha River at Sasamusa after Sugar Mill, near Road Bridge.	Minimum	7.21	3.0	2.7	3000	1300
		Maximum	7.74	7.6	2.8	9000	3000
		Average	7.48	5.9	2.74	5285	1871
52.	U/S Harbora River at Narkatiaganj.	Minimum	6.92	7.0	1.8	1100	500
		Maximum	8.1	8.2	2.3	1700	800
		Average	7.48	7.7	2.0	1320	600

53.	D/S Harbora River at Narkatiaganj near Road Bridge	Minimum	7.0	4.8	2.6	2800	800
		Maximum	7.8	7.5	3.8	9000	3000
		Average	7.5	5.9	6.0	4633	1900
54.	U/S Ramrekha River at Harinagar.	Minimum	7.09	5.5	2.0	1100	500
		Maximum	7.92	8.0	3.7	2200	900
		Average	7.51	7.2	2.4	1383	600
55.	D/S Ramrekha River at Harinagar.	Minimum	6.80	0.0	2.7	5000	1300
		Maximum	8.12	7.3	12	24000	5000
		Average	7.34	4.15	6.0	10666	3100
56.	U/S Manusmar River at (Bakhari) Riga.	Minimum	7.64	7.4	2.2	1100	500
		Maximum	8.12	8.4	2.7	5000	2400
		Average	7.90	7.8	2.4	2133	983
57.	D/S Manusmar River at Uphraulia, Riga.	Minimum	7.42	5.5	2.3	2200	1100
		Maximum	8.10	7.6	2.8	9000	3000
		Average	7.80	6.6	2.6	4866	2050
58.	Sirsia River at Raxaul-Berganj (Nepal) Check Post Raxaul.	Minimum	7.68	0.0	2.9	16000	3000
		Maximum	8.10	6.0	15	24000	9000
		Average	7.69	4.2	7.0	17600	5400
59.	D/S Sirsia River at Koeria tola near Temple, Raxaul.	Minimum	7.05	0.0	2.9	16000	2400
		Maximum	8.10	6.2	16	24000	9000
		Average	7.68	4.2	7.3	17600	4880
60.	Mahananda River at Thakurganj-Kishanganj Road Bridge.	Minimum	7.5	6.0	2.0	1300	500
		Maximum	7.9	7.7	2.4	2400	800
		Average	7.67	6.9	2.2	1700	714
61.	Dhos River at Madhuvapur (Saharghat) Madhubani.	Minimum	7.59	7.0	2.7	3000	1100
		Maximum	8.02	7.8	3.0	24000	9000
		Average	7.83	7.4	2.8	8000	3100
62.	Parmar River at Jogbani.	Minimum	7.5	6.1	2.5	2200	1100
		Maximum	7.8	7.6	2.7	5000	2200
		Average	7.6	6.8	2.6	3200	1344
63.	Motijheel Lake at Motihari, near Gayatri Mandir.	Minimum	7.52	6.8	2.6	3000	1300
		Maximum	8.25	7.5	2.8	9000	5000
		Average	7.82	7.1	2.7	5500	2775
64.	Dighi Talabn near Kacchhari, Gaya.	Minimum	7.20	6.0	2.1	5000	1700
		Maximum	8.53	8.0	2.8	9000	3000
		Average	7.59	6.8	2.5	6600	2380
65.	Surajkund Talab near Vishnupad Temple, Gaya.	Minimum	7.20	6.4	2.6	5000	2200
		Maximum	7.62	7.5	2.8	16000	3000
		Average	7.37	6.9	2.7	9750	2650

**Bihar State Pollution Control Board, Beltron Bhawan,
Shastri Nagar, Patna-800023**

Water Quality Status of River Ganga and its Tributaries during the Year (2014-2015)

Sl. No	Sampling Station		pH	D.O mg/L	B.O.D mg/L	T.C MPN/100 mL	F,C MPN/100 mL
1.	Ganga at Chausa (Mahdaba Ghat) Buxar	Minimum	7.80	7.8	2.3	2400	800
		Maximum	9.27	9.8	2.8	4600	1500
		Average	8.45	8.56	2.4	3066	1140
2.	Ganga at Ramrekha ghat Buxar	Minimum	7.6	7.6	2.6	9000	500
		Maximum	9.28	9.0	2.8	16000	5400
		Average	8.40	8.18	2.7	10016	3216
3.	Ganga at D/S Buxar near Ganga Bridge.	Minimum	7.6	7.8	2.4	2400	430
		Maximum	9.25	9.6	2.7	9200	2400
		Average	8.46	8.4	2.5	5016	1805
4.	Ganga at Danapur near Pipapul	Minimum	7.78	7.2	2.0	1700	500
		Maximum	9.21	9.4	2.6	3500	1700
		Average	8.34	8.2	2.2	2545	1070
5.	Ganga at U/S Patna, Kurji	Minimum	7.68	7.4	2.0	2200	700
		Maximum	9.15	9.3	2.5	5400	2400
		Average	8.27	8.1	2.3	3490	1609
6.	Ganga at Darbhanga ghat, Patna.	Minimum	7.56	7.1	2.4	16000	5000
		Maximum	9.08	8.8	2.9	24000	9200
		Average	8.09	7.8	2.7	21090	7254
7.	Ganga at D/S Patna, Gaighat	Minimum	7.64	7.0	2.5	9000	1400
		Maximum	9.16	9.0	2.8	24000	9000
		Average	8.19	7.9	2.6	12563	4200
8.	Ganga at Malsalami, Patna City.	Minimum	7.55	7.2	2.2	2200	800
		Maximum	9.17	9.3	2.6	16000	3500
		Average	8.16	8.05	2.3	5000	1810
9.	Ganga at the Confluence of Sone River at Doriganj, Chapra.	Minimum	7.80	7.6	2.0	2800	700
		Maximum	8.31	8.4	2.7	9200	3500
		Average	8.09	8.04	2.4	4200	1580
10.	Ganga at Kewalaghat, Fatuha.	Minimum	7.71	7.0	2.0	2200	800
		Maximum	9.11	9.2	2.5	9000	3000
		Average	8.18	8.1	2.2	4982	1836
11.	Ganga at U/S Mokama near B.M.P. Camp.	Minimum	7.8	7.5	2.0	1700	790
		Maximum	8.2	8.6	2.5	5000	2400
		Average	8.0	7.9	2.2	2400	1141
12.	Ganga at D/S Mokama near Rajendra Bridge.	Minimum	7.7	7.2	2.2	2800	920
		Maximum	8.1	8.4	2.8	16000	5000
		Average	7.8	7.8	2.5	9430	2742
13.	Ganga at Barh	Minimum	7.8	7.5	2.0	1400	900
		Maximum	8.0	8.0	2.4	3000	1700
		Average	7.9	7.7	2.1	2666	1173
14.	Ganga at D/S Munger near Kastharani Ghat.	Minimum	7.7	7.4	2.1	2400	1100
		Maximum	8.0	8.5	2.5	9000	3000
		Average	7.9	7.8	2.3	4612	1712
15.	Ganga at U/S Munger near Steamer Ghat	Minimum	7.8	7.6	2.0	1700	790
		Maximum	8.0	8.5	2.5	3000	1300
		Average	7.9	7.9	2.0	2342	940

16.	Ganga at D/S Bhagalpur, near Ganga Bridge.	Minimum	7.6	7.5	2.1	3000	1400
		Maximum	8.1	8.4	2.7	24000	9200
		Average	7.8	7.8	2.5	9488	3333
17.	Ganga at U/S Bhagalpur near Barari Ghat.	Minimum	7.8	7.6	2.0	1700	800
		Maximum	8.1	8.5	2.6	5400	2200
		Average	7.9	7.9	2.3	2850	1320
18.	Ganga at D/S Sultanganj	Minimum	7.6	7.5	2.0	2200	940
		Maximum	7.9	8.2	2.7	5400	2400
		Average	7.8	7.8	2.4	4162	1655
19.	Ganga at U/S Sultanganj.	Minimum	7.8	7.5	2.0	2400	790
		Maximum	8.0	8.5	2.6	3500	1700
		Average	7.9	7.9	2.2	2971	1197
20.	Ganga at Barahiaya.	Minimum	7.7	6.9	2.0	1700	700
		Maximum	8.1	8.6	2.6	3500	1400
		Average	7.9	7.7	2.2	2712	1073
21.	Ganga at Kahalgaon near Jahaj Ghat.	Minimum	7.8	7.6	2.4	5000	1300
		Maximum	8.2	8.6	2.8	16000	5000
		Average	7.9	7.9	2.6	8511	2522
22.	Ghaghara at Ribilganj, Chapra.	Minimum	7.91	7.8	1.5	1700	790
		Maximum	8.51	8.8	2.5	2800	1400
		Average	8.22	8.2	2.1	2380	1098
23.	Sone River at Banzari, near Sun Temple	Minimum	7.8	7.1	1.1	700	300
		Maximum	8.24	8.3	2.1	2200	1100
		Average	8.05	6.1	1.8	1150	558
24.	Sone River at Indrapuri Dam, Dehri-on-Sone.	Minimum	8.22	7.0	1.2	900	490
		Maximum	8.34	8.6	2.4	2800	790
		Average	8.28	7.7	2.0	1475	620
25.	Sone River at Nasiriganj Dam	Minimum	7.9	7.0	1.1	940	460
		Maximum	8.68	8.6	2.2	2400	500
		Average	8.27	7.9	1.8	1160	483
26.	Sone River at Bahiyara.	Minimum	7.53	7.4	1.2	700	300
		Maximum	8.97	9.0	2.1	1700	750
		Average	8.24	8.1	1.6	1114	492
27.	Sone River at Koelwar (Balughat) near Temple.	Minimum	7.52	7.2	1.3	800	300
		Maximum	8.95	8.9	2.2	2200	800
		Average	8.30	8.1	1.8	1371	497
28.	Gandak River at Sonapur near Harihar Nath Temple.	Minimum	7.55	8.0	1.2	1100	490
		Maximum	8.90	10.2	2.4	2200	790
		Average	8.17	8.5	1.8	1550	545
29.	Gandak River at Rewaghat, Muzaffarpur.	Minimum	7.39	7.8	1.3	700	300
		Maximum	8.83	9.5	2.0	1700	700
		Average	8.23	8.51	1.6	1238	493
30.	Gandak River at Dumaria Ghat, Gopalganj-Piprakothe Road Bridge.	Minimum	8.01	8.0	1.3	800	490
		Maximum	8.87	10.0	2.2	1700	940
		Average	8.35	8.8	1.7	1471	624
31.	Burhi Gandak at Akharaghat Road Bridge, Muzaffarpur.	Minimum	7.63	7.2	2.0	3000	1100
		Maximum	8.86	8.0	2.6	5000	1300
		Average	8.28	7.6	2.3	3750	1200
32.	U/S Burhi Gandak at NH. Road Bridge Muzaffarpur near	Minimum	7.63	7.2	1.8	1300	490
		Maximum	8.84	8.0	2.1	2200	700
		Average	8.20	7.7	1.9	1725	647

33.	Burhi Gandak at Samastipur NH. Road Bridge near Magardahi Ghat.	Minimum	7.79	7.2	1.5	1300	500
		Maximum	9.1	8.6	2.4	2400	1300
		Average	8.20	7.9	2.0	2033	880
34.	Punpun River at Patna-Fatuha Road Bridge.	Minimum	7.34	5.0	2.1	2200	700
		Maximum	8.68	8.8	2.8	16000	3000
		Average	7.83	7.2	2.4	4590	1300
35.	Punpun River at Punpun near Road Bridge.	Minimum	7.76	7.6	2.0	1700	700
		Maximum	8.27	8.1	2.3	2800	790
		Average	7.99	7.8	2.1	2300	760
36.	Punpun River at Kinzer near Road Bridge.	Minimum	7.82	7.7	2.0	1300	500
		Maximum	8.39	8.2	2.1	2200	700
		Average	8.01	7.8	2.05	1650	600
37.	Koshi River at Kurshela Bridge, Katihar	Minimum	6.5	6.5	1.4	1300	490
		Maximum	7.8	8.0	2.4	2800	940
		Average	7.4	7.1	1.8	1880	643
38.	Koshi River at Gumtipul, Madhepura.	Minimum	7.4	6.6	1.5	1700	700
		Maximum	7.8	7.1	2.2	2400	800
		Average	7.6	6.8	1.8	2050	750
39.	Koshi River at Beerpur.	Minimum	6.6	6.7	1.4	1400	500
		Maximum	7.8	7.4	2.5	2200	800
		Average	7.4	7.0	1.8	1800	698
40.	Kamla River at Benipati, Madhubani.	Minimum	8.17	7.8	1.1	700	300
		Maximum	8.63	8.2	2.0	800	300
		Average	8.4	8.0	1.5	750	300
41.	Kamla River at Gausaghat, Darbhanga	Minimum	7.65	7.2	1.2	1400	700
		Maximum	7.75	7.8	2.6	2800	1100
		Average	7.66	7.5	1.9	2060	820
42.	Kamla River at Kamala ghat, Jainagar.	Minimum	8.25	8.4	1.0	700	300
		Maximum	8.61	8.8	2.0	800	300
		Average	8.43	8.6	1.5	750	300
43.	Bagmati River at Muzaffarpur-Sitamarhi Road Bridge at Janar Bedor.	Minimum	7.85	7.1	1.1	900	330
		Maximum	8.71	9.4	2.2	5000	1400
		Average	8.15	8.2	1.47	2333	743
44.	Bagmati River at Darbhanga Samastipur- Road Bridge Hanuman Nagar.	Minimum	7.56	7.4	1.0	1100	490
		Maximum	8.99	8.8	2.4	1700	800
		Average	8.15	8.3	1.8	1340	556
45.	Sikrahna River at Chanpatia Road Bridge.	Minimum	7.06	1.8	2.5	5000	1100
		Maximum	7.70	8.5	15.0	24000	9000
		Average	7.40	4.4	6.9	11366	3866
46.	Sikrahna River at Lalparasa, Sugauli-Raxual Road Bridge	Minimum	7.36	2.7	2.3	2800	1100
		Maximum	7.86	9.5	6.6	9500	3500
		Average	7.56	6.4	3.4	5675	2025
47.	Sikrahna River at Lawria-Harinagar Road Bridge.	Minimum	6.76	0.0	2.0	1700	800
		Maximum	8.48	7.2	30.0	16000	5000
		Average	7.38	5.1	9.8	6600	2088
48.	Daha River at Rajendra Road Bridge, Siwan.	Minimum	7.72	7.4	2.0	2200	900
		Maximum	8.33	7.8	2.7	3500	1700
		Average	7.90	7.5	2.4	2820	1300
49.	Daha River at Itwa Bridge, Meerganj-Gopalganj Road Bridge.	Minimum	7.76	6.9	1.8	2200	1100
		Maximum	7.89	8.4	2.6	3500	1300
		Average	7.82	7.5	2.2	2700	1140

50.	Daha River at Badarjimi Bazar, Meerganj.	Minimum	7.72	7.0	1.6	1700	700
		Maximum	8.67	7.4	2.5	2800	1100
		Average	7.97	7.3	2.0	2260	818
51.	D/S Daha River at Sasamusa after Sugar Mill, near Road Bridge.	Minimum	7.02	4.2	2.0	2200	900
		Maximum	7.71	7.0	7.0	5400	1700
		Average	7.31	5.9	3.5	3883	1400
52.	U/S Harbora River before Sugar Mill at Narkatiaganj near Road Bridge.	Minimum	7.31	7.0	1.5	700	460
		Maximum	7.98	9.7	2.3	1700	700
		Average	7.55	8.3	1.9	1180	532
53.	D/S Harbora River after Sugar Mill at Narkatiaganj near Rly. Bridge.	Minimum	6.71	2.0	2.8	3000	1100
		Maximum	7.58	7.0	7.0	9500	3500
		Average	7.22	4.2	5.3	5980	2260
54.	U/S Ramrekha River at Harinagar.	Minimum	6.89	0.5	2.4	1300	500
		Maximum	7.75	5.7	12.0	9000	2400
		Average	7.33	3.8	5.8	3800	1438
55.	D/S Ramrekha River at Harinagar.	Minimum	6.51	0.0	2.9	9200	3000
		Maximum	7.46	6.7	10.0	24000	9000
		Average	6.85	2.8	7.6	16240	5180
56.	U/S Manusmar River at Bakhari Riga.	Minimum	7.21	6.0	1.8	800	490
		Maximum	8.53	8.8	2.1	3500	790
		Average	7.74	7.4	2.0	1725	570
57.	D/S Manusmar River at Uphraulia, Riga.	Minimum	6.96	3.4	2.6	1700	700
		Maximum	7.73	6.5	4.0	9500	3500
		Average	7.41	5.4	3.8	6120	2120
58.	Sirsia River at Raxaul-Beerganj Check Post Road Bridge.	Minimum	6.88	0.0	3.0	16000	5000
		Maximum	7.66	4.8	14.0	24000	5000
		Average	7.33	4.1	10.0	18666	5000
59.	D/S Sirsia River at Koeriatola near Temple, Raxaul.	Minimum	6.98	0.0	2.8	9000	2400
		Maximum	7.56	5.0	16.0	16000	3000
		Average	7.32	2.8	7.6	11400	2800
60.	Mahananda River at Thakurganj-Kishanganj Road Bridge.	Minimum	6.8	6.7	1.6	1100	490
		Maximum	7.9	8.0	2.4	2800	790
		Average	7.5	7.1	1.9	1671	581
61.	Dhos River at Madhuvapur (Saharghat) Madhubani.	Minimum	7.96	7.4	2.8	3000	800
		Maximum	8.61	7.8	2.9	3000	1100
		Average	8.28	7.6	2.85	3000	950
62.	Parmar River at Jogbani Road Bridge.	Minimum	6.6	6.4	2.0	2200	800
		Maximum	7.7	7.8	2.7	5400	2400
		Average	7.4	7.1	2.3	3214	1242
63.	Motijheel Lake at Motihari near Gayatri Mandir.	Minimum	7.06	5.0	2.6	1400	500
		Maximum	9.28	8.9	3.4	5400	1700
		Average	8.07	7.1	2.8	3400	1200
64.	Dighi Talab at Gaya near Kachhari.	Minimum	7.44	6.8	2.5	3000	1100
		Maximum	8.30	7.2	2.7	5400	2400
		Average	7.84	7.0	2.6	4225	1825
65.	Suraj kund Talab at Gaya near Vishnupad Temple.	Minimum	7.52	6.4	2.4	3500	1300
		Maximum	8.0	7.1	2.8	9200	3000
		Average	7.78	6.9	2.6	5775	2100

**Bihar State Pollution Control Board, Beltron Bhawan,
Shastri Nagar, Patna-800023**

Water Quality Status of River Ganga and its Tributaries during the Year (2015-2016)

Sl. No	Sampling Station		pH	D.O mg/L	B.O.D mg/L	T.C MPN/100 mL	F,C MPN/100 mL
1.	Ganga at Chausa (Mahdaba Ghat) Buxar	Minimum	7.76	7.9	2.2	3000	1100
		Maximum	8.54	10.2	2.5	9000	1700
		Average	8.24	8.7	2.38	4000	1625
2.	Ganga at Ramrekha ghat Buxar	Minimum	8.0	7.7	2.7	9000	3000
		Maximum	8.61	9.8	2.9	24000	9000
		Average	8.24	8.5	2.8	14375	4750
3.	Ganga at D/S Buxar near Ganga Bridge.	Minimum	7.99	7.8	2.5	5000	1300
		Maximum	8.54	9.8	2.7	16000	5000
		Average	8.20	8.47	2.6	8375	2375
4.	Ganga at Danapur near Pipapul	Minimum	7.52	7.6	2.0	1700	700
		Maximum	9.15	8.8	2.5	5000	1700
		Average	8.49	8.24	2.24	2527	1072
5.	Ganga at U/S Patna, Kurji	Minimum	7.86	7.4	2.0	2200	800
		Maximum	9.06	8.6	2.6	9000	3000
		Average	8.51	8.25	2.35	3500	1509
6.	Ganga at Darbhanga ghat, Patna.	Minimum	7.61	7.4	2.7	9000	2800
		Maximum	8.78	8.4	3.0	24000	16000
		Average	8.28	7.8	2.8	22636	9709
7.	Ganga at D/S Patna, Gaighat	Minimum	7.89	6.9	2.6	5000	1700
		Maximum	8.86	8.6	2.8	24000	9000
		Average	8.46	7.9	2.7	15545	4400
8.	Ganga at Malsalami, Patna City.	Minimum	7.80	7.4	2.0	2400	800
		Maximum	9.16	8.5	2.7	9000	3000
		Average	8.36	7.9	2.4	4181	1618
9.	Ganga at the Confluence of Sone River at Doriganj, Chapra.	Minimum	7.93	7.9	2.2	1100	500
		Maximum	8.49	8.7	2.8	9000	3000
		Average	8.30	8.32	2.5	3828	1357
10.	Ganga at Kewalaghat, Fatuha.	Minimum	7.66	7.0	2.1	2400	800
		Maximum	8.87	8.6	2.6	16000	5000
		Average	8.49	7.9	2.4	4618	1754
11.	Ganga at U/S Mokama near B.M.P. Camp.	Minimum	7.7	7.0	2.0	1700	800
		Maximum	8.6	9.8	2.5	5000	1700
		Average	8.0	7.9	2.25	2754	1136
12.	Ganga at D/S Mokama near Rajendra Bridge.	Minimum	7.6	7.5	2.5	1700	800
		Maximum	8.0	9.6	2.8	24000	9000
		Average	7.8	7.9	2.7	9154	3190
13.	Ganga at Barh	Minimum	7.9	7.8	2.0	1300	700
		Maximum	8.1	9.8	2.6	9000	1700
		Average	8.03	8.07	2.3	3380	1160
14.	Ganga at D/S Munger near Kastharani Ghat.	Minimum	7.6	7.5	2.2	1700	500
		Maximum	8.0	9.7	2.7	16000	5000
		Average	7.84	8.07	2.5	4590	1582
15.	Ganga at U/S Munger near Steamer Ghat	Minimum	7.8	7.6	2.0	1300	500
		Maximum	8.0	9.8	2.4	5000	1700
		Average	7.9	8.17	2.15	2990	1010

16.	Ganga at D/S Bhagalpur, near Ganga Bridge.	Minimum	7.5	7.5	2.4	2400	800
		Maximum	8.1	9.4	2.7	16000	5000
		Average	7.85	8.05	2.57	8127	2518
17.	Ganga at U/S Bhagalpur near Barari Ghat.	Minimum	7.8	7.6	2.0	1700	800
		Maximum	8.1	9.6	2.5	9000	2400
		Average	7.9	8.17	2.3	3518	1390
18.	Ganga at D/S Sultanganj	Minimum	7.6	7.5	2.4	2200	900
		Maximum	8.0	9.4	2.6	9000	3000
		Average	7.8	8.08	2.5	4318	1481
19.	Ganga at U/S Sultanganj.	Minimum	7.7	7.6	2.0	110	500
		Maximum	8.1	9.6	2.6	5000	1400
		Average	7.9	8.14	2.2	2309	863
20.	Ganga at Barahiaya.	Minimum	7.8	7.7	1.8	1700	700
		Maximum	8.0	8.2	2.5	3000	1700
		Average	7.9	8.0	2.15	2600	1066
21.	Ganga at Kahalgaon near Jahaj Ghat.	Minimum	7.9	7.6	2.0	3000	1300
		Maximum	8.1	9.6	2.8	16000	5000
		Average	8.01	8.2	2.5	6900	2260
22.	Ghaghara at Ribilganj, Chapra.	Minimum	7.88	7.7	2.0	1300	500
		Maximum	8.79	8.7	2.5	5000	1400
		Average	8.30	8.1	2.2	2585	943
23.	Sone River at Banzari, near Sun Temple	Minimum	7.68	7.8	1.2	800	300
		Maximum	8.90	9.0	2.2	3000	1700
		Average	8.13	8.3	1.8	1525	700
24.	Sone River at Indrapuri Dam, Dehri-on-Sone.	Minimum	7.66	7.0	1.3	1300	500
		Maximum	8.67	8.8	2.2	2400	1100
		Average	8.16	8.1	1.9	1766	744
25.	Sone River at Nasiriganj Dam	Minimum	7.61	7.0	1.1	1100	500
		Maximum	8.60	8.8	2.3	3000	1300
		Average	8.09	8.1	1.9	1677	677
26.	Sone River at Bahiyara.	Minimum	7.54	7.6	1.3	800	300
		Maximum	8.89	9.0	2.0	1700	700
		Average	8.41	8.2	1.7	1137	450
27.	Sone River at Koelwar (Balughat) near Temple.	Minimum	7.58	7.4	1.3	800	500
		Maximum	8.90	8.8	2.0	2200	800
		Average	8.44	8.1	1.8	1312	587
28.	Gandak River at Sonapur near Harihar Nath Temple.	Minimum	7.88	7.8	1.8	1100	500
		Maximum	8.60	9.2	2.4	3000	1300
		Average	8.24	8.38	2.0	1912	775
29.	Gandak River at Rewaghat, Muzaffarpur.	Minimum	7.68	7.9	1.8	900	500
		Maximum	8.66	8.8	2.6	3000	1300
		Average	8.25	8.3	2.06	1925	750
30.	Gandak River at Dumaria Ghat, Gopalganj-Piprakothe Road Bridge.	Minimum	7.84	7.8	1.8	1100	500
		Maximum	8.34	8.8	2.3	3000	1300
		Average	8.14	8.41	2.07	1812	800
31.	Burhi Gandak at Akharaghat Road Bridge, Muzaffarpur.	Minimum	8.04	7.2	1.8	3000	1100
		Maximum	8.92	8.6	2.5	16000	5000
		Average	8.41	7.92	2.36	6800	2040
32.	U/S Burhi Gandak at NH. Road Bridge near Zero mile Muzaffarpur.	Minimum	8.08	7.2	2.0	1700	700
		Maximum	8.80	8.8	2.5	9000	2400
		Average	8.37	8.16	2.16	3460	1120

33.	Burhi Gandak at Samastipur NH. Road Bridge near Magardahi Ghat.	Minimum	8.01	7.4	2.2	1700	700
		Maximum	9.07	9.2	2.6	3000	1700
		Average	8.47	8.4	2.4	2460	1020
34.	Punpun River at Patna-Fatuha Road Bridge.	Minimum	7.23	6.8	2.3	2200	800
		Maximum	8.78	8.0	2.9	5000	1400
		Average	7.89	7.36	2.52	2972	1127
35.	Punpun River at Punpun near Road Bridge.	Minimum	7.0	7.2	2.0	1700	700
		Maximum	8.68	8.2	2.5	9000	2200
		Average	8.14	7.6	2.15	3088	1000
36.	Punpun River at Kinzer near Road Bridge.	Minimum	7.12	6.9	1.4	1300	500
		Maximum	8.67	8.1	2.2	3000	1700
		Average	8.19	7.6	1.9	1971	971
37.	Koshi River at Kurshela Bridge, Katihar	Minimum	7.5	6.6	2.0	1300	500
		Maximum	7.6	9.1	2.6	5000	2200
		Average	7.58	7.45	2.25	2700	1100
38.	Koshi River at Gumtipul, Madhepura.	Minimum	7.4	6.5	2.3	2400	800
		Maximum	7.6	9.0	2.8	3500	1400
		Average	7.5	7.6	2.6	2850	1016
39.	Koshi River at Beerpur.	Minimum	7.4	6.4	2.0	1400	500
		Maximum	7.8	8.9	2.5	5000	1700
		Average	7.53	7.4	2.27	3222	1077
40.	Kamla River at Benipati, Madhubani.	Minimum	7.88	7.4	1.4	700	300
		Maximum	8.86	8.6	2.0	9000	3000
		Average	8.33	8.08	1.78	2760	1000
41.	Kamla River at Gausaghat, Darbhanga	Minimum	7.65	6.8	1.7	1300	500
		Maximum	8.86	8.6	2.3	3000	1300
		Average	8.03	7.6	2.04	1840	760
42.	Kamla River at Kamala ghat, Jainagar.	Minimum	7.91	7.6	1.5	800	300
		Maximum	9.18	8.8	2.8	16000	5000
		Average	8.61	8.3	2.0	4140	1460
43.	Bagmati River at Muzaffarpur-Sitamarhi Road Bridge at Janar Bedor.	Minimum	7.27	7.0	1.5	1100	500
		Maximum	8.57	8.8	2.3	2800	900
		Average	8.17	8.18	1.9	1612	687
44.	Bagmati River at Darbhanga Samastipur- Road Bridge Hanuman Nagar.	Minimum	8.13	7.4	1.8	1300	500
		Maximum	8.69	9.0	2.0	9000	2400
		Average	8.35	8.16	1.92	3120	960
45.	Sikrahna River at Chanpatia Road Bridge.	Minimum	7.56	2.7	2.4	3000	1100
		Maximum	8.26	8.6	2.8	5000	1700
		Average	7.99	6.95	2.56	3300	1325
46.	Sikrahna River at Lalparasa, Sugauli-Raxual Road Bridge	Minimum	7.68	6.2	2.1	2200	800
		Maximum	8.44	8.5	2.7	28000	1400
		Average	8.04	8.0	2.38	5962	1100
47.	Sikrahna River at Lawria-Harinagar Road Bridge.	Minimum	6.89	6.0	2.0	2200	800
		Maximum	8.33	8.6	2.7	5000	2400
		Average	7.76	7.51	2.35	3587	1500
48.	Daha River at Rajendra Road Bridge, Siwan.	Minimum	7.36	6.6	2.4	2800	1100
		Maximum	8.44	8.2	2.8	9000	3000
		Average	7.98	7.3	2.54	4400	1571
49.	Daha River at Itwa Bridge, Meerganj-Gopalganj Road Bridge.	Minimum	7.73	6.9	2.0	2200	800
		Maximum	8.65	8.6	2.7	5000	1700
		Average	8.11	7.8	2.4	2925	1225

50.	Daha River at Badarjimi Bazar, Meerganj.	Minimum	7.64	6.9	2.1	1700	700
		Maximum	8.45	8.2	2.7	5000	1300
		Average	7.98	7.5	2.4	2685	957
51.	D/S Daha River at Sasamusa after Sugar Mill, near Road Bridge.	Minimum	6.98	6.0	2.5	2800	1100
		Maximum	8.53	8.1	2.8	9000	3000
		Average	7.91	7.34	2.6	4400	1614
52.	U/S Harbora River before Sugar Mill at Narkatiaganj near Road Bridge.	Minimum	7.29	4.5	1.8	800	300
		Maximum	8.51	8.5	3.2	2800	800
		Average	8.08	7.7	2.25	1350	525
53.	D/S Harbora River after Sugar Mill at Narkatiaganj near Rly. Bridge.	Minimum	7.04	2.0	2.6	2400	800
		Maximum	8.43	7.6	6.0	9000	3000
		Average	7.76	6.35	3.13	4350	1587.5
54.	U/S Ramrekha River at Harinagar.	Minimum	7.09	5.9	2.0	2200	700
		Maximum	8.18	8.4	3.6	3000	1100
		Average	7.53	7.35	2.35	2475	850
55.	D/S Ramrekha River at Harinagar.	Minimum	6.88	2.0	2.5	5000	1700
		Maximum	8.43	7.5	6.4	16000	5000
		Average	7.57	6.28	3.1	9250	3025
56.	U/S Manusmar River at Bakhari Riga.	Minimum	7.48	7.2	1.8	1100	300
		Maximum	8.72	8.6	2.1	1700	800
		Average	8.11	7.72	2.0	1375	562
57.	D/S Manusmar River at Uphraulia, Riga.	Minimum	6.8	5.5	1.8	2400	1300
		Maximum	8.66	7.9	3.2	9000	2800
		Average	7.82	6.8	2.6	5925	1887
58.	Sirsia River at Raxaul-Beerganj Check Post Road Bridge.	Minimum	7.16	0.0	1.8	9000	500
		Maximum	8.24	8.2	18	24000	3000
		Average	7.84	4.51	6.98	16285	1757
59.	D/S Sirsia River at Koeriatola near Temple, Raxaul.	Minimum	7.19	0.0	2.0	16000	5000
		Maximum	8.86	7.6	20	24000	9000
		Average	8.03	4.27	7.8	19428	7285
60.	Mahananda River at Thakurganj-Kishanganj Road Bridge.	Minimum	7.4	6.6	2.0	1400	700
		Maximum	7.8	8.5	2.5	9000	3000
		Average	7.53	7.3	2.2	3510	1270
61.	Dhos River at Madhuvapur (Saharghat) Madhubani.	Minimum	7.66	7.0	2.0	2800	1100
		Maximum	8.63	8.4	2.8	24000	9000
		Average	8.14	7.7	2.4	7960	2860
62.	Parmar River at Jogbani Road Bridge.	Minimum	7.3	6.4	2.0	2800	900
		Maximum	7.6	7.8	2.6	9000	3000
		Average	7.47	7.2	2.5	4380	1610
63.	Motijheel Lake at Motihari near Gayatri Mandir.	Minimum	7.30	5.0	2.5	2200	1100
		Maximum	10.65	8.6	2.9	5000	2400
		Average	8.45	7.8	2.7	3400	1475
64.	Dighi Talab at Gaya near Kachhari.	Minimum	7.23	6.2	2.6	2400	800
		Maximum	8.68	8.2	3.0	24000	9000
		Average	7.83	7.4	2.8	7711	2555
65.	Suraj kund Talab at Gaya near Vishnupad Temple.	Minimum	7.50	6.4	2.6	1700	800
		Maximum	8.67	8.4	3.4	16000	5000
		Average	7.81	7.5	2.9	8777	2611



BIHAR STATE POLLUTION CONTROL BOARD
Privesh Bhawan, NSB-2, Patliputra Industrial Area
Patliputra, Patna – 800 010

Water Quality Status of River Ganga and its Tributaries during the Year (2016-2017)

Sl. No	Sampling Station		pH	D.O mg/L	B.O.D mg/L	T.C MPN/100 mL	F,C MPN/100 mL
1.	Ganga at Chausa (Mahdaba Ghat) Buxar	Minimum	7.46	6.0	1.3	2600	900
		Maximum	8.33	9.2	2.9	5000	2600
		Average	7.88	7.29	2.31	3550	1520
2.	Ganga at Ramrekha ghat Buxar	Minimum	7.36	5.5	0.8	3000	1100
		Maximum	8.30	9.1	2.7	5000	2600
		Average	7.71	7.9	2.4	3850	1770
3.	Ganga at D/S Buxar near Ganga Bridge.	Minimum	7.49	5.2	0.5	3000	400
		Maximum	8.27	9.0	2.9	5000	2600
		Average	7.78	8.05	2.35	3430	1420
4.	Ganga at Danapur near Pipapul	Minimum	7.14	2.6	1.7	2200	700
		Maximum	8.38	9.2	4.5	8000	2200
		Average	7.78	7.38	2.7	3808	1600
5.	Ganga at U/S Patna, Kurji	Minimum	7.24	3.5	1.8	3000	1300
		Maximum	8.46	9.0	4.5	4800	2600
		Average	7.8	7.52	2.7	3630	1723
6.	Ganga at Darbhanga ghat, Patna.	Minimum	7.14	3.4	2.2	3000	900
		Maximum	8.84	9.2	7.2	4800	2300
		Average	7.75	7.4	3.0	3715	1761
7.	Ganga at D/S Patna, Gaighat	Minimum	7.22	3.5	2.3	2200	800
		Maximum	8.60	8.7	2.8	5000	2300
		Average	7.73	7.4	2.7	3723	1800
8.	Ganga at Malsalami, Patna City.	Minimum	7.29	3.5	2.2	3100	1200
		Maximum	8.48	9.0	7.2	5000	3100
		Average	7.74	7.5	2.9	4021	1764
9.	Ganga at Kewalaghat, Fatuha.	Minimum	7.23	3.5	2.0	2800	900
		Maximum	8.35	9.2	4.5	5000	2600
		Average	7.76	7.32	2.7	3842	1700
10.	Ganga at the Confluence of Sone River at Doriganj, Chapra.	Minimum	7.65	7.0	1.7	2100	1100
		Maximum	8.4	9.6	2.8	4800	1800
		Average	7.89	8.2	2.4	3183	1475
11.	Ganga at U/S Mokama.	Minimum	7.9	7.6	1.0	2200	800
		Maximum	8.1	9.2	2.8	5000	2200
		Average	8.0	8.0	2.3	3100	1333
12.	Ganga at D/S Mokama near Rajendra Bridge (Simaria Ghat)	Minimum	7.46	6.2	2.1	2400	900
		Maximum	8.0	8.9	4.1	5000	2200
		Average	7.84	7.76	2.6	3633	1508
13.	Ganga at Barh	Minimum	7.8	7.6	1.1	2600	1100
		Maximum	8.1	9.3	2.9	5000	2700
		Average	7.9	8.05	2.4	3891	1816
14.	Ganga at D/S Munger near Kastharani Ghat.	Minimum	7.6	6.4	2.1	3000	1100
		Maximum	7.9	9.0	7.4	8000	2600
		Average	7.7	7.7	3.2	4535	1721
15.	Ganga at U/S Munger near Steamer Ghat	Minimum	7.8	7.1	2.0	3000	700
		Maximum	8.1	9.2	7.2	5000	2300
		Average	7.9	7.9	3.2	3777	1677

16.	Ganga at D/S Bhagalpur, near Ganga Bridge.	Minimum	7.6	6.8	1.9	3800	800
		Maximum	7.9	9.1	7.4	5000	2600
		Average	7.8	7.7	2.9	4371	1900
17.	Ganga at U/S Bhagalpur near Barari Ghat.	Minimum	7.8	7.1	1.8	2800	900
		Maximum	8.0	9.2	7.2	8000	2300
		Average	7.9	7.9	3.0	4228	1864
18.	Ganga at D/S Sultanganj	Minimum	7.6	6.5	2.1	3000	1100
		Maximum	8.0	9.1	2.8	9000	3000
		Average	7.75	7.70	2.5	5125	2166
19.	Ganga at U/S Sultanganj.	Minimum	7.7	7.1	1.6	2200	900
		Maximum	8.1	9.2	2.9	5500	3000
		Average	7.9	8.0	2.5	4291	1716
20.	Ganga at Barahiaya.	Minimum	7.49	6.5	1.7	3000	1300
		Maximum	8.1	9.2	4.2	5000	2200
		Average	7.9	7.9	2.6	3966	1866
21.	Ganga at Kahalgaon near Jahaj Ghat.	Minimum	7.8	7.2	1.8	3000	900
		Maximum	8.1	9.3	2.8	4700	2700
		Average	7.95	8.05	2.7	3658	1691
22.	Ghaghara at Ribilganj, Chapra.	Minimum	7.49	6.8	1.8	2700	900
		Maximum	8.48	9.8	2.9	5000	1800
		Average	7.88	8.3	2.6	3391	1450
23.	Sone River at Banzari, near Sun Temple	Minimum	7.23	7.2	1.1	2600	800
		Maximum	8.63	9.8	2.9	5000	2200
		Average	7.80	8.4	2.4	3654	1382
24.	Sone River at Indrapuri Dam, Dehri-on-Sone.	Minimum	7.13	7.2	1.5	1100	500
		Maximum	8.06	9.7	2.9	4000	2100
		Average	7.65	8.4	2.5	3081	1409
25.	Sone River at Nasiriganj Dam	Minimum	7.4	7.1	1.8	3000	1200
		Maximum	8.51	9.6	2.7	9000	3000
		Average	7.78	8.1	2.4	4140	1860
26.	Sone River at Bahiyara.	Minimum	7.50	5.2	0.8	3000	900
		Maximum	8.36	9.2	2.9	5000	3000
		Average	7.85	7.9	2.2	3900	1782
27.	Sone River at Koelwar near Mandir.	Minimum	7.08	2.4	0.4	2700	900
		Maximum	8.30	8.8	2.9	4300	2600
		Average	7.85	7.4	2.2	3463	1690
28.	Gandak River at Sonapur near Harihar Nath Temple.	Minimum	6.97	7.2	2.2	2600	1100
		Maximum	8.6	9.8	2.9	5000	1800
		Average	7.85	8.3	2.6	3916	1425
29.	Gandak River at Rewaghat, near Road Bridge, Muzaffarpur.	Minimum	7.02	7.0	1.8	2700	800
		Maximum	8.10	9.8	2.8	4700	1700
		Average	7.69	8.3	2.45	3425	1250
30.	Gandak River at Dumaria Ghat, Gopalganj-Piprakothe Road Bridge.	Minimum	7.44	7.0	1.8	1700	800
		Maximum	8.6	9.8	2.9	4300	2300
		Average	7.81	8.4	2.48	3325	1333
31.	Burhi Gandak at Akharaghat Road Bridge, Muzaffarpur.	Minimum	7.24	6.6	1.8	3000	1300
		Maximum	8.82	9.0	2.9	5000	3000
		Average	7.81	7.95	2.6	3900	1933
32.	U/S Burhi Gandak at NH. Road Bridge near Zero mile Muzaffarpur.	Minimum	7.21	7.5	1.4	3000	1100
		Maximum	8.41	8.8	2.9	5000	2300
		Average	7.76	8.2	2.47	4308	1633
33.	Burhi Gandak at Samastipur NH. Road Bridge near Magardahi Ghat.	Minimum	7.34	7.6	2.0	3000	1200
		Maximum	8.86	9.4	2.9	5000	2200
		Average	7.95	8.3	2.6	3833	1766

34.	Punpun River at Patna-Fatuha Road Bridge, Fatuha.	Minimum	7.21	6.2	1.5	3000	1100
		Maximum	8.31	9.0	2.9	5000	2700
		Average	7.65	7.5	2.58	3808	1800
35.	Punpun River at Punpun near Road Bridge.	Minimum	7.14	6.8	2.0	2200	1400
		Maximum	8.64	9.6	3.3	7000	3000
		Average	7.73	8.23	2.67	4675	2041
36.	Punpun River at Kinzer near Road Bridge.	Minimum	7.24	6.5	1.8	3300	1100
		Maximum	8.45	10.0	3.0	7000	2200
		Average	7.78	8.2	2.6	4416	1733
37.	Koshi River at Kurshela Bridge, Katihar	Minimum	6.6	6.3	1.8	3000	1100
		Maximum	8.03	9.6	2.9	5000	2600
		Average	7.42	7.4	2.4	3958	1750
38.	Koshi River at Gumtipul, Madhepura.	Minimum	7.2	6.2	1.2	2400	800
		Maximum	7.79	9.2	2.8	4900	2600
		Average	7.48	7.4	2.4	3233	1525
39.	Koshi River at Beerpur.	Minimum	7.4	6.6	1.4	2800	800
		Maximum	8.19	9.6	2.9	4800	2600
		Average	7.52	7.5	2.4	3663	1682
40.	Kamla River at Benipatti, Madhubani.	Minimum	7.60	7.4	2.2	3000	800
		Maximum	8.86	10.0	2.9	4000	2700
		Average	7.84	8.2	2.6	3460	1660
41.	Kamla River at Gausaghat, Darbhanga	Minimum	7.34	7.0	1.8	3200	1700
		Maximum	8.24	8.6	2.9	5000	2600
		Average	7.79	7.6	2.6	4408	1866
42.	Kamla River at Kamala ghat, Jainagar.	Minimum	7.69	7.5	2.2	2600	700
		Maximum	8.47	10.0	2.9	5000	2300
		Average	7.98	8.5	2.7	3790	1630
43.	Bagmati River at Muzaffarpur-Sitamarhi Road Bridge near Janar Bedor.	Minimum	6.87	7.2	2.0	2700	1100
		Maximum	8.05	9.3	2.9	5000	2600
		Average	7.88	8.35	2.5	4166	1666
44.	Bagmati River at Darbhanga-Samastipur Road Bridge, near Hanuman Nagar.	Minimum	7.44	7.4	1.8	2700	900
		Maximum	8.82	9.1	2.9	4300	2600
		Average	7.94	8.3	2.5	3333	1616
45.	Sikrahna River at Chanpatia Road Bridge, Chanpatia.	Minimum	7.25	3.5	2.0	3000	800
		Maximum	7.98	8.6	4.5	5000	2600
		Average	7.61	6.89	2.76	4058	1783
46.	Sikrahna River at Lalparisa, near Sugauli-Raxual Road, Bridge	Minimum	7.23	4.8	2.1	3200	1300
		Maximum	8.46	8.6	2.8	8000	3300
		Average	7.71	7.45	2.57	5125	2166
47.	Sikrahna River at Lawria-Harinagar Road Bridge.	Minimum	7.23	4.6	2.1	3000	800
		Maximum	7.77	8.5	3.0	5000	2700
		Average	7.57	7.56	2.7	4200	1841
48.	Daha River at Rajendra Road Bridge, Siwan.	Minimum	7.13	5.0	2.4	3300	1100
		Maximum	8.4	9.8	3.0	8400	3100
		Average	7.7	7.6	2.7	4666	2116
49.	Daha River at Itwa Bridge, Meerganj-Gopalganj Road Bridge.	Minimum	7.50	6.4	1.9	3000	400
		Maximum	8.4	9.7	2.9	4800	2600
		Average	7.72	7.9	2.5	3841	1733
50.	Daha River at Badarjimi Bazar, Meerganj.	Minimum	7.45	6.5	2.4	3000	1300
		Maximum	8.2	9.6	2.8	7000	3000
		Average	7.74	7.8	2.6	4391	2100
51.	D/S Daha River at Sasamusa after Sugar Mill, near Road Bridge.	Minimum	7.02	6.0	2.2	3000	1700
		Maximum	8.35	9.5	2.8	5000	3000
		Average	7.63	7.6	2.5	4166	2044

52.	U/S Harbora River before Sugar Mill near Road Bridge Narkatiaganj	Minimum	7.06	7.2	1.8	1700	700
		Maximum	7.90	9.8	2.9	5000	2300
		Average	7.60	8.0	2.56	3275	1558
53.	D/S Harbora River at Narkatiaganj, near Rly. Bridge.	Minimum	6.5	6.4	2.5	3000	900
		Maximum	7.93	9.2	2.8	5000	3000
		Average	7.49	7.5	2.7	4150	2050
54.	U/S Ramrekha River at Harinagar.	Minimum	7.09	6.9	1.8	3000	1100
		Maximum	7.94	8.0	2.8	4700	2600
		Average	7.43	7.5	2.5	3666	1833
55.	D/S Ramrekha River at Harinagar.	Minimum	6.9	6.4	2.0	3000	900
		Maximum	7.85	7.6	2.8	5000	2300
		Average	7.40	7.05	2.6	4216	1866
56.	U/S Manusmar River at Bakhari Riga.	Minimum	7.03	7.0	2.0	3100	1300
		Maximum	8.19	9.8	2.9	5000	2300
		Average	8.25	7.8	2.6	4233	1766
57.	D/S Manusmar River at Uphraulia, Riga.	Minimum	6.8	6.8	1.4	3800	1900
		Maximum	7.96	8.0	2.9	9000	5000
		Average	7.43	7.51	2.5	5425	2725
58.	Sirsia River near Raxaul-Beerganj Check Post Road Bridge, Raxaul.	Minimum	6.99	Nil	7.0	4100	2000
		Maximum	7.79	2.5	12.0	9000	5000
		Average	7.35	0.20	9.03	6425	3075
59.	D/S Sirsia River at Koeriatola near Temple, Raxaul.	Minimum	7.16	Nil	5.5	4000	1900
		Maximum	7.73	2.8	12.0	9000	7000
		Average	7.34	0.23	8.6	6041	3075
60.	Mahananda River at Thakurganj-Kishanganj Road Bridge.	Minimum	6.5	6.1	1.3	2400	900
		Maximum	7.98	9.5	2.8	5000	2300
		Average	7.47	7.4	2.3	3825	1500
61.	Dhos River at Madhuvapur (Saharghat) Madhubani.	Minimum	7.28	6.0	2.0	3000	1700
		Maximum	8.86	9.4	2.8	5000	3000
		Average	7.74	7.8	2.5	4000	2072
62.	Parmar River at Jogbani.	Minimum	6.6	4.2	1.2	3000	700
		Maximum	8.09	8.6	3.6	7000	2300
		Average	7.41	6.85	2.5	4258	1741
63.	Kawar Lake at Manghoul, Begusarai.	Minimum	7.2	6.6	2.6	4000	1300
		Maximum	7.7	7.9	2.9	4900	2200
		Average	7.37	7.2	2.7	4450	1950
64.	Motijheel Lake at Motihari near Gayatri Mandir..	Minimum	7.40	6.2	2.1	1700	800
		Maximum	8.69	8.2	2.9	4800	4000
		Average	7.76	6.6	2.45	3433	1875
65.	Dighi Talab at Gaya near Kachhari.	Minimum	7.5	6.9	2.4	3300	1100
		Maximum	8.6	9.5	2.9	7000	2300
		Average	7.9	7.5	2.6	4466	1783
66	Suraj kund Talab at Gaya near Vishnupad Temple.	Minimum	7.45	6.3	2.3	2700	800
		Maximum	8.11	8.2	3.1	5000	2300
		Average	7.71	7.6	2.6	3900	1675



BIHAR STATE POLLUTION CONTROL BOARD
Privesh Bhawan, NSB-2, Patliputra Industrial Area
Patliputra, Patna – 800 010

Water Quality Status of River Ganga and its Tributaries during the Year (2017-2018)
 Excluding Rainy Season (August to October)

Sl. No	Sampling Station		pH	D.O mg/L	B.O.D mg/L	T.C MPN/100 mL	F,C MPN/100 mL
1.	Ganga at Chausa D/S Karmnasa confluence canal Gate, Buxar	Minimum	7.81	7.6	1.5	5800	2600
		Maximum	8.62	10.1	2.4	32000	21000
		Average	8.19	8.74	1.87	14,244	8555
2.	Ganga at Ramrekha ghat Buxar	Minimum	7.82	7.4	2.0	5800	2600
		Maximum	8.34	9.6	2.4	32000	21000
		Average	8.03	8.38	2.18	13744	7700
3.	Ganga at D/S Buxar near Road Bridge Dist - Buxar.	Minimum	7.63	7.2	2.1	5800	2600
		Maximum	8.27	9.3	2.6	24000	14000
		Average	7.99	8.36	2.4	11077	5477
4.	Ganga River at Jail Ghat, Buxar	Minimum	7.67	7.9	2.0	6300	2600
		Maximum	8.31	10.0	2.7	40000	27000
		Average	7.94	8.7	2.4	16720	9860
5.	Ganga at Ara-Chhapra Road Bridge koelwar-Barhara Road, Dist.- Bhojpur.	Minimum	7.44	7.5	1.4	3100	1700
		Maximum	8.42	9.8	2.2	4600	2300
		Average	8.1	8.6	1.9	3577	1944
6.	Ganga River at water intnke point Mauzampur Block, Barhara, Dist.- Bhojpur, Area	Minimum	7.42	8.3	1.4	2100	1700
		Maximum	8.07	10.5	1.8	3900	1700
		Average	7.76	9.4	1.5	3175	1700
7.	Ganga at Danapur near Pipapul Dist.- Patna	Minimum	7.18	7.3	1.7	4100	1700
		Maximum	8.55	14.1	2.6	11000	4000
		Average	8.03	9.27	1.9	6544	2866
8.	Ganga at U/S Patna, Kurji Dist.- Patna	Minimum	7.46	7.2	1.9	4700	2200
		Maximum	8.43	13.2	2.6	22000	13000
		Average	7.99	8.7	2.1	10077	5000
9.	Ganga River at Gulabi Ghat, Patna.	Minimum	7.1	7.4	2.5	11000	4000
		Maximum	7.82	13.0	2.8	92000	26000
		Average	7.6	9.1	2.6	34000	13020
10.	Ganga at Gandhighat, NIT, Patna	Minimum	7.69	6.5	2.4	4600	2100
		Maximum	8.44	13.0	2.9	28000	17000
		Average	7.92	8.4	2.6	13100	6311
11.	Ganga at D/S Patna, Gaighat Dist.- Patna.	Minimum	7.01	7.0	1.9	3400	1700
		Maximum	8.74	11.7	2.8	32000	17000
		Average	7.86	8.3	2.5	15244	7222
12.	Ganga at Malsalami, Patna City Dist.-Patna.	Minimum	7.52	6.2	1.6	3100	2100
		Maximum	8.70	10.5	2.7	1,70,000	34000
		Average	8.04	8.4	2.3	26944	4677
13.	Ganga Before Confluence of punpun River at Triveni Ghat Fatuha, Patna Dist.- Patna.	Minimum	7.52	6.0	2.0	8400	4000
		Maximum	8.60	9.5	2.6	32000	21000
		Average	7.95	8.02	2.3	17533	9611
14.	Ganga at Kewala ghat, Fatuha Dist.- Patna.	Minimum	7.34	6.0	1.7	4000	1700
		Maximum	8.80	11.2	2.8	15000	11000
		Average	7.9	8.2	2.3	7833	4111
15.	Ganga at U/S Mokama, Mahadeo Asthan Dist.-Patna	Minimum	7.37	7.5	1.8	3300	1700
		Maximum	8.24	9.8	2.7	32000	21000
		Average	7.78	8.5	2.1	8277	4555
16.	Ganga at D/S Mokama near Rajendra Bridge, Simaria Ghat Patna.	Minimum	7.42	6.4	2.2	5800	2600
		Maximum	8.05	10.2	2.8	40000	27000
		Average	7.72	8.2	2.6	13122	6788
17.	Ganga at Barh Dist.-Patna. (Uma Nath Ghat)	Minimum	7.14	7.2	1.8	3400	1700
		Maximum	8.30	11.2	2.5	14000	6100
		Average	7.68	8.5	2.2	6022	2922

18.	Ganga U/S of NTPC water intake point, Barh Dist- Patna	Minimum	7.32	7.4	1.6	3100	2100
		Maximum	8.47	10.0	2.6	23000	13000
		Average	7.83	8.5	2.0	6711	3666
19.	Ganga D/S of NTPC water intake point, Barh Dist.-Patna	Minimum	7.43	7.5	1.8	3400	1700
		Maximum	8.13	11.0	2.6	26000	17000
		Average	7.75	8.5	2.1	7700	4233
20.	Ganga at Barahiya, Nepaly Tola, Maranchi Dist.- Lakhisarai.	Minimum	7.40	6.9	2.0	3600	1700
		Maximum	7.94	9.8	2.6	38000	26000
		Average	7.62	8.2	2.4	10075	5825
21.	Ganga at U/S Munger near Kasth harini ghat, Dist.- Munger.	Minimum	7.21	7.2	1.6	3400	1700
		Maximum	8.0	9.6	2.5	79000	27000
		Average	7.69	8.2	2.0	21533	9911
22.	Ganga at D/S Munger near Crematorium Ghat Dist.- Munger.	Minimum	7.6	5.8	1.7	4000	2100
		Maximum	8.02	9.9	2.6	92000	27000
		Average	7.81	8.0	2.0	31811	12544
23.	Ganga at U/S Sultanganj, Ajaibi Nath Dist.- Bhagalpur	Minimum	7.73	5.2	1.6	3100	1700
		Maximum	8.0	10.6	2.8	70000	21000
		Average	7.83	8.2	2.1	26333	9944
24.	Ganga at D/S Sultanganj at Cremation ghat Dist.-Bhagalpur.	Minimum	7.43	5.0	1.9	4000	1700
		Maximum	8.32	9.9	2.9	92000	27000
		Average	7.79	8.0	2.4	33000	13877
25.	Ganga River at Champa Nagar Bhagalpur, Dist.- Bhagalpur.	Minimum	7.56	5.9	1.5	6300	2600
		Maximum	8.13	11.1	2.8	170000	110000
		Average	7.87	8.3	2.0	55900	28385
26.	Ganga at U/S Bhagalpur near Bararighat Dist.- Bhagalpur	Minimum	7.15	6.0	2.2	3100	2100
		Maximum	8.0	9.1	2.8	79000	27000
		Average	7.54	7.4	2.5	25411	9600
27.	D/S Ganga at Bhagalpur opposite- Kuppa ghat Dist.- Bhagalpur.	Minimum	7.43	6.6	1.5	4000	2100
		Maximum	8.15	10.6	2.7	79000	27000
		Average	7.79	8.4	2.3	25888	10222
28.	Ganga at Kahalgaon near Jahajghat, Dist.- Bhagalpur	Minimum	7.57	6.6	1.8	3600	1700
		Maximum	8.05	9.5	2.6	1,10,000	22000
		Average	7.89	8.0	2.1	32,100	10111
29.	Ganga at Kahalgaon near Cremation Ghat.	Minimum	7.53	6.1	2.1	3800	2200
		Maximum	7.91	8.8	2.6	130000	79000
		Average	7.75	7.3	2.3	46257	20171
30.	Ganga at the Confluence of Sone River at Doriganj, Chapra Dist.- Saran	Minimum	7.01	7.7	1.5	3100	1700
		Maximum	8.07	10.6	2.6	15000	7000
		Average	7.73	8.6	1.9	5700	2833
31.	Ganga River near Maa Ambika Sthan,Aami,Dist.-Saran	Minimum	6.97	7.9	1.6	14000	6100
		Maximum	8.26	10.7	2.8	70000	27000
		Average	7.61	9.2	2.4	30800	13620
32.	Ghaghara at Chapra near Ribilganj, Dist.- Saran.	Minimum	7.02	7.8	1.7	3400	1700
		Maximum	8.11	10.4	2.6	4600	2100
		Average	7.70	8.6	2.0	3538	1922
33.	Sone River at Banzari near Sun Temple. Dist.- Rohtas.	Minimum	7.63	6.9	1.5	3100	1700
		Maximum	7.97	10.5	2.0	11000	4000
		Average	7.78	8.5	1.7	4500	2088
34.	Sone at Indrapuri Dam, Dehri-on-Sone Dist.- Rohtas	Minimum	7.59	6.6	1.6	3100	1700
		Maximum	7.98	10.0	2.0	24000	11000
		Average	7.77	8.3	1.8	6300	3000
35.	Sone at Nasiriganj Dam Dist.- Rohtas	Minimum	7.51	6.6	1.7	4000	1700
		Maximum	8.20	11.2	2.4	24000	14000
		Average	7.82	8.5	2.0	8412	4162
36.	Sone River at Bahiyara Dist.- Bhojpur.	Minimum	7.54	7.4	1.5	3100	1700
		Maximum	8.35	10.5	2.2	24000	14000
		Average	7.95	8.5	1.9	7044	3766
37.	Sone at Koelwar near Mandir Dist.- Bhojpur.	Minimum	7.31	7.3	1.8	3400	1700
		Maximum	8.56	9.4	2.4	79000	27000
		Average	8.04	8.2	2.1	14978	5666

38.	Gandak River at Sonepur near Harihar Nath Temple Dist.- Saran	Minimum	7.11	7.8	1.7	3400	1700
		Maximum	8.11	9.8	2.6	11000	4000
		Average	7.64	8.4	2.2	5344	2400
39.	Konhara Ghat at Hajipur D/S Gandak River Dist.- Vaishali.	Minimum	7.51	7.8	1.6	3100	1700
		Maximum	8.43	10.1	2.4	4600	2100
		Average	7.81	8.4	2.0	3622	1833
40.	Road Bridge on Gandak River at Hajipur U/S Gandak River Dist.- Vaishali.	Minimum	7.29	7.8	1.5	2100	1700
		Maximum	8.20	10.2	2.3	4600	2100
		Average	7.74	8.5	1.9	3577	1922
41.	Gandak River at Rewaghat, near Road Bridge Dist.- Muzaffarpur.	Minimum	7.04	7.6	1.2	3800	1700
		Maximum	7.90	10.4	2.0	4600	2100
		Average	7.65	8.5	1.7	4166	2033
42.	Gandak at Dumaria ghat, Gopalganj Pipra kothi Road Bridge Dist.- Gopalganj.	Minimum	6.92	7.7	1.0	3400	1700
		Maximum	8.22	9.8	2.1	4600	2100
		Average	7.81	8.5	1.7	4100	1922
43.	Burhi Gandak at Akharaghat near Road Bridge Dist.- Muzaffarpur	Minimum	7.64	7.1	2.1	3100	1700
		Maximum	8.20	9.8	2.8	14000	6100
		Average	7.89	7.9	2.5	6322	2966
44.	U/S Burhi Gandak at NH-Road Bridge near Zero mile Dist.- Muzaffarpur.	Minimum	7.62	7.3	1.8	3100	1700
		Maximum	8.32	11.8	2.5	11000	4000
		Average	7.94	7.8	1.9	6633	2811
45.	Burhi Gandak at Samastipur NH Road Bridge near Magardahi ghat Dist.-Samastipur.	Minimum	7.86	7.1	1.7	3100	2100
		Maximum	8.41	13.2	2.7	24000	14000
		Average	8.09	9.0	2.2	8362	4250
46.	Daha River at Rajendra Road Bridge Siwan Dist.- Siwan	Minimum	6.91	2.4	2.4	3600	2100
		Maximum	7.88	9.9	3.4	11000	4000
		Average	7.47	7.05	2.7	6744	3077
47.	Daha River at Itwa Bridge, Meerganj Gopalganj Road Bridge Dist.-Gopalganj.	Minimum	6.97	7.0	2.2	4000	1700
		Maximum	8.35	11.2	2.8	4600	2600
		Average	7.71	8.1	2.5	4266	2022
48.	Daha River at Badar Jimi Bazar, Meerganj Dist.- Siwan	Minimum	6.98	6.2	2.2	3100	1700
		Maximum	8.37	10.8	2.9	4600	2600
		Average	7.68	7.7	2.7	3955	2022
49.	D/S Daha River at Sasamusa after Sugar Mill near Road Bridge Dist.- Gopalganj.	Minimum	6.90	6.8	2.6	4000	2100
		Maximum	8.11	9.7	2.9	5800	3300
		Average	7.69	7.9	2.7	4716	2350
50.	Punpun River at Patna-Fatuha Road Bridge, Fatuha Dist.-Patna	Minimum	6.40	3.5	2.8	11000	5800
		Maximum	8.14	9.0	4.0	79000	27000
		Average	7.39	6.3	3.0	26666	12433
51.	Punpun River at Punpun near Rail Bridge Dist.- Patna	Minimum	7.38	6.2	2.1	3300	1700
		Maximum	8.47	12.1	2.9	130000	79000
		Average	7.88	8.2	2.6	30077	15100
52.	Punpun River at Kinzer near Road Bridge Dist.- Jehanabad.	Minimum	7.51	6.6	1.5	4600	2100
		Maximum	8.63	15.0	2.7	110000	22000
		Average	7.99	8.9	2.3	37277	9333
53.	Sikrahna River near Chanpatia Road Bridge Chanpatia, Dist.- East Champaran.	Minimum	7.18	0.0	2.0	3100	1700
		Maximum	8.14	8.4	10.0	14000	6100
		Average	7.58	6.7	3.3	6437	2987
54.	Sikrahna River at Lal Parsa, Near Sugauli-Raxaul Road Bridge Dist.- East Champaran.	Minimum	7.19	0.8	2.0	3100	2100
		Maximum	8.21	8.1	6.0	14000	11000
		Average	7.59	6.8	2.8	9437	4525
55.	Sikrahna River at Lawria-Hari Nagar Road Bridge Dist.- West Champaran	Minimum	5.81	0.0	2.0	4400	2100
		Maximum	8.03	9.2	14.8	11000	4000
		Average	7.48	6.8	3.8	6600	2888
56.	U/S Harbora River before Sugar Mill near Road Bridge, Narkatiaganj Dist.- West Champarn	Minimum	7.31	7.1	2.0	3100	1700
		Maximum	8.65	9.1	2.7	7000	3100
		Average	7.65	7.9	2.2	4766	2288
57.	D/S Harbora River at Narkatiaganj near Rly. Bridge Dist.- West Champarn.	Minimum	6.43	0.0	2.0	3400	1700
		Maximum	7.86	8.3	14.0	14000	6100
		Average	7.33	4.9	5.7	6511	2888

58.	U/S Ramrekha River at Harinagar Dist.- West Champaran.	Minimum	6.58	3.6	1.9	3100	1700
		Maximum	7.68	8.0	5.0	7000	3300
		Average	7.14	6.1	2.9	4455	2266
59.	D/S Ramrekha River at Harinagar Dist.- West Champaran.	Minimum	6.59	3.0	2.7	3400	1700
		Maximum	7.78	7.3	5.0	11000	4000
		Average	7.08	5.6	3.3	5500	2522
60.	Sirsia River near Raxaul-Beerganj Check Post, Road Bridge Raxaul Dist East Champaran	Minimum	6.90	0.0	8.0	5600	2600
		Maximum	8.01	2.1	15.0	15000	7000
		Average	7.36	0.26	11.6	7912	3537
61.	D/S Sirsia River at Koriatola, near Temple Raxaul Dist.- East Champaran	Minimum	6.93	0.0	8.0	7000	3100
		Maximum	7.87	3.8	11.0	22000	11000
		Average	7.39	0.8	9.0	11375	5212
62.	Kamala River at Benipatti Madhubani Dist.- Madhubani.	Minimum	7.22	7.2	1.8	3100	2100
		Maximum	8.01	12.2	2.7	29000	21000
		Average	7.71	8.3	2.2	8785	5328
63.	Kamala River at Gausa ghat Dist.- Darbhanga.	Minimum	7.22	1.5	2.6	3100	1700
		Maximum	7.96	9.6	5.0	15000	7000
		Average	7.52	5.9	3.3	5775	2675
64.	Kamala River at Kamala ghat Jaynagar Dist.- Madhubani.	Minimum	7.45	7.3	1.5	3600	1700
		Maximum	8.64	12.0	2.3	32000	17000
		Average	7.92	8.6	2.0	8285	4171
65.	Bagmati River at Muzaffarpur Sitamarhi Road Bridge near Janar Bedor Dist.- Sitamarhi.	Minimum	7.51	7.1	1.6	2800	1400
		Maximum	8.05	9.0	2.4	22000	11000
		Average	7.8	7.9	2.01	6275	3162
66.	Bagamati River at Darbhanga-Samastipur Road Bridge near Hanuman Nagar Dist.- Darbhanga	Minimum	7.62	6.9	1.6	3400	1700
		Maximum	8.69	12.8	2.5	29000	21000
		Average	8.07	8.8	1.9	9687	5412
67.	Bagmati River (2 nd Stream) U/S Darbhanga Dist.- Darbhanga	Minimum	7.42	7.0	2.1	3900	1700
		Maximum	8.04	10.4	2.5	15000	7000
		Average	7.70	7.7	2.3	5587	2625
68.	Bagmati River (2 nd Stream) D/S Darbhanga Dist.- Darbhanga.	Minimum	7.35	5.5	2.1	4000	1700
		Maximum	7.88	11.4	2.8	32000	17000
		Average	7.63	7.7	2.5	9275	4587
69.	Koshi River at Kurshela Bridge, Katihar Dist.- Katihar.	Minimum	7.46	7.2	1.5	3100	1700
		Maximum	7.73	10.0	2.1	170000	110000
		Average	7.63	8.6	1.7	24637	15500
70.	Koshi River at Gumatipur Madhepura Dist.- Madhepura.	Minimum	6.91	6.6	1.6	2600	1700
		Maximum	7.78	11.3	2.5	110000	70,000
		Average	7.56	8.6	2.0	16887	10375
71.	Koshi River at Beerpur Dist.- Supaul	Minimum	7.54	7.8	1.4	3100	1700
		Maximum	8.01	10.2	2.4	140000	79000
		Average	7.67	8.7	1.8	20825	11637
72.	U/S Manusmar River at Bakhari, Riga Dist.- Sitamarhi.	Minimum	6.84	6.1	1.5	3100	1700
		Maximum	8.10	11.2	2.5	15000	7000
		Average	7.64	8.4	1.9	6911	3211
73.	D/S Manusmar River at Uphraulia, Riga Dist.- Sitamarhi.	Minimum	6.78	5.0	1.6	3100	1700
		Maximum	7.90	9.1	2.9	29000	21000
		Average	7.60	7.2	2.5	9844	5477
74.	Dhos River at Madhuvapur (Sahar ghat) Dist- Madhubani.	Minimum	7.41	5.7	2.4	3400	1700
		Maximum	7.81	10.0	2.8	22000	11000
		Average	7.66	7.5	2.6	7342	3828
75.	Mahananda River at Thakurganj-Kishanganj Road Bridge Dist.- Kishanganj.	Minimum	7.35	7.0	1.2	3400	1700
		Maximum	8.03	10.2	2.4	79000	27000
		Average	7.75	8.5	1.8	13487	5125
76.	Parmar River at Jogbani Dist.- Arasria.	Minimum	7.32	6.4	1.6	3100	2100
		Maximum	8.08	8.4	2.9	70000	21000
		Average	7.66	7.6	2.5	12175	4425
77.	Kawar Lake at Manghoul, Begusarai Dist.- Beguarai.	Minimum	7.2	5.4	2.4	11000	4000
		Maximum	7.95	10.2	2.8	32000	17000
		Average	7.40	8.1	2.6	21000	10350

78.	Dighi Talab at Gaya near Kachhari Dist.- Gaya	Minimum	7.56	6.2	2.5	3900	1700
		Maximum	8.13	10.4	3.2	32000	17000
		Average	7.84	7.8	2.8	7955	3922
79.	Suraj Kund Talab at Gaya near Vishnupad, Temple Dist.- Gaya	Minimum	7.60	6.4	2.4	3300	1700
		Maximum	8.15	10.2	3.0	29000	21000
		Average	7.77	7.74	2.6	7344	4333
80.	Moti Jheel Lake at Motihari near Gayatri, Mandiri Dist.- East Champaran.	Minimum	7.02	6.2	2.2	3100	2100
		Maximum	8.03	9.5	2.8	15000	7000
		Average	7.54	7.4	2.6	7875	3562



BIHAR STATE POLLUTION CONTROL BOARD
Privesh Bhawan, NSB-2, Patliputra Industrial Area
Patliputra, Patna – 800 010

Water Quality Status of River Ganga and its Tributaries during the Year (2018-2019)
Excluding Rainy Season (August to October)

Letait

Sl. No.	Sampling Point		pH	D.O.	B.O.D.	T.C.	F.C.
				mg/L	mg/L	MPN/100ml	MPN/100ml
1	Ganga at Chausa karmnasa D/S Confluence , Buxar	Minimum	7.25	7.4	1.5	6300	2600
		Maximum	8.23	9.8	2.3	29000	21000
		Average	7.82	8.55	1.77	13787	8600
2	Ganga at Ramrekha ghat, Buxar. Dist. - Buxar	Minimum	7.47	7.2	1.7	7000	3300
		Maximum	8.20	9.6	2.8	35000	17000
		Average	7.85	8.16	2.28	16500	6925
3	Ganga at D/S Buxar near Road Bridge. Dist. - Buxar	Minimum	7.22	7.0	1.7	7000	3100
		Maximum	8.21	9.6	2.6	15000	7900
		Average	7.86	8.17	2.18	11700	6087
4	Ganga River at Jail Ghat, Buxar	Minimum	7.18	7.2	1.7	7000	3100
		Maximum	8.29	9.5	2.5	29000	21000
		Average	7.79	8.3	2.06	14175	8312
5	Ganga at Ara - Chhapra Near Road Bridge Ara, Dist. Bhojpur.	Minimum	7.30	7.7	1.5	3800	1700
		Maximum	7.94	9.1	2.0	4600	2100
		Average	7.63	8.4	1.71	4228	1971
6	Ganga River at water intake point Mauzampur Block, Barhara, Dist-Bhojpur, Area	Minimum	7.35	7.8	1.4	3300	1700
		Maximum	8.03	9.2	1.9	4700	2200
		Average	7.72	8.55	1.58	4142	2014
7	Ganga at Danapur near Pipapul. Dist. - Patna	Minimum	7.44	7.5	1.3	5500	2600
		Maximum	8.30	9.4	2.4	15000	7000
		Average	7.74	8.35	1.8	8355	4077
8	Ganga at U/S Patna, Kurji. Dist. - Patna	Minimum	7.21	7.2	1.5	5800	2600
		Maximum	8.20	9.5	2.5	14000	7900
		Average	7.72	8.18	1.94	8922	4288
9	Ganga River at Gulabi Ghat, Patna	Minimum	7.31	6.7	2.2	6800	3100
		Maximum	8.25	8.5	2.7	29000	21000
		Average	7.80	7.8	2.51	15088	7955
10	Ganga at Gandhighat, NIT, Patna	Minimum	7.08	7.0	1.9	11000	4000
		Maximum	8.21	8.8	2.6	35000	26000
		Average	7.72	7.90	2.33	21222	10244
11	Ganga at D/S Patna, Gaighat Dist. Patna.	Minimum	7.42	6.6	2.0	11000	4000
		Maximum	8.20	8.8	2.8	29000	21000
		Average	7.79	7.9	2.36	18666	11700

12	Ganga at Malsalami, Patna City Dist. - Patna	Minimum	6.9	7.2	1.5	5500	2600
		Maximum	8.23	9.5	2.4	7000	3600
		Average	7.64	8.28	1.53	6433	3044
13	Ganga Before Confluence of Punpun River at Trveni Ghat Fatuha, Patna Dist. - Patna.	Minimum	6.34	7.0	1.7	14000	6100
		Maximum	8.16	9.5	2.5	35000	21000
		Average	7.54	8.05	1.94	20222	10022
14	Ganga at Kewala ghat, Fatuha Dist.- Patna	Minimum	6.40	6.6	2.2	6100	2600
		Maximum	8.13	8.5	2.7	7000	4500
		Average	7.39	7.5	2.44	6588	3211
15	Ganga at Kachchi Dargah-Bidupur Road Bridge, Dist-Patna	Minimum	7.10	7.4	1.2	5500	2600
		Maximum	8.21	9.6	2.2	7000	3600
		Average	7.74	8.5	1.7	6222	3011
16	Ganga at Bakhtiyarpur-Tajpur Road Bridge near Athamalgola, Dist-Patna	Minimum	6.35	7.3	1.3	5500	2600
		Maximum	8.15	10.0	2.5	7000	4600
		Average	7.63	8.57	1.9	6557	3257
17	Ganga at U/S Mokama, Mahadeo Asthan Dist.- Patna.	Minimum	7.09	7.4	1.9	7000	3100
		Maximum	8.36	9.4	2.4	15000	7000
		Average	7.68	8.11	2.11	10575	5275
18	Ganga at D/S Mokama near Rajendra Bridge, Simaria Ghat Patna	Minimum	7.28	7.0	2.4	14000	6100
		Maximum	8.40	8.0	2.6	32000	21000
		Average	7.68	7.54	2.52	22571	13171
19	Ganga at Umanath Ghat Barh Dist.- Patna	Minimum	7.13	7.0	1.6	6300	3100
		Maximum	8.40	9.8	2.4	13000	7900
		Average	7.58	8.25	1.94	8900	3971
20	Ganga U/S of NTPC Water intake Point, Barh Dist.- Patna	Minimum	6.92	7.2	1.7	5500	2600
		Maximum	8.28	9.6	2.5	11000	4500
		Average	7.63	8.2	2.0	7228	3428
21	Ganga D/S of NTPC Water intake Point, Barh Dist.- Patna	Minimum	6.98	7.0	1.8	7000	3100
		Maximum	8.37	9.3	2.5	13000	7900
		Average	7.65	8.08	2.08	10714	4857
22	Ganga at Barahiya, Nepaly Tola, Maranchi Dist. - Lakhisarai	Minimum	7.29	7.2	1.4	11000	4000
		Maximum	8.39	9.1	2.3	14000	12000
		Average	7.83	8.1	1.9	11857	5871
23	Ganga at U/S Munger near Kasth harini ghat. Dist.- Munger	Minimum	6.76	7.0	1.5	6300	2600
		Maximum	8.09	10.2	2.4	32000	21000
		Average	7.75	8.55	2.06	16787	8900
24	Ganga at D/S Munger near Crematorium Ghat Dist. - Munger	Minimum	6.87	7.4	1.7	7000	3800
		Maximum	8.16	10.1	2.6	35000	21000
		Average	7.81	8.46	2.32	19875	11375
25	Ganga at U/S Sultanganj, Aijaibi Nath Dist.- Bhagalpur	Minimum	6.96	7.4	1.5	7000	3800
		Maximum	8.18	10.0	2.3	29000	21000
		Average	7.82	8.45	1.97	15950	9800

26	Ganga at D/S Sultanganj at Cremation ghat Dist.- Bhagalpur	Minimum	7.05	6.9	1.8	7000	3800
		Maximum	8.20	9.8	2.8	32000	21000
		Average	7.88	8.21	2.32	19000	10362
27	Ganga River at Champa Nagar, Bhagalpur. Dist.- Bhagalpur	Minimum	7.02	7.6	1.5	9300	4000
		Maximum	8.13	9.7	2.3	22000	11000
		Average	7.76	8.75	1.82	13228	6657
28	Ganga at D/S Bhagalpur near Bararighat. Dist.- Bhagalpur	Minimum	7.29	7.3	2.0	7000	3800
		Maximum	8.17	8.5	2.7	29000	21000
		Average	7.78	7.92	2.3	19000	11975
29	U/S Ganga at Bhagalpur kuppa ghat Dist.- Bhagalpur	Minimum	7.05	7.5	1.4	6300	2600
		Maximum	8.08	9.0	2.4	32000	21000
		Average	7.65	8.25	1.88	15112	8487
30	Ganga at Kahalgaon near Jahajghat. Dist.- Bhagalpur	Minimum	7.17	7.7	1.6	7000	3800
		Maximum	8.05	9.5	2.2	22000	11000
		Average	7.75	8.47	1.91	12750	5862
31	Ganga D/S at Kahalgaon near Cremation Ghat.	Minimum	7.54	7.4	1.9	11000	4000
		Maximum	8.05	9.3	2.6	29000	21000
		Average	7.85	8.08	2.27	16500	9787
32	Ganga at the Confluence of Sone River at Doriganj, Chapra. Dist. - Saran	Minimum	7.23	7.8	1.7	6300	3100
		Maximum	8.01	9.8	2.0	35000	13000
		Average	7.66	8.48	1.88	13185	4957
33	Ganga River near maa Ambika Sthan, Aami, Dist-Saran	Minimum	7.17	7.1	2.1	13000	6100
		Maximum	8.76	9.7	2.6	29000	21000
		Average	7.84	8.01	2.31	18285	10728
34	Ghaghara at Chapra near Ribilganj.near Mangh Dist.- Saran	Minimum	6.55	7.7	1.5	4000	2100
		Maximum	8.26	9.8	2.6	22000	11000
		Average	7.59	8.63	1.87	9675	4562
35	Sone River at Banzari near Sun Temple. Dist.- Rohtas	Minimum	7.16	8.5	1.3	4000	1700
		Maximum	8.26	9.6	1.6	5800	3300
		Average	7.72	8.87	1.46	4375	2100
36	Sone at Indrapuri Dam, Dehri-on-Sone. Dist.- Rohtas	Minimum	7.36	8.3	1.1	4000	1700
		Maximum	8.18	9.4	2.0	7000	3600
		Average	7.70	8.76	1.63	5350	2700
37	Sone River at Dehri-on-Sone Bridge, Dist-Rohtas.	Minimum	7.05	7.6	1.7	4000	1700
		Maximum	8.13	8.9	2.3	7000	6800
		Average	7.70	8.4	2.03	5825	3100
38	Sone at Nasirganj Dam. Dist.- Rohtas	Minimum	7.48	8.2	1.8	6300	2600
		Maximum	8.48	9.0	2.4	11000	4000
		Average	7.78	8.56	2.06	9412	3600

39	Sone River at Bahiyara. Dist.- Bhojpur	Minimum	7.26	7.7	1.5	4600	1700
		Maximum	8.05	9.5	1.9	13000	7900
		Average	7.58	8.52	1.74	6614	3428
40	Sone at Koelwar near Mandir. Dist.- Bhojpur	Minimum	7.17	7.5	1.5	6300	2600
		Maximum	8.02	9.3	2.4	29000	21000
		Average	7.55	8.35	1.96	14912	7612
41	Gandak River at Sonepur near Harihar nath Temple. Dist.- Saran	Minimum	6.43	7.4	2.0	11000	4000
		Maximum	8.50	9.2	2.6	35000	13000
		Average	7.68	8.13	2.28	18125	7850
42	Konhara Ghat at Hajipur, D/S Gandak River. Dist. - Vaishali.	Minimum	6.90	7.5	1.5	4600	1700
		Maximum	8.55	9.1	2.5	54000	24000
		Average	7.73	8.32	2.05	13250	6000
43	Road Bridge on Gandak River at Hajipur U/S Gandak River. Dist. - Vaishali.	Minimum	6.90	7.8	1.5	4000	2100
		Maximum	8.50	9.3	2.2	28000	13000
		Average	7.70	8.47	1.81	9412	4425
44	Gandak River at Rewaghat, near Road Bridge, Dist.- Muzaffarpur	Minimum	7.62	7.8	1.7	4000	1700
		Maximum	8.44	9.2	1.9	9300	6800
		Average	7.94	8.38	1.81	6114	3128
45	Gandak at Dumarla ghat, Gopalganj-Pipra Kothi Road Bridge. Dist.- Gopalganj	Minimum	7.58	7.7	1.5	4000	1700
		Maximum	8.12	9.5	2.1	11000	7800
		Average	7.92	8.5	1.7	6014	3071
46	Budhi Gandak at Lalbagia, Motihari-Dhaka Road, Dist- East Champaran.	Minimum	7.09	7.3	1.5	4600	2100
		Maximum	9.06	8.7	2.5	14000	7900
		Average	7.96	7.96	2.16	8650	4375
47	Burhi Gandak at Akharaghat near Road Bridge, Dist. - Muzaffarpur.	Minimum	7.59	7.9	1.7	6100	2600
		Maximum	8.34	10.0	2.8	11000	4000
		Average	7.90	8.8	2.2	7242	3342
48	U/S Burhi Gandak at NH-Road Bridge near Zero mile, Dist. - Muzaffarpur.	Minimum	7.46	8.0	1.3	5500	3100
		Maximum	8.28	10.2	2.1	11000	4500
		Average	7.85	9.07	1.72	7328	3528
49	Burhi Gandak at Samastipur NH Road Bridge near Magardahi ghat Dist.- Samastipur	Minimum	7.10	7.9	1.3	5800	3100
		Maximum	8.22	10.0	2.3	11000	6800
		Average	7.76	9.36	1.73	7733	3933
50	Budhi Gandak at Khagaria Road Bridge, Dist- Khagaria.	Minimum	7.27	7.7	1.7	4000	2100
		Maximum	8.43	9.6	2.6	7000	4500
		Average	7.69	8.25	2.18	6112	3175
51	Daha River at Rajendra Road Bridge, Siwan. Dist.- Siwan	Minimum	7.23	0.0	2.4	11000	4000
		Maximum	7.46	8.5	5.0	160000	92000
		Average	7.36	4.37	3.34	38285	21285

52	Daha River at Itwa Bridge, Meerganj-Gopalganj Road Bridge Dist.- Gopalganj.	Minimum	7.31	5.5	2.0	4000	1700
		Maximum	8.06	9.2	2.9	13000	7900
		Average	7.71	8.08	2.41	7314	3928
53	Daha River at Badar Jimi Bazar, Meerganj Dist.- Siwan	Minimum	7.34	6.0	2.3	4600	2100
		Maximum	8.45	9.4	2.8	92000	17000
		Average	7.82	7.91	2.44	18428	5028
54	U/S Daha River at Sasamusa, before Sugar Mill.	Minimum	6.72	7.4	2.3	7000	3100
		Maximum	7.49	8.6	2.6	11000	4000
		Average	7.19	7.83	2.43	9666	3700
55	D/S Daha River at Sasamusa after Sugar Mill near Road Bridge, Dist.- Gopalganj,	Minimum	7.45	6.4	2.6	13000	6100
		Maximum	7.52	7.2	2.8	14000	7900
		Average	7.49	6.76	2.7	13666	4700
56	Punpun River at Patna-Fatuha Road Bridge, Fatuha Dist.- Patna	Minimum	6.42	0.0	2.8	6300	2600
		Maximum	7.96	7.2	8.0	11000	8300
		Average	7.27	3.03	4.84	9922	4222
57	Punpun River at Punpun near Rail Bridge Dist.- Patna	Minimum	7.12	7.2	2.4	4000	1700
		Maximum	8.38	8.6	2.7	11000	6800
		Average	7.62	7.66	2.56	8025	3537
58	Punpun River at Kinzer near Road Bridge Dist.- Jehanabad.	Minimum	7.39	8.7	1.4	5800	2600
		Maximum	8.34	10.5	1.9	7000	4500
		Average	7.90	9.37	1.63	6412	3250
59	Sikrahna River near Chanpatia Road Bridge, Chanpatia Dist.- East Champaran	Minimum	6.90	0.0	2.5	6300	1700
		Maximum	7.69	8.1	95	14000	7900
		Average	7.29	5.48	13.0	10066	4455
60	Sikrahna River at Lal Parsa, near Sugauli-Raxaul Road Bridge Dist.- East Champaran	Minimum	6.69	2.5	1.8	6300	2600
		Maximum	8.16	9.0	4.0	15000	7000
		Average	7.66	6.65	2.65	10733	4588
61	Sikrahna River at Lawri- Hari nagar Road Bridge Dist.- west Champaran	Minimum	5.62	0.0	1.8	7000	3800
		Maximum	8.14	9.0	95	29000	21000
		Average	7.33	6.15	13.68	13666	5444
62	Sikrahna River at Lawri- Narkatiaganj Road Bridge West Champaran.	Minimum	7.17	0.0	1.9	6300	2600
		Maximum	7.72	8.6	135	22000	11000
		Average	7.37	5.43	18.14	13177	6400
63	U/S Harbora River before Sugar Mill, near Road Bridge, Narkatiaganj Dist.- west Champaran	Minimum	6.28	6.4	1.5	6300	2600
		Maximum	8.13	9.5	2.6	15000	7800
		Average	7.42	7.45	2.16	10255	4811
64	D/S Harbora River at Narkatiaganj, near Rly. Bridge Dist.- west Champaran	Minimum	5.54	0.0	2.6	11000	4000
		Maximum	8.02	7.5	125	29000	21000
		Average	6.84	4.44	17.78	19666	11577

65	U/S Ramrekha River at Harinagar Dist.- west Champaran	Minimum	6.67	1.5	2.6	6300	2600
		Maximum	7.73	6.0	8.4	9300	6800
		Average	7.10	4.76	3.46	7122	3666
66	D/S Ramrekha River at Harinagar Dist.- west Champaran	Minimum	6.09	0.0	2.9	7000	3100
		Maximum	7.71	5.0	12.0	14000	12000
		Average	6.85	3.63	4.26	10333	5677
67	U/S Kohra River at Rajghat, Manjholia Dist.- West Champaran.	Minimum	6.86	4.9	1.6	7000	3100
		Maximum	7.95	9.5	2.8	14000	7900
		Average	7.48	7.58	2.2	10366	5433
68	D/S Kohra River at Rajghat, Manjholia Dist.- West Champaran.	Minimum	5.69	0.0	2.2	11000	4000
		Maximum	8.26	8.9	8.0	35000	21000
		Average	7.18	5.8	4.24	16444	8344
69	Sirsia River near Raxaul-Beerganj Check Post, Road Bridge, Raxaul Dist.- East Champaran	Minimum	6.89	0.0	6.0	7000	3100
		Maximum	7.47	0.0	14.0	29000	21000
		Average	7.20	0.0	10.25	14875	8625
70	D/S Sirsia River at Korlatola, near Temple, Raxaul Dist.- East Champaran	Minimum	6.95	0.0	8.0	15000	6100
		Maximum	7.57	0.0	12.0	32000	21000
		Average	7.20	0.0	9.25	22750	13887
71	Kamala River at Benipatti, Madhubani Dist.- Madhubani	Minimum	6.48	5.5	1.8	5500	2600
		Maximum	8.08	9.8	2.7	15000	7000
		Average	7.57	8.3	2.16	7933	3983
72	Kamala River at Gausa ghat, Dist.- Darbhanga.	Minimum	7.01	0.7	1.5	4600	2600
		Maximum	7.98	9.8	6.0	7000	4500
		Average	7.48	6.15	3.11	6333	3033
73	Kamla River at Jeewach ghat Dist.- Darbhanga.	Minimum	6.78	6.0	1.8	4000	1700
		Maximum	7.80	10.0	2.8	13000	7900
		Average	7.47	7.62	2.34	8400	4000
74	Kamala River at Kamala ghat, Jaynagar Dist.- Madhubani	Minimum	7.43	8.1	1.4	4000	1700
		Maximum	8.11	10.0	2.1	11000	6100
		Average	7.8	9.0	1.68	7116	3466
75	Bagmati River at Muzaffarpur, Sitamarhi Road Bridge near Janar Bedor Dist.- Sitamarhi.	Minimum	6.73	7.1	1.5	4000	1700
		Maximum	8.30	8.9	2.3	13000	7900
		Average	7.60	8.07	1.95	6300	3214
76	Bagmati River at Darbhanga-Samastipur Road Bridge, near Hanuman Nagar. Dist.- Darbhanga.	Minimum	7.32	6.0	1.9	6100	2600
		Maximum	8.25	10.0	2.5	11000	4500
		Average	7.79	8.7	2.05	7250	3400
77	Bagmati River (2 nd Stream) U/S Darbhanga Dist.- Darbhanga	Minimum	7.13	7.0	1.8	4000	1700
		Maximum	7.85	8.9	4.2	22000	17000
		Average	7.51	7.98	2.5	8957	5000
78	Bagmati River (2 nd Stream) D/S Darbhanga Dist.- Darbhanga	Minimum	7.05	6.9	2.1	6300	2600
		Maximum	7.85	8.5	4.5	26000	21000
		Average	7.50	7.7	2.74	11185	6171

79	Koshi River at Kurshela Bridge, Katihar Dist.- Katihar	Minimum	7.02	6.0	1.6	4000	2100
		Maximum	8.72	9.2	2.5	17000	13000
		Average	7.70	7.97	1.97	7000	4085
80	Koshi River at Gumatipur, Madhepura Dist.- Madhepura	Minimum	7.14	7.2	1.5	4000	2100
		Maximum	7.76	9.0	2.5	7900	4900
		Average	7.45	8.07	1.98	6271	3114
81	Koshi River at Beerpur Dist.- Supaul	Minimum	7.16	7.4	1.5	4000	2100
		Maximum	8.21	10.5	2.3	7000	3100
		Average	7.52	8.47	1.9	5600	2471
82	U/S Manusmar River at Bakhari, Riga Dist.- Sitamarhi	Minimum	6.41	6.5	1.3	5800	2600
		Maximum	8.26	9.0	2.5	14000	11000
		Average	7.42	8.05	1.92	8771	4371
83	D/S Manusmar River at Uphraulia, Riga. Dist.- Sitamarhi	Minimum	6.32	4.6	2.0	7000	3100
		Maximum	7.87	8.2	6.0	26000	21000
		Average	7.22	6.48	3.11	15285	9442
84	Dhos River at Madhuvapur (Sahar ghat) Dist.- Madhubani	Minimum	6.86	6.0	1.9	6300	2600
		Maximum	7.95	8.7	5.6	7000	4500
		Average	7.57	7.46	2.91	6583	3316
85	Mahananda River at Thakurganj-Kishanganj Road Bridge Dist.- Kishanganj.	Minimum	7.26	7.3	1.8	4000	2100
		Maximum	8.16	8.9	2.1	7000	4000
		Average	7.54	8.2	1.9	5757	2900
86	Parmar River at Jogbani Dist.- Araria	Minimum	7.04	7.0	1.4	4600	2100
		Maximum	8.39	10.0	2.6	6800	4500
		Average	7.45	7.95	2.2	5828	2842
87	Kawar Lake at Manghoul, Begusarai Dist.- Begusarai	Minimum	7.20	9.1	2.4	11000	4000
		Maximum	8.51	14.8	2.9	14000	7000
		Average	7.76	10.32	2.73	11750	4900
88	Dighi Talab at Gaya near Kachhari Dist.- Gaya	Minimum	7.01	7.3	2.5	11000	4000
		Maximum	8.37	9.1	2.9	35000	22000
		Average	7.61	8.2	2.76	17111	9022
89	Suraj Kund Talab at Gaya near Vishnupad, Temple Dist.- Gaya	Minimum	7.05	7.2	2.2	6300	2600
		Maximum	8.30	9.8	2.9	22000	17000
		Average	7.69	8.57	2.6	10700	5300
90	Moti jheel Lake at Motihari near Gayatri, Mandiri Dist.- East Champaran	Minimum	7.26	8.0	2.3	11000	4000
		Maximum	9.97	12.6	3.5	14000	11000
		Average	8.38	10.03	2.73	12444	6333
91	Sikandarpur Lake, Dist.- Muzaffarpur.	Minimum	7.30	7.8	2.0	7000	3100
		Maximum	8.68	10.5	3.0	21000	17000
		Average	7.94	9.31	2.7	12285	6028

Primary Water Quality Criteria for Various Uses

Quality Class (Use Class) Designated best use		Parameter			
		pH	Dissolved Oxygen (D.O.) mg/l Min.	Bio-Chemical Oxygen Demand (B.O.D.) mg/l Max.	Total Coliform MPN/100ml Max.
A	Drinking water source without conventional treatment but after disinfections	6.5-8.5	6	2	50
B	Outdoor bathing organized	6.5-8.5	5	3	500
C	Drinking water source with conventional (treatment followed by disinfections)	6.0-9.0	4	3	5000
D	Propagation of Wild life, fisheries	6.5-8.5	4	-	-
E	Irrigation, Industrial Cooling, Controlled Waste Disposal	6.5-8.5	-	-	-

Primary Water Quality Criteria for bathing

pH	6.5 to 8.5
Dissolved Oxygen (DO)	5 mg/L or more
Biochemical Oxygen Demand (BOD)	3 mg/L or less
Fecal Coliform	2500 MPN/100mL

Status of Grossly Polluting Industries (GPIs)

Sl. No.	Name & Address of the unit	Name of Sector	Product and Production Capacity	Tentative Quantity of effluent generation in KLD (Potential)	Details of Discharge Consent		Effluent Treatment System	ZLD/Discharge Recipient (River/Land)	Remarks /Action taken
					Issued on	Valid up-to			
1	M/s Harinagar Sugar Mills Ltd. (Distillery Division), Harinagar, Dist.- West Champaran.	Distillery	Ethanol 120 KLD	1000	13.12.2018	12.12.2023	Bio-methanation, Multi Effect Evaporation (MEE), followed by Bio-composting. The unit has developed facility for maintaining zero liquid discharge.	Zero Liquid Discharge system	Operational
2	M/s New Swadeshi Sugar Mills, (Distillery Division), Narkatiaganj, Dist.- West Champaran	Distillery	Ethanol, 60 KLD	600	24.12.2018	31.12.2023	Bio-methanation, MEE, RO, followed by Bio-composting. The unit has developed facility for maintaining zero liquid discharge.	Zero Liquid Discharge system	Operational
3	M/s Riga Sugar Co. Ltd. (Distillery Division), Riga, Dist. Sitamarhi.	Distillery	Ethanol, 50 KLD	500	24.12.2018	31.12.2023	Bio-methanation, MEE, RO, followed by Bio-composting. The unit has developed facility for maintaining zero liquid discharge.	Zero Liquid Discharge system	Operational
4	M/s M J & Sons Distilleries & Breweries Pvt. Ltd., Raghunathpur, Amarpur, Dist.- Banka.	Distillery	Ethanol 45 KLD	360	11.01.2016	31.12.2018	Multi Effect Evaporation (MEE). followed by drying		The unit is closed from own level.
5	M/s Sonasati Organics Pvt. Ltd., Rajapatti Kothi, Dist.- Gopalganj.	Distillery	Ethanol 45 KLD	450	26.10.2018	30.09.2023	MEE followed by incineration through incineration boiler and ETP for condensate treatment and reuse. The unit has developed facility for maintaining zero liquid discharge.	Zero Liquid Discharge system	Operational
6	M/s Jain Agro Distillery Pvt. Ltd., At & Vill- Semraon, Bighai Jagdish, P.O.-Hathua, Dist.-Gopalganj	Distillery	Ethanol 22.5 KLD	220	21.12.2014	31.12.2016	-	-	The unit is closed from own level.
7	M/s Bihar Distillery & Bottlers (P) Ltd., Unit-II (Bottling Division), Devri, Arra, Dist.- Bhojpur	Distillery (grain based)	Ethanol 120 KLD	960	21.04.2016	20.04.2021	This is a grain based distillery. It has deveoped facility for ZLD which consists of Decanters, MEE and ETP for treatment of other waste water.	Zero Liquid Discharge system	The unit is closed from own level but preparing for resuming its operation.
8	M/s Globus Spirits Limited, Dhandua, Jandaha, Hazipur, Dist.- Hazipur	Distillery (grain based)	Ethanol 120 KLD	960	14.01.2017	30.06.2019	-		The unit is closed from own level.
9	M/s HPCL Bio-Fuels Ltd., Lauria, Dist.- West	Sugar	Sugar. Crushing Cap. 3500 TCD&	350	29.11.2018	30.09.2023	Activated Sludge Process (ASP) for sugar mill	Land for irrigation.	Operational
10	M/s HPCL Bio-Fuels Ltd., Lauria, Dist.- West Champaran.	Distillery	Alcohol 60 KLD	600	29.11.2018	30.09.2023	Bio-methanation, MEE followed by Bio-composting for distillery.	Zero Liquid Discharge system	Operational
11	M/s HPCL Bio-Fuels Ltd., Sugauli, Dist.- East Champaran	Sugar	Sugar. Crushing Cap. 3500 TCD&	350	23.11.2018	30.09.2023	Activated Sludge Process (ASP) for sugar mill	Land for irrigation.	Operational
12	M/s HPCL Bio-Fuels Ltd., Sugauli, Dist.- East Champaran.	Distillery	Alcohol 60 KLD	600	23.11.2018	30.09.2023	Bio-methanation, MEE followed by Bio-composting for distillery.	Zero Liquid Discharge system	Operational
13	M/s Tirupati Sugar Mills, Bagha, Dist.- West Champaran.	Sugar	Sugar. Crushing Cap.5000 TCD	700	11.12.2018	31.12.2023	ETP based on Activated Sludge Process (ASP) up to tertiary level with impervious lagoon for utilizing treated effluent for irrigation.	Land for irrigation.	Operational

14	M/s Harinagar Sugar Mills Ltd., Harinagar, Dist.- West Champaran.	Sugar	Sugar. Crushing Cap. 10000 TCD	1000	11.12.2018	31.12.2023	ETP based on Activated Sludge Process (ASP) up to tertiary level with impervious lagoon for utilizing treated effluent for irrigation.	Reused in plant and land for irrigation.	Operational
15	M/s New Swadeshi Sugar Mills, Narkatiaganj, Dist.- West Champaran	Sugar	Sugar. Crushing Cap. 7500 TCD	750	24.12.2018	31.12.2023	ETP based on Activated Sludge Process (ASP) up to tertiary level with impervious lagoon for utilizing treated effluent for irrigation.	Reused in plant land and irrigation.	Operational
16	M/s Jai Shree Sugar Mills, Manjhaulia, Dist.- West	Sugar	Sugar. Crushing Cap. 5000 TCD	700	03.12.2018	30.09.2023	ETP based on Activated Sludge Process (ASP), up to tertiary level with Sand & carbon filtration.	Reused in plant land and irrigation.	Operational
17	M/s Riga Sugar Co. Ltd., Riga, Dist.-Sitamarhi.	Sugar	Sugar. Crushing Cap. 5000 TCD	500	24.12.2018	31.12.2023	ETP based on Activated Sludge Process (ASP) up to tertiary level with impervious lagoon for utilizing treated effluent for irrigation.	Reused in plant and land for irrigation.	Operational
18	M/s Hassanpur Sugar Mills, (Old Name New India Sugar Mills) Hassanpur, Dist.- Samastipur.	Sugar	Sugar. Crushing Cap. 5000 TCD	500	-	30.09.2018	ETP based on Activated Sludge Process (ASP). The treated water is reused in the wet scrubbers and for irrigation.	Reused in plant and land for irrigation.	Applied for renewal of CTO (Operational)
19	M/s Vishnu Sugar Mills, Dist.- Gopalganj.	Sugar	Sugar. Crushing Cap. 3500 TCD	450	23.11.2018	30.06.2023	ETP based on Activated Sludge Process (ASP) up to tertiary level with impervious lagoon for utilizing treated effluent for irrigation. The treated water is reused in the plant in wet	Reused in plant and land for irrigation.	Operational
20	M/s Bharat Sugar Mills, Sidhwalia, Dist.- Gopalganj.	Sugar	Sugar. Crushing Cap. 5000 TCD	500	07.12.2018	30.09.2023	ETP based on Activated Sludge Process (ASP) up to tertiary level with impervious lagoon for utilizing treated effluent for irrigation	Land for irrigation.	Operational
21	M/s Sasamusa Sugar Mills, Sasamusa, Dist.- Gopalganj.	Sugar	Sugar. Crushing Cap. 2450 TCD	245	13.12.2018	12.12.2023	ETP based on anaerobic followed Activated Sludge Process (ASP).	Land for irrigation.	Operational
22	M/s North Bihar Leather Ind. Bela Industrial Area, Bela, Dist.- Muzaffarpur.	Tannery	Wet blue/ semi-finished leather- 2.4 MTD	32	-	-	ETP installed.	Discharge into industrial area drain/low lying area.	Closure Direction issued from CPCB. Unit closed.
23	M/s Green Leather Industries, Industrial Area, Bela, Dist.-	Tannery	Wet blue/ semi-finished leather- 2.4 MTD	10	16.07.2018	15.07.2023	ETP installed.	Land Discharge into industrial area drain/low lying area.	Operational
24	M/s Saba Tennery, Bela Industrial Area, Bela, Dist.- Muzaffarpur.	Tannery	Wet blue/ semi-finished leather- 2.0 MTD	36	-	-	-	Land Discharge into industrial area drain/low lying area.	Closure Direction issued from CPCB. Unit is closed.
25	M/s Alpha Leather Industries, Bela Industrial Area, Bela, Dist.- Muzaffarpur.	Tannery	Wet blue/ semi-finished leather- 1.0 MTD	15	-	-	-	Land Discharge into industrial area drain/low lying area.	Closure Direction issued from CPCB. Unit is closed.
26	M/s Espana Tennery, Bela Industrial Area, Bela, Dist.- Muzaffarpur	Tannery	Wet blue/ semi-finished leather- 1.3 MTD	20	-	-	ETP installed.	Land Discharge into industrial area drain/low lying area.	Closure Direction issued from CPCB. Unit closed.
27	M/s Shanta Mani Hand Made Paper Industry. Doia, Soh-Sarai, Bihar Sharif, Dist-Nalanda.	Pulp and Paper	Craft paper.10 TPD	100	07.09.2017	31.05.2021	ETP consist of equalization tank, primary clarifier, aeration tank, holding lagoon, secondary clarifier, Sludge drying beds, ACF & MGF.	Zero Liquid Discharge system	Operational
28	M/s Smirity Paper Mills Pvt. Ltd., Mahuli Road, Chitauna, Kothia, Patna City, Dist.- Patna	Pulp and Paper	White paper.50 TPD	500		30.06.2022	ETP consist of equalization tank, primary clarifier, aeration tank, holding lagoon, secondary clarifier, Sludge drying beds, ACF & MGF.	Zero Liquid Discharge system	Operational
29	M/s Shree Vishnu Vishal Paper Mills Pvt. Ltd., Gidha, Dist.-Bhojpur.	Pulp and Paper	Craft Paper. 100 TPD, captive power 3 MW and MS ingot 3 Tone/B	1000		30.06.2021	ETP consist of equalization tank, primary clarifier, aeration tank, holding lagoon, secondary clarifier, Sludge drying beds, ACF & MGF.	Zero Liquid Discharge system	Operational

30	M/s Indira Paper Mill Pvt. Ltd., Mohuli Road, Mathpar, Begumpur, Didarganj, Patna	Pulp and Paper	White Paper 25 TPD	250	07.09.2017	31.03.2022	ETP consist of equalization tank, primary clarifier, aeration tank, holding lagoon, secondary clarifier, Sludge drying beds, ACF & MGF.	Zero Liquid Discharge system	Operational
31	M/s Mateshwari Paper Mills Pvt. Ltd., Mahauli Road, Karmalichak, Didarganj, Patna	Pulp and Paper	White Paper 35 TPD	350	15.03.2018	31.12.2022	ETP consist of equalization tank, primary clarifier, aeration tank, holding lagoon, secondary clarifier, Sludge drying beds, ACF & MGF.	Zero Liquid Discharge system	Operational
32	M/s J.J. Exporters Ltd., Panna Mills Compound, Baunsi Road, Dist.- Bhagalpur.	Yarn/textile processing involving bleaching, dyeing, printing and scouring etc.	Yarn, cloths, fabric dying. 6608 Meter/M	3	01.02.2018	31.12.2021	ETP consist of collection chamber, coagulation with alum, settling tank, aeration, sludge drying beds, ACF & SF.	Treated effluent is discharged to municipal drain leading to low lying area. Low lying area	Operational
33	M/s Bhalotia Fabtek Pvt. Ltd. B-6 & 7, Industrial Area, BIADA, Barari, Bhagalpur	Yarn/textile processing involving bleaching, dyeing, printing and scouring etc.	Yarn, cloths, fabric dying. 900 Meter/M	18	04.01.2018	30.06.2022	ETP installed. Treated water is discharged in low lying land of industrial area.	Treated effluent is discharged to industrial area drain-low lying land of industrial area. Low lying area	Operational
34	M/s Wonder Crafts, E-Part, Large Industrial Estate, Barari, Bhagalpur	Yarn/textile processing involving bleaching, dyeing, printing and scouring etc.	Yarn, cloths, fabric dying. 12500 Meter/M	2.5	11.06.2018	30.06.2022	ETP installed with collection tank, aerobic tank, coagulation and settling tank.	Treated effluent is discharged to industrial area drain-low lying land of industrial area. Low lying area	Operational
35	M/s Vaishal Patliputra Dugdh Utpadak Sahkari Sangh Ltd. Patna Dairy Project Phulwari Sharif, Patna	Milk Processing and Dairy plants	Milk processing Cap. 250 KLD (2.5 Lakh Liter) and Milk products	500	30.08.2016	31.12.2018	ETP based on activated sludge process consisting, collection sump, aeration tank with diffusers (2nos.), clarifier & sludge drying beds. Treated effluent is discharged to public sewer connected with STP Beur, Patna.	Municipal drain connected with STP. Municipal drain	Operational
36	M/s Bihar State Milk Co-operative Federation Ltd. (Unit-Nalanda Dairy Biharsharif, Dairy Project	Milk Processing and Dairy plants	Milk processing Cap. 4.5 Lakh liter	900	02.05.2017	28.02.2022	ETP consisting of fat removable system, equalization tank, anaerobic system, aeration tank, clarifier, holding tank. Treated effluent is used for gardening inside the plant.	On land inside the plant for gardening. Low lying area	Operational
37	M/s Mithila Dugdh Utpadak Sahkari Sangh Ltd.(Samastipur Dairy), Industrial Area, Harpur Alouth, P.O. & Dist-Samastipur	Milk Processing and Dairy plants	Milk processing Cap. 2.5 Lakh liter	500	21.04.2018	31.03.2023	ETP based on activated sludge process.	Presently, Treated effluent is reused for construction activities within the premises. Low lying area.	Operational
38	M/s Desh Ratna Dr. Rajendra Prasad Dugdh Utpadak Sahkari Sangh Ltd., Barauni Dairy, , Makhanshala Road, Barauni, Begusarai	Milk Processing and Dairy plants	Milk processing Cap. 445 KLD	900	02.03.2017	31.03.2019	ETP installed. Treated effluent is stored in kachcha lagoon outside the premises.	On land/ kachcha-lagoon. Low lying area	Operational
39	M/s Ganga Dairy Ltd, Ramjanpur, Begusarai	Milk Processing and Dairy plants	Milk processing Cap. 96 KLD.	200	09.01.2014	30.09.2015	ETP not installed.	On land in kachcha pond outside the premises.	Proposed Closure Direction issued for compliance of the directions.
40	M/s Trihut Dugdh Utpadak Sangh Ltd. Muz. Dairy, Kolhua Paigambarpur, Muz.-843108	Milk Processing and Dairy plants	Milk processing Cap. 100KLD	200	20.09.2018	31.03.2023	ETP installed based on anaerobic followed by aerobic system.	Discharge on land inside premises.	Operational
41	M/s Anuj Dairy Pvt. Ltd. Ind. area, Hajipur, Vaishali	Milk Processing and Dairy plants	Milk processing Cap. 100 KLD and Milk products.	200	27.12.2018	31.12.2023	ETP installed based on anaerobic followed by aerobic system and activated carbon filter.	Discharge into industrial area drain. Low lying area	Operational
42	M/s VPDUSS Ltd. Unit-Milk Chilling Centre, Industrial Area, Hajipur, Vaishali	Milk Processing and Dairy plants	Milk Chilling & pasteurization-250 KLD	500	14.08.2017	31.12.2020	ETP comprises fat removal tank, aeration tank and settling tank.	Discharge into industrial area drain. Low lying area	Operational

43	M/s ITC Ltd. Dairy Plant, Sitakund Industrial Area, Nandalpur, Benigir, Basudeopur,	Milk Processing and Dairy plants	Milk processing Cap. 200 KLD	400	30.07.2018	31.12.2022	ETP installed. Consisting of equalization tank, Primary clarifier, up flow anaerobic sludge blanket reactor (UASBR), aeration	Treated effluent is used for gardening purposes. Land	Operational
44	M/s Barauni Oil Refinery, IOC Ltd. Barauni, Dist.- Begusarai.	Oil Refinery (Mineral oil or Petrol Refineries)	Petroleum refined oil 6 MMTPA	16000	17.03.2016	31.12.2018	The unit has an ETP for separation of oil followed by Biological Treatment in BTP. The treated effluent is reused in fire-fighting, coke cutting etc. maintaining Zero Liquid	ZLD	Operational.
45	M/s Hindustan Coca-Cola Beverages Pvt. Ltd., E-1, Industrial Area Patliputra, Dist.- Patna- 13	Food & Beverages (Alcoholic and non-alcoholic)	Beverages-400 Bottle/min, 200ml-300ml, bottle/24h. 220 days of operation in a year	100	25.04.2016	31.12.2018	ETP based on activated sludge process followed by activated carbon filtration. Treated effluent is discharged into industrial area drain.	Industrial Area Drain	Operational
46	M/s Lumbni Beverages Pvt. Ltd., Ind. Area, Hajipur, Vaishali	Food & Beverages (Alcoholic and non-alcoholic)	Soft drink 600BPM and packaged drinking water 60BMP	1000	30.10.2017	30.06.2021	ETP installed.	Low lying area	Unit is closed from own level.
47	M/s Suman Agritech Pvt. Ltd., Sakaddi, Kulharia, Bhojpur	Refined oil and Vanaspati	Refined oil (Soaya/ Palm)- 500 TPD, Vanaspati oil-100 TPD and Bakery	150	13.06.2016	31.12.2018	ETP based on Activated Sludge Process followed by further treatment (Capacity 170 KLD)	Sone Rive	Unit is closed from own level.
48	M/s ITC Ltd. (Tobacco Division), Basudeopur, Munger-811202	Others (Tobacco Product)	Cigarette	10	26.10.2016	31.12.2018	ETP based on activated sludge process.	Zero Liquid discharge (ZLD). ITC drain dry	Operational

बिहार सरकार
पर्यावरण, वन एवं जलवायु परिवर्तन विभाग,
अधिसूचना

पटना-15, दिनांक-12.06.2019

संख्या:-पर्या०/वन(मु०)-09/2019-689 (ई०)/प०व०, बिहार राज्य में पर्यावरण संरक्षण तथा प्रदूषण नियंत्रण कार्यक्रमों के सफल निष्पादन तथा पर्यावरण संबंधी नियमों के प्रवर्तन एवं विभिन्न विभागों/संस्थाओं के मध्य समन्वय हेतु राज्य स्तरीय सलाहकार समिति का गठन निम्नवत् किया जाता है :-

1	मुख्य सचिव, बिहार	अध्यक्ष
2	विकास आयुक्त, बिहार	उपाध्यक्ष
3	अपर मुख्य सचिव/प्रधान सचिव, उद्योग विभाग	सदस्य
4	प्रधान सचिव, नगर विकास एवं आवास विभाग	सदस्य
5	प्रधान सचिव, पथ निर्माण विभाग	सदस्य
6	प्रधान सचिव, स्वास्थ्य विभाग	सदस्य
7	प्रधान सचिव, भवन निर्माण विभाग	सदस्य
8	प्रधान सचिव, कृषि विभाग	सदस्य
9	प्रधान सचिव/सचिव, ग्रामीण विकास विभाग	सदस्य
10	प्रधान सचिव, पर्यावरण, वन एवं जलवायु परिवर्तन विभाग	सदस्य
11	प्रधान सचिव, खान एवं भूतत्व विभाग	सदस्य
12	प्रधान सचिव/सचिव, परिवहन विभाग	सदस्य
13	सचिव, पशुपालन एवं मत्स्य संसाधन विभाग	सदस्य
14	प्रधान मुख्य वन संरक्षक	सदस्य
15	अपर सचिव, पर्यावरण, वन एवं जलवायु परिवर्तन विभाग	सदस्य सचिव
16	सदस्य सचिव, बिहार राज्य प्रदूषण नियंत्रण पंषद्	सदस्य

राज्य स्तरीय सलाहकार समिति का कर्तव्य निम्नांकित होगा :-

1. पर्यावरण संरक्षण एवं प्रदूषण नियंत्रण हेतु सहनयोग्य विकास के लिए निर्धारित सिद्धांतों के आधार पर नीति निर्धारण तथा आवश्यक सलाह एवं दिशा-निर्देश देना।
2. पर्यावरण संरक्षण एवं प्रदूषण नियंत्रण हेतु जारी निदेशों के प्रभावी कार्यान्वयन हेतु विभिन्न विभागों, प्रतिष्ठानों, संगठनों/संस्थानों के बीच समन्वय स्थापित करना।
3. जल, वायु एवं ध्वनि प्रदूषण के निवारण एवं नियंत्रण तथा राज्य में विभिन्न प्रकार के अपशिष्टों के बेहतर प्रबंधन को सुनिश्चित करने हेतु वर्तमान अधिनियमों/नियमावलियों के कार्यान्वयन में उत्पन्न कठिनाईयों का निराकरण करना तथा आवश्यकतानुसार अन्य नियमों/नियमावलियों के तैयार करने हेतु मार्गदर्शन देना।

बिहार राज्यपाल के आदेश से
ह०/-

(दीपक कुमार सिंह)
सरकार के प्रधान सचिव

ज्ञापांक :-पर्या०/वन(मु०)-09/2019...../प०व०ज०प०, पटना-15, दिनांक.....

प्रतिलिपि:-अवर सचिव, ई० गजट कोषांग, वित्त विभाग, बिहार को (सी०डी० एवं हार्ड कॉपी सहित) बिहार राजपत्र के अगामी असाधारण अंक में सर्वसाधारण की जानकारी हेतु प्रकाशनार्थ।

2. इसकी 500 (पाँच सौ) मुद्रित प्रतियों पर्यावरण, वन एवं जलवायु परिवर्तन विभाग को उपलब्ध करायी जाय।

ह०/-

(कमलजीत सिंह)

वन संरक्षक-सह-अपर सचिव

ज्ञापांक :-पर्या०/वन(मु०)-09/2019...../प०व०ज०प०, पटना-15, दिनांक.....

प्रतिलिपि:-महामहिम राज्यपाल के सचिव/माननीय मुख्यमंत्री के प्रधान सचिव/महाधिवक्ता, बिहार, पटना/मुख्य सचिव, बिहार/विकास आयुक्त, बिहार/समिति के अध्यक्ष एवं सभी सदस्यों/सभी विभागीय अपर मुख्य सचिव/प्रधान सचिव/सभी सचिव/सभी विभागाध्यक्ष/सभी प्रमंडलीय आयुक्त/सभी जिलाधिकारी/अध्यक्ष, बिहार राज्य प्रदूषण नियंत्रण पर्वद्/सदस्य सचिव, बिहार राज्य प्रदूषण नियंत्रण पर्वद्/माननीय उप मुख्य (पर्यावरण, वन एवं जलवायु परिवर्तन) मंत्री के आप्त सचिव/प्रधान सचिव के आप्त सचिव, पर्यावरण, वन एवं जलवायु परिवर्तन विभाग/विभाग के सभी पदाधिकारी को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

ह०/-

(कमलजीत सिंह)

वन संरक्षक-सह-अपर सचिव

ज्ञापांक :- पर्या०/वन(मु०)-09/2019.689(87) प०व०ज०प०, पटना-15, दिनांक.12/06/19....

प्रतिलिपि:-आई०टी० मैनेजर, पर्यावरण, वन एवं जलवायु परिवर्तन विभाग को विभागीय वेबसाईट पर अविलम्ब अपलोड करने हेतु प्रेषित।

(कमलजीत सिंह)

वन संरक्षक-सह-अपर सचिव

24/10/19

बिहार सरकार
खान एवं भूतत्व विभाग

सं०सं०-2/एम० एम० (बा०) 05/19-3638/एम०, पटना, दिनांक-24/10/19
प्रेषक,

E-mail/
Fax

10 229
24/10/19

अरुण प्रकाश, भा० प्र० से०,
अपर सचिव-सह-निदेशक।

सेवा में,

प्रधान सचिव-सह-परियोजना निदेशक,
बी०जी०सी०एम०एस०,
नगर विकास एवं आवास विभाग,
बिहार, पटना



SR m4
24/10/19

विषय:- माननीय NGT नई दिल्ली में दायर O.A No.-200/2014 एम०सी० मेहता बनाम भारत संघ एव अन्य के संबंध में दिनांक-07.08.2019 को पारित आदेश के अनुपालन के संबंध में।

प्रसंग:- भवदीय पत्रांक-826, दिनांक-26.09.2019
महाशय,

उपर्युक्त विषयक संबंध में निदेशानुसार कहना है कि पंचांग वर्ष 2015-19 के लिये राज्यान्तर्गत बालूघाटों की बंदोबस्ती की गई है तथा बंदोबस्तधारी सक्षम प्राधिकार से निर्गत पर्यावरणीय स्वीकृति के दिशानिदेशों, Sustainable Sand Mining Management Guidelines 2016 में वर्णित प्रावधानों का अनुपालन करते हुए खनन कार्य कर रहे हैं।

कृपया सादर सूचनार्थ।
24/10/19

विश्वासभाजन
अपर सचिव-सह-निदेशक



1356
31/10/19



बिहार शहरी आधारभूत संरचना विकास निगम लि०, पटना
Bihar Urban Infrastructure Development Corporation Ltd.

(A Govt. of Bihar Undertaking)

Near Rajapur Pul, West Boring Canal Road, Patna-800001

Ph. No.: -0612-2506213, 2506109, 2506208, Email id- mdbuidco@gmail.com, Website : http://buidco.in

सं/No.: VIV/14h-295/19-5992

Date- 25/11/19

11.224 सेवा में,
25/11/19

विशेष सचिव,
नगर विकास एवं आवास विभाग,
बिहार सरकार, पटना।

AD (L. Jha)

S D M U
26-11-19

Adil Azeem

26/11/19

विषय: माननीय NGT के OA No. 200/2014 मामले में दिनांक-07.08.2019 को पारित आदेश के अनुपालन के क्रम में कार्य-योजना (Action-Plan) समर्पित करने के संबंध में।

प्रसंग: नगर विकास एवं आवास विभाग का पत्रांक-BGCMS/2017/AP of SWM & SM for NGT/21 (Part-II-B)-946, दिनांक-20.11.2019

महाशय,

उपर्युक्त विषय के संबंध में कहना है कि माननीय NGT के OA No. 200/2014 मामले में दिनांक-07.08.2019 को पारित आदेश के अनुपालन के क्रम में कार्य-योजना (Action-Plan) का प्रतिवेदन इस पत्र के साथ संलग्न कर अग्रेंतर कार्रवाई हेतु भेजी जा रही है।

अनुलग्नक: यथोक्त।

975/55
25/11/19

विश्वासभाजन,

25/11/19

मुख्य अभियंता,

आयोजन, निरूपण एवं अनुश्रवण
बुडको, पटना।

Compliance report for tapping of drains and other remedial steps for preventing pollution of River Ganga.

1. Completed, under construction and under process STP projects

SI No.	City/Town and sewerage generation	Under construction STP projects								Under tendering/process STP projects					
		STPs under construction	Capacity of under construction STP	Targeted date of completion of STP projects	Status of interception and diversion points for respective STP	Funding agency/responsible State Govt. Deptt.	Physical progress of the work done so far	Drains covered/tapped by operational STP	Any bioremediation/phytoremediation proposed till commission of STP and date of start of project	STP	Capacity of STP	Targeted date of start of work and completion of work	Funding agency/responsible State Govt. Deptt.	Drains covered/tapped by operational STP	Any bioremediation/phytoremediation proposed till commission of STP and date of start of project
1.	Patna	Beur Sewerage Project	43 MLD	To be completed by Dec 2019	House to house connection in sewerage network	External Aided Project (Gol+GoB)	98.20 %	Once all proposed 6 number of STPs with network system will be commissioned, no sewage discharge takes place in following listed drains in Patna municipal area	Tender was floated. Till the last date of bid submission. Five bids have been received. Technical Evaluation under progress	Digha Sewerage Project	100 MLD	LoA issued	External Aided Project (Gol+GoB)	Once all proposed 6 number of STPs with network system will be commissioned, no sewage discharge takes place in following listed drains in Patna municipal area - Kali ghat, Anta ghat, Ranighat, Dighaghatnala, Kurzinala, Bansghatnala, Mandirinala, Gosaighatnala, Balughatnala, Rajapur, Mandiri(bansghatnala), Krishna GhatNala, BarharwaGhatNala, GhaghaGhatNala, Masjid GhatNala, LoharwaGhatNala	Tender was floated. Till the last date of bid submission. Five bids have been received. Technical Evaluation under progress
2.	Patna	Karmalichak Sewerage Project	37 MLD	Project Completed. Commissioning under progress	House to house connection in sewerage network	External Aided Project (Gol+GoB)	100%	- Kali ghat, Anta ghat, Ranighat, Dighaghatnala, Kurzinala, Bansghatnala, MandirinalaG		Kankarbagh Sewerage Project	50MLD	LoA issued	External Aided Project (Gol+GoB)		

								osaighatnala, Balughatnala, Rajapur, Mandiri(bans ghatnala), Krishna GhatNala, BarharwaGhatNala,						BhadraGhatNala, NauzarGhatNala, MittanGhatNala, Gay GhatNala, BadshahiNala, MahavirGhatNala	
3.	Patna	Saidpur Sewerage Project	60 MLD	05April,2020	House to house connection in sewerage network	External Aided Project (Gol+GoB	86.17 %	GhaghaGhat Nala, Masjid GhatNala, LoharwaGhat Nala, BhadraGhatNala, NauzarGhatNala, MittanGhatNala, Gay GhatNala, BadshahiNala,							
4.	Patna	Pahari Sewerage Project	60 MLD	08Nov,2020	House to house connection in sewerage network	External Aided Project (Gol+GoB	29%	MahavirGhat Nala							
5.	Patna								Phulwari I&D and STP capacity	13 MLD	Only one bid was received . Re-tender was floated. Again only one bid received , technical evaluation under progress	NMCG (Gol)	KhagaolAasiyana Over bridge crossing Nalla, IssopurRaichowknalla, Mitramandal Colony Nalla, Birla Colony Nala A, Birla Colony Nala B		

6.	Danapur									Danapur I&D and STP capacity	25 MLD	Only one bid was received. Re-tender was floated. Again only one bid received. Technical evaluation under progress.	NMCG (Gol)	Danapur Cant Nala	
7.	Mokama	Mokama I&D and STP capacity	8 MLD	03 Mar, 2021	Work under progress	NMCG (Gol)	Site survey completed and design, drawing is under preparation.	TapaswiGhat Nala, ChaudhryGhat, Pipaltal, Kamleshwari AsthanNala, SidhnathMandir	Tender was floated. Five bids received. Technical evaluation under progress						
8.	Barh	Barh I&D and STP capacity	11 MLD	21 April, 2020	Work under progress	NMCG (Gol)	Construction of SBR tank under progress.	Pipal Ghat Nala, Shalimpur Nala, Malina Ghat Nala Ward no. 11 Salempur Barh, Dhobiya Ghat, Laxmi flour mill, Gaurishankar Ghat, Talimpur Nala, Dayachak Nala	Tender was floated. Five bids received. Technical evaluation under progress						

13.	Chhapra									Chhapra I&D and STP capacity	32M LD	Under approval from BUIDC o board	NMCG (Gol)	KhanuaNala	Tender was floated. Five bids received. Technical evaluation under progress
14.	Bhagalpur									Bhagalpur I&D and STP capacity	45M LD	Bid evaluation is under process	External Aided Project (Gol+GoB)	AdampurNala, HathiyaNala near intekwell, SurkhilalNala, SakhichandNala, BarariGhatNala near Vikramshila bridge, Neel KothiNala, PipallidhamNala - 1, PipallidhamNala - 2, KuppaGhat, KoyalGhat, HathiyaNala, near Tilkamanjhi, S.T.P Nala Bhagalpur, ShahebganjMiyabariNala, ChampaNala -1, ChampaNala -2	Tender was floated. Five bids received. Technical evaluation under progress
15	Sultanganj	Sultanganj I&D and STP capacity	10 MLD	16Feb,2020	Work under progress	NMCG	Boundary wall work started	Masjid GhatNala, VishariAsthan GhatNala (1st), VishariAsthan GhatNala (2nd), JahajGhatNala,	Tender was floated. Five bids received. Technical evaluation under progress						

								KrishngarhBh attagaliNala, New SidhiGhatNal a nearby masjid, New SidhiGhatNal a							
1 6.	Naugachi a	Naugac hia I&D and STP capacity	9 MLD	22April,202 0	Work under progress	NMCG (Gol)	Design and drawin g of STP compo nent is under progre ss as STP land NOC is receiv ed on 27/09/ 19.	New bastiNala, Maa Tara BhawanNala, Ward no. -08 Nala, Station road Nala (1), Station road Nala (2), DurgaAsthan Nala, Ward no. -03 Nala, Milan ChawkNala, Ward no. – 09 Nala, Noniyapatti, ward no. -20 Nala, Musharpatti, ward no- 13 Nala, Rajendra Colony, ward no- 05 Nala, Nagar Panchyatkary alayakebagal me ward no- 16, Hardiyapatti,	Tender was floated. Five bids received. Technical evaluatio n under progress						

								ward no- 21 Nala, Hero Honda showroom kebagal me ward no- 21 Nala							
17.	Khagaria									Khagaria I&D and STP capacity	4.5 MLD	One bid has been received	NMCG (Gol)	Daannagar By-Pass Nala, P.W High school Nala	Tender was floated. Five bids received. Technical evaluation under progress
18.	Hajipur									Hajipur (Gandak river)	22 MLD	Tender floated	Gol+GoB	Subhaschowknala	Tender was floated. Five bids received. Technical evaluation under progress
19.	Munger									Munger Sewerage Project	30 MLD	Tender floated	External Aided Project (Gol+GoB)	LalDarwajaNala	Tender was floated. Five bids received. Technical evaluation under progress
20.	Begusarai									Begusarai Sewerage Project	17 MLD	Tender floated	External Aided Project (Gol+GoB)	Pokharianala	Tender was floated. Five bids received. Technical evaluation under progress

		MahavirGhatNala	0.04		connection is proposed and all these drains will be covered.															
		BaluGhatNala	0.04																	
		Rajapur	128.00																	
		MandiriNala	148.00																	
		Anta GhatNala	24.70																	
		Kali GhatNala																		
2.	Phulwari	KhagaolAasiyana Over bridge crossing Nalla	21.70	Ganga	I&D and STP capacity 13 MLD															
		IssopurRaichowknalla	3.86																	
		Mitramandal Colony Nalla	6.36																	
		Birla Colony Nala A	0.80																	
		Birla Colony Nala B	1.33																	
3.	Maner Nagar	Maner bazar Nala	3.55	Ganga	I&D and STP capacity 6.5 MLD															
		Ram Nagina Singh College Nala	7.59																	
		Ram GhatNala	2.36																	
4.	Danapur Nagar	Danapur Cant Nala	8.16	Ganga	I&D and STP capacity 25 MLD															
5.	Bakhtiyarpur	RaghopurDagarNala	4.30	Ganga	I&D and STP capacity 10 MLD															
6.	Barh	PipalGhatNala	0.48	Ganga	I&D and STP capacity 11 MLD															
		ShalimpurNala	0.55																	
		MalinaGhatNala Ward no. 11 SalempurBarh	0.84																	
		DhobiyaGhat, Laxmi flour mill	0.25																	
		GaurishankarGhat	1.09																	
		TalimpurNala	1.69																	
		DayachakNala	4.24																	
7.	Mokama	TapaswiGhatNala	6.02	Ganga	I&D and STP capacity 8 MLD															
		ChaudhryGhat, Pipaltal	0.17																	
		KamleshwariAsthanNala	0.96																	
		SidhnathMandir	0.02																	
8.	Munger	Laldarwajanala	21.50		Munger Sewerage Project															
9.	Sultanganj	Masjid GhatNala	1.70	Ganga	I&D and STP capacity 10 MLD															
		VishariAsthanGhatNala (1st)																		
		VishariAsthanGhatNala																		

		Nala													
		Hero Honda showroom kebagal me ward no- 21 Nala													
12.	Khagaria	Daannagar By-Pass Nala	6.99	Ganga	I&D and STP capacity 4.5 MLD										
		P.W High school Nala	3.50												
13.	Sonepur	BarwattaNala	0.50	Ganga	I&D and STP capacity 3.5 MLD										
14.	Chhapra	KhanuaNala	4.87	Ganga	I&D and STP capacity 32 MLD										
15.	Fatuha	Kali GhatSamaspur	0.72	Punpun	I&D and STP capacity 7 MLD										
		MaksudpurNala (East)	0.37												
		MaksudpurNala (West)	1.10												
		KataiyaGhat	0.64												
		DevantiGhat	2.30												
		MastanaGhat	1.14												
		BankipurGhorkakNala	2.95												
16.	Buxar	Nath baba Nala (Cannal)	4.23	Ganga	Buxar Sewerage Project with STP capacity 16MLD										
		TadkaNala	8.23												
		Sati gaht	6.29												
		SidhnathNala (Hospital Nala)	3.82												
		SaripurNala	5.87												
		Bangla GhatNala	1.80												
		SohanipattiNala	1.31												
17.	Barahiya						KrishnC hawkNa la		Ganga	I&D work and STP has sanctioned by NMCG, AA&ES yet to issued	RFP prepara tion under progress				
							Baba DaniMo hallaNal a								
							Bangalk unjtaal Nala								
							Bah Path								

18.	Jamalpur						Nala		Ganga	I&D work and STP is proposed- DPR has been prepared		
							RamnagarNalla					
							LaxmipurnNalla					
							AashikpurNalla					
19.	Kahalgaon						FaridapurNalla		Ganga	I&D work and STP has sanctioned by NMCG, AA&ES yet to issued	RFP preparation under progresses	
							KagaliNala	2.23				
							L.C.T Nala	----				
							AsamsanGhatNala	1.6				
							Pampunala	1.40				
							BadshahiNala	----				
20.	Hazipur	SubhashChowkNala		Ganga	Hazipur Sewerage Project with with STP capacity 22MLD							
21.	Begusarai	PokhariyaNalaMohammadpur Jail kenajdik		Ganga	Begusarai Sewerage Project with with STP capacity 17MLD							
22.	Dighwara						Bagahin gtola		Ganga	I&D work and STP is proposed- DPR has been prepared		
							Marchav Baba Mandir					
							UMV Nala					
							Post office road					
							Market					

							Area						
							R. Primary school						
							Barbana						
							M.S Basadpur						
23.	Teghra						Teghra Chowk		Ganga	I&D work and STP is proposed-			
24.	Manihari						Pirpatra Nala		Ganga	DPR has been prepared			
							Primari Health School Nalla						
25.	Raxul						Drain at Naga Road	6.03	Sirsa	DPR preparation is under process			
							Drain at Chhatriy aghat	3.10					
							Drain at Custom check post bridge	5.76					
26.	Narkatiganj						Near Power grid of sugar mill	6.74	Sikrahana	DPR preparation is under process			
							Dhoom Nagar Mandir drain	4.22					
27.	Jogbani						Khajur Bari Drain	2.96	Parmar	DPR preparation is under process			
							Islampur Drain	1.40					
							Haji	0.50					

							Mohalla Drain						
							IdgahChawk	0.70					
28.	Ram Nagar(Hari Nagar)						Mukhya Bazar Near Fish Market	10.74	Ramrekha	DPR preparation is under process			
							Chatiya Ghat drain (West)	11.72					
							Chatiya Ghat drain (East)	1.07					
							Mill Quarter Drain	3.46					

Action plan for Septage Management Under Amrut

Under AMRUT Scheme one Feecal Sludge & Septage Management (FSSM) project at Katihar has been approved by SHPSC, details are given below:-

SAAP III Year 2017-18											
S. No.	Name of ULB	Approved Cost in lac by APEX Committee	Approved Cost by SHPSC/SLTC Values in Lac			LoA Amount/ Agreement Amount			Date of TA of DPR by SLTC	Date of AA of DPR by SHPSC	Remarks
			Capital Cost	O/M Cost	Total	Capital Cost	O/M Cost	Total			
1	Katihar	3774	188.7	66.85	255.55	0	0	0.00	10.08.2018	31.08.2018	Identification of Land by ULB is under progress
Total		3774	188.7	66.85	255.55	0	0	0			

बिहार सरकार
उद्योग निदेशालय
उद्योग विभाग, बिहार, पटना।

पत्र संख्या- 4542 /पटना, दिनांक 26.11.19
सं0सं0-02/उ0नि0 /गंगा नदी संरक्षण (बैठक) 14-28/2019

प्रेषक,

उद्योग निदेशक
बिहार, पटना।

सेवा में,

संजय कुमार
विशेष सचिव,
नगर विकास एवं आवास विभाग
बिहार, पटना।

श्री राजीव / श्री राजीव
26/11/19

विषय:-

Rain Water Harvesting System एवं गंगा नदी के प्रदूषण को रोकने हेतु
Effluent/Drain इत्यादी बिना Treatment के नहीं डालने संबंधित प्रतिवेदन।

प्रसंग:-
महाशय,

नगर विकास एवं आवास विभाग, बिहार, पटना का पत्रांक 946 दिनांक 20.11.19

उपर्युक्त विषयक आपके पत्रांक 946 दिनांक 20.11.19 के संबंध में कहना है कि बिहार राज्य में कुल 52 औद्योगिक क्षेत्र के कलस्टर है। बिहार राज्य औद्योगिक विकास प्राधिकार, पटना (बियाडा) द्वारा सभी औद्योगिक क्षेत्रों में कॉमन इफ्लुएण्ट ट्रीटमेंट प्लांट स्थापित करने का प्रस्ताव है जिसमें 05 का डी0पी0आर0 बियाडा द्वारा तैयार कराया गया है तथा टेन्डर की प्रक्रिया की जा रही है। इसका उद्देश्य यह है कि किसी भी औद्योगिक क्षेत्र से बिना ट्रीटमेंट के कोई भी Effluent का पानी नहीं निकाला जाय, जिससे कि गंगा नदी में प्रदूषण नहीं हो सके। सुलभ प्रसंग हेतु इससे संबंधित बियाडा का प्रतिवेदन भी संलग्न है।
अनु0-यथोक्त।

विश्वासभाजन,

उद्योग निदेशक
बिहार, पटना।

1450
26/11/2019

CETP Progress Report

The following progress in setting up of Common Effluent Treatment Plants (CETPs in short) in Industrial Areas in the State of Bihar till 25th November 2019 as the deadline is February 2020: -

Identification of Industrial Areas in 1st phase for setting up of CETPs: -

- (i) Out of the 52 industrial areas within the administrative control and under the jurisdiction of BIADA for installation of CETPs, five Industrial Areas have been identified and they are: -
- a. Fathua (District: Patna);
 - b. Hajipur (District: Vaishali);
 - c. Bela, Muzaffarpur,
 - d. Barari Bhagalpur (District: Bhagalpur), and
 - e. Patliputra (District: Patna).
- (ii) The above identification of Industrial Areas for establishing CETPs in 1st Phase was carried out in view of their location in *Ganga Basin* where there is need on priority basis to set up the same and other industrial areas have been placed in 2nd Phase onwards as the case may be depending upon the number of units and nature of industries.

Securing land in five industrial area for 1st Phase: -

- (iii) Out of the above five industrial areas, for four industrial area excluding Patliputra Industrial Area, proposed land for setting up of the CETPs have been duly identified and well secured and there is no issue at all for installing and in setting up of the CETPs in these areas.
- (iv) Insofar as Patliputra Industrial Area is concerned the identified available flat land is slightly short in area required for setting up of CETPs as per prevailing technology.

Special Provision and technology for Patliputra Industrial Area: -


Assistant Engineer
Biada, Patna


Executive Engineer
BIADA, Patna

- (v) Insofar as Patliputra Industrial Area in Patna District is concerned since the land was found short to install CETP as per the prevailing technology, Bhabha Atomic Research Centre (BARC in short) which has got expertise in setting up of CETP plant in small area, was contacted by the BIADA for their expertise with a view to get the work done through BARC.
- (vi) Accordingly, after carrying out detail examination and studies, BARC has suggested that on 1280 Square Meter of Land (which is available with BIADA), CETP can be set up and in that process they have carried out their inspections also on 14.07.2019 and 16.09.2019 and they are in the midst of preparing their Detail Project Report and it is expected that shortly BIADA would receive the same and BIADA is diligently pursuing the matter with the BARC.

Efforts taken by BIADA to find out and select firm/company/consultant to set up and install CETPs: -

- (vii) In order to set up the CETPs plants in above five industrial areas in 1st Phase, efforts were made seriously by the BIADA to find Agency/Companies/Firms which can set up the CETPs.
- (viii) On 6.12.2018, Expression of Interest was published by the BIADA in different newspaper which was responded to only by *two bidders* who submitted their technical bids successfully and their technical bids were accepted also, however, they did not opt to submit any financial bid and consequentially the process was abandoned.
- (ix) Later, on 25.06.2019, again a tender was published through e-procurement in various newspapers, however, not a single bidder responded despite flexibility in the process.
- (x) Third attempt was made on 9.9.2019 by publishing yet another tender and on 25.09.2019 a pre bid meeting was also held and last date is on


Assistant Engineer
Biada, Patna


Executive Engineer
BIADA, Patna

21.10.2019. not a single bidder responded despite flexibility in the process.

- (xi) In the meanwhile, seeing poor response by any private or government agency, neighboring States like Jharkhand, Orissa, West Bengal and Uttar Pradesh have been contacted to suggest for expeditious setting up of CETPs in the 1st Phase through their agencies;
- (xii) Simultaneously, MACON, BAPCOPS and NBCC have also been requested to consider the proposal;
- (xiii) In case, no agency opts to set up CETPs, after high level government's approval, private agency will be contacted on individual basis and consulted for setting up of the CETPs.
- (xiv) The Detail Project Report (DPR) of the CETP was based on the SOR 2016 and as per the Consultants the rate was fixed at Rs. 12146.16 Lakhs on 30.08.2019 which is quite reasonable, yet, no firm or agency is showing keen interest in responding to the tender;

Awareness amongst industrialists/entrepreneurs being stake holders: -

- (xv) In the meantime, the industrialist and entrepreneurs operating the Units in the above five industrial areas, they were also taken in confidence with the proposal of the BIADA for setting up of CETPs in these industrial areas and in this regard extensive and exhaustive consultative meetings were held with them on 9.9.2019 and awareness program was carried out as per the guidelines of the Hon'ble National Green Tribunal.
- (xvi) There is no serious disagreement on the setting up of CETPs in the Industrial Area as they same is the legal obligation and the Units are also bound by pollution law to cooperate in the same;


Assistant Engineer
Biada, Patna


Executive Engineer
BIADA, Patna

- (xvii) In fact, SPV (Special Purpose Vehicle) to smoothly implement the project is also under process of constitution comprising of the stake holders in four industrial areas of 1st phase.

2nd phase CETPs installation: -

- (xviii) 18 Industrial Areas have been identified to be taken in 2nd phase and for preparation of DPR, as per government's policy, National Institute of Technology and Indian Institute of Technology, Patna were contacted and a request was made to get the same done, however, they did not take up the task.
- (xix) Accordingly, notice inviting tender was published in newspaper inviting consultants in the field to apply for preparation of DPRs. Two agency participated in NIT on dated 11.11.2019.
- (xx) For the remaining twenty-nine industrial areas, pre-feasibility report is being prepared and for the same study is being carried out by the in house consultants and experts of BIADA.
- (xxi) Pre bid meeting for Installation of CETP held on dated 19.11.2019 at Patna and on 20.11.2019 at Delhi


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Sl No	Name of Industrial Areas	Area In Acre	No of Units	No of Working Units	Water Discharge(No of unit)	No of ETP Installed
1	Industrial Area Patliputra	104.14	128	92	14	2
2	Industrial Area Fathua	299.90	180	91	7	1
3	Industrial Area Biharsarif	10.60	49	33	4	0
4	Industrial Area Nawada	15.60	26	8	0	0
5	Industrial Area Jehanabad	6.15	13	5	0	0
6	Industrial Area Gaya	31.83	33	21	0	0
7	G.C Aurangabad	233.62	61	38	0	0
8	Industrial Area Dehri on Sone	98.85	44	23	23	1
9	Industrial Area Barun	12.46	6	2	0	0
10	Industrial Area Bikram Ganj	3.00	8	6	0	0
11	I/E Aurangabad	26.09	34	9	8	5
12	G.C Giddha	229.65	103	58	1	1
13	Industrial Area Buxer	50.22	110	52	0	0
14	Industrial Area Bihiya	86.40	38	21	0	0
15	Industrial Area Bihta	102.22	3	2	0	0
16	Industrial Area Sikander pur	299.85	7	0	0	0
17	Mega Park Bihta	868.51	14	13	5	5
18	Industrial Area Kopakala	42.00	1	1	1	1
19	Industrial Area Hajipur	169.13	144	112	6	6
20	EPIP Hajipur	94.00	33	28	9	10
21	Industrial Area Muzaffarpur	379.53	297	210	15	5
22	Industrial Estate Muzaffarpur				10	10
23	Industrial Area Samastipur	47.77	50	36	11	3
24	Industrial Area Sitamarhi	47.00	72	49	0	0
25	Industrial Area Kumarbagh	452.52	50	32	1	1
26	Industrial Area Betiah	100.00	99	66		
27	Industrial Area Ram Nager	13.00	14	11		
28	Industrial Area Raxaul	13.69	26	16		


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29	Industrial Area Donar	100.89	103	69	8	1
30	Industrial Area Bela Darbhanga	14.80	60	44.00	7	0
31	Industrial Area Dharampur	9.35	41	30	3	0
32	Industrial Area Pandaul	100.00	61	33.00	9	1
33	Industrial Area Jhanjharpur	14.94	20	11	0	0
34	Industrial Area Baruni	193.67	159	118	3	3
35	G.C. Begusarai		0		0	0
36	large Industrial Area Barari Bhagalpur	51.35	101	69	7	2
37	Industrial Area Lakhsarai	8.00	155	20	0	0
38	Industrial Estate Munger	7.80	42	32	0	0
39	Industrial Area Sitakund	14.00		3	1	1
40	Industrial Area Jamalpur	24.00	7	3	0	0
41	Growth Centre Maranga Purniea.	251.55	140	100	26	2
42	Industrial Area Purnieacity.	26.84	28	17	0	0
43	Industrial Area Forbisganj.	85.81	31	21	3	0
44	Industrial Estate Katihar.	24.31	37	30	0	0
45	Mega Food Park Khagaria.	98.23				
46	Industrial Estate Khagra Kisanganj.	4.00	0		0	0
47	Industrial Area Bheriadangi Kisanganj	48.40	5	2	0	0
48	Industrial Area Supaul	70.00	0		0	
49	Industrial Area Sharsha	6.56	23	17		
50	Industrial Area Murli Ganj	5.00	10	9	0	0
51	Industrial Area Uda Kishan Ganj	14.35	5	5	0	0


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पर्यावरण वन एवं जलवायु परिवर्तन विभाग
“हरियाली मिशन”

कार्यालय : मुख्य वन संरक्षक-सह-निदेशक, हरियाली मिशन, बिहार।
तृतीय तल, अरण्य भवन, राईडिंग रोड, शेखपुरा, पटना-800014 E-mail: ccflm-bih@gov.in Web: http://www.forest.bih.nic.in

पत्रांक : 625 , पटना, दिनांक: 13.11.2019

प्रेषक,

कुन्दन कुमार, भा.व.से.
मुख्य वन संरक्षक-सह-निदेशक,
हरियाली मिशन, बिहार, पटना।

सेवा में,

विशेष सचिव,
बिहार राज्य गंगा नदी संरक्षण कार्यक्रम प्रबंधन सोसाइटी (BGCMS),
नगर विकास एवं आवास विभाग,
बिहार, पटना।

विषय :- माननीय NGT नई दिल्ली, में दायर O.A. No. 200/2014 एम.सी. मेहता बनाम भारत
संघ एवं अन्य के संबंध में दिनांक-07.08.2019 को पारित आदेश के अनुपालन के
संबंध में।

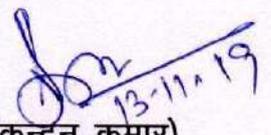
प्रसंग :- नगर विकास एवं आवास विभाग का पत्रांक-BGCMS/2017/नमामि गंगे/53(Part-
2)827/न.वि. एवं आ.वि., पटना दिनांक-26.09.2019 तथा आपका ई-मेल
दिनांक-09.11.2019

महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र के क्रम में वृक्षारोपण से संबंधित अद्यतन प्रगति
प्रतिवेदन हार्ड कॉपी एवं सॉफ्ट कॉपी में संलग्न प्रेषित है।

अनु०-यथोक्त।

विश्वासभाजन,


(कुन्दन कुमार)

मुख्य वन संरक्षक-सह-निदेशक,
हरियाली मिशन, बिहार, पटना।

Physical and Financial Achievement of Forestry Interventions for Ganga (2019-20)

Sr. No.	Financial Year (No. of Plants)	Physical Target (No. of Plants)	Financial target/ Grant Released (in Lakh)	Physical Achievement (No. of Plants)			Financial Achievement (in Lakh)	Remark
				Model	No. of Plants			
3	2019-20	372900	1823.9 Lakh - Grant 911.95 Lakh-Released by NMCG dated 24.10.2019.	Natural Landscape	223844		Rs. 891.95 Lakh	Plantation work is in progress.
			Agriculture Landscape					
			Institutional Plantation					

Note- Scheme for Plantation on River side of flood protection wall in Patna has been sought from the DFO, Patna Forest Division, Patna.