BIHAR STATE POLLUTION CONTROL BOARD

Parivesh Bhawan, Patliputra Industrial Area, P.O.-Sadakat Ashram, Patna–800010

EPABX-0612-2261250/2262265, Fax-0612-2261050

Ref. No. Patna, dated-

From,

S. Chandrasekar, IFS,
Member Secretary.

To,

The Member Secretary,
Central Pollution Control Board,
Parivesh Bhawan, East Arjun Nagar,
Delhi-110032.

Sub:-**Submission of monthly progress report for the month of June, 2021 by State as per orders of the Hon'ble NGT dated-24.09.2020 in O.A. No.673/2018.**

Sir,

Please find herewith the monthly progress report for the month of June, 2021 in compliance with the order of the Hon'ble NGT dated-24.09.2020 in O.A. No.673/2018 for needful action.

Encl: As above.

Yours faithfully,
Sd/-
(S. Chandrasekar)
Member Secretary.

Memo No. 1008 Patna, dated- 30.6.2021

Copy to Sri D.P. Mathuria, Executive Director (Tech.), National Mission for Clean Ganga (NMCG), First Floor, Major Dhyan Chad National Stadium, India Gate, New Delhi-110002 for information and necessary action.

30/6/21
(S. Chandrasekar)
Member Secretary.

National Mission for Clean Ganga
Format for submission of Monthly Progress Report in the NGT Matter OA No. 673 of 2018 (in compliance to NGT order dated 24.09.2020)

For the State of Bihar

Overall status of the State:

I. Total Population: Urban Population & Rural Population separately: **104,099,452**

(Urban Population: 1,17,58,016 (11.29%) & Rural Population : 9,23,41,436 (88.71%) as per the census 2011).

I. Estimated Sewage Generation (MLD): **1100 MLD (Approx.) from urban areas.**

II. **Details of Sewage Treatment Plant:**

- Existing no. of STPs and Treatment Capacity (in MLD): **05 STP, Beur STP (New) (43 MLD), Karmalichak STP (New) (37 MLD), Saidpur STP (New) (60 MLD), Saidpur STP(Old)) (45 MLD) & Pahari STP (Old) (25 MLD) Total 210 MLD.**
- Capacity Utilization of existing STPs: **Beur STP (New) (20 MLD), Karmalichak STP (New) (08 MLD), Saidpur STP (New) (30 MLD), Saidpur STP(Old)) (30 MLD) & Pahari STP (Old) (20 MLD) Total- 108 MLD.**
- MLD of sewage being treated through Alternate technology: **541 MLD,UD&HD, GoB has issued Work Order dated-24.09.2020 to the successful bidder for In-situ treatment through bio-remediation of drains joining Ganga and other polluted rivers for 89 drains. Work has already been started in all 89 drains. Letter of award is in process for 115 drains. Treatment has been discontinued w.e.f. 18.06.2021 due to heavy rain vide UD&HD, GoB., letter no.- BGCMS/2019/Bio-remediation/25 – 237, dated 18.06.2021.**
- Gap in Treatment Capacity in MLD: **1100 – (541 treatment through bio-remediation + 108 treatment through STPs) = 451 MLD.**
- No. of Operational STPs: **05.**
- No. of Complying STPs: **05.**
- No. of Non-complying STPs: **Nil**

Details of each existing STP in the State

No.	Location	Existing STP Capacity	Capacity Being Utilized	Operational Status of STP	Compliance Status of STP
1	**Beur STP (New)**	**43 MLD**	**20 MLD**	**Operational**	Yes
2	**Karmalichak STP(New)**	**37 MLD**	**08 MLD**	**Operational**	Yes
3	**Saidpur STP(New)**	**60 MLD**	**30 MLD**	**Operational**	Yes
4	**Saidpur STP(Old)**	**45 MLD**	**30 MLD**	**Operational**	Yes
5	**Pahari STP (Old)**	**25 MLD**	**20 MLD**	**Operational**	Yes

Sl. No.	**Ongoing Project**	**Progress till 06 April 2021 (%)**	**Progress till 05 June 2021 (%)**	**Incremental Progress (%)**
1	Beur Sewerage Treatment Plant	100	100	Completed
2	Beur Sewerage Network	79.1	81	1.9
3	Saidpur Sewerage Treatment Plant & Adjoining Network	100	100	Completed
4	Saidpur Sewerage Network	72.5	73.71	1.21
5	Karmalichak Sewerage Network	100	100	Completed
6	Karmalichak Sewerage Treatment Plant	72	73.1	1.1
7	Pahari STP Sewerage Treatment Plant	89	92	3
8	Pahari-Zone IV A (S) Sewerage Scheme in Sewerage Zone IV A (South) of Pahari, Patna	99	99.6	0.6

9	Pahari Zone-V Sewerage scheme at Pahari Zone V, Patna	49.57	52.72	3.15
10	Sultanganj I&D works and STP at Sultanganj	70	85	15
11	Barh I&D and STP at Sonepur	77.52	85.27	7.75
12	Naugachhia I&D works and STP at Naugachia	80	85	5
13	Sonepur I&D and STP at Sonepur	74	83	9
14	Mokama I&D works and STP at Mokameh	59	76	17
15	Baktiyarpur I&D and STP at Bakhtiyarpur	12	16	4
16	Maner I&D and STP at Maner	Work Is Not Stated Due To Land Issue	Survey Work Is Completed	-
17	Digha-Zone STP & Sewer Network	1.2	2.2	1
18	Kankarbagh-Zone STP & Sewer Network	-	1	1
19	Begusarai STP & Sewer Network	33	37.5	4.5
20	Chhapra I&D and STP	48.3	58	9.7
21	Fatua I&D and STP	-	-	-
22	Danapur I&D and STP	-	-	-
23	Phulwarisariff I&D and STP	-	-	-
24	Bhagalpur I&D works and STP at Bhagalpur	-	-	-
25	Patna River Front Development of Patna (20 Ghats)	93	93	0

26	Muzaffarpur Development works of Ghats (1 Ghats)	11	13	2
27	Gopalganj Development works of Ghats (2 Ghats)	65.2	94	28.8

Sl. No.	**Tendered Project**	
1	Hajipur STP & Sewer Network	Technical Bid Evaluation completed. Tender committee meeting was held on 22.05.21 & after approval of SPMG, proceeding has been uploded on eproc on 1st June for 7 days . (Earlier contract terminated (Tritech) Status of Previous work done. Physical Progress-27%, Financial Progress -33.74 Cr.)
2	Khagaria I&D and STP	Only one bid found technically qualified. Tender committee decision has been sent to SPMG for approval.
3	MungerSTP & Sewer Network	Technical Bid Evaluation Report was sent to NMCG. NMCG observation dated 04-01-2021 were compiled on 22-01-2021 and compliance sent to NMCG through SPMG. Again NMCG observation alongwith BGCMS letter no - 103, dated - 09.03.2021 has been received in which directed to submit Revised TBRR. Revised TBER has been sent to SPMG on dated- 29.05.21. (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.)
4	Barahiya I&D and STP	Re- Tender were published on 01.09.2020, The last date of Bid receiving was on 07.10.2020. Re-Tender to be published.
5	Kahalgaon I&D and STP	Technical Bid Evaluation completed. Tender committee meeting was held on 22.05.21 & after approval of SPMG, proceeding has been uploded on eproc on 1st June for 7 days .
6	Buxar Sewerage Treatment Plant & Sewer Network	Till the date of Bid receiving 01.02.2021, Four Bids have been received. Bid evaluation under process. (Work under previous contractor Tritech. 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.)
Tender to be floated		
Sl. No.	**Status**	
1	Gopalganj Development works of Crematoria	Re-tender published on 13.11.2020, Two bids have been received, Technical evaluation under progress. Experience certificate verification under progress.
DPR status of remaining towns on main stem of River Ganga		
Sl. No.	**Status**	
1	I&D Works and STP Dighwara, Manihari, Teghara & Jamalpur	DPR was submitted to NMCG for I&D and STP Project. Letter has been received from NMCG on 23rd Dec 2019 to consider the project under feacal sludge management. The compliance under progress.
2	I&D Works and STP Supaul	DPR observation complied & likely to be approved in Next EC Meeting.
3	I&D Works and STP Saharsha, Darbhanga & Madhepura	DPR received from consultant NEERI on 16.10.19. DPR review under process.
4	I&D Works and STP Kishanganj, Raxaul, Narkatiyaganj, Jogbani, Ramnagar (Harinagar), Lakhisarai, Jammui, Motihari & Daud Nagar	DPR not submitted. Under preparation by NEERI.
5	I&D Works and STP Samastipur	DPR submitted to SMCG & NMCG observation received SMCG. Compliance under process by M/s REPL.
6	I&D Works and STP Dehri	DPR observation complied & likely to be approved in Next EC Meeting.
7	I&D Works and STP Arwal	DPR submitted to SMCG & NMCG. Approval awaited.

8	I&D Works and STP Gopalganj	DPR submitted to SMCG & NMCG. Approval awaited.
9	I&D Works and STP Bagaha	DPR submitted to SMCG & NMCG. Observation received from SMCG. Compliance under process.

Details of under construction STPs in the State

No.	Location	Capacity of the plant in MLD	Physical Progress in %	Status of I&D or House sewer connections	Completion Timeline
1	Saidpur	60	100	Completed. O&M under progress- Physical Progress - 100 %, Financial Progress: - 109.22 % (155.47 Cr.)	
2	Pahari STP	60	92	1-Main Pumping Station- Total completed (957 cum) 2- Grit Chamber- RCC work in progress Total completed (335 cum) 3-Sludge Dewatering Building Sludge Sump & Parshall Flume Total completed (397 cum) 4-Substation MCC-Finishing work in progress.Total completed (242 cum) 5-SBR, CCT, Equalisation Tank & Was Sump-SBR & CCT Walls up to 9 mtrs height completed 44 cum casted channel RCC workd in progress . Total completed (3633 cum) 6- Chlorination Building-Plinth Beam Casted 7 Cum & RCC works in progress Total completed (1160 cum) 7- Air Blower Room-Plinth beam casted (7 cum) & RCC work in progress . Total completed (109 cum) 8- Admin Cum Lab Building-Finishing work in progress. 9-Staff Quarter-Finishing work in progress. 10-RCC Pipeline (Length in Running Mtrs)- 2.4 dia 154 Pipes of 385.0 m completed. 1.6 dia 2.5 meters comleted. 1.2 dia 2.5 meter completed. Physical Progress - 92%, Financial Progress - 71.41 % (60.13 Cr.)	

3	Sultanganj	10	85	1. Compound Wall work Completed. 2. MBBR-Completed. 3. Admin Building-Completed. 4. Centrifugal Building-Completed. 5. Chlorine Contact Tank-Structure Completed, Walkway work completed. 6. Sludge Storage Shed-Completed. 7. Chlorine Tonner Building-Completed. 8. Thickner, Filterate Sump-Completed. 9. Return Sludge Sump-Competed. 10. Plate Sateler-Completed 11. MCC & Blower Building-Completed. 12. Grit Chamber-Civil, Electro-Mechanical & Cabling work completed. Panel work under progress. IPS- 1. Ajgaibinath IPS-Ist Slab Casted, B/W completed. Final Roof slab under progress. DG shed work completed. 2. Chujja gali IPS-- Ist Slab Casting Completed, DG shed Roof casting under progress. 3. Open Drain-570m length Completed. Networking-work is approximetely in progress. 6.7km rising main line laying with road restoration work completed. Physical Progress - 85% Financial Progress - 61.20 % (21.46 Cr.)	

4	Barh	11	82.27	●SBR tank civil & electro-mechanical work 98.00% Completed. ●GST Civil 100% Completed. ●CCT civil & electro-mechanical work 96.51% completed. ●HT & HT Meter room civil work 97.83% completed ● Admin, MCC & Security Room civil & electro-mechanically work 97.85% completed. ●HT Panel, Transformer & DG erection 100% Completed. ●Air Blower 100% erection and pre-commissioning Completed. ●Grit Chamber civil & electro-mechanical work 98% Completed. ●Belt filter press building 89% civil & electro-mechanical work completed. ●Staff quarter civil work 56.0% Complete. ●Rising main IPS -2 (dayachuck to STP) piping work 2327 mtr. Completed out of 2500 mtr. ● IPS -2 Civil work 76% Completed. ● IPS -1 Civil work 10% Completed Physical Progress - 82.27 % Financial Progress - 76.59 % (20.35 Cr.)	
5	Naugachhia	9	85	1.Boundary Wall-90% Work Completed. Rest in progress. 2. SBR-Pre-Commissioning work in progress. 3. CCT- work complete. 4. Fine Screen and Grid Chamber-Pre-Commissioning work in progress. 5. Admin Building-FInishing work in progress. 6. Air Blower Building -Pre-Commissioning work in progress. 7. Sludge Thickner--Civil work completed. Electro-Mechanical wrok under progress. 8. Staff Quarter-Finishin work in Progress. 9. HT Panel & Transformer-Completed. 10. Chlorination Building-Completed. 11. DG-DG Installed. IPS- 1. Ujaini(IPS-1)-Civil work of Well inlet chamber & Transformer Plateform, HT Room, Panel room, DG Room completed. Boundary wall work in progress. 90m Open drain completed.Rest in progress. Electro-Mechanical under progress.	

				2. Simra Ghat (IPS-2)-Well sinking completed and wall 3 lift under progress. 3. Nagar Panchayat (IPS-4) -Excavation work under progress. 4. Block Campus (IPS-5)-Wall Casting completed. Inlet & Fine Screen chamber work in progress.Transformer, HT Room, DG Room and Panel Room work completed upto PL. Work at roof level in progress. 5. Naugachia High School (IPS-6)-Well casting completed. DG, HT, Transformer room work completed upto PL. Retaining wall Completed. Rest in progress. 6. Rising Main (Pipeline)-9km Pipe laying work Completed. 8.75km road restroration work completed. Rest in progress. Physical Progress - 85.00 % Financial Progress - 58.98 % (20.65 Cr.)	
6	Sonepur	3.5	83	1. Admin /staff Building completed. 2. Panel Room brick work & plaster completed and finishing work is in progress. 3. Clear water tank completed. 4. UV chamber completed. 5. SBR final lift work of Anoxy Tank Completed. 6. Wet well 7th lift completed. 7. Airblower Shed - Steel/Shed work is in progress. 8. I&D work of approx 3875 Mtrs pipe laying done 9. 78 Manholes completed. 10. All Electro-Mechanical Equipments reached at site. Physical Progress - 83 % Financial Progress - 72.81 % (10.34 Cr.)	

7	Mokama	8	76	Design &Survey -complete, SBR work 100% complete& rest in progress. Admin block : 95% complete & rest in progress Panel Room: 99% work complete & rest in progress. Boundary wall =99% complete, Road Work=85% complete & rest in progress Chlorination Tank:100% complete & rest in progress Sludge Holding Tank: All work complete Centrifuge Building: All work complete Grit Chamber:95% complete & rest in progress MPS:Structural work complete & finishing work 80% complete Air Blower Plateform :99% complete I&D and IP workS: IPS-1 structural work 70% complete for boundary wall in both IPS-1 n IPS-2 complete, Staff quarter work structural work 80% complete and RCC drain work=1150M complete Supply of Electromechanical equip. i) Decanter System=2 Set ii) Sewage Transfer Pump=3Nos iii) RAS Pumps=2set iv) SAS Pumps=2set v) Centrifuge Feed Pumps=2Nos vi) Chlorinator=1No vii) Air Blower=3Nos, Centrifuge =2Nos i) MCC Panel=1Nos ii) PLC Panel=1Nos iii) Cable Tray=1lot iv) MS pipe=1lot v) Diffuser=2Lot iv) Online monitoring system 1set 1snstallation of electromechanical equip : i)Centrifuge installed-100% ii) Air blower installed =100% iii) MCC panel installed=100%: iv) MCC panel installed=100%: v) air blower pipes laying complete v) DG installation complete Physical Progress-76.00% Financial Progress : 57.70 % (21.79 Cr.)	

8	Digha-Zone	100	2.2	1. Survey completed for sewarge network. Sewarge network design and drawing approved for Digha Network. 2. BEP and other design & drawings for Digha STP has been approved by BUIDCo. 3. 30.41 KM Sewer line has been laid. 4. Manhole - 609 Nos. 5. Pile load testing complete. 6. Area filling for STP in progress Overall physcial progress 2.2%, Financial Progress(Digha & Kankarbagh) - 85.46 Cr.	
9	Begusarai	17	37.50	1. Pipe Laying -52.20 Km 2. Manholes - 2235 Nos. 3. House Connections - 5008 Nos. 4. Road Restoration -49.67 Km. 5. STP - SBR foundation PCC work in progress. 6. IPS - 1st lift wall casting completed, second lift in progress. Physical Progress - 37.50 % Financial Progress – 73.63 Cr.	
10	Chapra	32	58	1. Main Pumping Station 15% work is completed 2. Grit Chamber,Screen Chamber,Inlet Chamber,& Parshall Flume Excavation and PCC work is completed and pile cape is in progress. 3.Sludge Dewatering Building Sludge Sump survey work is completed 4.Substation, MCC Room up to Raft and column work up to plinth beam is completed. 5. SBR, Equalisation Tank & Was Sump Raft and wall RCC work is in progress. 6. CCT ,Chlorination Building survey work is completed. 7. Air Blower Room Raft RCC and column work up to plinth beam is completed. 8. Admin Cum Lab Building raft RCC and column work up to plinth level is completed. 9. Staff Quarter survey work is completed. 10 .IPS/Pumping station - IPS 3,IPS4 is 90% and IPS-A excavation and raft work is completed. 11. Network (I&D) - Pipe laying of 6984 mtrs is completed. 12. Road Restoration (I&D Network) - 5.884 KM road restoration is completed. 13. Electro-Mechanical Equipments for STP - 100% equipment is reached at STP Site. 14. Electro-Mechanical Equipments for MPS&IPS - 70% equipment is	

				reached at Stock Yard in Chhapra. Physical Progress - 58 % Financial Progrss - 50.02 Cr.	
11	Baktiyarpur	10	16	1. Survey and SBC done, 2. B.E.D. with GA & Structural drawing of STP vetted from IIT & submitted to BUIDCo. 3. 85% Boundary Wall completed. 4. Admin cum Panel Building cum Staff Quater's plint level colunms done. 5. PCC of MPS, SBR, Chlorination Tank done. 6. Excavation of SHT is in progress. 7. Transformer & electricity work completed. 8. Site office completed. 9. NOC for both IPS received. Physical Progress-16.00% Financial Progress - 09.98 % (2.26 Cr.)	
12	Fatua	7		01. Pipeline route survey work interconnecting I&D Structures completed. 02. L-Section drawings of Pipeline is underprocess & will be submitted by next week. 03. Waiting for STP land possesion from Buidco.	Agreement done. Work order issued.
13	Danapur	25		1) Admin Building - 14.50% 2) SBR Basin - 2.7% 3) CCT work under progress 4) Chlorinationn Building work under progress 5) Security Cabin work under progress	
14	Phulwarisariff	7+6=13		Khagaul Lock STP - (1) Survey completed 2) STP land NOC yet to receive from WRD Beur campus STP - (1) Survey & SBC completed (2) NTD test & Report submitted for Structure Design & Drawing 3) Design and drawing vetting under progress Financial Progrss(Fatua, Danapur & Phulwarisariff) - 4.50 Cr.	

Details of proposed STPs in the State

No.	Location	Capacity of the STP proposed in MLD	Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded)	Likely Date of Completion
Attached as Annexure-1.				

III. **Details of Industrial Pollution:**

- No. of industries in the State:**11,584 industries. (This includes brick kiln and other industries.)**
- No. of water polluting industries in the State: **The Board has inspected 179 Water Polluting Industries including 53 Grossly Polluting Industries (GPIs) out of 3109 industries applied for water consent in the State. All the water polluting industries are being inspected.**
- Quantity of effluent generated from the industries in MLD: **The Board has inspected 179 Water Polluting Industries out of including 53 Grossly Polluting Industries 'GPIs' generating 34.40 MLD approx. of wastewater.**
- Quantity of Hazardous Sludge generated from the Industries in TPD: **7629 MTA (Incinerable: 275 MT, Landfillable 180.75 MT, Recyclable including other waste (Iron Scraps): 6203.83 MTA, Co-processing in cement industries: 965.35 MT).**
- Number of industrial units having ETPs: **133 industries having functional ETP, 07 industries are non-complying with standards in respect of treated water quality, 08 industries have no ETP and 15 industries have non-functional ETP. Board had issued show cause notice/direction to 06 industries & filed legal case in the court against one. Action against rest are under process.**
- Number of industrial units connected to CETP: **Nil.**
- Number and total capacity of ETPs (details of existing/under construction/proposed) : **148 Industries have installed ETP with a total capacity of 93.63 MLD approx. for rest units assessment is under process.**
- Compliance status of the ETPs: **126 industries.**
- Number and total capacity of CETPs (details of existing/ under construction/ proposed): **04 CETP proposed.**
- Status of compliance and operation of the CETPs: **Not applicable at present.**

Town	No. of industries	Industrial discharge	Status of ETPs	Status of CETPs (existing, under construction & proposed)

IV. **<u>Solid Waste Management:</u> Details attached as Annexure - 2**

- Total number of Urban Local Bodies and their Population: **142 ULBs & Population: 1.09 Cores.**
- Current Municipal Solid Waste Generation:
- Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), biomethanation, MRF etc:
- Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%):
- No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction):
- Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source:
- Details of MSW treatment facilities proposed and under construction (no., capacity, and technology):
- No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills.:
- No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers:
- No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers: **125 Drains.**

<u>Status of ULB wise Management of Solid Waste</u>

ULB	Total MSW generation in TPD	Total MSW being processed in TPD	Existing MSW facilities	Utilization Capacity of the existing MSW facilities	Proposed MSW Facilities & Completion Timeline

V. **Bio-medical Waste Management:**

- Total Bio-medical generation: **34812 Kg/day (24769 from bedded hospital and 10043 from non bedded hospital).**
- No. of Hospitals and Health Care Facilities: **24996 (including 10964 clinical establishments).**
- Status of Treatment Facility/ CBMWTF: **04 CBWTF (33600 Kg/day)**

VI. **Hazardous Waste Management:**

- Total Hazardous Waste generation:**7629 MTA (Incinerable: 275 MT, Landfillable 180.75 MT, Recyclable including other waste(Iron Scraps)): 6203.83 MTA**
- No. of Industries generating Hazardous waste: **166**
- Treatment Capacity of all TSDFs: **Nil**
- Avg. Quantity of Hazardous waste reaching the TSDFs and Treated: **8900MTA,during 2019-20 (Disposal through captive system: 5.10 MT, TSDF: 3.96 MT, Co-processing in cement industries: 965.35 MT, Recycling: 3368 MT, Captive utilization/recycling: 4556 MT) etc. Backlog/ accumulated HW was disposed in this year and hence quantity of waste disposal is > waste generation.**
- Details of on-going or proposed TSDF: **M/s Ramky Environ Engineers Ltd., at Mahui, Dist-Bhojpur is in process of installation of TSDF.**

VII. **Plastic Waste Management: Attached as Annexure-6.**

- Total Plastic Waste generation:
- Treatment/ Measures adopted for reduction or management of plastic waste:

- Details of Alternate Treatment Technology being adopted by the State/UT : **UD&HD, GoB has issued Work Order dated-24.09.2020 to the successful bidder for In-situ treatment through bio-remediation of drains joining Ganga and other polluted rivers for 89 drains. Work has already been started in all 89 drains. Letter of award is in process for 115 drains.**

VIII. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment:

IX. Details of Nodal Officer appointed by Chief Secretary in the State/UT: **Principal secretary, Urban Development & Housing Department,GoB has been appointed as Nodal officer, by the Chief Secretary, Bihar for the matter of Hon'ble NGT OA no 673/2018 as per the Notification of Deptt, of Env., Forest & Climate Change, GoB. Paryavaran/Van(mu).28/2019-140 (E) dated 17.02.2021.**

X. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT: Regular review meetings are conducted under the chairmanship of the Chief Secretary, Bihar to ensure the compliances of orders of the Hon'ble NGT on different environmental issues including orders in O.A. No. 200/2014 & others. ***Last meeting was held on 06.02.2021.***

Meeting of River rejuvenation committee held on 10/03/2021 under the chairmanship of Principal Secretary DoEF & CC, GoB. to review compliances of the directions of the Hon'ble NGT in OA no 673/2018. Next meeting is proposed on 05.07.2021.

XI. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river; **Ground water quality report attached as Annexure-3, Drain with flow details attached as Annexure-4 and latest water quality report of polluted river attached as Annexure-5.**

XII. Ground water regulation: **Government of Bihar has initiated drives for recharging of ground water by providing roof top rain water harvesting structures and construction of soak pits/recharge pits near public well, hand pump, tube well and other water bodies under Jal-Jeevan-Hariyali Abhiyan.**

Bihar Govt. has also notified The Bihar Ground Water (Regulation & Control of Development & Management) Act, 2006 for regulating and management of ground water. The authority may impose stipulated conditions for providing roof top rain water harvesting structures in the building plan in an area of the 1000 Sqm or more while according approval for construction.

XIII. Good irrigation practices being adopted by the State:**In order to enhance water use efficiency in water intensive crop, assistance is given for promotion of water saving tools/ technologies like sprinkler and drip irrigation, creation of farm ponds, efficient delivery and distribution system and adoption of agronomic practices like alternate row/ furrow irrigation, mulching, etc.**

Pradhan Mantri Krishi Sinchai Yojana also focuses on creating protective irrigation by harnessing rain water at micro level through 'Jal Sanchay' and 'Jal Sinchan' to insure 'Per Drop More Crop'. The state is implementing Pradhan Mantri Krishi Sinchai Yojana (Per Drop More Crop) for development of Micro Irrigation in Bihar during the year 2018-19 with the cost of Rs 133.00 Crore by providing 90% subsidy to all categories of Farmers under Drip Irrigation and 75% Subsidy to all categories of farmers under Sprinkler Irrigation. State Govt. is also implementing community Tube well Scheme for benefit of small and marginal farmers with 100 % subsidy to provide water source for installation of Drip Irrigation System under the State Plan. As Horticultural and Commercial crops like Sugarcane require heavy water during summer season, Drip Irrigation is highly beneficial because about 60% of conventional Irrigation water is saved under this system. The productivity of the crops under this system increases by about 25-30 % while cost of production decreases 30-35% in comparison to Conventional Irrigation System.

XIV. Rain Water Harvesting: **To ensure initiatives of drives for recharging of ground water by providing roof top rain water harvesting structures and construction of soak pits/recharge pits near public well, hand pump, tubewell and other water bodies under Jal-Jeevan-Hariyali Abhiyan.**

Imposion of condition for providing roof top rain water harvesting structures in the building plan in an area of the 1000 Sqm or more while according approval for construction.

XV. Demarcation of Floodplain and removal of illegal encroachments: **Considering densely populated northern plain terrain and mostly embanked river, the issue of demarcation of flood plain zone/buffer zone is not applicable in case of Bihar.State Govt. is contemplating to approach the Hon'ble NGT in this regard.**

XVI. Maintaining minimum e-flow of river: **Water Resource Department has taken steps for installation of new gauge stations and making arrangements for the discharge measurement throughout the year. Details attached as Annexure-7.**

XVII. Plantation activities along the rivers: **A team of Department of Environment, Forest & Climate Change, Govt. of Bihar official visited Yamuna bio-diversity park in Delhi and exploring its replication in the State.**

XVIII. Development of Biodiversity Park: **A team of Department of Environment, Forest & Climate Change, Govt. of Bihar official visited Yamuna bio-diversity park in Delhi and exploring its replication in the State.**

XIX. Reuse of Treated Water: **Work is under process.**

XX. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards: **Harbaura river (Sikrahana) is selected as Model river.**

XXI. Status of Preparation of Action Plan by the 13 Coastal States: **Not applicable.**

XXII. Regulation of Mining Activities in the State/UT:

XXIII. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring:

Annexure - 1

Status of Ongoing/Tendered Project of Schemes under Namami Gange program.

tnukad %& 05-06-2021 rd

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	During this month	Total Progress
1	Ongoing Project	Beur	Sewerage Treatment Plant	43	—	68.16 / 74.29	15-07-14 / 05-01-15	7 Aug 15	77.85 Cr. (C Cost- 47.25 Cr. and O&M Cost- 30.59 Cr.)	Voltas & GAA (JV) 31-03-17	05/10/2019 / 31.12.2019	—	O&M work in progress.	O&M work in progress. Physical Progress - 100%, Financial Progress - 116.19% (54.90 Cr.)
2		Beur	Sewerage Network	—	179.74	225.77 / 394.89	31-12-14 / 24-01-17	21 Aug 15	398.40 Cr. (C cost : 371.48 Cr and O &M Cost : 26.92 Cr)	L&T 30-03-17	05/04/2020 / 31/03/2021	5700 / 15000	Network- .36 Km. Completed. Manhole- 37 Nos. Completed House Connection Pit - 01 nos. Completed House Hold Connection – 62 nos. Completed Road Restoration1.01 km. Completed	Network- 145.66 Km. Completed. Manhole- 5426 Nos. Completed House Connection Pit - 7054 nos. Completed House Hold Connection – 5700nos. Completed Road Restoration 144.51 Km. Completed Physical Progress - 81 %, Financial Progress - 75.62 % (280.91 Cr.)
3		Saidpur	Sewerage Treatment Plant & Adjoining Network	60	55.10	184.93 / 201.57	01-04-15 / 26-11-14	21 Aug 15	188.186 Cr. (C Cost- 142.34 Cr. and O&M Cost- 45.84 Cr)	IIEM & EMS (JV) 30-03-17	05/04/2020 / 31/03/2021	21360 / 21360	Completed. O&M under progres-	Completed. O&M under progress- Physical Progress - 100 %, Financial Progress: - 109.22 % (155.47 Cr.)
4		Saidpur	Sewerage Network	—	172.50	268.63 / 426.71	01-04-15 / 24-01-17	27 Aug 15	431.21 Cr. (C Cost- 399.55 Cr. And O&M Cost- 31.66 Cr.)	L&T 30-01-18	19/01/2021 / 31/03/2021	2431 / 28118	Pipe Laying - 2.57 km Manhole - 102 Nos Property Chamber - 20 Nos Road Restoration - 2.08 Km (including Trenchless & DI pipe) House Connection- 81 Nos Well sinking completed & Well inside works ongoing at Ambedkar SPS. Well completed, Boundary wall & Staff quarters completed, E&M Works ongoing at Bazar Samiti SPS. Existing structure demolition & Well Sinking completed & Well inside works ongoing at SPS Exhibition Road.	Pipe Laying - 101.01 km Manhole - 3511 Nos Property Chamber - 1553 Nos Road Restoration - 100.25 Km (including Trenchless & DI pipe) DI Rising Main - 925 m House Connection- 2431 Nos Well sinking completed & Well inside works ongoing at Ambedkar SPS. Well completed, Boundary wall & Staff quarters completed, E&M Works ongoing at Bazar Samiti SPS. Existing structure demolition & Well Sinking completed & Well inside works ongoing at SPS Exhibition Road. Physical Progress – 73.71%, Financial Progress - 77.58 % (309.97 Cr.)
5		Karmalichak	Sewerage Treatment Plant	37	—	77.04 / 83.97	15-07-14 / 05-01-15	7 Aug 15	73.61 Cr. (C Cost- 44.11 Cr. and O&M Cost- 29.50 Cr.)	Voltas & GAA(JV) 31-03-17	05/10/2019 / 31/03/2021	—	O&M work in progress.	O&M work in progress. Physical Progress-100%, Financial Progress- 120.31 % (53.07 Cr.)
6		Karmalichak	Sewerage Network	—	96.54	277.42	16.03/2017	9 May 17	253.98 Cr. (C Cost- 241.02 Cr. And O&M- 12.96 Cr.)	VA Tech Wabag 11/05/2018	20/5/2021 / 31/03/2021	18068 / 38168	Sewer Network- 1.055 Manhole- 18 House Connection Pit - 179 nos. Road Restoration- 10.053 km, House Connection - 1795 SPS - 01 No. - Nil.	Sewer Network- 81.630 km, Manhole- 3044 nos, Direct/Connection/House Connection Pit - 15912 nos, Road Restoration- 79.328 KM (Total 74.654 KM road restored in all respect and 5.379 Km comes in trenchless method) House Connection - 18068 nos. SPS - 01 No. - Nil. Physical Progress - 73.10%, Financial Progress – 60.67% (146.23 Cr.)
7		Pahari STP	Sewerage Treatment Plant	60	—	191.62	19.05/2017	1 Sep 17	147.65 Cr. (C Cost- 84.20 Cr. And O&M- 63.44 Cr.)	VA Tech Wabag 09/05/2018	08/11/2020 / 31/03/2021	—	1.Main Pumping Station- Inernal Walls & column casted (13 cum) 2- Grit Chamber-(21 cum) Finishing work in progress 3.Sludge Dewatering Building- Sludge Sump & Parshall Flume - (42 cum) 4.Substation MCC- Finishing work in progress. 5-SBR, CCT, Equalisation Tank & Was Sump- SBR & CCT Walls up to 9 mtrs height completed 44 cum casted channel RCC workd in progress 6- Chlorination Building- Plinth Beam Casted 7 Cum & RCC works in progress 7- Air Blower Room- Plinth beam casted (7 cum) & RCC work in progress 8- Admin Cum Lab Building Finishing work in progress. 9-Staff Quarter-Finishing work in progress. 10-RCC Pipeline (Length in Running Mtrs)-2.4 dia 154 Pipes of 385.0 m completed. 1.6 dia 2.5 motors comleted. 1.2 dia 2.5 meter completed.	1.Main Pumping Station- Total completed (957 cum) 2- Grit Chamber- RCC work in progress Total completed (335 cum) 3-Sludge Dewatering Building Sludge Sump & Parshall Flume Total completed (397 cum) 4-Substation MCC-Finishing work in progress.Total completed (242 cum) 5-SBR, CCT, Equalisation Tank & Was Sump-SBR & CCT Walls up to 9 mtrs height completed 44 cum casted channel RCC workd in progress . Total completed (3633 cum) 6- Chlorination Building-Plinth Beam Casted 7 Cum & RCC works in progress Total completed (1160 cum) 7- Air Blower Room-Plinth beam casted (7 cum) & RCC work in progress . Total completed (109 cum) 8- Admin Cum Lab Building-Finishing work in progress. 9-Staff Quarter-Finishing work in progress. 10-RCC Pipeline (Length in Running Mtrs)- 2.4 dia 154 Pipes of 385.0 m completed. 1.6 dia 2.5 motors comleted. 1.2 dia 2.5 motor completed. Physical Progress - 92%, Financial Progress - 71.41 % (60.13 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. (C Cost- 144.06 Cr. And O&M- 22.94 Cr.)	EMS Infra & Technocraft Ltd.11/05/2018	29/05/2021 / 31/12/2020	5877 / 21300	Sewer Network – 0.531 Km. completed Manhole- 8 Nos. completed Property chamber- 74 Nos. completed Road Restoration 0.933 km Completed. House Hold Connection 70 Nos. Completed.	Sewer Network – 89.899 Km. completed Manhole- 3326 Nos. completed Property chamber- 5656 Nos. completed Road Restoration 89.744 km Completed. House Hold Connection 5877 Nos. Completed SPS commissioning done in Dec 2020 Physical Progress – 99.60% , Financial Progress - 105.47 % (152.78 Cr.)
9		Pahari Zone-V	Sewerage scheme at Pahari Zone V, Patna	—	115.93	356.37	22.05/2017	1 Sep 17	364.90Cr. (C Cost- 318.10 Cr. And O&M- 46.72 Cr.)	Sapoor Pallonji 25.03/2018	26/04/2021 / 31/03/2021	3334 / 22855	1.Sewer Network – 0.867 Km. 2.Manhole- 18 Nos. 3.Property Chamber- 219 Nos. 4.Road Restoration- 2.309 Km. 5.House Connection- 248 Nos. 6.SPS-Civil Work Under Progress	1.Sewer Network – 61.154 Km. 2.Manhole- 1828 Nos. 3.Property Chamber- 3417 Nos. 4.Road Restoration-60.03 Km. 5.House Connection- 3334 Nos. 6.SPS-Civil Work Under Progress Physical Progress - 52.72%, Financial Progress - 32.56 % (103.61 Cr.)

Sr No.	Status	Location	Project Name	STP Capacity (in MLD)	Sewer Network (in Km.)	Sanctioned Cost (Crore) SoR/SoR	Date of Sanction/ Date of AA&ES SoR/SoR	Date of NIT	Contract Price	Signing of Contract Contractor's Name/ Date	Date of Completion (As per Agreement/ Proposed by BUIDCo)	House Connection	During this month	Total Progress
10	Ongoing Project	Sultanganj	I&D works and STP at Sultanganj	10	—	60.22	08-01-2017	30-12-17	63.51 Cr. (C Cost- 35.066 Cr. And O&M- 28.443 Cr.)	V.C.Project 14/3/2018	30/06/2020 31/03/2021		1. Compound Wall- No work. 2. MBBR-30% Electro-Mechanical work completed. 3.Admin building-Flooring work completed. 4. Centrifuge Building-10% Electro-Mechanical work completed. 5. Chlorine Contact Tank- Railing work completed in walkway. 6. Sludge Storage Shed-No work. 7. Chlorine Tonner Building-No work. 8. Thickner, Filtrate Sump- 10% Electro-Mechanical work completed. 9. Return Sludge Sump-No work. 10. Plate Sateler-No work. 11. MCC & Blower Building- 10% Electro-Mechanical work completed. 12. Grit Chamber-Cabling work completed. IPS- 1. Ajgaibinath IPS-Top roof R/F work completed. 2. Chujja Gali IPS--Top roof casting. 3. Open Drain-100m length Completed. 4. Networking-No work.	1. Compound Wall work Completed. 2. MBBR-Completed. 3. Admin Building-Completed. 4. Centrifugal Building-Completed. 5. Chlorine Contact Tank Structure Completed, Walkway work completed. 6. Sludge Storage Shed-Completed. 7. Chlorine Tonner Building-Completed. 8. Thickner, Filterate Sump-Completed. 9. Return Sludge Sump-Competed. 10. Plate Sateler-Completed 11. MCC & Blower Building-Completed. 12. Grit Chamber-Civil, Electro-Mechanical & Cabling work completed. Panel work under progress. IPS-. 1. Ajgaibinath IPS-Ist Slab Casted, B/W completed. Final Roof slab under progress. DG shed work completed. 2. Chujja gali IPS-- Ist Slab Casting Completed, DG shed Roof casting under progress. 3. Open Drain-570m length Completed. Networking-work is approximetely in progress. 6.7km rising main line laying with road restoration work completed. Physical Progress - 85% Financial Progress - 61.20 % (21.46 Cr.)
11		Barh	I&D works and STP at Barh	11	—	58.27	08-10-2017	22-06-18	53.90 Cr. (C Cost- 26.57 Cr. And O&M- 27.33 Cr.)	UEM India 22/10/2018	30/06/2020 31/03/2021		•SBR all RCC work has been completed. •Raw water filling u/p for hydro testing of SBR Tank-1. • CCT (Chlorine Contact Tank) Painting work under progress. • HT Room painting work under progress. • Transformer and DG erection work completed. • Admin & Air blower painting work under progress. • Air blower & MCC panel Painting work under progress. •Staff quarter stair columns and slab RCC Completed. For IPS-2: • MCC room bottom slab Complete. • MCC & HT room Column up to top slab completed and balance under progress. • Course screen 2nd lift wall completed and final lift under progress. • Rising main DI laying 2327 Mtr. Complete out of 2500 Mtr. Excavation u/p of balance piping.. For IPS-1: • Raft PCC & 1st lift wall complete, allied structure pilling work under progress.	•SBR tank civil & electro-mechanical work 98.00% Completed. •GST Civil 100% Completed. •CCT civil & electro-mechanical work 96.51% completed. •HT & HT Meter room civil work 97.83% completed • Admin, MCC & Security Room civil & electro-mechanically work 97.85% completed. •HT Panel, Transformer & DG erection 100% Completed. •Air Blower 100% erection and pre-commissioning Completed. •Grit Chamber civil & electro-mechanical work 98% Completed. •Bolt filter press building 89% civil & electro-mechanical work completed. •Staff quarter civil work 56.0% Complete. •Rising main IPS -2 (dayachuck to STP) piping work 2327 mtr. Completed out of 2500 mtr. • IPS -2 Civil work 76% Completed. • IPS -1 Civil work 10% Completed Physical Progress - 82.27 % Financial Progress - 76.59 % (20.35 Cr.)
12		Naugachhia	I&D works and STP at Naugachia	9	—	60.79	08-01-2017	22-06-18	61.89 Cr. (C Cost- 35.01 Cr. And O&M- 26.38 Cr.)	UEM India 22/10/2018	30/06/2020 30/06/2021		1. Boundary Wall- No work. 2. SBR- Cabling work in progress. 3. CCT-No work. 4. Fine Screen and Grid Chamber-Cabling work in progress. 5. Admin Building-Flooring work. 6. Air Blower Building-Cabling work in progress. 7. Sludge thickner Electro-Mechanical Installation. 8. Staff Quarter-PH & Flooring work. 9. HT Panel & Transformer-No work. 10. Chlorination Building-No work. 11. DG- No work. IPS- 1. Ujaini(IPS-1)-DG Room Completed. Boundary Wall in progress and Electro-Mechanical work in progress. 2. Simra Ghat (IPS-2)-Wall sinking and one lift wall casting in progress. 3. Nagar Panchayat (IPS-4) -Excavation work. 4. Block Campus (IPS-5)-HT Room, DG Room and Panel Room work completed from PL to roof level. 5. Naugachia High School (IPS-6)-No work. 6. Rising Main (Pipeline)-800m Pipe laying and 550m road restroration work completed.	1.Boundary Wall-90% Work Completed. Rest in progress. 2. SBR-Pre-Commissioning work in progress. 3. CCT- work complete. 4. Fine Screen and Grid Chamber-Pre-Commissioning work in progress. 5. Admin Building-Finishing work in progress. 6. Air Blower Building -Pre-Commissioning work in progress. 7. Sludge Thickner--Civil work completed. Electro-Mechanical wrok under progress. 8. Staff Quarter-Finishin work in Progress. 9. HT Panel & Transformer-Completed. 10. Chlorination Building-Completed. 11. DG-DG Installed. IPS- 1. Ujaini(IPS-1)-Civil work of Well inlet chamber & Transformer Plateform, HT Room, Panel room, DG Room completed. Boundary wall work in progress. 90m Open drain completed.Rest in progress. Electro-Mechanical under progress. 2. Simra Ghat (IPS-2)-Well sinking completed and wall 3 lift under progress. 3. Nagar Panchayat (IPS-4) -Excavation work under progress. 4. Block Campus (IPS-5)-Wall Casting completed. Inlet & Fine Screen chamber work in progress.Transformer, HT Room, DG Room and Panel Room work completed upto PL. Work at roof level in progress. 5. Naugachia High School (IPS-6)-Well casting completed. DG, HT, Transformer room work completed upto PL. Retaining wall Completed. Rest in progress. 6. Rising Main (Pipeline)-9km Pipe laying work Completed. 8.75km road restroration work completed. Rest in progress. Physical Progress - 85.00 % Financial Progress - 58.98 % (20.65 Cr.)
13		Sonepur	I&D and STP at Sonepur	3.5	3.6	30.93	14/09/2018	11-19	29.35 Cr. (C Cost- 14.20 Cr. And O&M- 15.16 Cr.)	S.G.Const & S.N.Enviro 04/06/2019	31/03/2020 30/06/2021		1. Admin /staff Building - No work. 2. Panel Room finishing work is in progress. 3. Clear water tank - No work. 4. UV chamber - No work. 5. SBR final lift work of Anoxy Tank Completed & last lift of 3 walls is in progress. 6. Wet well 7 out of 9 lift completed. 7. Airblower Shed - Steel/Shed work is in progress 8. Pipe laying of 325 Mtrs done. 9. Manohole completed - 18 Nos. 10. All Electro-Mechanical Equipments reached at site.	1. Admin /staff Building completed. 2. Panel Room brick work & plaster completed and finishing work is in progress. 3. Clear water tank completed. 4. UV chamber completed. 5. SBR final lift work of Anoxy Tank Completed. 6. Wet well 7th lift completed. 7. Airblower Shed - Steel/Shed work is in progress. 8. I&D work of approx 3875 Mtrs pipe laying done 9. 78 Manholes completed. 10. All Electro-Mechanical Equipments reached at site. Physical Progress - 83 % Financial Progress - 72.81 % (10.34 Cr.)

Sr. No.	Status	Location	Project Name	STP Capacity (In MLD)	Sewer Network (In Km.)	Sanctioned Cost (Crore) BoM/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	During this month	Total Progress
14	Ongoing Project	Mokama	I&D works and STP at Mokameh	8	—	53.81/ 60.91(Rvd)	28/07/2017	30-12-17	59.17 Cr. (C Cost- 37.765 Cr. And O&M- 21.407 Cr.)	EMS Singh 15/06/2019	30/06/2020 31/12/2020		SBR:SBR wall =civil work complete Admin Block : plumbing,electrical & flooring work and wall finishing work complete and rest in progress Panel Room: All complete work Boundary Wall :4% complete, Road Work : 85% in progress, Chlorination Tank: All work complete Sludge Holding Tank:All work complete Centrifuge Building : All work complete Grit Chamber:95% complete MPS: 90% complete Air Blower Plateform:All work complete & shedding work in progress I&D and IP workS: IPS- Redesign & redrawing completed & vetted ... awaiting courier delivery Supply of Electromechanical equip. Isntallation of electromechanical equip:	Design &Survey -complete, SBR work 100% complete& rest in progress. Admin block : 95% complete & rest in progress Panel Room: 99% work complete & rest in progress. Boundary wall -99% complete, Road Work=85% complete & rest in progress Chlorination Tank:100% complete & rest in progress Sludge Holding Tank: All work complete Centrifuge Building: All work complete Grit Chamber:95% complete & rest in progress MPS:Structural work complete & finishing work 80% complete Air Blower Plateform :99% complete I&D and IP workS: IPS-1 structural work 70% complete for boundary wall in both IPS-1 n IPS-2 complete, Staff quarter work structural work 80% complete and RCC drain work=1150M complete Supply of Electromechanical equip. i) Decanter System=2 Set ii) Sewage Transfer Pump=3Nos iii) RAS Pumps=2set iv) SAS Pumps=2set v) Centrifuge Feed Pumps=2Nos vi) Chlorinator=1No vii) Air Blower=3Nos, Centrifuge=2Nos i) MCC Panel=1Nos ii) PLC Panel=1Nos iii) Cable Tray=1lot iv) MS pipe=1lot v) Diffuser=2Lot iv) Online monitoring system 1set Isnstallation of electromechanical equip : i)Centrifuge installed-100% ii) Air blower installed =100% iii) MCC panel installed=100%: iv) MCC panel installed=100%: v) air blower pipes laying complete v) DG installation complete Physical Progress-76.00% Financial Progress : 57.70 % (21.79 Cr.)
15		Baktiyarpur	I&D and STP at Bakhtiyarpur	10	—	35.88	24/12/2018	19.01.2019	36.04 Cr. (C Cost- 22.65 Cr. And O&M- 13.40 Cr.)	S.G. Construction & S.N.Enviro 27/08/2019	Jun-21		1. 89.7% Boundary wall work finished. 2. PCC of MPS done. 3. Transformer & electricity work completed. 4. Excavation of SHT is in progress. 5. Back filling of Admin & Panel Building cum Staff Quater's upto plint level done. 6. SBC of both IPS done. 7. B.E.D. with GA & Structural drawing of STP was vetted from IIT and submitted to BUIDCo.	1. Survey and SBC done, 2. B.E.D. with GA & Structural drawing of STP vetted from IIT & submitted to BUIDCo. 3. 05% Boundary Wall completed. 4. Admin cum Panel Building cum Staff Quater's plint level columns done. 5. PCC of MPS, SBR, Chlorination Tank done. 6. Excavation of SHT is in progress. 7. Transformer & electricity work completed. 8. Site office completed. 9. NOC for both IPS received. Physical Progress-16.00% Financial Progress - 09.98 % (2.26 Cr.)
16		Maner	I&D and STP at Maner	6.5	3	41.36	01-02-2019	01-19	40.83 Cr. (C Cost- 18.676 Cr. And O&M- 22.163 Cr.)	SIMA Labs Pvt. Ltd. & A K Contractor (J.V) 27/09/2019	Jun-21		Work Stopped.	As per recommendation of CO maner for land area of 700 ft x 800 ft, NOC was received from District Administration. But during demarcation at site the it was found that the land area is less, which is not suitable for construction of STP. Again letter has been issued to District Administration for alloting suitable land for STP. It is likely that after the lockdown in Bihar due to covid, the suitable and will be given for STP.
17		Digha-Zone	STP & Sewer Network	100	288	824	08-11-2017	15-05-18	1187.06 Cr.	VA Tech Wabag 30/12/2019	Jul-22		Sewerage Network - 5.10 KM Manhole - 104 Nos. Area filling for STP in progress	1. Survey completed for sewarge network. Sewarge network design and drawing approved for Digha Network. 2. BEP and other design & drawings for Digha STP has been approved by BUIDCo. 3. 30.41 KM Sewer line has been laid. 4. Manhole - 609 Nos. 5. Pile load testing complete. 6. Area filling for STP in progress Overall physcial progress 2.2%, Financial Progress(Digha & Kankarbagh) - 85.46 Cr.
18		Kankarbagh-Zone	STP & Sewer Network	50	150	578.09	08-11-2017	15-05-18		VA Tech Wabag 30/12/2019	Jul-22		Sewerage Network - 3.622 KM Manhole - 17 Nos. Pile load test in progress.	1. Soil testing is completed 2. Some vetted Design & Drawings of STP is approval by Technical Committee, BUIDCo on dated - 28.07.2020 3. Design & Drawings vetted by IIT, hard copy submitted. 4. 6.7 Km Sewer line laid 5. Pile load completed Overall physcial progress 1.0 %
19		Begusarai	STP & Sewer Network	17	98	230.06	03-05-2018	08-18	236.85 Cr. (Capital Cost- 180.49 Cr. and O&M- 56.36 Cr.)	Toshiba (JV) 04.02.2020	Feb-22		1. Pipe Laying - 1.16 Km 2. Manholes - 25 Nos 3. House Connections - 50 Nos 4. Road Restoration - 4.55 Km. 5. STP - SBR foundation PCC work in progress.. 6. IPS - 1st lift wall casting completed, second lift in progress.	1. Pipe Laying -52.20 Km 2. Manholes - 2235 Nos. 3. House Connections -5000 Nos. 4. Road Restoration -49.67 Km. 5. STP - SBR foundation PCC work in progress. 6. IPS - 1st lift wall casting completed, second lift in progress. Physical Progress - 37.50 % Financial Progress – 73.63 Cr.
20		Chhapra	I&D and STP	32	18.95	236.15	30/11/2018	04-19	244.39 Cr. (Capital Cost- 119.90 Cr. and O&M- 124.49 Cr.)	Toshiba (JV) 04.02.2020	Aug-21		1. Main Pumping Station - No work 2. Grit Chamber,Screen Chamber,Inlet Chamber,& Parshall Flume – Pile Cape RCC work is in progress 3.Sludge Dewatering Building Sludge Sump - No work 4.Substation, MCC Room - RCC Column up to Plinth beam is completed 5. SBR, Equalisation Tank & Was Sump Raft and wall RCC work is in progress. 6. CCT ,Chlorination Building- No work. 7. Air Blower Room - RCC Column up to plinth level is completed. 8. Admin Cum Lab Building - RCC Column work up to plinth level is completed. 9. Staff Quarter - No work. 10 .IPS/Pumping station - IPS 3,IPS4 is 5% and IPS-A raft work is completed. 11. Network (I&D) - Pipe laying of 334 mtrs and manhole 17 nos. is completed. 12. Road Restoration (I&D Network) - 0.784 KM road restoration is completed	1. Main Pumping Station 15% work is completed 2. Grit Chamber,Screen Chamber,Inlet Chamber,& Parshall Flume Excavation and PCC work is completed and pile cape is in progress. 3.Sludge Dewatering Building Sludge Sump survey work is completed 4.Substation, MCC Room up to Raft and column work up to plinth beam is completed. 5. SBR, Equalisation Tank & Was Sump Raft and wall RCC work is in progress. 6. CCT ,Chlorination Building survey work is completed. 7. Air Blower Room Raft RCC and column work up to plinth beam is completed. 8. Admin Cum Lab Building raft RCC and column work up to plinth level is completed up to plinth level is completed. 9. Staff Quarter survey work is completed. 10 .IPS/Pumping station - IPS 3,IPS4 is 90% and IPS-A excavation and raft work is completed. 11. Network (I&D) - Pipe laying of 6984 mtrs is completed. 12. Road Restoration (I&D Network) - 5.884 KM road restoration is completed. 13. Electro-Mechanical Equipments for STP - 100% equipment is reached at STP Site. 14. Electro-Mechanical Equipments for MPS&IPS - 70% equipment is reached at Stock Yard in Chhapra. Physical Progress - 58 % Financial Progrss - 50.02 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	During this month	Total Progress
21	Ongoing Project	Fatua	I&D and STP	7	—	35.49	24/12/2018	06-19	176.19 Cr. 12.11.2020	Bhugan Infracon & Enviro Infra Engg. Ltd. (J.V) 23.11.2020	22.11.2021		01. Pipeline route survey work interconnecting I&D Structures completed. 02. L-Section drawings of Pipeline is underprocess & will be submitted by next week. 03. Waiting for STP land possesion from Buildco.	01. Pipeline route survey work interconnecting I&D Structures completed. 02. L-Section drawings of Pipeline is underprocess & will be submitted by next week. 03. Waiting for STP land possesion from Buildco.
22		Danapur	I&D and STP	25	—	103.27	02-08-2019	06-19			22.11.2021		1) Admin Building - 14.50% 2) SBR Basin - 2.7% 3) CCT work under progress 4) Chlorinationn Building work under progress 5) Security Cabin work under progress	1) Admin Building - 14.50% 2) SBR Basin - 2.7% 3) CCT work under progress 4) Chlorinationn Building work under progress 5) Security Cabin work under progress
23		Phulwarisariff	I&D and STP	7+6=13	—	46.25	02-08-2019	06-19			22.11.2021		——	Khagaul Lock STP - (1) Survey completed 2) STP land NOC yet to receive from WRD Beur campus STP - (1) Survey & SBC completed (2) NTD test & Report submitted for Structure Design & Drawing 3) Design and drawing vetting under progress Financial Progress(Fatua, Danapur & Phulwarisariff) - 4.50 Cr.
24		Bhagalpur	I&D works and STP at Bhagalpur	65	57.54	254.13 413.26 [R]	10-12-2017	08-18	-				——	Board approval has been obtained on 28.12.2020. LOA has been issued on 05.01.2021. An obseration of LOA has been given by M/s Adani Enterprises which has been sent to SMCG on 28.01.2021 for providing direction. A committee under chairmanship of CE, NMCG, BUIDCo was formed to examine the observation raised by M/S Adani Enterprises. Recomendation of the committee has been received. NMCG direction has also been received. Revised LOA to be issued.
1	Tendered Project	Hajipur	STP & Sewer Network	22	138.9	305.19 Revised	03-05-2018	30-05-19	-				——	Technical Bid Evaluation completed. Tender committee meeting was held on 22.05.21 & after approval of SPMG, proceeding has been uploded on eproc on 1st June for 7 days . (Earlier contract terminated (Tritech) Status of Previous work done. Physical Progress-27%, Financial Progress -33.74 Cr.)
2		Khagaria	I&D and STP	4.5	—	21	24/12/2018	07-19	—	—			——	Only one bid found technically qualified. Tender committee decision has been sent to SPMG for approval.
3		Munger	STP & Sewer Network	30	165.73	294.02	03-05-2018	—	—	—			——	Technical Bid Evaluation Report was sent to NMCG. NMCG observation dated 04.01.2021 ware compiled on 22.01.2021 and compliance sent to NMCG through SPMC. Again NMCG observation alongwith BGCMS letter no - 103, dated - 09.03.2021 has been received in which directed to submit Revised TBRR. Revised TBER has been sent to SPMG on dated. 29.05.21. (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.)
4		Barahiya	I&D and STP	6		27	30.12.2019	—	—	—			——	Re- Tender ware published on 01.09.2020, The last date of Bid receiving was on 07.10.2020. Re-Tender to be published.
5		Kahalgaon	I&D and STP	6		25.77	30.12.2019	—	—	—			——	Technical Bid Evaluation completed. Tender committee meeting was held on 22.05.21 & after approval of SPMG, proceeding has been uploded on eproc on 1st June for 7 days .
6		Buxar	Sewerage Treatment Plant & Sewer Network	16	95	74.95 164.23(R)	31/12/2019	—	—	—			——	Till the date of Bid receiving 01.02.2021, Four Bids have been received. Bid evaluation under process. (Work under previous contractor Tritech. 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)	19/6/2013 26/02/2019	-	254.52 Cr.	L&T 24.04.11	23-03-2019 / 20-05-20 (4th Extension)			16 Ghats completed out of 20 Ghats. 1. Audio Visual Theatre (AVT) Building at Barhewa Ghat completed. 2. ECO Center at Collectrate Ghat- completed. 3. Community Cum Cultural Center at Raja Ghat-completed. Crematorium at Gulvighat - completed. Start cremation by PMC Promenade - 5.5 km completed. All Ghats and Promenade with building and crematoria handed over to PMC, Patna for Operation and Maintenance. Physical Progress-93%, Financial progress- 121.21% (311.05 Cr.)
1	Ongoing Project	Muzaffarpur	Development works of Ghats	3 Ghats		10.77	03-07-2019				06.01.2022		(i) 56 No. Pile Casting Done at Sidhi Ghat. (ii) 87 No. Pile Casting Done at Chandwara Ghat.	Work in progress at Both Ashram & Sidhi Ghats. Physical Progress-13%, Financial Progress - 0.05 Cr.
2		Gopalganj	Development works of Ghats	2 Ghats		8.25	03-07-2019			Babari Kr. Singh 04.01.20	03.06.2021		1. Finishing work of Pavilion completed of 1 st and 2nd Ghat . 2.Finishing work of Toilet (Both) completed . 3. Embankment protection work in progress . 4. Stainless steel railing works completed . 5. Landscape and Horticulture works in progress .	1. Pile work- 182 Nos. have been completed (Both Ghat) 2. Tie Beam - 07 Rows have been completed of 1st Ghat and 07 Rows have been completed of 2nd Ghat. 3. All RCC work of Waist slab and step have been completed of 1st Ghat and 2nd Ghat. 4. High Mast lights work completed. 5. Finishing work of Pavilion completed of 1st Ghat and 2nd Ghat. 6. Finishing work of Toilet (Both) completed. 7. Stone Flooring work completed for step of 1st and 2nd Ghat. 8. Embankment protection work in progress. 9. Landscape and Horticulture works in progress . Physical Progress - 94 % Financial Progress - 5.17 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	During this month	Total Progress
1	Tender to be floated	Gopalganj	Development works of Crematoria	Crematoria		3.45	06-05-2020						—	Re-tender published on 13.11.2020, Two bids have been received, Technical evaluation under progress. Experience certificate verification under progress.
Total				651.5MLD 25 Ghat & 1 Crematoria	1747.92 KM	5846.94 6203.84						56770 146801	—	dqy v|ru O;; %& 1998-08 djksM+A

1- iVuk xaxk unh rV fodkl if;kstuk Qst&2 ds rgr ukStj ?kkV ls uwjiqj ?kkV ds chp 27 ?kkVj 06 fd-eh- izksfeukM lfgr vU; lajpukvksa gsrq 218-00 djksM+ dk izLrkoA

1	Total Sanctioned cost of Sewerage Project (for Patna) -	3237.69 (GOI) 3594.59 (GOB)	House Connection up to date on 31.05.21	Status of DPR Preparation: 23 Ganga Towns: All prepared and sent to NMCG. Manihari, Dighwara & Teghra (Total- 3) Revised DPR was submitted to NMCG for I&D and STP Project, Jamalpur DPR observation given to consultant 01.02.2021 by NIT, Compliance under Progress. Buxar approved on 31.12.2019. 15 Tributries Town: Prepared and sent to NMCG for approval- Arwal (Total- 01). Dehri and supaul towns approval in under progress by NMCG (Total-02). Muzzaffarpur & Gopalganj towns revised DPR and compliance report awaited from BUIDCo. Rest of out of 10 towns 8 from NEERI, 1 (Samastipur) from REPL & 1 (Bagaha) from Dara Shah & PSB the complaince report and revised DPR not received yet from BUIDCo. DPR for 4 towns Raxaul, Jogbani, Narkatiyaganj and harinagar related to Hon'ble NGT are under preparation by NEERI.
2	Total Sanctioned cost of Sewerage Project (Excluding Patna) -	2250.05 (GOI) 2250.05 (GOB)		
3	Grand Total (1+2)	5487.74 (GOI) 5844.64 (GOB)		
4	RFD Patna Project	243.27 Cr. 336.73 Cr. (Revised Cost)		
5	Other Ghats & Crematoria	22.47 Cr.		
6	Total Expenditure	1998.08 crore (31.05.2021)		

DPR status of remaining towns on main stem of River Ganga			
Sl. No.	Name of the Project	Admin Approval cost (Rs Cr.)	Remarks
1	I&D Works and STP Dighwara	-	DPR was submitted to NMCG for I&D and STP Project. Letter has been received from NMCG on 23rd Dec 2019 to consider the project under feacal sludge management. The compliance under progress.
2	I&D Works and STP Manihari	-	
3	I&D Works and STP Teghara	-	
4	I&D Works and STP- Jamalpur	-	

DPR preparation for the selected 15 towns under tributaries of River Ganga			
Sl. No.	Name of River	Name of the Project	Remarks
1	Koshi River	I&D Works and STP Supaul	DPR observation complied & likely to be approved in Next EC Meeting.
2		I&D Works and STP Saharsha	DPR received from consultant NEERI on 16.10.19. DPR review under process.
3		I&D Works and STP Madhepura	DPR received from consultant NEERI on 16.10.19. DPR review under process.
4	Burhi Gandak River	I&D Works and STP Muzaffarpur	DPR submitted to SMCG & NMCG. Observation on land given by TPA, Compliance under process.
5		I&D Works and STP Motihari	DPR not submitted. Under preparation by NEERI.
6		I&D Works and STP Samastipur	DPR submitted to SMCG & NMCG observation received SMCG. Compliance under process by M/s REPL.
7	Sone River	I&D Works and STP Dehri	DPR observation complied & likely to be approved in Next EC Meeting.
8		I&D Works and STP Arwal	DPR submitted to SMCG & NMCG. Approval awaited.
9		I&D Works and STP Daud Nagar	DPR not submitted. Under preparation by NEERI.
10	Gandak River	I&D Works and STP Gopalganj	DPR submitted to SMCG & NMCG. Approval awaited.
11		I&D Works and STP Bagaha	DPR submitted to SMCG & NMCG. Observation received from SMCG. Compliance under process.
12	Kiul River	I&D Works and STP Lakhisarai	DPR not submitted. Under preparation by NEERI.
13		I&D Works and STP Jammui	DPR not submitted. Under preparation by NEERI.
14	Baghmati River	I&D Works and STP Darbhanga	DPR received from consultant NEERI on 16.10.19. DPR review under process.
15	Mahananda River	I&D Works and STP Kishanganj	DPR not submitted. Under preparation by NEERI.
16	Sirsa	I&D Works and STP Raxaul	DPR not submitted. Under preparation by NEERI.
17	Sikrahan	I&D Works and STP Narkatiyaganj	DPR not submitted. Under preparation by NEERI.
18	Parmar	I&D Works and STP Jogbani	DPR not submitted. Under preparation by NEERI.
19	Ramrekha	I&D Works and STP Ramnagar (Harinagar)	DPR not submitted. Under preparation by NEERI.

Annexure-2

Status Report of the Solid Waste Management.

Sl. No.	Provisional requirements under the Solid Waste Management Rules, 2016	Current Status	Desirable level of compliance in terms of statutes	Gap between current status and desired levels	Proposal of attending the gaps with timelines
1.	Preparation of State Policy and Solid Waste Management Strategy. [Rule-11(a)].	• Comprehensive Solid Waste Management Policy and Strategy & Solid Waste Management Action Plan for the Urban Local Bodies of the State has been prepared by Urban Development & Housing Department, Govt. of Bihar.	Complied.	No gap.	
2.	Constitution of State Level Advisory Body (SLAB) and its meeting. (Rule-23).	• State Level Advisory Body (SLAB) has been constituted under Solid Waste Management Rules, 2016 vide notification 135, dated-24.01.2018. • The meeting of the aforesaid body was held on 30.01.2018, 30.07.2018, 08.03.2019& 19.03.2020.	Complied.	No gap.	• SLAB meeting will be held once in every six month to review the matter related to implementation of SWM Rules, 2016.
3.	Identification and allocation of suitable land to the Local Bodies for setting up of processing and disposal facilities for solid waste. [Rule-11(f)].	• A total no. of 268 sites have been identified for setting up of solid waste processing units in 136 ULBs out of 142. *Achievement: 95.77%* • Bio-composting work has started in 126 sites in 79 ULBs. Work is under way at the rest of sites. *Achievement: 55.63%* • Suitable sites for MRF have been identified in all 142 ULBs and work has started at 67 sites in 50 ULBs. *Achievement: 35.21%*	• UD&HD, Govt. of Bihar/DM concerned have to ensure identification and allocation of suitable land to the local body for setting up of processing disposal facility for solid waste within one	• Gap in identification of site for solid waste processing unit: 4.23% in ULBs. • Gap in bio-composting/ processing of wet solid waste: 44.36% in ULBs. • Gap in operation of MRF : 64.79% in ULBs.	• Identification and allocation of suitable site for waste processing and disposal facility will be achieved by 31.03.2021. • Waste processing facilities shall be put into operation by 30.06.2021.

Sl. No.	Provisional requirements under the Solid Waste Management Rules, 2016	Current Status	Desirable level of compliance in terms of statutes	Gap between current status and desired levels	Proposal of attending the gaps with timelines
			year from date of notification of SWM Rules, 2016.		
4.	Earmarking of at least 5% of the total area of the plot or minimum 05 plots of industrial estates/ industrial park for recovery and recycling facility by developer. [Rule-11(i)].	• Space has been earmarked by BIADA at 21 industrial areas for waste management processing (recovering and recycling facilities). • BIADA is in process of publishing EOIs for identified sites/plots for establishment of waste processing facility.	• BIADA has to earmark the land/plots/ sheds for recovery and recycling facility of solid waste.	• No gap.	• BIADA shall ensure the compliance by 30.06.2020. • UD&HD, GoB shall come up with a policy to support establish-ment of waste processing/ recycling facility in the State. • UD&HD, GoB shall also move a proposal for including waste processing as a priority sector in SIPB.
5.	Establishment of common regional sanitary landfill for a group of cities and towns falling within a distance of 50 KMs or more from the regional facility on cost sharing basis and ensure	• Presently, there is no Common Regional Sanitary Landfill site. • State has decided to establish sanitary landfill site in all ULBs individually. • A total of 103 stand alone landfill sites have been identified. This includes 39 tagged with nearby ULBs landfills sites.This will serve the landfill sites of 142 ULBs of the State.	• Landfill sites have to be established at the all identified sites.	• No gap in identification of landfill sites. • Landfill sites have been identified and environment al audit of the same is to be conducted.	• Landfill sites shall be established at the all identified sites by 31.12.2021.

Sl. No.	Provisional requirements under the Solid Waste Management Rules, 2016	Current Status	Desirable level of compliance in terms of statutes	Gap between current status and desired levels	Proposal of attending the gaps with timelines
	professional manage-ment of such sanitary landfills. [Rule-11(j)].	• All ULBs have submitted landfill checklist for verification of sitting criteria (Schedule-1 of the SWM Rules, 2016). • Out of 103 identified landfill sites, a total of 80 ULBs have submitted individual shape file (.kml). • UD&DH, GoB has to initiate for obtaining Environmental Clearance from SEIAA for the sanitary landfill sites.			
6.	Notification of buffer zone for the solid waste processing and disposal facility of more than 05 ton per day in consultation with SPCB. [Rule-11(l)].	• CPCB has published guidelines on buffer zone around the landfill site which defines a distance of 100 meter from river; 200 meter from ponds, lakes, water bodies, highways, habitations, public parks and water supply wells. No sanitary landfill site should be permitted in flood plains as recorded for the last 100 years, zone of coastal regulation, wetland, critical habitat areas and sensitive eco-fragile areas. • CPCB has not defined any sitting criteria applicable for setting up of waste processing facility in its guidelines. However, it has been recommended that buffer zone around the core waste processing area should consist of utility area, open park, green belt of 10 meter width with specified	• Guidelines to be followed in case of developme nt of waste processing facility of more than 05 ton per day and landfill disposal facility.	• Landfill sites have been identified and environment al audit of the same is to be conducted.	• The landfill sites to be finalized in accordance with the guidelines. • UD&DH, GoB has to initiate for obtaining Environment al Clearance from SEIAA for the sanitary landfill sites.

Sl. No.	Provisional requirements under the Solid Waste Management Rules, 2016	Current Status	Desirable level of compliance in terms of statutes	Gap between current status and desired levels	Proposal of attending the gaps with timelines
		plants viz. Babul, sisham, neem, jamun etc. and interface land use between the boundary of waste processing facility and sensitive receptors. • Presently, State is developing de-centralized waste processing facility of less than 05 ton per day.			
7.	Preparation of solid waste management plan as per State Policy and Strategy by Local Body. [Rule-15(a)].	• All the Urban Local Bodies of Bihar have prepared their individual action plan on solid Waste Management.	Complied.	No gap.	All the Urban Local Bodies to implement provisions of the Solid Waste Management Rule, 2016.
8.	Arrangement for door-to-door collection of segregated solid waste. [Rule-15(b)].	• Door to door collection of solid waste has been started in 3271 wards out of 3398 wards (142 ULBs). *Achievement: 96.26%* • Collection bins (blue & green) have been distributed to the households. • Source segregation of waste have been started in 2265 wards out of 3398 wards. *Achievement: 66.66%* • IEC & BCC Activities carried out by ULBs for Improvement of Source Segregation of Wet and Dry waste for further processing.	• Door to door collection to be achieved in all ULBs.	• Gap in door to door collection: 3.74%. • Gap in source segregation: 33.34%	• Segregation of waste at source in remaining wards will be achieved by March, 2021.
9.	Formulation of bye-laws and its implementatio	• Bihar Municipal Solid Waste Management Model Bye-laws, 2019 for effective	• Adoption of Bihar Municipal	• Adoption of Bihar Municipal	Adoption of Bihar Municipal Solid Waste Management

Sl. No.	Provisional requirements under the Solid Waste Management Rules, 2016	Current Status	Desirable level of compliance in terms of statutes	Gap between current status and desired levels	Proposal of attending the gaps with timelines
	n with levying of spot fine for persons who litters or fails to comply. [Rule-15(e), (zf)].	implementation of the provisions of SWM Rules, 2016 has been approved by the State Cabinet. • Bye-laws includes provision of spot fine to the persons who litters or fails to comply. • It has been adopted by 66 ULBs under Bihar Municipal Act, 2007 and Gazette publication for the same has also been done. • Adoption by rest of ULBs under process.	Solid Waste Management Model Bye-laws, 2019 by all ULBs to be achieved.	Solid Waste Management Model Bye-laws, 2019 by remaining 76 ULBs is to be achieved.	Model Bye-laws, 2019 by the remaining ULBs will be achieved by 30.06.2021.
10.	Facility of bins for storage of solid waste (Bio-degradable: green, recyclable: white & others: black). [Rule-15(h)].	• Collection bins (blue for dry waste & green for wet waste) have been distributed to the households. • Two color bins also have been provided in the commercial areas for storage of waste. • Arrangements have been made for collection and transportation of segregated waste from household level.	• Distribution of collection bins to be provided to all households.	• No gap.	
11.	Establishment of waste deposition centers for domestic hazardous waste (discarded paints drums, pesticide cans; CFL bulbs, tube lights, expired	• Deposition centers for domestic hazardous waste has not been established so far.	• At least one deposition centers for domestic hazardous waste to be established in a city/town for the area of 20 Sq km or part	• Deposition centers for domestic hazardous waste yet to be established.	• ULBs have been directed to comply with the provisions.

Sl. No.	Provisional requirements under the Solid Waste Management Rules, 2016	Current Status	Desirable level of compliance in terms of statutes	Gap between current status and desired levels	Proposal of attending the gaps with timelines
	medicines etc.). [Rule-15(i)].		thereof.		
12.	Setting up of de-centralized compost plant or bio-methanation plant at suitable location for in the vicinity of vegetable, fruit, flower, meat, poultry & fish market. [Rule-15(m)].	• A total no. of 268 sites have been identified for setting up of solid waste processing units in 136 ULBs out of 142. *Achievement: 95.77%* • Bio-composting work has started in 126 sites in 79 ULBs. Work is under way at the rest of sites. *Achievement: 55.63%* • Suitable sites for MRF have been identified in all 142 ULBs and work has started at 67 sites in 50 ULBs. *Achievement: 35.21%*	• UD&HD, Govt. of Bihar/DM concerned have to ensure identification and allocation of suitable land to the local body for setting up of processing disposal facility for solid waste within one year from date of notification of SWM Rules, 2016.	• Gap in identification of site for solid waste processing unit: 4.23% in ULBs. • Gap in bio-composting/ processing of wet solid waste: 44.36% in ULBs. • Gap in operation of MRF : 64.79% in ULBs.	• Identification and allocation of suitable site for waste processing and disposal facility will be achieved by 31.03.2021. • Waste processing facilities shall be put into operation by 30.06.2021.
13.	Authorization from SPCB for setting up waste processing, treatment or disposal facility if the volume of waste is exceeding 05MT/day including sanitary landfills. [Rule-15(y)].	• Since most of the ULBs are establishing decentralized composting facility clustering 3-4 adjacent wards and the capacity of which is also below 5 Mt/day for which authorization from SPCB is not required. However in case of establishment of solid waste processing facility exceeding 5Mt/day authorization from SPCB will be taken.	• Waste processing and disposal facility of more than 05 ton per shall require authorization from SPCB.	No gap.	• Authorization will be obtained accordingly.
14.	Create public awareness to educate the	• Public awareness created through newspaper	All 142 ULBs covered by IEC and BCC	No gap.	NA

Sl. No.	Provisional requirements under the Solid Waste Management Rules, 2016	Current Status	Desirable level of compliance in terms of statutes	Gap between current status and desired levels	Proposal of attending the gaps with timelines
	waste generators for solid waste management. [Rule-15(zg)].	advertisement, broadcast of radio jingles, hoarding and door to door campaign through SHG women. • For IEC Activity fund transfer to all 142 ULBs for Mass awareness on Source Segregation at School, College Public Place and Commercial areas of ULB by Self Help Groups women. • Organized workshop on Solid Waste Management at Patna on 23.09.2016; Muzaffarpur on 08.12.2016, Darbhanga on 09.12.2016; Gaya on 14.12.2016, Purnea on 22.12.2016, Sahrsa on 23.12.2016, Bhagalpur on 09.02.2017, Munger on 10.02.2017 and Chapra on 22.02.2017. The cities are divisional headquarters of the State.	focusing activity on Source Segregation, D2D and Conversion of GVPS as Innovation works done in Swachh Sarvekshan 2020 Segment.		
15.	Submission of annual report in Form-IV by ULBs to SPCB on or before 30th day of June every year. [Rule-24(2)].	• Annual report in Form-IV has been submitted by all ULBs (142) to Bihar State Pollution Control Board.	Complied.	No gap.	Committed for compliance.
16.	Preparation and submission of consolidated annual report by SPCB to CPCB by 31stday of July each year in	• Consolidated annual report in Form- V has been submitted by Bihar State Pollution Control Board to Central Pollution Control Board vide letter no. 844, dated-29.07.2019.	Complied.	No gap.	Committed for compliance.

Sl. No.	Provisional requirements under the Solid Waste Management Rules, 2016	Current Status	Desirable level of compliance in terms of statutes	Gap between current status and desired levels	Proposal of attending the gaps with timelines
	Form-V. [Rule-24(3)].				
17.	Disposal of legacy waste (old municipal solid waste).	• For management of Legacy Waste (old municipal waste dump site) Model EOI has been developed and provided to Muzaffarpur, Gaya and Biharsharif Municipal Corporation in 1st phase. • EOI has already been published by all the three municipal corporations and they are in the process of finalizing it. • At least one site may be remediated and made a model of compliance in each of the 122 NACs. Wherever legacy wastes sites remediation has not commenced, it may commenced earliest to complete such action before 07.04.2021. Information of compliance status as on 31.12.2020 be furnished to CPCB in compliance with the order of the Hon'ble NGT in O.A. No. 681/2018. • Bio-mining/bio-remediation work has been initiated at Bairiya, Patna and Muzaffarpur for disposal of legacy waste.	Legacy waste to be disposed as per CPCB guidelines (bio-mining/bio-remediation) before 07.04.2021.	• In process of compliance.	• ULBs have been directed to ensure the compliance. In case unable to achieve the target State shall pray for extension of time. •
18.	Model towns/ cities/ panchayats to	•	• As per the Hon'ble NGT direction; 03	•	•

Sl. No.	Provisional requirements under the Solid Waste Management Rules, 2016	Current Status	Desirable level of compliance in terms of statutes	Gap between current status and desired levels	Proposal of attending the gaps with timelines
	be made compliant.		towns, 03 cities & 03 panchayats are to be developed as model towns/cities/ panchayats. Secretary Urban Department shall review the implementation status of waste management rules in these notified areas in terms of the order of the Hon'ble NGT in O.A. No. 606/2018. The ranking system of ULBs be regularly updated and monitored.		

STATE LEVEL WATER TESTING LABOPATORY (SLWTL)
PHED, GOVT. OF BIHAR, CHHAJJUBAGH, PATNA-800001
Technical Consultancy by: Scientific Research Laboratory, 90, Lake East (4thRoad), Santoshpur, Jadavpur, Kolkata-700075

TEST CERTIFICATE

Report No: SLWTL/2021/GW - 8821-8824
Name of the Organisation: Departmental
Date of Sampling: 01.04.2021 to 03.04.2021

River Name: Sirsia
Source of Sample: Drinking Water

Date of Reporting: 19.04.2021
Sample Collected By: SLWTL
Sample Received on: 06.04.2021

PHYSICO-CHEMICAL & BACTERIOLOGICAL TEST REPORT

Sl. No.	District Name	Block Name	Panchayet Name	Village Name	Habitation Name	Location Details	Latitude	Longitude	Physico - Chemical and Bacteriological Parameters															
									pH	Turb.	EC	TDS	TH	Ca	Mg	Cl	Alka.	Fe	NO_3	SO_4	F	As	Mn	T.Coli
								Unit	-	NTU	µmho/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	MPN/100ml
								Desirable Limit*	6.5-8.5	1.00	-	500	200	75.00	30.00	250.00	200	1.00	45.00	200.00	1.00	0.010	0.10	-
								Permissible Limit* in absence of alternate source	NR	5.00	-	2000	600	200.00	100.00	1000.00	600	NR	NR	400.00	1.50	NR	0.30	**
1	East Champaran	Raxaul	Kodiyar	Kodiyar	Ward No-19	Subidar Yadav	26.978252	84.833456	7.43	1.0	672	437	348	73.74	39.85	39.98	180	0.82	3.39	21.94	0.55	B.D.L	ND	Absent
2	East Champaran	Raxaul	Nagarpalika	Parouna	Ward No-17	Manshi Ram	26.959286	84.851286	7.52	1.0	689	448	276	44.88	35.62	41.98	188	0.78	4.81	20.10	0.58	B.D.L	ND	Absent
3	East Champaran	Raxaul	Nunia Dih	Nunia Dih	Nunia Dih	Braham Asthan	26.9444434	84.8555943	7.44	1.0	637	414	3 2	48.09	34.12	33.98	172	0.90	2.90	34.02	0.74	B.D.L	ND	Absent
4	East Champaran	Raxaul	Pantoka	Singhpur	Singhpur	Kuwadari Devi	26.945513	84.865387	7.62	1.0	673	437	240	49.69	28.19	27.98	226	0.76	3.11	32.08	0.69	B.D.L	ND	Absent

Note: * (i) Drinking Water Specification Second Revision -IS:10500:2012., (ii) All the testing methods are taken from APHA 23rd Edition 2017., (iii) BDL means Below Detection Limit., (iv) NR means no relaxation. (v) ** Shall not be detectable in any 100 ml sample. Not Done (ND)

Copy forwarded for kind information to:
(i) Consultant Water Quality Cell , PHED, Govt. of Bihar, (ii) Director, Water Quality Cell, PHED, Govt. of Bihar, (iii) Engineer-in-Chief cum Special Secretary, PHED, Govt. of Bihar

The results are reported based on the materials received. Sample will be destroyed after 15 days from the date of issue of the certificate unless otherwise specified. Sample will be preserved according to standard method. The test report shall not be reproduced except in full, without the written permission of Laboratory.

22/04/2021
Signature of the Laboratory In-charge

SCIENTIFIC RESEARCH LABORATORY PATNA

(600)

STATE LEVEL WATER TESTING LABORATORY (SLWTL)

PHED, GOVT. OF BIHAR, CHHAJJUBAGH, PATNA-800001

Technical Consultancy by: Scientific Research Laboratory, 90, Lake East (4th Road), Santoshpur, Jadavpur, Kolkata-700075

TEST CERTIFICATE

Report No: SLWTL/2021/GW - 8891-8894
Name of the Organisation: Departmental
Date of Sampling: 02.04.2021 to 04.04.2021

River Name: Parmar
Source of Sample: Drinking Water

Date of Reporting: 19.04.2021
Sample Collected By: SLWTL
Sample Received on: 08.04.2021

PHYSICO-CHEMICAL & BACTERIOLOGICAL TEST REPORT

Sl. No.	District Name	Block Name	Panchayet Name	Village Name	Habitation Name/Ward No	Location Details	Latitude	Longitude	Physico - Chemical and Bacteriological Parameters															
									pH	Turb.	EC	TDS	TH	Ca	Mg	Cl	Alka.	Fe	NO_3	SO_4	F	As	Mn	T.Coli
								Unit	-	NTU	µmho/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	MPN/100ml
								Desirable Limit*	6.5-8.5	1.00	-	500	200	75.00	30.00	250.00	200	1.00	45.00	200.00	1.00	0.010	0.10	-
								Permissible Limit* in absence of alternate source	NR	5.00	-	2000	600	200.00	100.00	1000.00	600	NR	NR	400.00	1.50	NR	0.30	**
1	Araria	Forbesganj	Amouna	Badhwa	Badhwa/2	Mandir	26.369621	87.22125	7.50	1.0	418	272	184	41.68	19.44	29.98	174	0.80	3.30	23.84	0.59	B.D.L	ND	Absent
2	Araria	Forbesganj	Pipra	Paswan Tola	Paswan Tola/10	Jagtanand Paswan	26.33626	87.283999	7.46	1.0	429	279	172	43.28	15.55	47.98	178	0.71	4.02	18.69	0.46	B.D.L	ND	Absent
3	Araria	Forbesganj	Kushmaha	Chowk Par	Chowk Par/10	Middle School Garha	26.328945	87.298609	7.52	1.0	408	265	176	33.66	22.36	63.97	156	0.87	2.61	33.73	0.71	B.D.L	ND	Absent
4	Araria	Forbesganj	Ramai	Musahar Tola	Musahar Tola/3	Thakurwari	26.258315	87.374928	7.22	1.0	516	335	228	57.71	20.41	71.96	210	0.88	2.49	31.80	0.42	B.D.L	ND	Absent

Note: * (i) Drinking Water Specification Second Revision -IS:10500:2012., (ii) All the testing methods are taken from APHA 23rd Edition 2017., (iii) BDL means Below Detection Limit., (iv) NR means no relaxation. (v) ** Shall not be detectable in any 100 ml sample, Not Done (ND)

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The results are reported based on the materials received. Sample will be destroyed after 15 days from the date of issue of the certificate unless otherwise specified. Sample will be preserved according to standard method. The test report shall not be reproduced except in full, without the written permission of Laboratory.

Signature of Lab Incharge

SCIENTIFIC RESEARCH LABORATORY PATNA

STATE LEVEL WATER TESTING LABORATORY (SLWTL)

PHED, GOVT. OF BIHAR, CHHAJJUBAGH, PATNA-800001

Technical Consultancy by: Scientific Research Laboratory, 90, Lake East (4thRoad), Santoshpur, Jadavpur, Kolkata-700075

TEST CERTIFICATE

Report No: SLWTL/2021/GW -
Name of the Organisation: Departmental
Date of Sampling: 16.03.2021 to 11.04.2021

River Name: Ganga
Source of Sample: Drinking Water

Date of Reporting: 19.04.2021
Sample Collected By: SLWTL
Sample Received on: 20.03.2021 to 13.04.2021

PHYSICO-CHEMICAL & BACTERIOLOGICAL TEST REPORT

Sl. No.	Sample Code	District Name	Block Name	Panchayat Name	Village Name	Habitation/Ward No.	Location Details	Latitude	Longitude	Physico - Chemical and Bacteriological Parameters															
										pH	Turb.	EC	TDS	TH	Ca	Mg	Cl	Alka	Fe	NO_3	SO_4	F	As	Mn	T.Coli
									Unit	-	NTU	µmhos/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	MPN/100ml
									Desirable Limit*	6.5-8.5	1.0	-	500	200	75.00	30.00	250.00	200	1.00	45.00	200.00	1.00	0.010	0.10	
									Permissible Limit* in absence of alternate source	NR	5.0	-	2000	600	200.00	100.00	1000.00	600	NR	NR	400.00	1.50	NR	0.30	--
1	GW 8804	Buxar	Buxar	Churamanpur	Shorpur	Ward No-09	P.S	25.58487	84.03151	7.49	2.0	787	511	296	57.71	36.94	51.97	342	0.64	20.32	32.38	0.58	B.D.L	ND	Absent
2	GW 8805	Buxar	Buxar	Dalsagar	Parsiya	Ward No-06	Ashok Kumar	25.56695	84.04623	7.46	1.0	792	515	324	67.33	37.91	45.98	334	0.52	22.78	36.29	0.42	B.D.L	ND	Absent
3	GW 8806	Buxar	Buxar	Bairiya	Sapahi	Sapahi	Rajan Paswan	25.62433	84.29293	7.37	2.0	749	486	304	75.35	28.19	37.98	330	0.48	19.72	27.62	0.35	B.D.L	ND	Absent
4	GW 8807	Buxar	Chakki	Chanda	Bhariyar	Bhariyar	Unkaudi Bin	25.60940	84.23494	7.28	1.0	638	415	256	64.13	23.33	61.97	262	0.59	11.76	30.55	0.28	0.004	ND	Absent
5	GW 8808	Buxar	Chakki	Chanda	Chanda	Bedauli	Utkarmit Middle School	25.63145	84.23826	7.24	1.0	581	378	260	57.71	28.19	41.98	254	0.38	9.34	31.61	0.45	B.D.L	ND	Absent
6	GW 8809	Buxar	Chakki	Chakki	Bioladara	Ward No-02	Sagar Yadav	25.63174	84.23814	7.43	1.0	725	471	300	64.13	34.02	43.98	258	0.36	22.91	18.54	0.51	0.005	ND	Absent
7	GW 8810	Buxar	Chakki	Chakki	Vishesar dera	Ward -20	BHAGWAT YADAV	25.63189	84.23734	7.31	1.0	664	432	236	56.11	23.33	63.97	232	0.52	32.94	21.36	0.63	B.D.L	ND	Absent
8	GW 8811	Buxar	Brahmpur	Yogiya	yogiya	Ward -02	Alok mishra	25.60575	84.24372	7.36	1.0	442	287	184	38.48	21.38	55.97	170	0.44	10.78	9.98	0.52	B.D.L	ND	Absent
9	GW 8812	Buxar	Brahmpur	Yogiya	yogiya	Ward -06	Kailasthan	25.64448	84.30225	7.53	1.0	512	333	188	40.08	21.38	63.97	228	0.60	17.33	17.46	0.86	0.003	ND	Absent
10	GW 8813	Buxar	Brahmpur	Yogiya	yogiya	Ward -09	Murli Paswan	25.59935	84.27065	7.64	1.0	472	307	196	41.68	22.36	49.98	212	0.27	17.82	13.22	0.42	B.D.L	ND	Absent
11	GW 8814	Buxar	Chausa	Jalilpur	Jalilpur	Jalilpur	Satendra Rai	25.46638	83.85660	7.52	1.0	435	283	192	38.47	23.33	25.98	190	0.82	11.48	16.62	0.59	B.D.L	ND	Absent
12	GW 8815	Buxar	Chausa	Pawani	Pawani	Pawani	Ramawtar Ram	25.51070	83.93368	7.43	1.0	368	239	172	40.08	17.49	61.97	172	0.39	4.42	12.34	0.64	B.D.L	ND	Absent
13	GW 8816	Buxar	Chausa	Banarpur	Banarpur	Banarpur	Arishu Updhya	25.48451	83.87066	7.39	1.0	374	243	164	36.48	16.52	33.98	162	0.81	7.31	26.33	0.73	0.005	ND	Absent
14	GW 8817	Buxar	Simari	Kathar	Balbatra	Ward-18	Ranjan Pandey	25.59544	84.22939	7.53	1.0	696	454	280	41.68	18.47	39.98	218	0.33	41.58	21.28	0.44	B.D.L	ND	Absent
15	GW 8818	Buxar	Simari	Dulahpur	Khairapatti	Ward-02	Harindra Ram	25.64688	84.10521	7.72	1.0	457	297	188	36.87	23.33	49.98	200	0.69	26.92	15.29	0.71	B.D.L	ND	Absent
16	GW 8819	Buxar	Simari	Dulahpur	Khairpatti	Ward-01	Raj Narayan Panday	25.64589	84.10578	7.79	1.0	682	443	340	84.97	31.10	37.98	354	0.27	4.36	33.58	0.68	0.003	ND	Absent
17	GW 8820	Buxar	Simari	Dulahpur	Dulahpur	Dullahpur	Shatrudhan Singh	25.62054	84.09686	7.64	1.0	712	463	332	78.56	33.05	29.99	328	0.21	6.51	28.42	0.44	B.D.L	ND	Absent
18	GW 8778	Munger	Jamalpur	Parharn	Parharn	Parharn	Gramin Bank Parharn	25.316328	86.440153	7.39	2.0	2986	1941	768	70.54	53.14	61.97	560	0.46	31.48	42.28	0.54	0.002	ND	Absent
19	GW 8779	Munger	Jamalpur	Ind .ik East	Gauripur	Gauripur	Safiabad OP	25.341433	86.489094	7.40	1.0	610	396	228	57.71	20.41	37.98	278	0.52	1.68	7.58	0.66	B.D.L	ND	Absent
20	GW 8780	Munger	Jamalpur	Sindhia	Sindhia	Sindhia	High School Sindhia	25.305039	86.411985	7.57	1.0	921	599	388	68.17	40.82	43.98	390	0.38	1.56	5.62	0.81	0.003	ND	Absent
21	GW 8781	Munger	Munger Sadar	Mahuli	Mahuli	Mahuli	Shiv Mandir	25.389785	86.504407	7.42	1.0	1242	807	512	64.13	46.62	65.97	438	0.82	11.58	42.12	0.80	0.004	ND	Absent
22	GW 8782	Munger	Munger Sadar	Tarapur Diara	Tarapur Diara	Tarapur Diara	Sakaldev Mandal	25.303017	86.572165	7.32	0.0	964	627	352	76.95	38.88	41.98	390	0.86	2.52	66.64	0.62	0.015	ND	Absent
23	GW 8783	Munger	Munger Sadar	Naugarhi North	Naugarhi	Naugarhi	Rajendra Mandal	25.342379	86.5 2379	7.38	0.5	752	489	256	52.90	30.13	65.97	242	0.42	3.27	2.84	0.70	0.068	ND	Absent
24	GW 8784	Munger	Munger Sadar	Katriya	Hasanpur	Hasanpur	Ramsharan Singh	25.349674	86.520029	7.25	1.0	730	474	264	67.33	23.33	73.96	236	0.57	2.66	6.81	0.57	B.D.L	ND	Absent
25	GW 8785	Munger	Dharhara	Hemapur	Bari Lagma	Bari Lagma	Anganbari Center	25.303519	86.390159	7.52	2.0	881	573	312	72.14	32.08	57.97	326	0.82	4.22	18.43	0.96	B.D.L	ND	Absent
26	GW 8786	Munger	Dharhara	Shivkund	Shivkund	Shivkund	Bhagwatisthan	25.303246	86.396989	7.41	0.5	736	478	352	73.74	40.82	57.97	364	0.88	1.28	5.52	0.71	B.D.L	ND	Absent
27	GW 8787	Munger	Dharhara	Shivkund	Nishad Tola	Nishad Tola	Arjun Singh	25.304287	86.395753	7.58	1.0	630	409	224	40.08	30.13	53.97	228	0.36	2.43	10.11	0.69	B.D.L	ND	Absent
28	GW 8788	Munger	Dharahra	Bahechauki	Sunderpur	Sunderpur	Kalisthan	25.302542	86.36696	7.68	1.0	653	424	268	54.50	32.08	43.98	218	0.66	0.88	4.83	0.48	B.D.L	ND	Absent
29	GW 8789	Munger	Bariyarpur	Karharia East	Ghorghat	Ghorghat	Shiv Mandir	25.243565	86.334609	7.42	1.0	639	415	220	40.08	29.16	39.98	212	0.45	2.44	7.74	0.53	0.006	ND	Absent
30	GW 8790	Munger	Bariyarpur	Neerpur	Asha tola	Asha tola	Middle School	25.273917	86.565919	7.68	2.0	1010	656	400	115.43	27.22	83.96	328	0.62	1.82	14.81	1.44	B.D.L	ND	Absent
31	GW 8791	Munger	Bariyarpur	Kalyan Tola	Harizan tola	Harizan tola	Hariman Das	25.294565	86.576925	7.74	1.0	598	389	192	48.09	17.49	31.98	200	0.60	2.46	13.78	1.29	B.D.L	ND	Absent
32	GW 9657	Bhagalpur	Pirpainti	Ranidyara	Ranidyara	Ranidyara	Shripati Singh	25.363349	87.321227	7.33	1.0	572	372	232	40.08	32.08	31.98	238	0.86	2.56	5.12	0.52	B.D.L	ND	Absent
33	GW 9658	Bhagalpur	Pirpainti	Rani dyara	Ranidyara	Ranidyara	Jagdish Paswan	25.353577	87.334272	7.39	2.0	762	508	328	60.92	42.77	43.98	262	1.64	8.10	7.87	0.86	B.D.L	ND	Absent
34	GW 9659	Bhagalpur	Pirpainti	Rajgaom Araji	Sawaiya	Sawaiya	Mahant Sthan	25.206328	87.466831	7.42	1.0	574	373	296	56.11	37.91	49.98	288	0.64	10.64	13.12	0.36	0.015	ND	Absent
35	GW 9660	Bhagalpur	Kahalgaon	Kisandaspur	Barohia	Barohia	Barohia Chock	25.256332	87.234229	7.39	1.0	652	365	212	40.08	27.22	29.99	192	1.13	3.84	5.72	0.42	B.D.L	ND	Absent
36	GW 9661	Bhagalpur	Kahalgaon	Kisandaspur	Barohia	Barohia	Kapildev Mandal	25.263234	87.233922	7.52	1.0	784	510	304	59.31	37.91	43.98	322	0.82	3.34	12.12	0.46	B.D.L	ND	Absent
37	GW 9662	Bhagalpur	Kahalgaon	Ogari	Ogari	Ogari	Ogari	25.263939	87.237142	7.44	1.0	599	389	256	60.92	25.27	51.97	244	0.62	2.84	11.14	0.50	B.D.L	ND	Absent
38	GW 9663	Bhagalpur	Kahalgaon	Birbanna	Birbanna	Birbanna	Birbanna	25.266329	87.233872	7.49	1.0	720	468	260	56.11	29.16	73.96	300	0.86	2.83	7.94	0.43	B.D.L	ND	Absent
39	GW 9664	Bhagalpur	Sultanganj	Jahangira	Dom tola	Dom tola	Dom tola	25.1459552	86.443271	7.52	2.0	1948	1266	696	76.95	48.10	59.97	480	0.64	2.41	7.62	0.48	B.D.L	ND	Absent
40	GW 9665	Bhagalpur	Sultanganj	Kamarganj	Chabutra Bagicha	Chabutra Bagicha	Durga Sthan	25.1448651	86.4445149	7.62	1.0	562	365	236	52.90	25.27	43.98	230	0.42	3.32	15.68	0.81	B.D.L	ND	Absent
41	GW 9666	Bhagalpur	Sultanganj	Kathara	Kathara	Kathara	Dev Sthan	25.1446960	86.4454263	7.43	1.0	644	419	332	72.14	36.94	31.98	266	0.53	3.10	12.16	0.96	B.D.L	ND	Absent
42	GW 9667	Bhagalpur	Sultanganj	Kathahara	Kathahara	Kathahara	Near Aganbadi Kendra	25.1447167	86.4553023	7.29	1.0	539	350	228	46.49	27.22	35.98	224	0.58	0.82	14.32	0.89	B.D.L	ND	Absent
43	GW 9668	Bhagalpur	Nathnagar	Gosaindaspur	Gosaindaspur	7	Dom tola	25.14211781	86.5546639	7.38	1.0	422	274	220	43.28	27.22	45.98	220	0.93	3.10	11.98	0.50	B.D.L	ND	Absent
44	GW 9669	Bhagalpur	Nathnagar	Gosaindaspur	Gosaindaspur	4	Ajay Kumar	25.1422832	86.5618769	7.40	1.0	648	421	208	38.48	21.24	41.98	194	0.84	3.13	9.64	0.62	B.D.L	ND	Absent
45	GW 9670	Bhagalpur	Nathnagar	Nisfambey	Nisambey	Nisambey	Sharma Tola	25.1423621	86.5590642	7.42	1.0	612	398	236	56.11	23.33	71.96	212	0.87	3.86	7.82	0.56	0.036	ND	Absent

Sl. No.	Sample Code	District Name	Block Name	Panchayat Name	Village Name	Habitation/Ward No.	Location Details	Latitude	Longitude	Physico - Chemical and Bacteriological Parameters															
										pH	Turb.	EC	TDS	TH	Ca	Mg	Cl	Alka	Fe	NO_3	SO_4	F	As	Mn	T.Coli
									Unit	-	NTU	µmho/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	MPN/100ml
									Desirable Limit*	6.5-8.5	1.0	-	500	200	75.00	30.00	250.00	200	1.00	45.00	200.00	1.00	0.010	0.10	-
									Permissible Limit* in absence of alternate source	NR	5.0	-	2000	600	200.00	100.00	1000.00	600	NR	NR	400.00	1.50	NR	0.30	**
46	GW 9671	Bhagalpur	Nathnagar	Belkhoria	Belkhoria	Belkhoria	Harijan Tola	25.1422428	86.572046	7.43	1.0	620	403	216	36.87	30.13	45.98	210	0.90	3.32	10.06	0.70	0.014	ND	Absent
47	GW 9672	Bhagalpur	Ismailpur	Parbatta	Choti Parbatta	Choti Parbatta	Near Public Toilet	25.1926218	87.254069	7.29	1.0	512	333	248	56.11	26.24	55.97	272	0.97	2.96	14.62	0.43	0.011	ND	Absent
48	GW 9673	Bhagalpur	Ismailpur	Paschmi Bhitta	Ring Bandh	Ring Bandh	Bilash Sah	25.2110038	87.546552	7.10	1.0	660	429	228	60.92	18.47	41.98	238	0.76	2.81	13.94	0.53	0.017	ND	Absent
49	GW 9674	Bhagalpur	Ismailpur	Narayanpur Laxmipur	Dimha Diyara	Dimha Diyara	Sunil Yadav	25.2045237	87.552063	7.21	1.0	484	315	224	40.08	30.13	35.98	232	0.84	4.16	12.62	0.50	0.013	ND	Absent
50	GW 1919	Bhagalpur	Naugachhia	Khagra	Khagra More	Khagra More	Hanuman Mandair	25.343873	87.063432	7.18	1.0	458	298	212	48.09	22.36	19.99	222	0.98	4.82	6.18	0.66	B.D.L	ND	Absent
51	GW 1920	Bhagalpur	Naugachhia	Khagra	Naya tola	Naya tola	Makuni Mandal	25.353699	87.064143	7.42	1.0	550	357	224	57.71	19.44	23.99	198	1.00	7.41	17.62	0.82	0.015	ND	Absent
52	GW 1921	Bhagalpur	Naugachhia	Khagra	Chany Tola	Chany Tola	Prithvi Mandal	25.333157	87.054464	7.13	1.0	882	573	332	59.31	44.71	63.97	262	0.91	6.80	12.86	0.89	0.018	ND	Absent
53	GW 1922	Bhagalpur	Naugachhia	Khagra	Sahuparbatta	Sahuparbatta	Ajay Sahu	25.346088	87.053527	7.29	1.0	420	273	216	57.71	17.49	41.98	184	1.00	2.68	13.19	0.82	B.D.L	ND	Absent
54	GW 9675	Bhagalpur	Gopalpur	Dumaria Chaparghat	Dumaria Chowk	Dumaria Chowk	Bajranwali Sthan	25.2117732	87.113249	7.31	1.0	522	339	272	59.31	30.13	53.97	272	1.56	3.20	15.84	0.46	B.D.L	ND	Absent
55	GW 9676	Bhagalpur	Gopalpur	Saidpur	Saidpur Dabra	Saidpur Dabra	Durga Sthan	25.1934632	87.1004373	7.34	1.0	728	473	268	64.13	26.24	57.97	264	0.82	6.80	14.36	0.72	B.D.L	ND	Absent
56	GW 9677	Bhagalpur	Gopalpur	Dimha Tintanga	Dimha Tintanga	Dimha Tintanga	P.S Yadunandan Tole	25.202 542	87.1011559	7.02	1.0	836	543	520	92.98	69.98	45.98	294	0.80	9.32	7.92	0.44	0.017	ND	Absent
57	GW 9678	Bhagalpur	Rangra	Murli	NH -31	NH -31	Murli Chowk	25.2332141	87.915027	7.34	1.0	460	299	216	54.50	19.44	33.98	220	1.00	3.84	10.10	0.54	B.D.L	ND	Absent
58	GW 9679	Bhagalpur	Rangra	Rangra Chowk	Rangra	Rangra	Md. Latu	25.23342971	87.1137321	7.42	2.0	474	308	208	52.90	18.47	35.98	212	0.93	4.16	18.44	0.76	B.D.L	ND	Absent
59	GW 9680	Bhagalpur	Rangra	Madrouni	Madrouni	Madrouni	Ambedkar Nadar	25.2349731	87.101551	7.32	1.0	510	331	212	36.87	29.16	55.97	172	0.52	1.82	21.46	0.72	B.D.L	ND	Absent
60	GW 9681	Bhagalpur	Rangra	Madrouni	Madrouni	Madrouni	M.S.Sadhua chapar	25.2243662	87.624157	7.43	1.0	578	376	260	51.30	32.06	31.98	224	0.69	1.10	35.28	0.52	B.D.L	ND	Absent
61	GW 9923	Bhagalpur	Narayanpur	Singhpur Paschim	Ganoul	Ganoul	Prakash Sah	25.389951	86.839955	7.32	1.0	544	354	256	52.90	30.13	43.98	238	0.44	4.86	13.29	0.79	B.D.L	ND	Absent
62	GW 1924	Bhagalpur	Narayanpur	Singhpur Paschim	Naytolia	Naytolia	Kanhai Choudhary	25.390035	86.848363	7.08	1.0	396	257	188	40.08	21.38	47.98	172	0.84	4.32	11.84	0.46	B.D.L	ND	Absent
63	GW 1925	Bhagalpur	Narayanpur	Jaypur Chuhar	Mathurapur	Mathurapur	Near Masjid	25.396689	86.868750	6.91	1.0	398	259	164	38.47	16.52	61.97	166	1.12	3.16	8.64	0.43	B.D.L	ND	Absent
64	GW 1926	Bhagalpur	Narayanpur	SinghpurEast	SinghpurEast	SinghpurEast	Kuswaha Library	25.40032	86.871673	7.42	1.0	740	481	180	36.87	21.38	55.97	220	0.92	1.84	33.32	0.92	B.D.L	ND	Absent
65	GW 1927	Bhagalpur	Bihpur	Marwa	Marwa	Marwa Paschim	Mahant Sthan chowk	25.402449	86.915869	7.45	1.0	552	359	264	54.50	31.10	63.97	244	1.02	4.12	18.96	0.42	B.D.L	ND	Absent
66	GW 1928	Bhagalpur	Bihpur	Jamalpur	Jamalpur	1	Basudev Singh	25.388804	86.928379	7.12	2.0	560	364	252	60.92	24.30	47.98	228	0.76	2.52	11.12	0.84	B.D.L	ND	Absent
67	GW 1929	Bhagalpur	Bihpur	Sonbarsa	Bihpur Daschin	9	Kailsh Das	25.373128	86.94002	7.33	1.0	662	430	264	62.62	26.24	43.98	254	0.48	1.80	9.24	1.00	0.004	ND	Absent
68	GW 9682	Bhagalpur	Kharik	Farisd pur	Faridpur	Faridpur	Near P.S	25.376383	87.004139	7.31	1.0	798	519	344	75.35	37.91	35.98	332	0.52	7.16	52.44	0.52	B.D.L	ND	Absent
69	GW 1930	Bhagalpur	Kharik	Raghopur	Raghopur	Raghopur	Bajranwali Sthan	25.314176	87.016760	7.52	1.0	663	424	220	40.08	29.16	57.97	228	0.39	9.44	39.89	0.84	B.D.L	ND	Absent
70	GW 1931	Bhagalpur	Kharik	Raghopur	ChotiAlalpur	13	WardNo13	25.307415	87.017924	7.58	1.0	568	369	228	44.88	28.19	37.98	224	0.52	9.52	32.64	0.81	B.D.L	ND	Absent
71	GW 9683	Bhagalpur	Kharik	Khairpur	Kaikoraiya	Kaikoraiya	Mukhlal Mandal	25.372642	87.006561	7.50	1.0	936	608	380	75.35	46.80	63.97	394	0.48	7.48	51.11	0.64	B.D.L	ND	Absent
72	GW 8895	Vaishali	Bidupur	Jurawanpur	Jurawanpur	4	Manju Devi	25.613942	85.382438	7.43	1.0	764	497	300	73.74	28.19	49.98	308	0.66	4.10	21.22	0.42	B.D.L	ND	Absent
73	GW 8896	Vaishali	Bidupur	Chechar	Chechar	5	Sanjeev Kumar	25.617042	85.367663	7.36	1.0	408	265	260	62.52	25.27	51.97	220	0.90	4.42	19.84	0.48	0.005	ND	Absent
74	GW 8897	Vaishali	Bidupur	Kovchanpur	Kovchanpur	10	Sanjeev Kumar	25.666256	85.278362	7.21	0.5	372	242	212	48.09	22.36	53.97	174	0.84	3.81	12.72	0.56	0.003	ND	Absent
75	GW 8898	Vaishali	Bidupur	Saidpur Ganesh	Saidpur Ganesh	13	Rahul Kumar	25.645734	85.312168	7.19	0.5	682	443	268	57.71	30.13	41.98	230	1.84	3.11	35.32	1.10	B.D.L	ND	Absent
76	GW 8899	Vaishali	Hajipur	Nagar Panchayat	Kowhar Ghat	10	Deepak Sharma	25.848949	85.169994	7.29	0.5	1109	721	452	117.03	38.88	69.97	312	0.58	26.44	32.11	0.36	0.004	ND	Absent
77	GW 8900	Vaishali	Hajipur	Nagar Panchayat	Sirhi Ghat	9	Vikash Kumar	25.686039	85.198302	7.26	1.0	1572	1022	628	129.85	73.87	29.98	418	0.41	5.20	43.70	0.32	B.D.L	ND	Absent
78	GW 8901	Vaishali	Hajipur	Nagar Panchayat	Kosaiya Ghat	10	Mina Kumari	25.68513	85.196091	7.42	1.0	774	503	280	49.69	37.91	41.98	262	0.78	18.42	28.32	0.76	0.006	ND	Absent
79	GW 8902	Vaishali	Hajipur	Nagar Panchayat	Sadhusekhi	10	Pinki Kumari	25.698165	85.200647	7.28	1.0	912	593	368	70.64	46.66	53.97	378	0.80	28.46	31.12	0.78	0.010	ND	Absent
80	GW 8903	Vaishali	Mahnar	Alipur Aasanpur	Mallishpur South	6	Jaybali Paswan	25.59119	85.509506	7.17	1.0	1226	797	408	101.00	37.91	51.97	412	0.54	27.64	32.42	0.42	B.D.L	ND	Absent
81	GW 8904	Vaishali	Mahnar	Alipur Aasanpur	Mallishpur North	9	R.M.S	25.588609	85.511504	7.26	1.0	494	321	260	56.11	29.16	67.97	242	0.67	1.10	35.22	0.36	B.D.L	ND	Absent
82	GW 8905	Vaishali	Mahnar	Alipur Aasanpur	Mallishpur North	9	Near kali Mandir	25.589964	85.508407	7.52	2.0	624	341	208	41.68	25.27	41.98	180	0.43	2.84	38.58	0.81	B.D.L	ND	Absent
83	GW 8906	Vaishali	Desari	Rasulpur Habile	Rasulpur Habile	10	Near Bajrangbali Mandir	25.624293	85.407478	7.91	1.0	1512	983	684	131.46	86.51	51.97	422	0.38	34.33	58.76	0.41	B.D.L	ND	Absent
84	GW 8907	Vaishali	Desari	Rasulpur Habile	Rasulpur Habile	11	Near Basudh Kendra	25.622732	85.406416	7.73	1.0	691	449	256	51.30	31.10	43.98	274	0.74	2.56	12.81	0.76	B.D.L	ND	Absent
85	GW 8908	Vaishali	Desari	Azampur	Azampur	1	Raman Paswan	25.635635	85.421378	7.62	1.0	602	391	224	48.09	25.27	47.98	232	0.52	2.42	9.32	0.87	B.D.L	ND	Absent
86	GW 8909	Vaishali	Desari	Azampur	Azampur	3	Rakkiyekrit M.S	25.634991	85.418319	7.51	1.0	538	350	228	51.30	24.30	39.98	256	0.39	2.38	1.96	0.62	B.D.L	ND	Absent
87	GW 8910	Vaishali	Sahdei Bujurg	Nayagaon	Ganiyari	6	Near Bhagbati Mandir	25.625009	85.450744	7.44	1.0	1192	775	452	86.57	57.35	41.98	390	0.48	3.12	30.96	0.43	B.D.L	ND	Absent
88	GW 8911	Vaishali	Sahdei Bujurg	Nayagaon	Ganiyari	8	Near M.S	25.626352	85.451127	7.41	1.0	653	424	224	51.30	23.33	35.98	272	0.39	2.76	38.52	0.42	B.D.L	ND	Absent
89	GW 8912	Vaishali	Sahdei Bujurg	Nayagaon	Ganiyari	8	Bharat Rai	25.624676	85.449861	7.76	1.0	458	298	188	40.08	21.38	59.97	184	0.72	2.54	27.33	0.89	B.D.L	ND	Absent
90	GW 9684	Khagaria	Prabatta	Bharatkhand	Bharatkhand	11	Shri Munilal Muni	25.374602	86.905553	7.39	1.0	913	593	356	76.56	38.88	43.98	312	0.42	5.87	11.43	0.42	B.D.L	ND	Absent
91	GW 9685	Khagaria	Prabatta	Bharatkhand	Bharatkhand	14	Shri Fulo Prasad Yadav	25.382792	86.824704	7.16	1.0	488	317	180	36.87	21.38	49.98	180	0.87	2.32	21.84	0.46	B.D.L	ND	Absent
92	GW 9686	Khagaria	Parbatta	Lagar	Lagar	7	Dilkhush Yadav	25.327568	86.751849	7.10	2.0	930	604	348	83.37	34.02	63.97	352	1.56	14.96	30.48	0.89	B.D.L	ND	Absent
93	GW 9687	Khagaria	Khagaria	Babhangama	Babhangama	4	Shri Parmeshwar Mistri	25.510279	86.342902	7.24	1.0	736	478	300	64.13	34.02	41.98	324	0.96	1.57	34.67	0.50	B.D.L	ND	Absent
94	GW 9688	Khagaria	Khagaria	Olapur Gangour	Olapur Gangour	8	Dharam Singh	25.51311	86.34722	7.22	2.0	881	573	268	55.11	31.10	29.99	298	0.38	1.28	27.11	0.82	B.D.L	ND	Absent
95	GW 9689	Khagaria	Khagaria	Babhangama	Babhangama	15	Shri Bhola Sah	25.525819	86.328324	7.31	1.0	682	443	264	59.32	28.19	35.98	294	0.29	1.23	14.98	0.63	B.D.L	ND	Absent
96	GW 9690	Khagaria	Gogri	Borna	Borna	9	Md. Atahyullah Ansari	25.5433789	86.617168	7.29	2.0	589	448	220	48.09	24.30	37.98	220	0.81	1.26	21.64	0.68	B.D.L	ND	Absent
97	GW 9691	Khagaria	Gogri	Rampur	Rampur	3	Near Shiv Mandir	25.408389	86.660548	7.66	1.0	836	543	320	75.35	32.06	53.97	360	0.87	4.93	21.12	0.90	B.D.L	ND	Absent
98	GW 9692	Khagaria	Gogri	Ratan	Ratan	17	Bipin Kumar	25.438598	86.639224	7.33	1.0	782	508	272	60.92	29.15	49.98	244	0.67	1.36	10.91	0.87	B.D.L	ND	Absent
99	GW 9693	Khagaria	Gogri	Ratan	Ratan	18	Guruswan Yadav	25.446626	86.634495	7.48	1.0	815	530	324	73.75	34.02	31.98	372	0.50	1.54	13.80	0.81	B.D.L	ND	Absent
100	GW 9244	Samastipur	Vidyapatinagar	Bajidpur	Bajidpur	Bajidpur	Md. Afroz	25.586249	85.779089	7.43	1.0	1164	757	512	115.43	54.43	45.98	372	0.81	20.32	37.12	0.25	B.D.L	ND	Absent

Sl. No.	Sample Code	District Name	Block Name	Panchayat Name	Village Name	Habitation/Ward No.	Location Details	Latitude	Longitude	Physico - Chemical and Bacteriological Parameters														
										pH	Turb.	EC	TDS	TH	Ca	Mg	Cl	Alka.	Fe	NO_3	SO_4	F	As	m...
										-	NTU	Lmhos/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	MPN/...
										Desirable Limit*	6.5-8.5	1.0	-	500	200	75.00	30.00	250.00	200	1.00	45.00	200.00	1.00	0.010	0.10	-
										Permissible Limit* in absence of alternate source	NR	5.0	-	2000	600	200.00	100.00	1000.00	600	NR	NR	400.00	1.50	NR	0.30	-
101	GW 9245	Samastipur	Vidyapatinagar	Gadhsisai	Gadhsisai	Gadhsisai	P.S Gadhsisai	25.632081	85.799487	7.46	1.0	890	578	340	62.52	44.85	51.97	344	0.52	3.76	65.81	0.31	B.D.L	ND	Absent
102	GW 9246	Samastipur	Vidyapatinagar	Kancha	Kancha	Kancha	Nagina Chowk	25.633867	85.741587	7.65	1.0	476	309	176	33.66	22.35	55.97	190	0.28	4.33	14.48	0.34	B.D.L	ND	Absent
103	GW 9247	Samastipur	Mohanpur	Baghda	Baghda	Baghda	Devendra Prasad Singh	25.558449	85.583021	7.82	0.5	412	268	228	51.30	24.30	47.98	248	0.83	8.21	38.52	0.54	B.D.L	ND	Absent
104	GW 9248	Samastipur	Mohanpur	Dashara	Adhilalpur	Adhilalpur	Sonelal Paswan	25.573125	85.634389	7.52	0.5	364	237	144	38.47	11.66	63.97	182	0.38	3.29	10.36	0.58	0.004	ND	Absent
105	GW 9249	Samastipur	Mohanpur	Ghamipatti Pachhimi	Baruaa Jahigra	Baruaa Jahigra	P.S Baruaa Jahigra	25.564053	85.574042	7.60	1.0	342	222	140	33.66	13.65	31.98	166	0.52	3.64	7.52	0.70	B.D.L	ND	Absent
106	GW 9250	Samastipur	Mohanpur	Jalalpur	Shahpur Barat	Shahpur Barat	P.S Shahpur Barat	25.559658	85.535136	7.72	1.0	428	278	192	35.27	25.27	33.98	200	0.76	2.74	12.36	0.25	0.005	ND	Absent
107	GW 9251	Samastipur	Patori	Bahadurpur	Purv Tola	Purv Tola	Suresh Paswan	25.625649	85.603579	7.78	1.0	906	590	344	81.76	34.02	47.98	342	0.34	30.42	20.56	0.55	B.D.L	ND	Absent
108	GW 9252	Samastipur	Patori	Chaksahi	Chaksahp	Chaksahp	Lalbabu Rai	25.590447	85.621852	7.42	1.0	660	364	264	66.11	30.13	55.97	244	0.39	2.11	9.66	0.52	0.007	ND	Absent
109	GW 9253	Samastipur	Patori	Dadwini Chhoun	Pasi Tola	Pasi Tola	Shankar Choudhary	25.595375	85.545669	7.59	1.0	684	447	260	72.14	19.44	51.97	248	0.42	2.33	16.72	0.36	B.D.L	ND	Absent
110	GW 9254	Samastipur	Patori	Eyanayatpur	Eyanayatpur	Eyanayatpur	Pakka Par	25.599317	85.544827	7.42	1.0	710	461	228	48.09	26.24	45.98	250	0.25	1.82	13.94	0.48	B.D.L	ND	Absent
111	GW 9255	Samastipur	Mohiuddinagar	Raspur Patasiya east	Raspur Patasiya east	9	Ravi Ranjan Singh	25.563649	85.730797	7.61	1.0	608	395	268	59.31	29.16	43.98	242	0.24	19.84	15.43	0.51	B.D.L	ND	Absent
112	GW 9256	Samastipur	Mohiuddinagar	Raspur Patasiya east	Raspur Patasiya east	4	Mina Devi	25.553884	85.730382	7.42	1.0	564	367	256	51.30	31.10	39.98	236	0.36	2.42	7.12	0.56	B.D.L	ND	Absent
113	GW 9257	Samastipur	Mohiuddinagar	Raspur Patasiya east	Raspur Patasiya east	10	Devendra Paswan	25.56369	85.729129	7.34	1.0	620	403	252	40.38	36.94	37.98	264	0.48	5.14	16.44	0.68	0.005	ND	Absent
114	GW 9258	Samastipur	Mohiuddinagar	Raspur Patasiya east	Raspur Patasiya east	3	Vijay Kumar	25.550092	85.722813	7.51	1.0	948	616	408	91.38	43.74	39.98	282	0.82	3.36	17.93	0.72	0.007	ND	Absent
115	GW 9259	Samastipur	Samastipur	Dharmpur	Dharmpur	4	Sudist Maharl	25.864079	85.766751	7.53	1.0	724	471	248	52.90	28.19	45.98	244	0.76	6.84	43.52	0.54	B.D.L	ND	Absent
116	GW 9260	Samastipur	Samastipur	Nirpur	Nirpur	Nirpur	Kamal Kishore	25.875314	85.711429	7.74	1.0	752	489	264	54.50	31.10	29.99	264	0.80	3.72	45.33	0.66	B.D.L	ND	Absent
117	GW 9261	Samastipur	Samastipur	Vikrampur	Vikrampur	Vikrampur	Kailash Roy	25.841012	85.743219	7.62	1.0	913	593	344	83.36	33.05	67.97	394	0.87	6.34	55.10	0.68	B.D.L	ND	Absent
118	GW 9649	Bhojpur	Sahpur	Goura	Chanoor	Chanoor	M.S	25.652871	84.497866	7.52	1.0	524	341	224	60.92	17.49	53.97	222	0.48	5.62	6.56	0.43	B.D.L	ND	Absent
119	GW 9650	Bhojpur	Sahpur	Khutha	Dharmaqatpur	Dharmaqatpur	Harijan Toli	25.677.59	84.340248	7.47	1.0	810	526	188	44.89	18.47	47.98	182	0.62	16.64	6.72	0.57	B.D.L	ND	Absent
120	GW 9651	Bhojpur	Sahpur	Bahoranpur	Charnarpur	Charnarpur	Middle School	25.655464	84.433931	7.98	1.0	632	411	260	51.30	32.08	45.98	244	0.90	11.72	2.36	0.84	B.D.L	ND	Absent
121	GW 9652	Bhojpur	Sahpur	Damodarpur	Damodarpur	Damodarpur	Jaykishun Paswan	25.676181	84.43572	7.31	1.0	692	450	220	44.89	26.24	47.98	180	0.41	5.12	2.58	0.50	B.D.L	ND	Absent
122	GW 9653	Bhojpur	Barhara	New Tola	Shero Dehri	4	Samudaik Bhawan	25.678989	84.674577	7.25	1.0	598	389	228	52.90	23.33	49.98	218	0.57	6.64	10.44	0.52	B.D.L	ND	Absent
123	GW 9654	Bhojpur	Barhara	Babura	Babura	3	Panchayat Bhawan	25.679549	84.782812	7.35	1.0	389	253	180	41.68	18.47	33.98	174	0.52	1.96	27.57	0.54	B.D.L	ND	Absent
124	GW 9655	Bhojpur	Barhara	Gaziapur	farhada	10	Panchayat Bhawan	25.685063	84.857977	7.24	1.0	366	238	160	38.48	15.55	67.97	158	0.46	1.10	20.11	0.46	B.D.L	ND	Absent
125	GW 9656	Bhojpur	Barhara	Babahangama	Chatar	3	Upgrade Middle School	25.649947	84.767249	7.62	1.0	470	305	216	59.32	16.52	49.98	160	0.32	1.58	20.91	0.78	B.D.L	ND	Absent
126	GW 9781	Saran	Manjhi	Baiesara	Baiesara	Baiesara	Sati Sthan	25.903136	84.609752	7.38	1.0	508	330	224	52.90	22.36	41.98	238	0.41	4.73	10.81	0.52	B.D.L	ND	Absent
127	GW 9782	Saran	Manjhi	Bareja	Babhanoliya	Babhanoliya	Radhunath Panday	25.89732	84.546371	7.41	1.0	392	253	192	44.89	19.44	29.99	200	0.54	1.92	24.46	0.46	B.D.L	ND	Absent
128	GW 9783	Saran	Manjhi	Chefuf	Chefuf	Chefuf	Motichand Singh	25.916255	84.505509	7.82	1.0	576	374	188	40.08	21.38	31.98	196	0.42	2.21	27.62	0.33	B.D.L	ND	Absent
129	GW 9784	Saran	Manjhi	Daudpur	Daudpur	Daudpur	Shri Sitaram parsad	25.906251	84.592871	7.64	1.0	374	243	148	41.68	10.69	41.98	170	0.26	6.44	31.98	0.29	B.D.L	ND	Absent
130	GW 9785	Saran	Rivilganj	Sitab Diyara	Rameshwar Tola	Rameshwar Tola	sri Bharat Singh	25.762256	84.607525	7.53	1.0	582	378	264	52.90	32.08	63.97	258	0.34	10.75	30.81	0.24	B.D.L	ND	Absent
131	GW 9786	Saran	Rivilganj	Sitab Diyara	Lala Tola	Lala Tola	Bin Toli	25.76046	84.609538	7.42	1.0	510	331	180	40.08	19.44	55.97	176	0.51	2.43	47.10	0.41	B.D.L	ND	Absent
132	GW 9787	Saran	Rivilganj	Sitab Diyara	Lala Tola	Lala Tola	Pani Tanki	25.764569	84.607132	7.43	1.0	442	287	216	51.30	21.38	49.98	224	0.48	2.69	45.72	0.58	B.D.L	ND	Absent
133	GW 9788	Saran	Chapra Sadar	Chirarg	Lodipur	Lodipur	Md. Lore Public School	25.743475	84.821852	7.82	1.0	464	302	224	48.09	25.27	35.98	220	0.22	4.43	13.51	0.53	B.D.L	ND	Absent
134	GW 9789	Saran	Chapra Sadar	Rajpur Bindganwa	Balwan Tola	Balwan Tola	Rohit Kumar	25.745994	84.820025	7.51	1.0	378	246	168	35.27	19.44	27.99	152	0.36	3.94	29.88	0.71	B.D.L	ND	Absent
135	GW 9790	Saran	Chapra Sadar	Musepur	Kansdiyara	Kansdiyara	Ashish Thakur	25.739318	84.89962	7.63	1.0	381	248	172	33.66	21.38	45.98	166	0.91	2.77	32.56	0.92	B.D.L	ND	Absent
136	GW 9791	Saran	Chapra Sadar	Dumri	Dumri	Dumri	Raman Paswan	25.735886	84.877182	7.73	1.0	458	298	176	38.47	19.44	43.98	190	0.94	2.42	35.78	0.51	B.D.L	ND	Absent
137	GW 7956	Lakhisarai	Badhiya	Anjanighat	Narsinghauli	Bhumihar Tola	Soket Kumar Singh	25.203608	85.990122	7.52	1.0	644	419	228	48.09	26.24	47.98	230	0.44	4.73	29.87	0.73	B.D.L	ND	Absent
138	GW 7957	Lakhisarai	Badhiya	Badhiya	Badhiya	Badhiya	Girls Primary School	25.285418	86.023612	7.26	0	467	303	204	49.69	19.44	19.99	204	0.49	2.66	26.64	0.52	B.D.L	ND	Absent
139	GW 7958	Lakhisarai	Badhiya	Dumri	Dhiradar	Dhiradar	Purshotam Mandal	25.218072	86.033829	7.31	0	458	298	212	<0.08	27.22	45.98	232	0.43	4.32	40.96	0.81	B.D.L	ND	Absent
140	GW 7959	Lakhisarai	Badhiya	Ejnighat	Turkeyjani	Turkeyjani	Sani Mahto	25.224321	85.988296	7.29	0	662	430	264	49.69	34.02	41.98	322	0.50	4.81	44.92	0.92	B.D.L	ND	Absent
141	GW 7960	Lakhisarai	Lakhisarai	Amahara	Amahara	Muslim Tola	Kaji Md.Sahab	25.204314	86.048632	7.42	1.5	478	311	208	35.27	29.16	51.97	248	0.47	2.10	42.81	0.56	B.D.L	ND	Absent
142	GW 7961	Lakhisarai	Lakhisarai	Badhangama	Badhangama	Badhangama	Pramod Singh	25.211361	86.031324	7.40	1.5	746	485	292	68.93	29.16	53.97	292	0.62	3.39	33.12	0.41	B.D.L	ND	Absent
143	GW 7962	Lakhisarai	Lakhisarai	Damadarpur	Bihraura	Bihraura	Panchyat Bhawan	25.126146	86.083796	7.49	1.0	742	482	284	56.11	34.99	57.97	318	0.51	4.43	38.16	0.90	B.D.L	ND	Absent
144	GW 7963	Lakhisarai	Suryagaraha	Abgil Rampur	Husaina	Husaina	M.S.Husaina	25.276759	86.27305	7.24	1.0	640	416	248	49.69	30.13	45.98	240	0.66	1.44	35.64	0.61	B.D.L	ND	Absent
145	GW 7964	Lakhisarai	Suryagaraha	Banshipur	Amarpur	Amarpur	Kurmi Tola	25.287378	86.327069	7.08	1.0	374	243	168	40.08	16.52	49.98	182	0.70	5.30	22.12	0.58	B.D.L	ND	Absent
146	GW 7965	Lakhisarai	Suryagaraha	Chaura Rajpur	Bhagatpur	Bhagatpur	P.S.Bhagatpur	25.204101	86.322499	7.52	0.5	578	376	228	38.47	32.08	31.98	248	0.48	5.72	18.90	0.44	B.D.L	ND	Absent
147	GW 7966	Lakhisarai	Suryagaraha	Chaura Rajpur	Rajpur	Chmar Tola	Rajendra Kumar	25.206279	86.311529	7.33	1.0	653	424	264	52.90	32.08	39.98	284	0.59	7.96	37.74	0.37	B.D.L	ND	Absent
148	GW 7967	Lakhisarai	Piparia	Ramchandrapur	Tari Par	Tari Par	Samudaik Bhawan	25.224851	86.162998	7.12	1.0	577	375	256	56.11	28.19	29.99	254	0.86	5.08	25.66	0.39	B.D.L	ND	Absent
149	GW 7968	Lakhisarai	Piparia	Saidpura	Anandpur	Anandpur	Ibrahm Sthan	25.188285	86.185554	7.20	1.0	494	321	220	49.69	23.33	47.98	244	0.64	4.11	27.48	0.67	B.D.L	ND	Absent
150	GW 7969	Lakhisarai	Piparia	Waliput	Waliput	Baba tola	Kishon Singh	25.247354	86.136263	7.29	1.0	657	427	248	52.90	28.19	53.98	272	0.80	6.88	32.71	0.48	B.D.L	ND	Absent
151	GW 7970	Lakhisarai	Piparia	Aolipur	Aolipur	Golapar	Hanuman Gadhi	25.243205	86.145511	7.34	1.0	488	317	228	51.30	24.30	47.98	224	0.37	7.09	37.46	0.64	B.D.L	ND	Absent
152	GW 8017	Begusarai	Bachhawara	Dadpur	Jitbazitpur	Jitbazitpur	Bimal Paswan	25.58175	85.939411	7.29	1.0	812	528	304	60.92	36.94	31.98	274	1.02	6.63	56.68	0.62	B.D.L	ND	Absent
153	GW 8018	Begusarai	Bachhawara	Fateha	Fateha	Fateha	Rajendar Sada	25.599402	85.961489	7.61	1.0	586	382	212	36.87	29.16	43.98	242	0.58	1.58	15.12	0.52	B.D.L	ND	Absent
154	GW 8019	Begusarai	Bachhawara	Bishanpur	Chiralyatok	Chiralyatok	Rajnarayan Rai	25.596824	85.871492	7.70	1.0	742	482	280	59.31	32.08	49.98	272	1.04	6.89	25.32	0.22	B.D.L	ND	Absent
155	GW 8020	Begusarai	Barauni	Malhipur S	Simariya Ghat	Simariya Ghat	Panchu Baba	25.381026	86.002337	7.64	1.0	782	508	288	57.71	34.99	35.98	268	0.91	4.57	38.81	0.24	B.D.L	ND	Absent

Sl No.	Sample Code	District Name	Block Name	Panchayat Name	Village Name	Habitation/Ward No.	Location Details	Latitude	Longitude	Physico - Chemical and Bacteriological Parameters														
										pH	Turb.	EC	TDS	TH	Ca	Mg	Cl	Alka.	Fe	NO_3	SO_4	F	As	Mn	T.Coli
									Unit	-	NTU	µmho/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	MPN/100ml
									Desirable Limit*	6.5-8.5	1.0	-	500	200	75.00	30.00	250.00	200	1.00	45.00	200.00	1.00	0.010	0.10	-
									Permissible Limit* in absence of alternate source	NR	5.0	-	2000	600	200.00	100.00	1000.00	600	NR	NR	400.00	1.50	NR	0.30	**
156	GW 8021	Begusarai	Barauni	Simariya 1	Simariya 1	Simariya 1	Dinakar H.School	25.421047	86.00121	7.68	0.5	940	611	352	75.35	29.85	45.96	312	1.08	5.12	45.13	0.49	B.D.L	ND	Absent
157	GW 8022	Begusarai	Barauni	Pipra Devas	Pipra Dih	Papraur	Shibu Yadav	25.450562	86.019165	7.52	1.0	738	480	264	59.31	28.19	61.97	268	0.58	6.30	30.88	0.42	B.D.L	ND	Absent
158	GW 8023	Begusarai	Barauni	Papraur	Papraur	Papraur	Rajeev Rai	25.394385	86.142206	7.66	0.5	812	528	288	67.33	29.16	47.98	262	0.48	2.74	48.82	0.75	B.D.L	ND	Absent
159	GW 8024	Begusarai	S Kamal	Ragu. Barari	Chharaptti	Chharaptti	Ganga Mochi	25.42445	86.43033	7.76	1.0	962	625	340	73.74	37.91	63.97	310	0.97	7.88	66.93	0.42	B.D.L	ND	Absent
160	GW 8025	Begusarai	S Kamal	Ragu. Barari	Chharaptti	Chharaptti	Durga asthan	25.448171	86.039114	7.61	1.0	890	578	348	81.76	34.99	25.99	370	1.02	2.32	74.41	0.73	B.D.L	ND	Absent
161	GW 8026	Begusarai	S Kamal	Ragu. Barari	Pachaveer	Pachaveer	Shiv Mahto	25.432157	86.426934	7.78	1.0	656	426	224	43.28	28.19	21.99	236	1.04	2.78	38.92	0.55	B.D.L	ND	Absent
162	GW 8027	Begusarai	Matihani	Balahpur 2	Nayagaon	Naragaon	Janta H.School	25.439737	86.429989	7.52	1.0	972	437	252	59.31	25.27	23.99	198	1.28	5.53	21.82	0.93	B.D.L	ND	Absent
163	GW 8028	Begusarai	Matihani	Matihani	Matihani	Matihani	Block Campus	25.373051	86.160242	7.27	1.0	864	432	256	54.50	29.16	41.98	220	1.37	3.62	27.44	0.58	B.D.L	ND	Absent
164	GW 8029	Begusarai	Matihani	Maniappa	Bimdavan	Bimdavan	Primary School	25.367393	86.162657	7.40	1.0	459	298	192	44.88	19.44	33.98	184	1.28	2.71	20.72	0.76	B.D.L	ND	Absent
165	GW 8030	Begusarai	Teghra	N.Madhurapur	N.Madhurapur	14	Guptawan ke Pass	25.483404	85.940172	7.16	1.0	943	613	336	75.35	36.96	47.98	352	0.72	4.82	46.22	0.88	B.D.L	ND	Absent
166	GW 8031	Begusarai	Teghra	N.Madhurapur	N.Madhurapur	N.Madhurapur	Arun Singh	25.485237	85.933172	7.22	0.5	624	406	244	52.90	27.22	49.96	244	1.03	4.80	24.89	0.68	B.D.L	ND	Absent
167	GW 8032	Begusarai	Teghra	N.Madhurapur	N.Madhurapur	13	Naveen Singh	25.48/864	85.939859	7.51	0.5	786	511	260	57.71	28.19	35.96	278	1.65	6.81	38.76	0.25	B.D.L	ND	Absent
168	GW 8033	Begusarai	Teghra	N.Madhurapur	N.Madhurapur	11	Naga Sah	25.495975	85.940905	7.29	1.0	929	603	340	68.93	40.82	43.96	382	0.88	6.30	47.88	0.36	B.D.L	ND	Absent
169	GW 8034	Begusarai	Ballia	Baniyarpur	Baniyarpur	Baniyarpur	Ashok Kumar	25.420686	86.303284	6.98	1.0	657	427	224	46.49	26.24	31.98	242	0.81	2.12	16.22	0.88	B.D.L	ND	Absent
170	GW 8035	Begusarai	Ballia	Bhagatpur	Nagar Gawn	Nagar Gawn	Paswan Choudhary	25.422259	86.315948	7.62	1.0	978	636	332	76.95	34.02	43.98	282	0.93	4.62	58.99	0.43	B.D.L	ND	Absent
171	GW 8036	Begusarai	Ballia	Nurjamapur	Nurjamapur	Nurjamapur	H. Chak	25.421944	86.292987	7.44	1.0	712	463	264	51.30	33.05	53.97	274	1.28	3.68	38.80	0.87	B.D.L	ND	Absent
172	GW 8037	Begusarai	Ballia	Pokhania	Danauli	Pokhania	Pulwana Balthaka	25.417568	86.274685	7.48	1.0	978	636	416	78.55	53.46	49.98	348	0.80	5.62	64.90	0.66	B.D.L	ND	Absent
173	GW 8913	Katihar	Kursela	E.Muradpur	Baeuhar	Majadiya (Basuhar)	Bindeshwari Jaiswal	25.454291	87.272786	7.49	1.0	348	226	144	25.65	19.44	33.98	148	0.65	3.10	14.39	0.80	B.D.L	ND	Absent
174	GW 8914	Katihar	Kursela	N.Muradpur	Dabipur	Balmi	Ramanang Yadav	25.464994	87.269407	7.28	2.0	373	242	176	35.27	21.38	53.98	174	0.84	2.36	12.98	0.74	B.D.L	ND	Absent
175	GW 8915	Katihar	Kursela	E.Muradpur	Majadiya	Kamlakanhi	Babulal Sharma	25.461156	87.276981	7.24	1.0	364	237	184	43.28	18.47	49.96	172	0.78	2.42	14.88	0.82	B.D.L	ND	Absent
176	GW 8916	Katihar	Manihari	Kumaripur	Kumaripur	Rashulpur/02	Janarghan Thakur	25.448568	87.605832	7.41	1.0	381	248	180	44.88	16.52	35.98	160	0.79	1.59	11.46	0.71	B.D.L	ND	Absent
177	GW 8917	Katihar	Manihari	Dilarpur	Dilarpur	Upender Parihar/06	Rajesh Jha	25.387378	87.597499	7.49	1.0	473	307	224	48.09	26.27	49.98	224	0.88	3.18	13.78	0.48	B.D.L	ND	Absent
178	GW 8918	Katihar	Manihari	Manihari	Dogachhi	Prakash Singh/01	Airtel Tower Ke Pass	25.358456	87.640076	7.60	1.0	480	312	228	35.27	34.02	21.98	232	0.78	2.42	18.11	0.46	B.D.L	ND	Absent
179	GW 8919	Katihar	Manihari	Badhar	Badhar	Jai Narayan Yadav/13	Nadi Kinare	25.345575	87.644701	7.58	0.5	388	252	196	38.47	24.30	43.96	200	0.62	2.51	16.84	0.73	B.D.L	ND	Absent
180	GW 8920	Katihar	Amdabad	East Karimullpur	Paharpur	Abhilash Katal/05	Nadi Kinare	25.321763	87.805379	7.32	2.0	362	253	172	41.68	16.52	59.97	182	0.55	1.74	12.66	0.69	B.D.L	ND	Absent
181	GW 8921	Katihar	Amdabad	Hasanpur	Vidhuriya	Vidhuriya/10	U.M.S	25.326807	87.722649	7.41	1.0	358	233	148	30.46	17.45	65.97	158	0.92	3.82	7.52	0.52	B.D.L	ND	Absent
182	GW 8922	Katihar	Amdabad	Charramari	Charramari	Rahul Kumar/04	Pani Tanki	25.316978	87.757728	7.33	1.0	349	227	164	36.87	17.49	41.98	162	0.98	2.92	10.81	0.48	B.D.L	ND	Absent
183	GW 8923	Katihar	Sameli	Muradpur	Kalkatari Milk	Badhshiya	Laxman Sharma	25.475895	87.244977	7.49	1.0	348	226	124	27.25	13.61	43.98	156	0.91	2.77	16.02	0.44	B.D.L	ND	Absent
184	GW 8924	Katihar	Sameli	Muradpur	Morsanda Milk	Mandal Tola	Satyanarayan Singh	25.495577	87.235435	7.52	1.0	476	309	184	30.46	26.24	41.98	198	0.76	1.98	13.74	0.42	B.D.L	ND	Absent
185	GW 8925	Katihar	Sameli	Muradpur	Muradpur	Nazir Chakiya	Chuthai Mahaldar	25.492941	87.269509	7.43	1.0	912	593	308	67.33	34.02	71.96	330	0.78	3.58	29.39	0.37	B.D.L	ND	Absent
186	GW8926	Katihar	Sameli	Maithana	Bakhri	Bakhri	Manager Rishi	25.507556	87.302925	7.63	1.0	958	623	324	65.73	36.88	59.97	338	0.54	4.38	35.91	0.32	B.D.L	ND	Absent
187	GW 8927	Katihar	Barari	Barari	Barari	Pawan Sharma/11	Panchayat Bhawan	25.501364	87.374086	7.29	0.5	347	225	172	41.68	16.52	39.98	174	1.12	2.48	18.32	0.76	B.D.L	ND	Absent
188	GW 8928	Katihar	Barari	Barari	Barari Haat	Devi Bareta/06	Bhagwati Mandir	25.506962	87.376057	7.34	0.5	353	229	148	43.28	9.72	29.99	156	0.64	3.16	16.74	0.82	B.D.L	ND	Absent
189	GW 8929	Katihar	Barari	Bareta	Devi Bareta	Ras Bihari Choudhary/18	Samudaik Bhawan	25.525935	87.454359	7.29	1.0	310	201	152	40.08	12.64	49.98	170	0.53	4.64	10.58	0.59	B.D.L	ND	Absent
190	GW 8930	Katihar	Barari	Bishanpur	Dhara	School U.M.D	School U.M.D	25.430644	87.485912	7.54	0.5	494	321	180	36.87	21.38	65.97	192	0.71	2.38	10.10	0.43	B.D.L	ND	Absent
191	GW 9574	Patna	Sadar	Nagar Panchayat	Bakarganj Side	Bakarganj Side	Sanu	25.61727	85.149776	7.40	1.0	485	315	304	75.35	28.19	41.98	236	0.31	4.62	9.39	0.42	B.D.L	ND	Absent
192	GW 9575	Patna	Sadar	Nagar Panchayat	Sardpur	Kali Mandir	Suresh Rajak	25.612738	85.169042	7.81	1.0	669	435	224	44.88	27.30	35.98	340	0.42	4.73	13.66	0.68	B.D.L	ND	Absent
193	GW 9576	Patna	Sadar	Nagar Panchayat	Musallahpur	Mohar Tola	Devi Asthan	25.613729	85.170372	7.48	1.0	458	298	232	49.69	26.24	51.97	244	0.36	4.24	10.29	0.55	B.D.L	ND	Absent
194	GW 9577	Patna	Sadar	Nagar Panchayat	Mahendru	Brahem Asthan	Mukesh Kumar	25.616648	85.716068	7.39	1.0	666	426	220	41.68	28.19	49.96	324	0.53	3.29	16.68	0.62	B.D.L	ND	Absent
195	GW 9578	Patna	Maner	Baluan	Baluan	Baluan	Dhanraj Singh	25.653589	84.874186	7.23	1.0	432	281	256	44.49	34.02	39.98	252	0.47	3.81	16.78	0.61	B.D.L	ND	Absent
196	GW 9579	Patna	Maner	Baluan	Baluan	Baluan	Nagilal Paswan	25.650909	84.876422	7.29	1.0	348	226	304	72.14	30.13	23.99	176	0.73	5.12	17.93	0.56	B.D.L	ND	Absent
197	GW 9580	Patna	Maner	Baluan	Baluan	Baluan	Devi Sthan	25.64947	84.881363	7.32	1.0	352	229	300	52.90	40.95	45.98	208	0.87	5.94	23.27	0.93	0.004	ND	Absent
198	GW 9581	Patna	Maner	Baluan	Baluan	Baluan	Mahavir Sthan	25.6518273	84.8789095	7.34	0.5	369	240	228	46.49	27.22	53.98	172	0.86	3.57	40.73	0.61	B.D.L	ND	Absent
199	GW 9582	Patna	Patna Rural	Fatehpur	Fatehpur	Fatehpur	Near SDV Public School	25.509329	85.191442	7.21	1.0	372	242	348	72.14	40.82	47.98	178	0.38	4.36	9.67	0.48	B.D.L	ND	Absent
200	GW 9583	Patna	Patna Rural	Sabalpur	Sabalpur	Bastal	Ramp Paswan	25.557589	85.2 U384	7.54	1.0	436	283	224	65.73	14.58	19.99	164	0.31	5.78	13.46	0.64	B.D.L	ND	Absent
201	GW 9584	Patna	Patna Rural	Sonavan	Gyanchak	Banpartola	Shri Amrit Singh	25.548224	85.240366	7.72	1.0	374	243	288	75.35	24.30	39.98	168	0.57	6.13	13.10	0.82	B.D.L	ND	Absent
202	GW 9585	Patna	Patna Rural	Sonavan	Gyanchak	Banpartola	Shri Shivbalak Singh	25.548521	85.239779	7.54	1.0	338	259	296	70.54	29.16	33.98	190	0.62	3.82	17.22	0.78	B.D.L	ND	Absent
203	GW 9586	Patna	Bakhtiyarpur	Ghosvari	Ghosvari	Badio Toli	Kali Asthan/Chunkhandi	25.458536	85.489279	7.35	1.0	612	398	184	44.88	17.49	45.98	248	0.44	3.58	11.08	0.72	0.010	ND	Absent
204	GW 9587	Patna	Bakhtiyarpur	Hardaspur	Hardaspur	Hardaspur	Khalil Mahto	25.479346	85.547479	7.32	1.0	510	331	228	35.27	34.02	29.99	194	0.32	2.73	8.36	0.66	B.D.L	ND	Absent
205	GW 9588	Patna	Barh	Rupas Mahajeet	Maruaahi	Maruaahi	Yogi Road	25.499712	85.468645	6.93	1.0	520	338	276	51.30	35.96	35.99	222	0.64	3.21	13.29	0.28	B.D.L	ND	Absent
206	GW 9589	Patna	Barh	Bedhna Pachhim	Sarkati	Sarkati	Sahodar Paswan	25.496486	85.722171	7.28	1.0	687	446	260	70.54	20.41	55.97	328	0.81	3.72	11.43	0.32	B.D.L	ND	Absent
207	GW 9590	Patna	Barh	Andauli	Darveshpur	Darveshpur	Viveka Singh	25.3.0527	85.722688	7.27	1.0	539	350	368	86.57	36.94	47.98	224	0.76	3.16	9.91	0.42	B.D.L	ND	Absent
208	GW 9591	Patna	Barh	Ekdanga	Ekdanga	Ekdanga	Chamar Toli	25.382127	85.712096	7.20	1.0	482	313	236	62.52	19.44	33.98	238	0.71	3.11	29.62	0.37	0.002	ND	Absent
209	GW 9592	Patna	Barh	Ibrahimpur	Malavad	Malavad	Ganban Rai	25.451193	85.668033	7.56	1.0	496	322	336	83.37	31.10	47.98	244	0.44	2.72	18.48	0.34	B.D.L	ND	Absent
210	GW 9593	Patna	Pandarak	Nara Bakma	Bakma	Bakma	Kanti Singh	25.373791	85.777758	7.33	1.0	752	489	228	41.68	30.13	63.97	264	0.92	0.92	11.56	0.42	B.D.L	ND	Absent

S. No.	Sample Code	District Name	Block Name	Panchayat Name	Village Name	Habitation/Ward No	Location Details	Latitude	Longitude	Physico - Chemical and Bacteriological Parameters														
										pH	Turb.	EC	TDS	TH	Ca	Mg	Cl	Alka.	Fe	NO_3	SO_4	F	As	Mn	
									Unit	-	NTU	µmhos/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	MPN/100ml
									Desirable Limit*	6.5-8.5	1.0	-	500	300	75.00	30.00	250.00	200	1.00	45.00	200.00	1.00	0.010	0.10	-
									Permissible Limit* in absence of alternate source	NR	5.0	-	2000	600	200.00	100.00	1000.00	600	NR	NR	400.00	1.50	NR	0.20	--
211	GW 9594	Patna	Pandarak	Ajora Bakma	Bakma	Bakma	Bakma	Lakshmi Singh	25.375465	85.780745	7.24	1.0	760	494	184	36.87	22.36	65.97	314	0.70	2.18	10.52	0.81	B.D.L	ND	Absent
212	GW 9595	Patna	Pandarak	Ajora Bakma	Bakma	Chakuahim	Chakuahim	Ravindra Singh	25.378739	85.70959	7.29	1.0	1008	655	188	41.68	20.41	71.96	332	0.88	1.84	13.74	0.72	B.D.L	ND	Absent
213	GW 9596	Patna	Pandarak	Ajora Bakma	Imadpur	Imadpur	Imadpur	Pattan Sah	25.377936	85.780734	7.24	1.0	881	573	168	32.06	21.38	59.97	326	0.64	1.92	14.08	0.43	B.D.L	ND	Absent
214	GW 9597	Patna	Mokama	Dariyapur	Dariyarpur	Dariyarpur	Dariyarpur	Surendra Singh	25.38443	85.966256	7.18	1.0	753	489	184	36.87	22.36	57.97	380	0.42	2.46	10.73	0.36	0.003	ND	Absent
215	GW 9598	Patna	Mokama	Dariyapur	Dariyarpur	Dariyarpur	Dariyarpur	Md. Shamim	25.382952	85.968781	7.32	0.5	462	300	196	43.29	21.38	33.98	256	0.44	2.96	10.62	0.33	B.D.L	ND	Absent
216	GW 9599	Patna	Mokama	Dariyapur	Dariyarpur	Dariyarpur	Dariyarpur	Dilip Choudhary	25.381131	85.966736	7.57	0.5	600	390	192	52.90	14.58	29.99	322	0.33	1.78	7.64	0.39	B.D.L	ND	Absent
217	GW 9600	Patna	Danapur	Hetanpur Madhopur	Bichli Tola	Ward No 6	Shyam Babu	Shyam Babu	25.580468	85.022437	7.32	1.0	508	330	176	32.06	23.33	67.97	248	0.54	4.88	13.84	0.35	B.D.L	ND	Absent
218	GW 9601	Patna	Danapur	Kothwa	Kothwa	Ward No 5	Rishidev Rai	Rishidev Rai	25.590973	85.049132	7.16	1.0	476	309	244	60.92	22.36	31.98	222	0.68	4.82	17.82	0.72	B.D.L	ND	Absent
219	GW 9602	Patna	Danapur	Manas Naya Panapur	Chirlya Tola	Ward No 13	Havaldar Ram	Havaldar Ram	25.662579	85.070962	7.32	0.5	464	302	184	43.29	19.47	37.98	230	0.46	2.73	65.81	0.63	B.D.L	ND	Absent
220	GW 9603	Patna	Danapur	Manas Naya Panapur	Manas	Ward No 19	Mela Rai	Mela Rai	25.702709	85.051091	7.16	1.0	578	376	228	40.08	31.10	53.97	300	0.49	5.74	39.76	0.58	B.D.L	ND	Absent

Note: * (i) Drinking Water Specification Second Revision -IS:10500:2012., (ii) All the testing methods are taken from APHA 23rd Edition 2017., (iii) BDL means Below Detection Limit., (iv) NR means no relaxation. (v) ** Shall not be detectable in any 100 ml sample, Not Done (ND)

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Signature of the Laboratory

SCIENTIFIC RESEARCH LABORATORY PATNA

STATE LEVEL WATER TESTING LABORATORY (SLWTL)

PHED, GOVT. OF BIHAR, CHHAJJUBAGH, PATNA-800001

Technical Consultancy by: Scientific Research Laboratory, 90, Lake East (4thRoad), Santoshpur, Jadavpur, Kolkata-700075

TEST CERTIFICATE

Report No: SLWTL/2021/GW - 9604-9611
Name of the Organisation: Departmental
Date of Sampling: 02.04.2021 to 06.04.2021

River Name: Punpun
Source of Sample: Drinking Water

Date of Reporting: 19.04.2021
Sample Collected By: SLWTL
Sample Received on: 09.04.2021

PHYSICO-CHEMICAL & BACTERIOLOGICAL TEST REPORT

Sl. No.	Sample Code	District Name	Block Name	Panchayet Name	Village Name	Habitation/Ward No.	Location Details	Latitude	Longitude	Physico - Chemical and Bacteriological Parameters														
										pH	Turb.	EC	TDS	TH	Ca	Mg	Cl	Alka.	Fe	NO_3	SO_4	F	As	Mn	T.Coli
									Unit	-	NTU	µmho/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	MPN/100ml
									Desirable Limit*	6.5-8.5	1.00	-	500	300	75.00	30.00	250.00	200	1.00	45.00	200.00	1.00	0.010	0.10	-
									Permissible Limit* in absence of alternate source	NR	5.00	-	2000	600	200.00	100.00	1000.00	600	NR	NR	400.00	1.50	NR	0.30	**
1	GW 9604	Patna	Fatuha	Alavalpur	Alavalpur	Alavalpur	Suresh Das	25.498698	85.203812	7.63	1.0	448	291	188	40.08	21.36	43.98	260	0.36	1.46	19.57	0.47	B.D.L	ND	Absent
2	GW 9605	Patna	Fatuha	Dumri	Dumri	Nathupur	Nathupur	25.507049	85.276206	7.38	1.0	569	370	224	57.71	19.44	31.98	244	0.36	1.03	16.82	0.25	B.D.L	ND	Absent
3	GW 9606	Patna	Fatuha	Fatuha	Fatuha	Maksudpur	Uttkarsit M. S.	25.507956	85.324628	7.73	1.0	482	313	264	70.54	21.38	25.99	272	0.22	2.14	16.61	0.26	B.D.L	ND	Absent
4	GW 9607	Patna	Fatuha	Gauripunda	Batba	Gauripundah	Ram Vilas Singh	25.472273	85.322689	7.86	1.0	376	244	256	62.52	24.30	33.98	286	0.36	3.68	14.66	0.52	B.D.L	ND	Absent
5	GW 9608	Patna	Punpun	Akauna	Maranchi	Maranchi	Sudhe Manjhi	25.549354	85.130628	6.82	1.0	39[illegible]	255	176	52.90	10.69	63.97	198	0.33	2.84	13.73	0.43	B.D.L	ND	Absent
6	GW 9609	Patna	Punpun	Baral	Kutubpur	Kutubpur	Dinesh Thakur	25.438197	85.025038	7.22	1.0	512	333	264	44.89	36.94	31.98	232	0.25	1.06	10.82	0.38	B.D.L	ND	Absent
7	GW 9610	Patna	Punpun	Behrava	Behravan	Behravan	Jafar Miya	25.48701	85.028023	7.36	1.0	524	341	280	48.09	38.88	47.98	320	0.39	1.84	14.94	0.44	B.D.L	ND	Absent
8	GW 9611	Patna	Punpun	Chakiya	Chakiya	Chakiya	Dhirendu Das	25.492183	85.021789	7.18	1.0	608	395	340	[illegible]0.54	39.85	55.97	342	0.24	1.72	18.36	0.61	B.D.L	ND	Absent

Note: * (i) Drinking Water Specification Second Revision -IS:10500:2012., (ii) All the testing methods are taken from APHA 23rd Edition 2017., (iii) BDL means Below Detection Limit., (iv) NR means no relaxation, (v) ** Shall not be detectable in any 100 ml sample, Not Done (ND)

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19/04/2021

Signature of the Lab [illegible]

SCIENTIFIC RESEARCH LABORATORY PATNA GOVT.

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STATE LEVEL WATER TESTING LABORATORY (SLWTL)
PHED, GOVT. OF BIHAR, CHHAJJUBAGH, PATNA-800001
Technical Consultancy by: Scientific Research Laboratory, 90, Lake East (4thRoad), Santoshpur, Jadavpur, Kolkata-700075

TEST CERTIFICATE

Report No: SLWTL/2021/GW -8003-8016
Name of the Organisation: Departmental
Date of Sampling: 18.03.2021 to 20.03.2021

River Name: Sikrahna
Source of Sample: Drinking Water

Date of Reporting: 19.04.2021
Sample Collected By: SLWTL
Sample Received on: 23.03.2021

PHYSICO-CHEMICAL & BACTERIOLOGICAL TEST REPORT

Sl. No.	District Name	Block Name	Panchayat Name	Village Name	Habitation Name	Location Details	Latitude	Longitude	Physico - Chemical and Bacteriological Parameters																
									pH	Turb.	EC	TDS	TH	Ca	Mg	Cl	Alka.	Fe	NO_3	SO_4	F	As	Mn	T.Coli
								Unit	-	NTU	µmho/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	MPN/100ml
								Desirable Limit*	6.5-8.5	1.00	-	500	200	75.00	30.00	250.00	200	1.00	45.00	200.00	1.00	0.010	0.10	-
								Permissible Limit* in absence of alternate source	NR	5.00	-	2000	600	200.00	100.00	1000.00	600	NR	NR	400.00	1.50	NR	0.30	**
1	W Champaran	Narkatiyaganj	Dhumnagar	Noniya Tola	Ward No - 03	Shambhu Singh	27.105396	84.453328	7.52	1.0	473	307	212	43.29	25.27	25.99	238	0.55	3.29	2.52	0.39	0.002	ND	Absent
2	W Champaran	Narkatiyaganj	Dhumnagar	Dhumnagar	Gadiyani Tola	School	27.100426	84.454561	7.84	1.0	586	381	308	78.57	27.12	35.98	346	0.60	1.16	8.91	0.37	B.D.L	ND	Absent
3	W Champaran	Narkatiyaganj	Dhumnagar	Dhumnagar	Ward NO - 04	Dhumnagar Chawk	27.100746	84.45438	7.48	1.0	487	316	244	65.73	19.44	29.99	266	0.47	3.76	6.34	0.39	B.D.L	ND	Absent
4	W Champaran	Narkatiyaganj	Dhumnagar	Noniya Tola	Ward No - 03	Rajbansi Chaudhury	27.1605959	84.452671	7.60	1.0	492	320	292	56.11	36.94	43.98	264	0.68	2.84	6.59	0.52	0.003	ND	Absent
5	W Champaran	Chanpatiya	Nagar Panchayat	Block Campus	Block Campus	Mandir Ke Bagal Me	26.944409	84.536855	7.49	0.5	544	354	264	76.95	17.49	47.98	262	0.53	2.44	45.12	0.32	B.D.L	ND	Absent
6	W Champaran	Chanpatiya	Bankat Parouna	Bankat Parouna	Ward No - 01	Kashi Raut	26.945985	84.51566	7.53	0.5	373	242	196	35.27	26.24	29.99	228	0.60	6.32	28.29	0.44	B.D.L	ND	Absent
7	W Champaran	Chanpatiya	Uttar Ghogha	Barka Gawn	Ward No-04	Jhola Mahto	26.936032	84.610541	7.31	0.5	381	248	164	43.29	18.47	21.99	190	0.88	11.82	16.78	0.58	B.D.L	ND	Absent
8	W Champaran	Chanpatiya	Jetiya	Kokila Dih	Kokila Dih	Primary School	26.930716	84.573324	7.46	1.0	396	259	180	56.11	9.72	43.98	200	0.53	1.32	30.11	0.39	B.D.L	ND	Absent
9	W Champaran	Sikta	Puraina	Maheshra	Maheshra	Balister Sahani	26.864875	84.641769	7.41	1.0	436	283	188	44.89	18.47	23.98	210	0.29	2.23	21.32	0.81	B.D.L	ND	Absent
10	W Champaran	Sikta	Puraina	Maheshra	Maheshra	Aslam Dewan	26.85652	84.642542	7.45	0.5	424	276	172	40.08	17.49	31.98	184	0.24	2.43	27.22	0.43	B.D.L	ND	Absent
11	W Champaran	Manjholiya	Harpur Gadhwa	Harpur	Ward No-11	Lal Dev Mahto	26.843476	84.663545	7.52	0.5	593	385	300	68.94	31.10	29.99	272	0.25	1.36	17.23	0.41	B.D.L	ND	Absent
12	W Champaran	Manjholiya	Barba Segra Ghat	Barba	Barba	Choudhary Sah	26.852077	84.656796	7.28	0.5	658	428	312	86.57	23.33	31.98	312	0.33	1.19	11.12	0.42	B.D.L	ND	Absent
13	W Champaran	Manjholiya	Gudra	Gudra	Ward No-01	Rajendra Sah	26.802385	84.740375	7.81	1.0	722	469	308	91.38	19.44	37.98	316	0.39	3.29	24.32	0.33	B.D.L	ND	Absent
14	W Champaran	Manjholiya	Bahuarwa	Panday Tola	Panday Tola	Manoj Bambal	26.774168	84.709559	7.62	1.0	826	537	328	84.97	28.19	79.97	342	0.52	3.12	17.38	0.46	B.D.L	ND	Absent

Note: * (i) Drinking Water Specification Second Revision, IS 10500:2012 (ii) All the testing methods are taken from APHA 23rd Edition 2017. (iii) BDL means Below Detection Limit. (iv) NR means no relaxation (v) ** Shall not be detectable in any 100 ml sample, Nil: Done (ND)

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STATE LEVEL WATER TESTING LABORATORY (SLWTL)
PHED, GOVT. OF BIHAR, CHHAJJUBAGH, PATNA-800001
Technical Consultancy by: Scientific Research Laboratory, 99, Lake East (4thRoad), Santoshpur, Jadavpur, Kolkata-700075

TEST CERTIFICATE

Report No: SLWTL/2021/GW -7999-8002
Name of the Organisation: Departmental
Date of Sampling: 18.03.2021 to 20.03.2021
River Name: Ram Rekha
Source of Sample: Drinking Water
Date of Reporting: 19.04.2021
Sample Collected By: SLWTL
Sample Received on: 23.03.2021

PHYSICO-CHEMICAL & BACTERIOLOGICAL TEST REPORT

Sl. No.	District Name	Block Name	Panchayat Name	Village Name	Habitation Name	Location Details	Latitude	Longitude	Physico - Chemical and Bacteriological Parameters														
									pH	Turb.	EC	TDS	TH	Ca	Mg	Cl	Alka.	Fe	NO_3	SO_4	F	As	Mn	T.Coli
								Unit	-	NTU	µmho/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	MPN/100ml
								Desirable Limit*		5.00	-	500	200	75.00	30.00	250.00	200	1.00	45.00	200.00	1.00	0.010	0.10	-
								Permissible Limit* in absence of alternate source	NR	5.00	-	2000	600	200.00	100.00	1000.00	600	NR	NR	400.00	1.50	NR	0.30	**
1	West Champaran	Ramnagar	Nagar Panchayat	Chhat Ghat	Ward No-08	Sundar Chawk	27.166855	84.326758	7.32	4.0	634	412	312	73.75	31.10	59.97	330	0.48	4.36	21.76	0.37	B.D.L	ND	Absent
2	West Champaran	Ramnagar	Nagar Panchayat	Thana Campus	Thana Campus	Thana Campus	27.164269	84.326186	7.41	4.0	602	391	252	56.11	27.22	47.98	310	0.38	3.42	47.29	0.30	B.D.L	ND	Absent
3	West Champaran	Ramnagar	Nagar Panchayat	Chhat Ghat	Ward No-08	Bhagat Singh Chawk	27.163525	84.329317	7.24	4.0	643	418	264	59.32	28.19	43.98	364	0.24	2.82	47.33	0.49	B.D.L	ND	Absent
4	West Champaran	Ramnagar	Nagar Panchayat	Nagar Panchayat	Ward No-08	Anganwari	27.166226	84.334665	7.36	1.0	739	480	344	73.75	38.88	45.98	362	0.32	2.58	50.76	0.62	B.D.L	ND	Absent

Note: * (i) Drinking Water Specification Second Revision -IS:10500:2012., (ii) All the testing methods are taken from APHA 23rd Edition 2017., (iii) BDL means Below Detection Limit., (iv) NR means no relaxation. (v) ** Shall not be detectable in any 100 ml sample. Not Done (ND)

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Signature of the Lab Incharge

SCIENTIFIC RESEARCH LABORATORY PATNA

Annexure-4

Details of drains contributing river pollution:

1. Ganga River:

A total number of 42 drains having flow > 01 MLD discharging into river Ganga with total discharge/flow of **778 MLD** have been identified in Bihar stretch. The details of the drains with its flow, pollution load and quality are hereunder:-

Details of drains having flow >01 MLD discharging into River Ganga										
SN	**Catchment Area**	**Name of drain**	**Standing/ Flowing**	**Flow (MLD)**	**BOD (mg/l)**	**Pollution Sources (Domestic/ Industrial/ Mixed)**	**Catchment Area (Sq. Km)**	**Traceable Length of Drain in km approx.**	**Leanth of Sampling point from confluence point in KM approx.**	**Recipient**
1	Buxar	ChhotiSaripur Drain	Flowing	5.87	26	Domestic	Civil Lines, Syndicate Colony, MathiyaMohalla, Saripur	0.2	0.03	Ganga River
2	Buxar	Hospital Road Drain	Flowing	3.82	36	Domestic	Ward No. 22, 23, 24	0.15	0.03	Ganga River
3	Buxar	Sati Ghat Drain	Flowing	6.29	72	Domestic	Ward No. 13, 24, 25, Tetari Bazar, MunimChowk	0.25	0.05	Ganga River
4	Buxar	Bangla Ghat Drain	Flowing	1.80	70	Domestic	Ward No. 6	0.3	0.05	Ganga River
5	Buxar	Tadka Drain	Flowing	8.23	74	Domestic	Ward No. 13, 14, 24, 25, 26, 28, 29, 32	0.5	0.05	Ganga River
6	Buxar	Nath Baba Mandir Drain	Flowing	4.23	15	Domestic	Ward No. 1, 2, 3	1.6	0.05	Ganga River
7	Buxar	Sohnipatti Drain	Flowing	1.31	15	Domestic	Ward No. 20, 33	0.5	0.03	Ganga River
8	Maner	Maner Bazar Drain, Infront of Machhli Market, Maner, Patna	Flowing	3.55	140	Domestic	Ward No.- 1,4,5,6,7	5	4	Ganga River
9	Danapur, Patna	Danapur Cant. Drain	Flowing	8.16	24	Domestic	Danapur, Sadar Bazar, Bibiganj, LalKothi, Ramnagar Colony, Sultanput, Yadav Colony, Cefence Colony, Mubarakpur,Kachra Colony, Judge Colony, Ramkrishnapuram, Bank Colony, Hathikhana, Lodipur, Sikandarpur, Urja Nagar, Tarachak,	4	0.117	Ganga River
10	Dighwara	BeerpurBhual NH-19 Drain, Dighwara	Flowing	1.15	80	Domestic	Ward No.- 7,8,9 and 10, Shankarpur, Main market	1.0 KM approx.	0.08 KM approx.	Ganga River

Details of drains having flow >01 MLD discharging into River Ganga										
SN	**Catchment Area**	**Name of drain**	**Standing/ Flowing**	**Flow (MLD)**	**BOD (mg/l)**	**Pollution Sources (Domestic/ Industrial/ Mixed)**	**Catchment Area (Sq. Km)**	**Traceable Length of Drain in km approx.**	**Leanth of Sampling point from confluence point in KM approx.**	**Recipient**
11	Patna	DighaGhat Drain (Canal)	Flowing	134.00	23	Domestic	Digha, Ramjaipal Nagar, Vastu Ganga Colony, IAS Colony, Adampur, Jai Ram Bazar, Vrindavan Colony, Maulana Azad Nagar, Bochachak, Taj Nagar, Jalalpur, NavneetVihar, AdarshVihar Colony, Ved Nagar, MirdulaVihar, Rukanpura, BashantVihar, NTPC Phase- 2, Yadav Colony, SBI(old) Colony, MaaliTola, Railway Colony.	9.5	0.485	Ganga River
12	Patna	Kurji Drain	Flowing	65.00	34	Domestic	Rajiv Nagar, JaiprakashNigar, A.G. Colony, CDA Colony, North Patel Nagar, Indrapuri, Patliputra Colony, PatnliputraInudstrial Area, Kurji, Shivaji Nagar, Balupur.	5.34	1.82	Ganga River
13	Patna	RajapurPul Drain	Flowing	128.00	16	Domestic	Sheikhpura, Shastrinagar, NandGaon, Rajbanshi Nagar, R. Block, Rajbhawan, Sanjay Gandhi JaivikUdyan, Board Colony, Professor's Colony, Adarsh Colony, Shivpuri, Mahesh Nagar, West Ananadpuri, LIC Colony, Basant Bihar Colony, Indra Nagar, RajapurMainpura, Dujra, Gandhi Nagar, GosaiTola, LIC Ghat, Anandpuri, Nehru Nagar, Kidwaipuri, S.K. Puri.	3.5	4.34	Ganga River
14	Patna	Mandiri (Bans Ghat) Drain	Flowing	148.00	54	Domestic	GPO, S.K. Nagar, East Budha Colony, Harding Park, Frazer Road, Rajapur, Lodipur, Golghar Area, Mohamadpur (Chainpura), Budhmard, Patna Jn., Harding Road, S.P. Verma Road.	2.44	3.12	Ganga River
15	Patna	Anta Ghat Drain	Flowing	43	75	Domestic	Gandhi Maidan, Frazer Road, Exhibition Road, LaljiTola, SalimpurAhra, Dujra, Bakarganj, Pirmohani, Daldali, Lohanipur, Lohanipur West, Sabjibagh, Civil	1.7	1.36	Ganga River

Details of drains having flow >01 MLD discharging into River Ganga										
SN	**Catchment Area**	**Name of drain**	**Standing/ Flowing**	**Flow (MLD)**	**BOD (mg/l)**	**Pollution Sources (Domestic/ Industrial/ Mixed)**	**Catchment Area (Sq. Km)**	**Traceable Length of Drain in km approx.**	**Leanth of Sampling point from confluence point in KM approx.**	**Recipient**
							Court, KadamKuhan, Antaghat.			
16	Patna	Krishna Ghat Drain	Flowing	Pump House	80	Domestic	Patna University Area, SudhiTola, Science College, NIT Patna, Thathari Bazar, NayaTola, Bhikhnapahari, ChakMusallahpur, Musallahpur Hat, Sharif Colony, Ramna Road, LalBagh, Annie Besant Road, B.M. Das Road, MakhaniaKuhan, Mehandru.	Not traceable as it is a underground drain.	Same location	Ganga River
17	Patna	MittanGhat Drain	Flowing	48.00	90	Domestic	Khatri Path, MittanGhat Path, Guzri Bazar, Manas Path.	0.547	Sampling and confluence point are same	Ganga River
18	Fatuha, Patna	Makshudpur Drain (West of BindheshwariGhat)	Flowing	1.10	46	Domestic	BindeshwariGhat	0.024	-	Ganga River
19	Fatuha, Patna	DevantiGhat	Flowing	2.30	19	Domestic	SonakothiMohallah	0.013	-	Ganga River
20	Fatuha, Patna	MastanaGhat	Flowing	1.14	42	Domestic	-	0.014	-	Ganga River
21	Bakhtiyarpur, Patna	Raghopur-Dagar Drain	Flowing	4.30	36	Domestic				Ganga River
22	Barh, Patna	Gauri Shankar Ghat, Barh	Flowing	1.09	42	Domestic	13(P) & 14(P)	-	-	Ganga River
23	Mokama	TapashwaiGhat, Mokama	Flowing	6.02	20	Domestic	Ward No.-1 & 10	3.8	0.025	Ganga River
24	Munger	LalDrawaza Drain	Flowing	21.50	14	Domestic	Munger Town	0.004	Sampling and confluence point are same.	Ganga River
25	Sultanganj	Masjid ghat	Flowing	1.70	14	Domestic	Sultanganj Town	0.014	Sampling and	Ganga

Details of drains having flow >01 MLD discharging into River Ganga										
SN	**Catchment Area**	**Name of drain**	**Standing/ Flowing**	**Flow (MLD)**	**BOD (mg/l)**	**Pollution Sources (Domestic/ Industrial/ Mixed)**	**Catchment Area (Sq. Km)**	**Traceable Length of Drain in km approx.**	**Leanth of Sampling point from confluence point in KM approx.**	**Recipient**
		Drain							confluence point are same.	River
26	Bhagalpur	Adampur Drain	Flowing	18.91	15	Domestic	Budhanath Park, Budhanath Baba Madir, Adampur	0.5	0.15	Ganga River
27	Bhagalpur	Hathiya Drain near intake well	Flowing	7.54	9	Domestic	Mustafapur, Hanuman Ghat, Sant Nagar, Mayaganj	0.5	0.05	Ganga River
28	Bhagalpur	Surkhikal Drain	Flowing	13.10	32	Domestic	BadiKhanjarpur, MaharajGhat, Surkhikal, Tilakamanjhi	0.5	0.1	Ganga River
29	Bhagalpur	SakhichandDrain	Flowing	12.69	10	Domestic	Makhajan, Tiger Market, BudhanathRoad	0.4	0.1	Ganga River
30	Bhagalpur	BarariGhat Drain, near Vikramshila Bridge, Bhagalpur	Flowing	6.61	17	Domestic	Railway Colony, Barari State Housing Board Colony	2	0.05	Ganga River
31	Bhagalpur	Neel KothiGhat Drain, Bhagalpur	Flowing	1.91	20	Domestic	MadhukarChak, Parmanandpur	0.7	0.05	Ganga River
32	Bhagalpur	PipalliDham Drain-II, Bhagalpur	Flowing	1.49	10	Domestic	Moorgi Pharm, RoopVihar Colony	0.5	0.05	Ganga River
33	Bhagalpur	KuppaGhat Drain	Flowing	4.43	8	Domestic	MaharshiMehi Ashram, Mustafapur, Mayaganj	0.6	0.05	Ganga River
34	Bhagalpur	KoylaGhat	Flowing	7.63	125	Domestic	ChhotiKhanjarpur, KoylaGhat, Kachahari, Faris Lane Road, Ward No. 22, 25	0.5	0.1	Ganga River
35	Bhagalpur	HathiyaNala, Near Tilkamnajhi University	Flowing	22.66	145	Domestic	TilkaManjhi University, MaharajGhat, Naya Bazaar, ParbattiMohalla, Tatarpur, VikramshilaMohalla, Urdu Bazar, ChunihariTola	1	0.3	Ganga River
36	Bhagalpur	STP Drain, Bhagalpur	Flowing	1.77	130	Domestic	SahebganjMohalla	0.8	0.4	Ganga River
37	Bhagalpur	SahebganjMiyabari Drain	Flowing	4.51	32	Domestic	Karngarh, Sahebganj	0.8	0.4	Ganga River
38	Bhagalpur	ChampaNala-1	Flowing	11.57	95	Domestic	Champa Nagar, Nath Nagar	0.5	0.3	Ganga River

Details of drains having flow >01 MLD discharging into River Ganga										
SN	**Catchment Area**	**Name of drain**	**Standing/ Flowing**	**Flow (MLD)**	**BOD (mg/l)**	**Pollution Sources (Domestic/ Industrial/ Mixed)**	**Catchment Area (Sq. Km)**	**Traceable Length of Drain in km approx.**	**Leanth of Sampling point from confluence point in KM approx.**	**Recipient**
39	Bhagalpur	ChampaNala-2	Flowing	8.38	42	Domestic	Nath Nagar, Medini Nagar	0.8	0.1	Ganga River
40	Kahalgaon	Kagji Drain	Flowing	2.23	38	Domestic	Thana Road, Kulkulia Road	1.0 km	-	Ganga River
41	Kahalgaon	AshmashanGhat Drain	Flowing	1.60	15	Domestic	Kazipura, Paithanpura	1.0 km	0.08 KM	Ganga River
42	Kahalgaon	Pampu Drain	Flowing	1.40	24	Domestic	Station Chawk, Basti	1.5 km	0.016 KM	Ganga River
Total				**777.99**						

2.Harbaura (Sikrahna) River:

There are three (3) drains (near power grid of sugar mill, near Dhumnagar mandir and near Hardia) in Narkatiaganj town through which domestic waste water is discharge to Harbaura River. The total sewage/waste water discharges through aforesaid drains have been assessed to **14.59 MLD.** The details of the drains are hereunder:-

Sl. No.	**Name of drain**	**Average flow (MLD)**	**Recipient**	**Sewage/waste water Quality**
1.	Domestic Waste Water/Sewage drain, passing near power grid of Sugar Mill	6.736	Harbaura River	pH: 6.59 BOD: 22 mg/L COD: 80 mg/L TSS: 53 mg/L
2.	Dhum Nagar Mandir drain	4.215	Harbaura River	pH: 6.59 BOD: 38 mg/L COD: 148 mg/L TSS: 78 mg/L
3.	Nehar drain, Near Hardiya	3.640	Low Lying Area and Found Dry after 3.5 KM	pH: 6.62 BOD: 24 mg/L COD: 84 mg/L TSS: 26 mg/L
	Total	**14.591**		

3. Sirsiya River:

There are three (3) drains (at Naga Road, at Chhatiaya Ghat and near Custom Check Post Bridge) in Raxaul town through which domestic waste water is discharge to Sirsiya River. The total sewage/waste water discharges through aforesaid drains have been assessed to 14.89 MLD. The details of the drains are hereunder:-

Sl. No.	**Name of drain**	**Average flow (MLD)**	**Recipient**	**Sewage/waste water Quality**
1.	Drain at Naga Road, Shivpuri Mohalla, Raxaul	6.03	Sirsiya River	pH: 7.04 BOD: 62 mg/L COD:232 mg/L TSS: 38 mg/L

2.	Drain at Chhatiaya Ghat, near Railway Bridge, Raxaul	3.1	Sirsiya River	pH: 7.25 BOD: 9 mg/L COD: 44 mg/L TSS: 36 mg/L
3	Drain near Custom Check Post Bridge, Raxaul	5.76	Sirsiya River	pH: 7.31 BOD: 16 mg/L COD: 60 mg/L TSS: 38 mg/L
	Total	**14.89**		

4. Parmar River:

There are four (4) drains namely Khajurbari Drain, Ward No.6, Haji Mohalla Drain, Idgah Chowk Drain, Isalmpur Drain, Ward No.-17.The aforesaid drains disperse in low lying area. The total sewage/waste water discharge through aforesaid drains has been assessed to **5.559 MLD**. There is no sewerage network & STP for sewage management at Jogbani Nagar Panchayat area. The details of the drains are hereunder:-

Sl. No.	Name of drain	Average flow (MLD)	Recipient	Sewage/waste water Quality
1.	Khajurbari Drain, Ward No.6	2.96	Low lying area	pH: 7.32 BOD: 88 mg/L COD: 264 mg/L TSS: 118 mg/L
2.	Haji Mohalla Drain	0.50	Low lying area	pH: 7.20 BOD: 36 mg/L COD: 124 mg/L TSS: 82 mg/L
3.	Idgah Chowk Drain	0.704	Low lying area	pH: 7.42 BOD: 50 mg/L COD: 168 mg/L TSS: 74 mg/L
4	Isalmpur Drain, Ward No.-17	1.395	Low lying area	pH: 7.28 BOD: 70 mg/L COD: 212 mg/L TSS: 92 mg/L
Total		**5.559**		

5. Ramrekha River:

There are five (5) drains (atNagar Panchyat Road, near DhangalToli, at Kathawa Pull, at Railly Bazar and near Mill Quarter) in Ramnagarblock through which domestic waste water is discharge to Ramrekha River. The total sewage/waste water discharges through aforesaid drains have been assessed to 27.88 MLD. The details of the drains are hereunder:-

Sl. No.	Name of drain	Average flow (MLD)	Recipient	Sewage/waste water Quality
1.	Mukhya Bazar, Near Fish Market, Nagar Panchyat Road,	10.743	Ramrekha River	pH: 6.08 BOD: 115 mg/L COD: 372 mg/L TSS: 54 mg/L
2.	ChatiyaGhat Drain West, DhangalToli,	11.721	Ramrekha River	pH: 6.34 BOD: 135 mg/L COD: 520 mg/L TSS: 60 mg/L
3.	ChatiyaGhat Drain East, Kathawa Pull,	1.065	Ramrekha River	pH: 6.69 BOD: 42 mg/L

				COD: 160 mg/L TSS: 116 mg/L
4.	Railly Bazar Drain,	0.892	Ramrekha River	pH: 5.63 BOD: 28 mg/L COD: 108 mg/L TSS: 22 mg/L
5.	Mill Quarter Drain, Pachurkha	3.464	Ramrekha River	pH: 6.81 BOD: 24 mg/L COD: 108 mg/L TSS: 46 mg/L
Total		**27.885**		

6. Punpun River:

There are two (2) drains Bakipur Gorakh Drainand Badshahi Drain (**Badshahi Drain coming from Patna**) in Fatuha town through which domestic waste water is discharge to Punpun River. The total sewage/waste water discharges through aforesaid drains have been assessed to64.95 MLD. The details of the drains are hereunder:-

Sl. No.	Name of drain	Average flow (MLD)	Recipient	Sewage/waste water Quality
1.	BakipurGorakh Drain	2.95	Punpun River	pH: 6.41 BOD: 85 mg/L COD: 268 mg/L TSS: 54 mg/L
2.	Badshahi Drain	62	Punpun River	pH: 7.67 BOD:38 mg/L COD:124 mg/L TSS:26 mg/L
	Total	64.95		

Water Quality Status of Polluted Rivers during the April 2020 to March 2021

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 (2020-2021)
Excluding Rainy Season (August to October)

Sl. No.	Sampling Point		pH	D.O. mg/L	B.O.D. mg/L	T.C. MPN/100 ml	F.C. MPN/100ml
1	Ganga at Chausa karmnasa D/S Confluence , Buxar	Average	8.14	9.8	1.6	47187	25113
		Maximum	8.56	12.0	2.1	160000	160000
		Minimum	7.74	7.0	1.2	3900	1300
2	Ganga at Ramrekha ghat, Buxar. Dist.- Buxar	Average	8.16	9.7	1.6	56181	18966
		Maximum	8.65	12.0	2.1	160000	43000
		Minimum	7.74	7.0	1.2	4000	1300
3	Ganga River at Jail Ghat, Buxar	Average	8.00	8.7	1.6	76823	38429
		Maximum	8.33	12.0	2.3	160000	160000
		Minimum	7.44	6.4	1.0	14000	2100
4	Ganga at D/S Buxar near Road Bridge. Dist. - Buxar	Average	7.87	7.9	1.7	90352	83523
		Maximum	8.54	10.2	2.3	160000	160000
		Minimum	7.44	6.0	0.9	13000	4900
5	Ganga at Danapur near Pipapul. Dist. - Patna	Average	8.00	8.8	1.7	22273	16220
		Maximum	8.49	11.2	3.0	160000	160000
		Minimum	7.13	5.1	1.1	280	0
6	Ganga at U/S Patna, Kurji.Dist. - Patna	Average	8.11	8.5	1.7	26913	14880
		Maximum	8.50	10.9	2.4	160000	54000
		Minimum	7.78	6.4	1.2	3200	1100
7	Ganga at Gandhighat, NIT, Patna	Average	7.91	7.8	2.0	94200	88300
		Maximum	7.26	5.2	2.6	160000	160000
		Minimum	7.52	5.6	1.2	17000	2200
8	Ganga River at Gulabi Ghat, Patna	Average	7.87	7.6	2.1	109058	92411
		Maximum	8.45	9.8	2.9	160000	160000
		Minimum	7.40	5.4	1.4	28000	12000

		Minimum	7.33	6.1	1.2	1100	680
19	Ganga D/S of NTPC Water intake Point, Barh Dist.- Patna	Average	8.04	8.6	1.9	59833	37650
		Maximum	8.48	11.4	2.9	160000	160000
		Minimum	7.02	6.2	1.3	7000	1700
20	Ganga at Barahiya, Nepal Tola, Maranchi Dist. - Lakhisarai	Average	8.10	8.7	1.7	45986	28993
		Maximum	8.55	12.8	2.6	160000	160000
		Minimum	7.35	6.2	1.2	2600	1400
21	Ganga at U/S Munger near Kasth haranighat. Dist.- Munger	Average	7.93	9.0	1.8	78228	61085
		Maximum	8.31	11.1	3.3	160000	160000
		Minimum	7.55	7.2	1.1	3300	1400
22	Ganga at D/S Munger near Crematorium Ghat Dist. - Munger	Average	7.99	8.6	1.8	87506	64900
		Maximum	8.46	10.5	2.9	160000	160000
		Minimum	7.62	7.0	1.3	2600	2100
23	Ganga at U/S Sultanganj, Ajgaibi Nath Dist.- Bhagalpur	Average	7.97	9.0	1.7	95800	87616
		Maximum	8.37	10.4	2.4	160000	160000
		Minimum	7.52	6.3	1.3	2700	1400
24	Ganga at D/S Sultanganj at Cremation ghat Dist.- Bhagalpur	Average	7.94	8.5	2.0	107714	93414
		Maximum	8.31	10.8	2.9	160000	160000
		Minimum	7.48	6.1	1.4	14000	2200
25	Ganga at D/S Bhagalpur near Bararighat. Dist.- Bhagalpur	Average	7.76	6.7	2.9	124023	104623
		Maximum	8.45	9.5	6.6	160000	160000
		Minimum	7.22	3.7	1.8	3300	1700
26	U/S Ganga at Bhagalpur kuppa ghat Dist.- Bhagalpur	Average	8.00	8.9	1.7	65033	54758
		Maximum	8.42	11.1	2.8	160000	160000
		Minimum	7.56	6.2	1.1	2200	1100
27	Ganga River at Champa Nagar, Bhagalpur. Dist.- Bhagalpur	Average	7.95	8.4	2.1	29288	25511
		Maximum	8.25	9.5	4.2	92000	92000
		Minimum	7.28	6.0	1.3	2200	1300
28	Ganga at Water intake point, Bhagalpur	Average	7.83	8.2	3.4	96166	73725
		Maximum	8.53	12.1	8.0	160000	160000

		Minimum	7.27	6.4	2.0	22000	1700
29	Ganga at Kahalgaon near Jahajghat. Dist.- Bhagalpur	Average	8.03	9.3	1.7	96160	88530
		Maximum	8.39	10.1	2.3	160000	160000
		Minimum	7.64	7.8	1.3	3200	1300
30	Ganga D/S at Kahalgaon near Cremation Ghat.	Average	8.05	9.1	1.6	58160	37600
		Maximum	8.4	10.6	2.2	160000	160000
		Minimum	7.64	6.9	1.2	1700	1700
31	Ganga River near maa Ambika Sthan, Aami, Dist-Saran	Average	7.84	8.1	1.7	56257	35985
		Maximum	8.2	9.6	2.2	160000	160000
		Minimum	7.35	6.2	1.2	2300	2300
32	Ganga River at water intake point Mauzampur Block, Barhara, Dist-Bhojpur	Average	8.05	8.5	1.7	47346	34730
		Maximum	8.6	10.5	2.4	160000	160000
		Minimum	7.74	6.3	1.1	1400	1400
33	Ganga at Ara - Chhapra Near Road Bridge , Koelwar-Babura Road, Bhojpur	Average	8.02	8.9	1.8	41307	15646
		Maximum	8.5	10.2	3.0	160000	35000
		Minimum	7.62	6.8	1.1	4000	1300
34	Ganga at the Confluece of Sone River at Doriganj, Chapra. Dist. - Saran	Average	7.97	8.2	1.8	64054	51118
		Maximum	8.24	9.7	3.1	160000	160000
		Minimum	7.56	6.2	0.9	4900	3300
35	Punpun River at Patna-Fatuha Road Bridge, Fatuha Dist.- Patna	Average	7.7	4.8	4.1	105625	98375
		Maximum	8.18	8.0	5.6	160000	160000
		Minimum	7.22	2.2	2.0	35000	22000
36	Punpun River at Punpun near Rail Bridge Dist.- Patna	Average	7.94	7.8	2.2	70863	64050
		Maximum	8.39	10.4	3.8	160000	160000
		Minimum	7.49	6.0	1.2	3900	1400
37	Punpun River at Kinzer near Road Bridge Dist.- Jehanabad.	Average	7.94	8.2	1.8	73263	55388
		Maximum	8.23	10.4	3.0	160000	160000
		Minimum	7.58	5.3	1.0	2100	1200
38	Punpun River at Obra Aurngabad	Average	7.75	9.0	1.9	84050	54325
		Maximum	8.04	14.2	2.9	160000	160000

		Minimum	7.03	6.0	1.2	9400	3300
		Minimum	7.22	6.1	1.4	7900	4000
39	Harbaura River U/S at Nakatiaganj befor Sugar Mill, West Champaran	Average	7.68	8.1	1.6	68571	57286
		Maximum	7.94	10.0	2.0	160000	160000
		Minimum	7.44	6.4	1.1	17000	12000
40	Harbaura River D/S at Nakatiaganj after Sugar Mill, West Champaran	Average	7.48	6.8	2.4	119857	92814
		Maximum	7.61	9.5	3.2	160000	160000
		Minimum	7.34	3.5	1.3	11000	1700
41	Ramrekha River U/S at Harinagar(before Sugar Mill) West Champaran.	Average	7.15	3.7	3.8	103186	81714
		Maximum	7.79	5.2	5.0	160000	160000
		Minimum	6.9	1.2	2.7	4300	17000
42	Ramrekha River D/S at Harinagar (after Sugar Mill) West Champarasn	Average	6.77	3.5	6.0	143286	94000
		Maximum	7.06	5.0	12.0	160000	160000
		Minimum	6.21	2.0	3.7	43000	15000
43	Sirsia River near Raxaul-Beerganj Check Post, Road Bridge, Raxaul Dist.- East Champaran	Average	7.13	1.7	6.5	109143	107143
		Maximum	7.85	2.7	12.0	160000	160000
		Minimum	6.58	0.9	3.2	35000	28000
44	D/S Sirsia River at Koriatola, near Temple, Raxaul Dist.- East Champaran	Average	7	3.0	5.0	100571	85571
		Maximum	7.44	9.5	11.0	160000	160000
		Minimum	6.81	1.0	1.4	35000	21000
45	Parmar River at Jogbani Dist.- Araria	Average	7	8.0	2.0	105143	104386
		Maximum	7.85	9.8	3.1	160000	160000
		Minimum	7.03	5.1	1.4	7000	1700

Annexure-6

Sl. No.	Name of the ULB.	Quantity of plastic waste generated in tons per day (TPD).	Setting up of plastic waste management system in line of the responsibilities defined under rule-6 of the PWM Rules, 2016.
1	Motipur	0.01	yes
2	Chakia	0.05	Yes
3	Nagar Parishad Bagaha	1	Yes
4	Nagar Panchayat Kahalgaon	0.5	0
5	NAGAR PANCHAYAT, PIRO	0.01	yes
6	JANAKPUR ROAD	0.01	Yes
7	Nagar Parishad,Jamalpur	1.5	Yes
8	NAGAR PARISHAD SAMASTIPUR	0.2	YES
9	Koath Nagar panchayat	0	Yes
10	Gaya Nagar Nigam	2	Collection and storage.
11	Dumra	0.01	Yes
12	Ara Nagar Nigam	6	In progrees
13	Kishanganj Nagar Parishad	0.35	Under Process
14	BIHIYA	0.25	YES
15	Madhubani Nagar Parishad	0	No
16	Bettiah Nagar Parishad	0.05	Yes
17	NAGAR PANCHAYAT RIVILGANJ	0.001	YES
18	Bakhri	0.0022	Yes
19	Nagar panchayat dighwara	1	1
20	Warisaliganj	0.5	No
21	Nagar Panchayat Marhowrah	0	No
22	Nirmali	0.05	Yes
23	Nagar Panchayat,Rajgir	0.019	Yes
24	Siwan	0.5	Under Process
25	NAGAR PARISHAD SAHARSA	0.5	NO
26	NAGAR PRISHAD BIHAT	0.68	YES
27	NAGAR PANCHAYAT SHERGHATI	1	YES
28	NAGAR PARISHAD DANAPUR NIZAMAT	8	yes
29	Nagar Panchayat Islampur	0.041	YES
30	NAGAR PANCHAYAT PARSA BAZAR	0	NO
31	Nager Parishad Sheikhpura	0	Yes
32	MEHSI NAGAR PANCHAYAT	0.001	YES
33	Nagar Panchayat Thakurganj	0	No
34	NAGAR PARISHAD DHAKA	0.2	Yes
35	NAGAR PARISHAD, BENIPUR	0.02	YES
36	Sitamarhi	0.05	Yes

37	Nagar Panchayat Koilwar	3.2	No
38	NAGAR PARISHAD SASARAM	0.5	YES
39	Nagar Panchayat Barhiya	2	Yes
40	Mairwa Nagar Pachayat	1	Yes
41	Nagar Panchayat Dalsinghsarai	0.2	no
42	Nagar Panchayat,Jhajha	0.5	Yes
43	Nagar Parishad Masaurhi	1	Yes.
44	Nagar Parishd Barbigha	0.0012	0
45	Simri Bakhtiyarpur	0.007	Yes
46	NAGAR PARISHAD, JAMUI	0.05	Will be implemented soon.
47	Nagar Parishad Aurangabad	2	No
48	Supaul	0.01	No
49	Nagar panchayat jagdishpur	0	NA
50	NAGAR PANCHAYAT SONPUR	0.1	YES
51	Nagar Panchayat Makhdumpur	0.4	Yes
52	Nagar Panchayat Maharajganj	0.2	Following as per the rules.
53	Jehanabad Nagar Perishad	1.25	Yes
54	BEGUSARAI NAGAR NIGAM	3.5	Yes
55	Tekari Nagar Panchayat	0.001	Yes
56	Nagar panchayat Amarpur	1	Yes
57	MIRGANJ	0.5	Yes
58	BARH NAGAR PARISHAD	2	yes
59	NAGAR PARISHAD ARWAL	1.5	YES
60	NAGAR NIGAM BHAGALPUR	30	UNDER PROCESS
61	Kateya Nagar Panchayat	0.0136	Yes
62	Nagar Panchayat Birpur	0.001	No
63	Nagar Panchayat Haveli Kharagpur	0.5	Yes
64	Nagar Panchayat Gogri Jamalpur	0.2	Yes
65	Nagar Panchayat Khusrupur	0.015	Yes
66	Chapra Nagar Nigam	1.4	Yes
67	Nagar Panchayat Manihari	0.03	Yes
68	NAGAR NIGAM MUNGER	0.5	Yes
69	Nagar Parishad Buxar	0.4	N/A
70	Dumraon Nagar Parishad	0.2	N/A
71	NAGAR PANCHAYAT KANTI	0.2	YES
72	Nagar Panchayat Naubatpur	0.25	Yes
73	BIKRAMGANJ	0.5	Yes.
74	KHAGARIA	0.9	YES
75	Nagar panchayat shahpur	0.01	yes

76	Municipal Corporation Purnea	0.17	Yes
77	NAGAR PARISHAD FORBESGANJ	0	NO
78	Nagar panchayat kochas	0.005	Yes
79	HAJIPUR NAGAR PARISHAD	1	YES
80	Nagar Panchayat, Rafiganj	0.01667	No
81	Kesariya	1.5	Yes
82	NAGAR PARISHAD DAUDNAGAR	0	YES
83	Biharsharif Nagar Nigam	10	Plastic Waste Management System being set up & an agreement with UNDP done for this Plant.
84	Nagar Panchayat Maner	3	Yes
85	JOGBANI	0.4	-
86	MUZAFFARPUR MUNICIPAL CORPORATION, MUZAFFARPUR	4	PROCESSING
87	Nagar Panchayat, Hisua (Nawada)	0.0041	Yes
88	NAGAR PANCHAYAT BARAULI	0.1	Yes
89	Jhanjharpur Nagar Panchayat	0.1	Yes
90	NAGAR PANCHAYAT CHANPATIA	0.24	Yes
91	NAGAR PANCHAYAT SILAO	0.3	NO
92	Khagaul Nagar Parishad	2	Yes
93	Nagar Panchayat Nabinagar	0.025	Yes
94	Katihar Nagar Nigam	0.091	Yes
95	Nagar Panchayat Ramnagar	0.003	Yes
96	BANKA	0.05	Yes
97	Balia	1	Yes
98	NAGAR PARISHAD MAHNAR	0.5	Yes
99	NAGAR PARISHAD ARARIA	0.5	Under Progress.
100	Nagar Parishad, Madhepura	0.025	No
101	Hilsa Nagar Parishad	0.05	Yes
102	Nagar Parishad, Raxaul	0.5	No
103	BELSAND NAGAR PANCHAYAT	0.5	YES
104	NAGAR PANCHAYAT NAUGACHIA	0.5	YES
105	MUNICIPAL COUNCIL DEHRI DALMIANAGAR	5	NO
106	BAKHTIYARPUR NAGAR PARISHAD	0.5	YES

107	NAGAR PARISHAD LAKHISARAI	1	FORMATION OF CITY SQUAD TEAM AND ACTION TAKEN BY THEM
108	Nagar Panchayat Ghoghardiha	0.21	Yes
109	Nagar Parishad Phulwari Sharif	0.1	Under Process
110	NAGAR PANCHAYAT MURLIANJ ,MADHEPURA	0.025	YES
111	Nokha nagar panchayat	0.025	no
112	Nagar Panchayat Lalganj	0.1	Yes
113	Rosera	0.3	yes
114	Nagar Panchayat Bikram	0.025	YES
115	Nagar Panchayat Sheohar	0.01	Yes
116	Nagar panchayat Teghra	0.5	Not yet
117	SURSAND NAGAR PANCHAYAT	0.1	Yes
118	Nagar Parishad Narkatiaganj	0	Under Process
119	Nagar Parishad Dehri Dalmianagar	4	No
120	NAGAR PARISHAD MOTIHARI	0.4	Under Process
121	Patna Municipal Corporation	65	Norms under rule 6 of PWM rules,2016 are being Followed.
122	Mohania	0.2	Yes
123	Sultanganj Nagar Parishad	0.00012	Yes
124	Nagar panchayat mahua	0.1	Yes
125	NAGAR PARISHAD NAWADA	0.25	YES
126	NAGAR PANCHAYAT, BODHGAYA	0.001	YES
127	Pakridayal Nagar Panchayat	0.4438	UNDER PROCESS
128	Nagar anchayat Nasriganj	0.002	yes
129	NAGAR PANCHAYA EKMA BAZAR SARAN	0.4	Yes
130	NAGAR PANCHAYAT SUGAULI	0.2	YES
131	NAGAR PANCHAYAT BAIRGANIA	0.025	yes
132	Nagar Panchayat Barsoi	0	yes
133	NAGAR PANCHAYAT ARERAJ	0.2	YES
134	Darbhanga Municipal Corporation	1.8	Yes
135	Nagar PanchayatBanmankhi	1.5	No
136	KASBA	0.03	No
137	Nagar panchayat sahebganj	10	yes
138	Fatuha	0.5	No
139	NAGAR PARISHAD BHAHBUA	0.2	UNDER PROCESS
140	Municipal council Mokama	1	No
141	Nagar Parishad Gopalganj	0	YES

142	Jaynagar	0.2	Yes
	Total	201.4697	

Latitude and Longitude of the locations on the polluted river where flow measurement is being observed

River	Priority level	Entry Point		Exit Point	
		Latitude	Longitude	Latitude	Longitude
Sirsiya	III	26°58'56.71"N	84°51'22.49" E	26°58'30.83"N	84°51'08.27" E
Ramrekha	V	27°09'59.80" N	84°19' 28.80" E	27°08'42.24" N	84°19'42.23" E
Parman	V	26°23'58" N	87°14' 32" E	26°22' 09.27" N	87° 14'19.99" E
Punpun	V	25°29' 18.90" N	85°11' 0.97" E	25°30' 51.50" N	85°17'35.69" E
Sikarhna (Harbaura)	V	27°06' 55.62" N	84°27' 34.65" E	27°06' 20.66" N	84°27'16.16" E

(12)

Discharge Report of Harbaura River at Narkatiaganj Entry and Exit Point From 01.06.2021. to 15.06.2021				
Sl. No.	Date	Discharge of Narkatiaganj Entry Point(m3/sec)	Discharge of Narkatiaganj Exit Point(m3/sec)	Remarks
1	01.06.2021	4.106	22.770	
2	02.06.2021	3.480	19.940	
3	03.06.2021	3.108	18.420	
4	04.06.2021	2.680	13.650	
5	05.06.2021	2.070	10.790	
6	06.06.2021	1.500	9.980	
7	07.06.2021	1.250	9.320	
8	08.06.2021	1.487	9.800	
9	09.06.2021	15.780	38.576	
10	10.06.2021	8.180	27.610	
11	11.06.2021	2.860	17.050	
12	12.06.2021	1.970	16.290	
13	13.06.2021	1.200	14.830	
14	14.06.2021	0.960	13.120	
15	15.06.2021	168.390	227.200	अत्यधिक वर्षा पात की संभावना जल-ग्रहण में अधिकांश क्षेत्रों में होने की संभावना है। 16.06.2021

16.06.2021

J.E.
Hydrology Subdivision
Motihari

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Motihari

16/6/2021

E.E.
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Anishabad Patna

Discharge Report of Sirsiya River at Raxaul Entry and Exit Point From 01.06.2021. to 15.06.2021				
Sl. No.	Date	Discharge of Raxaul Entry Point (m3/sec)	Discharge of Raxaul Exit Point (m3/sec)	Remarks
1	01.06.2021	6.890	9.970	
2	02.06.2021	6.240	8.350	
3	03.06.2021	5.030	6.470	
4	04.06.2021	4.670	6.090	
5	05.06.2021	4.860	6.240	
6	06.06.2021	4.570	5.780	
7	07.06.2021	4.170	5.510	
8	08.06.2021	3.836	5.187	
9	09.06.2021	4.170	5.510	
10	10.06.2021	4.080	5.390	
11	11.06.2021	3.730	4.980	
12	12.06.2021	5.030	6.540	
13	13.06.2021	4.460	5.700	
14	14.06.2021	4.126	5.266	
15	15.06.2021	18.100	23.240	

16/06/2021

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Anishabad Patna

Discharge Report of Parman River at Jogbani Entry and Exit Point From 01.06.2021. to 15.06.2021

Sl. No.	Date	Discharge of Jogbani Entry Point (m3/sec)	Discharge of Jogbani Exit Point (m3/sec)	Remarks
1	01.06.2021	8.110	18.360	
2	02.06.2021	8.080	18.020	
3	03.06.2021	8.270	15.740	
4	04.06.2021	8.930	14.520	
5	05.06.2021	8.890	14.190	
6	06.06.2021	7.330	13.540	
7	07.06.2021	8.470	12.780	
8	08.06.2021	8.190	12.050	
9	09.06.2021	8.570	14.210	
10	10.06.2021	8.990	15.760	
11	11.06.2021	9.140	16.620	
12	12.06.2021	8.930	15.630	
13	13.06.2021	8.640	14.790	
14	14.06.2021	8.390	14.170	
15	15.06.2021	8.290	18.300	

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PURNEA

16.06.2021
A.E.
Hydrology Subdivision
Birpur

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E.E.
Hydrology Subdivision-I
Anishabad Patna

Discharge Report of Ramrekha River at Ramnagar Entry and Exit Point From 01.06.2021. to 15.06.2021				
Sl. No.	Date	Discharge of Ramnagar Entry Point (m^3/sec)	Discharge of Ramnagar Exit Point(m3/sec)	Remarks
1	01.06.2021	0.714	0.873	
2	02.06.2021	0.567	0.703	
3	03.06.2021	0.517	0.618	
4	04.06.2021	0.517	0.574	
5	05.06.2021	0.480	0.550	
6	06.06.2021	0.517	0.586	
7	07.06.2021	0.450	0.520	
8	08.06.2021	0.440	0.486	
9	09.06.2021	1.140	1.400	
10	10.06.2021	0.600	0.975	
11	11.06.2021	0.570	0.943	
12	12.06.2021	0.56	0.904	
13	13.06.2021	0.598	0.948	
14	14.06.2021	0.56	0.897	
15	15.06.2021	31.96	42.770	

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16.06.2021
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16/6/2021
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Anishabad Patna

Discharge Report of Punpun River at Gaurichak Entry Point and Fatuah Exit Point From 01.06.2021. to 15.06.2021

Sl. No.	Date	Discharge of Gaurichak Entry Point (m3/sec)	Discharge of Fatuah Exit Point (m3/sec)	Remarks
1	01.06.2021	33.185	40.689	
2	02.06.2021	22.685	30.01	
3	03.06.2021	17.302	24.533	
4	04.06.2021	15.535	22.691	
5	05.06.2021	12.845	19.745	
6	06.06.2021	10.641	17.985	
7	07.06.2021	9.684	17.04	
8	08.06.2021	8.173	16.014	
9	09.06.2021	6.739	14.255	
10	10.06.2021	7.216	Back water	Due to rise in water level in Ganga, there is back water flow in Punpun river at this gauge site.
11	11.06.2021	5.773	Back water	
12	12.06.2021	5.070	Back water	
13	13.06.2021	6.155	Back water	
14	14.06.2021	5.566	Back water	
15	15.06.2021	7.849	Back water	

16.06.2021

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A.E.
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14/6/2021

E.E.
Hydrology Subdivision-2
Anishabad Patna