

**Letter No.- NGT-230 /81-7-2023-01(Parya)/2015**

**From,**

**Devendra Singh Chauhan,**  
Under Secretary,  
Environment, Forest and Climate Change,  
Government of Uttar Pradesh.

**To,**

**The Registrar,**  
Hon'ble National Green Tribunal,  
Copernicus Marg, New Delhi.

**Environment, Forest and  
Climate Change , Section-7**

**Lucknow : Dated : 12 May, 2023**

**Sub:-** Compliance Report of Hon'ble National Green Tribunal order dated 16-02-2023 passed in O.A. No. 21/2023 Ashwani Yadav Vs Govt. of NCT of Delhi WITH O.A. No. 562/2022 Ishika Vs Govt. of NCT of Delhi WITH O.A. No. 06/2012 Nizamuddin West Association Vs Union of India & Ors.

**Sir,**

In compliance of order dated 16-02-2023 passed by the Hon'ble National Green Tribunal, New Delhi in O.A. No. 21/2023 Ashwani Yadav Vs Govt. of NCT of Delhi WITH O.A. No. 562/2022 Ishika Vs Govt. of NCT of Delhi WITH O.A. No. 06/2012 Nizamuddin West Association Vs Union of India & Ors., the Compliacne Report on behalf of State of Uttar Pradesh is being annexed herewith.

It is requested that the said report may be presented before the Hon'ble Tribunal for kind consideration.

**Encl:- As above.**

**Your Sincerely,**

Signed by देवेन्द्र सिंह  
( Devendra Singh Chauhan )  
Date: 12-05-2023 18:55:43  
Under Secretary.  
Reason: Approved

**Compliance Report of Hon'ble NGT Directions in OA no. 21/2023 Ashwani Yadav vs Govt. of NCT, Delhi; with 562/2022 Ishika vs Govt. of NCT, Delhi with 06/2012 Nizamuddin West Association vs UOI and Ors**

OA 06/2012 has been restored in the light of order of the Hon'ble Supreme Court dated 21.10.2022 in Civil Appeal No. 3465 of 2022. The appeal which led to the above order was filed before the Hon'ble Supreme Court by Nizamuddin West Association. Original applicant is no longer appearing. Even the said Association has failed to show any interest after the order of Hon'ble Supreme Court dated 21.10.2022, though the Hon'ble National Green Tribunal took up another matter raising same issue and passed detailed order. The issue was dealt with by Hon'ble NGT earlier vide order dated 27.01.2021 in OA No. 06/2012, Manoj Mishra vs. Union of India & Ors. The Tribunal, in continuation with earlier orders, issued specific final directions for remedial measures in time bound manner, vide order dated 21.10.2022 in Civil Appeal No. 3465/2022, Nizamuddin West Association vs. Union of India & Ors.. The Hon'ble Supreme Court has directed further monitoring of compliance of the said directions by the Tribunal for which order dated 27.01.2021 to the extent it directed disposal of the application has been set aside and OA No. 06/2012 has been restored.

These matters basically pertain to remedial action against unabated pollution of River Yamuna. The compliance report mentions following remedial steps under taken to control pollution of River Yamuna by Uttar Pradesh:

### **Summary**

Total sewage generation is 790 MLD which ultimately outfalls in river Yamuna. There is a gap of 60 MLD in sewage treatment capacity in Ghaziabad and there is no sewage Gap in Noida and there is surplus capacity there. To meet the gap in Ghaziabad, a DPR of Ghaziabad Sewerage Scheme (Karheda Zone) amounting to Rs. 546.95cr. under AMRUT 2.0 programme has been sanctioned. Tendering is in process, the technical bids have been opened on date 09.05.2023. In this project, STP of capacity 68MLD has been proposed. In addition to above, 01 STP of 21.5 MLD is under construction in Siddharth Vihar, Ghaziabad, by Awass Vikas Parishad, Uttar Pradesh, Ghaziabad.



Total Sewage Generation	Total Treatment capacity of STPs Installed	Gap (If any)	Action plan with timeline to fill the gap, if any	Future Plan (STPs)
790 MLD	926 MLD	60 (Gap in Ghaziabad and surplus capacity in Noida)	A DPR of Ghaziabad Sewerage Scheme (Karheda Zone) amounting to Rs. 546.95cr. under AMRUT 2.0 programme has been sanctioned. Tendering is in process, the technical bids have been opened on date 09.05.2023.	21.5 MLD STP under construction for upcoming residential Societies by Awas Vikas Parishad. Timeline for completion is July, 2023.

## A. Drains Out-Falling in Yamuna

### 1. Status of Drains Out-falling

As information provided by UP Jal Nigam (Urban), there are 14 drains of Ghaziabad and 01 drain of Noida that out falls in River Yamuna and its tributary river Hindon. In Ghaziabad 01 drain is tapped while 13 drains are untapped. In Noida, 01 drain namely Noida Drain is untapped. Water Quality Analysis reports of the drains being monitoring for the month of March 2023 is attached here as Annexure-1. District wise details of drains is provided below:

S. No.	District Name	Major Drain Name	Tapped / Untapped	Comment
<b>Drains directly outfall in Yamuna River</b>				
1	Ghaziabad	Sahibabad Drain	Tapped	The average discharge of the Sahibabad drain is 90 MLD, 74 MLD discharge is being treated at 74 MLD STP (SBR Type)

S. No.	District Name	Major Drain Name	Tapped / Untapped	Comment
<b>Drains directly outfall in Yamuna River</b>				
				Indrapuram, and 16 MLD Discharge is being treated at 56 MLD STP (UASB Type) Indrapuram.
2		Indirapuri Drain (Loni)	Untapped	The matter of these drains is under consideration by NMCG
3		Banthala Drain (Loni)	Untapped	
<b>Drains outfall through the Hindon River into Yamuna</b>				
4	<b>Ghaziabad</b>	Jawali Drain	Untapped	06 MLD CETP in Tronica City discharges its treated effluent in Jawli drain through pipeline. CETP Tronica City was closed down by NMCG for non compliance of effluent discharge in January, 2023. At present NMCG vide its letter date 04 May, 2023 has kept closure order in abeyance for 03 Months and has allowed operation of CETP subject to various conditions.
5		Hindon Vihar Drain	Untapped	For tapping to divert the drain to existing 56 mld STP (GDA) at Morti, I&D works DPR is being prepared under Amrut 2.0
6		City Forest	Untapped	
7		Kaila Bhatta Meerut Road Drain	Untapped	For tapping I&D works and conveying it to 55 mld STP DPR is being prepared under Amrut 2.0
8		Nandgram	Untapped	
9		Indirapuram Drain	Untapped	Strom Water Drain (GDA)
10		Dasna Drain	Untapped	For tapping I&D works and 40 mld STP DPR is being prepared under Amrut 2.0
11		Pratap Vihar Drain	Untapped	For tapping I&D works and 40 mld STP DPR is being prepared under Amrut 2.0
12		Rahul Vihar	Untapped	
13		Arthala Drain	Untapped	For Arthala and Karheda drains, a DPR of Ghaziabad
14		Karheda Drain	Untapped	

S. No.	District Name	Major Drain Name	Tapped / Untapped	Comment
<b>Drains directly outfall in Yamuna River</b>				
				Sewerage Scheme (Karheda zone) amounting Rs. 546.95 cr. under Amrut 2.0 programme has been sanctioned. Tendering in process.
15	Noida	Noida drain	Untapped	DPR under preparation in State Sector Programme for domestic sewerage of NNP Khoda.

**i) Sahibabad Drain, Ghaziabad: -**

As per information provided by U.P. Jal Nigam (Urban), Sahibabad drain carries mixed effluent consisting of industrial as well as domestic sewage which finally outfalls into Sahadara Drain. High COD problems have not been found in conforming areas located in the catchment area of Sahadara Drain. Industrial units located in industrial areas in the catchment areas of Sahibabad drain carrying treated industrial effluent which gets mixed with domestic sewage and get further diluted. The measured average discharge for Sahibabad Drain is 90 MLD. The treatment of this drain is completed and divided in two parts:

**a) Treatment of 74 MLD discharge:**

Work of laying the combined treated effluent line of 3 STPs at Indrapuram has been completed on date 31.01.2021. 74 MLD STP Indrapuram is operational at its full capacity.

**b) Treatment of 16 MLD discharge:**

Construction of 17 MLD IPS was completed on dated 31.12.2020. 16 MLD discharge from this IPS is being treated at 56 MLD STP (USAB Type) Indrapuram.

**ii) Banthala Canal Drain, Ghaziabad: -**

As per information provided by U.P. Jal Nigam (Urban), Banthala drain does not carry any industrial effluent and yet it is found to contain high COD. Loni/ Indrapuri drain which joins Banthala Drain and outfalls into Johari Nala and it carries mixed effluent from conforming and non-conforming areas imparting COD loading to the effluent. DPR for I&D of Banthala Drain and STP works was earlier submitted to NMCG, wherein STP of capacity 60 MLD was proposed at Loni. However, NMCG returned the DPR with the advice to State to resolve the

issue of industrial discharges in this drain and to propose a permanent solution to this problem. To curtail industrial discharge from non conforming areas a mechanism of district level committee is in place which carries on regular inspections in non conforming areas and shuts down/demolishes illegal units and electricity connections are snapped.

**Arthla&Karheda Drain, Ghaziabad: -**

As per information provided by U.P. Jal Nigam (Urban), DPR of Ghaziabad Sewerage Scheme (Karheda zone) amounting ₹546.95 cr. under AMRUT 2.0 programme has been sanctioned. Tendering is in process. The following works will be executed under this project

S.No.	Activities	Attributes
1	Laying of Sewer Network	145.0 km
2	Construction of IPS	05 Nos
3	Construction of MPS	01 No
4	Construction of STP	01 (68 MLD)
5	Rising Main	8.19 km
6	Domestic Sewer Connection	67669

After completion of this project, it would be possible to control the flow of untreated sewerage discharge into the river Hindon.

**iii) Noida Drain (Kondli Drain): -**

Noida drain originates from Delhi and receives wastewater from Khoda and enters Noida City. Noida drain receives wastewater from Kondli, Gharuli from Delhi, Khoda Nagar Palika and Noida City. Delhi has intercepted the drain discharging into Noida drain and diverted to Kondli STP. Noida drain still receives 99.9 MLD wastewater from Delhi and Khoda Nagar Palika as per sample taken by CSIR-NEERI and mentioned in their draft feasibility report on "In-situ and ex-situ treatment of domestic wastewater flowing in drains of NOIDA city." Various remedial measures taken for Kondli Drain are as follows:-

- a) As per information provided by U.P. Jal Nigam (Urban), DPR for interception & diversion works for tapping of Noida Drain, approx 40 MLD untreated domestic sewage of Khoda Nagar Palika Parishad is under preparation by UPJN (Urban) in State Sector Programme.



- b) In view of the disposal of untreated sewage in Kondli drain Environmental Compensation of Rupees seventy lakh has been imposed against the Municipal Council, Nagar Palika Parishad Khoda Makanpur and prosecution has also been filed (case no. 98500/2021) against Executive Officer, Nagar Palika Parishad, Khoda Makanpur under provisions of Water (Prevention and Control of Pollution) Act by UPPCB in the Special Judicial Magistrate Court (Pollution) Lucknow.

**Interception and Diversion of untapped Drains: -**

As per information provided by U.P. Jal Nigam (Urban), DPR is under preparation for 04 major (Dasna, Pratap Vihar, Kaila Bhatta, Hindon Vihar) and 03 minor untapped Drains (Rahul Vihar, Nandgram & City Forest Drain) for interception & diversion with treatment facility, City Water Action Plan (CWAP) has been submitted under Amrut 2.0 programme (Trench -3), DPR will be submitted by 20.05.2023. The I&D works will be completed in at least 24 months after sanctioning of DPR.

**2. Bio-remediation of Drains**

**Ghaziabad:**

As per information provided by Nagar Nigam, Ghaziabad, work of Bio remediation is being carried out by Nagar Nigam Ghaziabad in 08 drains of Ghaziabad namely Jawali Drain, Hindon Vihar Drain, Kaila Bhatta Meerut Road Drain, Arthala Drain, Indirapuram Drain, Pratap Vihar Drain, Dasna Drain, Karheda Drain.

**Noida:**

As per information provided by Noida Authority, in compliance to Hon'ble NGT order, there are 30 minor drains merging with Kondli drain annexed here as **Annexure-2**. Prof. C.R. Babu (Centre for Environmental Management of Degraded Ecosystems, (CEMDE), and University of Delhi) has provided suggestions based on classification of drains into 3 categories Major, medium and minor. Bio remediation method has been proposed for major and medium drains. In addition to the above, construction of in-situ wetland and plantation in main Kondli drain was also proposed.

Construction of 01 no. of In-Situ wetland work was awarded to U.P. Irrigation department in consultation with Prof. C R Babu (CEMDE, University of Delhi) on dated 18.02.2021 as a



pilot project on Noida Drain by Noida Authority. The work has been completed on dated 30.04.2022 and is fully operational presently. 01 No. online monitoring system is in process to be installed on both end of this completed wetland (upstream & downstream) with a facility of 24 hrs digital display. Installation of online monitoring system will be completed in next two months.

02 nos. of In-situ remediation wetlands in Noida irrigation drain also have been awarded as per advice of Prof. C.R. Babu. The construction of wetlands is in progress. Work will be completed by 30.04.2023. Physical progress of both wetlands is mentioned below: -

S.No.	Location	Total cost of Project (in Cr.)	DOS (Date of sanction)	DOC (Date of start of construction)	Present Progress (%)
1.	Near NSEZ, Dadri Crossing, Noida	₹ 14.25	05.01.2022	04.01.2023	95%
2.	Near Advant Tower, Sector- 142, Noida		05.01.2022	04.01.2023	60%

Further, for 30 minor drains, the Noida Authority has also deputed environmental expert of National Environmental Engineering Research Institute (NEERI), Department of Science & Technology, Government of India, for preparation of DPR, for construction of In-situ and Ex-situ wetlands and construction of minor STPs over drains or interception of drains to divert to nearby STP. A MoU has been signed between NOIDA and NEERI on 21.07.2022. It is pertinent to mention here that, as per the said MoU NEERI has started their work at site. NEERI has submitted draft Feasibility report in January-2023. They have also started topography survey for all drains including main Kondli drain. Detailed DPR for all drains will be submitted in a period of 3 to 6-month phase wise. After the submission of said report Noida Authority will call tenders & get the work executed as directed in DPR.

## **B. Sewage Treatment Plant**

### **1. Sewage generation**

As per the information provided by UP Jal Nigam (Urban), in Ghaziabad, total sewage generation is 575 MLD and treatment capacity of 515 MLD in 10 STPs is available. There is

a gap of 60 MLD and to meet the gap, DPR of Ghaziabad Sewerage Scheme (Karheda zone) amounting Rs. 546.95 cr. under Amrut 2.0 programme has been sanctioned. Tendering in process, technical bid have been opened on dated 09.05.2023, technical evaluation of bid is under process. In this project, STP of capacity 68 MLD has been proposed. This work will be executed by U. P. Jal Nigam (Urban).

**In Noida**, there is no gap in sewage generation and installed sewage treatment capacity. All 07 STPs are operational and 01 STP is also commissioned in Noida. There were total 10 identified sewerage strengthening works in Noida. All 10 Sewerage strengthening projects have been completed.

District	Total Sewage Generation	Total Treatment capacity of STPs Installed	Gap (If any)	Action plan with timeline to fill the gap, if any
<b>Ghaziabad</b>	575 MLD	515 MLD	60	A DPR of Ghaziabad Sewerage Scheme (Karheda zone) amounting Rs. 546.95 cr. under Amrut 2.0 programme has been sanctioned. Tendering in process, technical bid have been opened on dated 09.05.2023, technical evaluation of bid is under process. Timeline for completion is June, 2025.
<b>Noida</b>	215 MLD	411 MLD	0	No

## 2. Status of STPs

### Ghaziabad

There are total 10 STPs in Ghaziabad District, 08 in Ghaziabad and 2 in Loni. As per the latest Monitoring done in March-2023, 08 STPs are compliant with MoEF&CC notification

2017 and 02 STPs namely 56 MLD UASB Indirapuram and 70 MLD UASB Dundahera, are non-compliant with respect to only fecal Coliform value and compliant with respect to other parameters. Analysis Report of STPs in Ghaziabad for month of March 2023 is attached here as **Annexure- 3**. Treated effluent from above mentioned STPs is discharged into River Hindon. Work has been started for construction of Chlorine Contact Tanks (CCT) at 70 MLD (UASB) STP Dundahera and 56 MLD (UASB) STP Indirapuram to control fecal coliform. It will be completed by end of June-2023. Details of operational STPs in Ghaziabad are as below: -

### **Operational STPs**

S. No.	Name and Address of STP	Installed Capacity (MLD)	Technology/ process STP based	Concerned Authority responsible for O&M of STP	Achieving/ Not Achieving (As per MOEFCC notification dated 13.10.2017) (as in March 2023)
1	Trans Hindon (Indirapuram), Ghaziabad	56	UASB	U.P. Jal Nigam (Urban)	<b>Achieving(Except, FC)</b>
2	Sadullabad (Loni), Ghaziabad	30	MBBR	U.P. Jal Nigam(Urban)	<b>Achieving</b>
3	Indirapuram, Ghaziabad	74	SBR	U.P. Jal Nigam(Urban)	<b>Achieving</b>
4	Bapudham, Ghaziabad	56	SBR	GDA	<b>Achieving</b>
5	Indirapuram, Ghaziabad	56	SBR	GDA	<b>Achieving</b>
6	Dudahaida Vijay Nagar, Ghaziabad	56	SBR	U.P. Jal Nigam(Urban)	<b>Achieving</b>
7	Dudahaida Vijay Nagar, Ghaziabad	70	UASB	U.P. Jal Nigam(Urban)	<b>Achieving(Except, FC)</b>
8	Trans Delhi Signature City (Tronica City), Loni	5	MBBR	UPSIDC	<b>Achieving</b>
9	Govindpuram, Ghaziabad	56	SBR	GDA	<b>Achieving</b>
10	Morty, Ghaziabad	56	SBR	GDA	<b>Achieving</b>
<b>Total</b>		<b>515</b>			

**Under Construction STPs for upcoming new areas of Ghaziabad**

01 STP of 21.5 MLD is under construction in Siddharth Vihar, Ghaziabad, details provided in following table:-

S. No.	Name of Town/District	No. of STP	Capacity (MLD)	Constructing Agency	Date of Completion	Present Progress
1.	Sidharth Vihar, Ghaziabad	1	21.5	Awas Vikas Parishad	Jul, 23	70.00%

**Proposed STPs**

S. No.	Name of Town/District	No. of STP	Capacity (MLD)	Present Progress
1.	Ghaziabad	1	68	A DPR of Ghaziabad Sewerage Scheme (Karheda zone) amounting Rs. 546.95 cr. under Amrut 2.0 programme has been sanctioned. Tendering in process.

**Noida**

As per the information provided by Noida Authority, in Noida, 08 STPs with total capacity of 411 MLD that are based on Sequential batch reactors (SBR) technology. As per the latest Monitoring done in March-2023, 07 STPs are compliant with MoEF&CC notification, 2017 and 01 STP of 80 MLD in Sector-123, Noida is not operational. It was under trial in the month of Feb, 2023. Analysis Report of STPs in Noida for month of March 2023 is attached here as **Annexure- 4**. 06 no. of STPs are directly connected with Online Continuous Emission monitoring system (OCEMS) server of CPCB & rest 02 STPs namely 35 MLD Sector 123 and 50 MLD Sector 168 are in tendering process for OCEMS connectivity. Details of STPs in Noida are stated in the table below: -



Sl. No.	Name and Address of STP	Installed Capacity (MLD)	Technology/ process STP based	Concerned Authority responsible for O&M of STP	Achieving/ Not Achieving (As per MOEFCC notification dated 13.10.2017)(as in March 2023)
1	Sector-54, Noida	33	SBR	Noida Authority	<b>Achieving</b>
2	Sector-50, Noida	25	SBR	Noida Authority	<b>Achieving</b>
3	Sector-123, Noida	35	SBR	Noida Authority	<b>Achieving</b>
4	Sector-168, Noida	50	SBR	Noida Authority	<b>Achieving</b>
5	Sector -50 Noida	34	SBR	Noida Authority	<b>Achieving</b>
6	Sector-54, Noida	54	SBR	Noida Authority	<b>Achieving</b>
7	Sector-168, Noida	100	SBR	Noida Authority	<b>Achieving</b>
8	Sector-123, Noida	80	SBR	Noida Authority	<b>Not-Operational</b>
<b>Total</b>		<b>411</b>			

### 3. Septage Management: -

For septage management in Ghaziabad City , construction of 50 KLD Co-treatment facility at the existing 56 MLD STP (UASB) Indrapuram and construction of 32 KLD FSTP Loni have been completed. FSTP Loni has been handed over to Nagar Palika Parishad Loni.

### 4. Status of Tertiary Treatment Plants (TTP)

As per information provided by Noida Authority, in order to control Fecal Coliform & improve outlet parameter, 01 Tertiary Treatment Plant (TTPs) is operational and 02 TTPs are under tendering process. Status of TTPs are as follows: -



Operational Tertiary Treatment Plant (TTPs)						
S.No.	District	Location of STP	Capacity of STP (inMLD)	Capacity of TTP(inMLD)	Status of TTP (Tertiary Treatment Plant)	Time Line
1.	Noida	Sector 168	100	100	TTP is installed and operational.	Operational

Under Tendering Tertiary Treatment Plant (TTPs)						
S.No.	District	Location of STP	Capacity of STP (inMLD)	Capacity of TTP(inMLD)	Status of TTP (Tertiary Treatment Plant)	Time Line
1.	Noida	Sector 54	33	231	Installation of T.T.P. of ₹ 46.60 Cr is under E-Tendering process.	Dec-23
		Sector 54	54			
		Sector 50	25			
		Sector 50	34			
		Sector 123	35			
		Sector 168	50			
2.		Sector 123	80	80	Tender of ₹ 7.91 Cr is under E-tendering process.	Dec-2023

As per information provided by Ghaziabad Nagar Nigam, in order to control Fecal Coliform & improve outlet parameter, Tertiary Treatment Plant (TTPs) are under construction. Status of TTP is as follows: -

Under Construction Tertiary Treatment Plant (TTPs)						
S.No	District	Location of STP	Capacity of STP (inMLD)	Capacity of TTP(inMLD)	Status of TTP (Tertiary Treatment Plant)	Time Line
1.	Ghaziabad	Indirapuram (UASB)	56	40	Under Construction	Dec-25

### C. Utilization of Sewage Treated Water

In Ghaziabad district, 01 Tertiary Treatment Plant (TTP) of 40 MLD is under construction in Indirapuram, Ghaziabad. Construction will be completed by Dec 2025. After completion of this TTP, treated water from this TTP will be supplied to Sahibabad Industrial Area. Apart from this, treated water is also used in construction sites.

In Noida, treated water is used for irrigation in green belts, parks and in wetlands. As per information from Noida Authority, details of monetised treated water are as under: -

S.No.	Financial Year	Treated water Quantity sold	Total Annual revenue to Noida Authority (In Lakh)
1	2021-22	293 MLD	14.66
2	2022-23	396.5 MLD (As on 31.01.2023)	19.82 (As on 31.01 2023)

**Details of treated water used in irrigation purpose in Noida Area for green belts, parks and in wetlands as below:-**

STP	Time Period	Quantity Used (in MLD)
Sector - 54	Month November-2022 to January-2023	43.31 per day
Sector - 54		
Sector - 50		
Sector - 50		
Sector - 123		
Sector - 168		

**Details of future plan for using treated water for irrigation purpose in one year in Noida is as below: -**

S.No.	Location of STP	Proposed Quantity of treated water use (in MLD)	Area/ Use
1	Sector 54	15	Wetland in polishing pond in premises of STP in Sector-54
2	Sector 50	30	Supply of treated water in green/ 30belt/Park in Sector-51, Sector-7X, Sector-112 to 122

3	Sector 123	35	To NTPC First Stage
4	Sector 168	20	Golf Course, Sector-151, Shahid Bhagat Singh, Sector-150, Along Noida Greater Noida Express-Way Green belt
		20	Green belt, Park & Wetland Sectors Along Noida Greater Noida Express-Way Green belt
<b>Total</b>		<b>120 MLD</b>	

#### **D. Action Taken For Abatement Industrial Pollution and Sewage Pollution Load on Yamuna**

Effective monitoring mechanism of UPPCB is already in place. Strict action against defaulting industrial units and STPs is being taken under the provisions of Water Act and Environmental Compensation is being levied upon them as per the guidelines of CPCB. In non-conforming areas, regular inspections are being carried out by District Level Committee and defaulting units are either shut down/ demolished or electricity connection snapped. The latest brief regarding action taken against defaulter units and STPs of Group Housing society (GHS) in Conforming and Non-Conforming areas of Ghaziabad and Noida is as under: -

Area	Type of Area	No. of Defaulter Units	Show Cause/Closure issued	Electricity Disconnection/ Sealed	Environmental Compensation imposed
<b>Sahibabad Area</b>	Conforming Areas	66	66	0	₹ 354.1 Lakh
	Non-Conforming Areas	192	0	192 units Electricity Disconnected	---
<b>Loni Area</b>	Conforming Areas	72	72	0	₹ 238.15 Lakh
	Non-Conforming Areas	1310	0	1310	₹ 1.35 Lakh
<b>Noida</b>	Conforming Areas	10	10		₹ 82.28 Lakh

The regular inspection of Group Housing society (GHS) STPs has been done by UPPCB & Noida Authority in Noida. Action by means of issuing show cause notice and initiating

prosecution under relevant sections of Water (Prevention & Control of Pollution) Act, 1974 has been taken by UPPCB against 77 earlier defaulter Group Housing Societies. UPPCB has also imposed Environmental compensation of ₹ 16.31 Crore as per CPCB guidelines against defaulter GHS in Noida. As per latest report, the status of STPs in GHS of Noida Authority is as below:-

No. of Group Housing Society (GHS)	STP Installed	STP Not Installed*	Complying STP	Not Complying STP in terms of Fecal Coliform Norms (Action for installing fecal Coliform removal unit/chlorination unit)
95	83	12	69	14

\*Not installed (but having sewer line connection to terminal STP of Noida Authority)

## E. Monitoring Mechanism

### 1. River Rejuvenation Committee (RRC)

The River Rejuvenation Committee (RRC) for Uttar Pradesh has been constituted in compliance of Hon'ble National Green Tribunal (NGT) order dated 20.09.2018 in OA No. 673/2018. RRC regularly monitors water quality in polluted stretch of River Yamuna and its tributaries, progress of bioremediation/ phyto-remediation, compliance of STPs, etc.

### 2. Special Monitoring Cell

Special Monitoring Cell is created at Regional Office, UPPCB, Ghaziabad which carries out monitoring of drains, rivers, and STPs existing under the jurisdiction of Gautam Budh Nagar and Ghaziabadat periodic intervals. The analysis reports of drains, rivers, and STPs are also reported to NMCG.

## F. Review of DDA's Project "Restoration and Rejuvenation of Yamuna Flood Plain" (Uttar Pradesh Part).

As per the information received from U.P. Irrigation and water resources department, the status is as under: -



1. OA no 06/2012 Manoj Mishra Vs UOI and Others relates to Yamuna River Pollution Control issue. This covers identification and demarcation of flood plain zone, maintaining E-flow in the River Yamuna, Removing of encroachment in flood plain zone and development of bio-diversity Park. This case has been disposed by Hon'ble NGT with the directions to the Chief Secretaries of concerned States to review and monitor the compliance from time to time.
2. In pursuant to the direction of the Upper Yamuna River Board, Irrigation Department is ensuring the compliance of maintaining E-flow (10 Cumec).
3. Demarcation of flood plain zone has been done in year 2015.
4. In the first phase DDA is developing Biodiversity Park on the eastern bank of Yamuna River (from old railway to ITO barrage). The cost of development of Biodiversity Park is ₹35.94 Crores. U.P. Government has released ₹10.49 Crores in the last week of December, 2020 to DDA. This amount is to be utilized by DDA in the development of Bio Diversity Park on UP Portion of land which is 86 Hectares out of total 167 Hectares.
5. **Action taken with regard to prevent dumping on Yamuna floodplains.**

As per information received from U.P. Irrigation and water resources department earlier, U.P. Irrigation Department is keeping continuous watch-and-ward over such type of activities. Presently there is no solid waste/debris existing on the U.P. Irrigation land. In future, if any violation of directions issued related to dumping of debris is found; resulting compensation shall be imposed as per direction given by Hon'ble NGT. Government of Uttar Pradesh also gave permission to DDA for installing of CCTV cameras on U.P. portion.

Lucknow :

Dated : 12 May, 2023

  
( Devendra Singh Chauhan )  
Under Secretary

**Water Quality of U/S & D/S of Noida Drain (Kondli Drain) in Noida-**

Sl. No.	Sample Location	Date	Physio-Chemical Parameters				Bacteriological Parameters	
			pH 6.5-9.0	BOD (mg/l) <30	COD (mg/l) <250	TSS (mg/l) <100	Total Coliform (MPN/10 0ml)	Fecal Coliform (MPN/100ml) <1000
<b>Water Quality of Kondli Drain at upstream and downstream</b>								
<b>March 2023</b>								
	U/S Kondli Drain Entry point Sector-11 (Near Hari Darshan Police Chowki) Noida	22.03.23	7.86	76.0	272.0	149.0	3800000	2600000
	D/S Kondli Drain Before Meeting of Yamuna River (Vill- Chak Mangaraula), Noida	22.03.23	7.48	48.0	240.0	126.0	3200000	2200000

Water Quality of Kondli Drain at Entry and Exit Point of NOIDA as observed during date of Grab sampling.



**Analysis Report of Ghaziabad Drains (March 2023)**

S. No.	Name of Sampling Point	Sample Date	Colour	pH	D.O. (mg/l)	B.O.D (mg/l)	C.O.D (mg/l)	T.S.S (mg/l)	Total coliform / 100ml
1.	ARTHALA DRAIN	15.03.2023	Blackish	6.85	NIL	45.0	295.0	213.0	4700000
		28.03.2023	Blackish	6.90	NIL	34.0	153.0	208.0	4800000
2.	DASNA DRAIN	15.03.2023	Turbid	6.90	NIL	32.0	189.0	184.0	7000000
		28.03.2023	Turbid	7.20	NIL	36.0	217.0	190.0	6300000
3.	HINDON VIHAR DRAIN	15.03.2023	Turbid	6.84	NIL	31.0	173.0	263.0	9400000
		28.03.2023	Turbid	6.76	NIL	51.0	349.0	190.0	8400000
4.	INDIRAPURAM DRAIN	15.03.2023	Turbid	6.92	NIL	28.0	122.0	156.0	5800000
		28.03.2023	Turbid	6.88	NIL	20.0	60.0	218.0	4600000
5.	INDRAPURI DRAIN	15.03.2023	Turbid	6.90	NIL	48.0	312.0	132.0	3300000
		28.03.2023	Turbid	7.30	NIL	27.0	228.0	155.0	4100000
6.	JAWALI DRAIN	15.03.2023	Colorless	6.75	NIL	13.0	48.0	83.0	2700000
		28.03.2023	Colorless	6.90	NIL	26.0	66.0	38.0	170000
7.	KARHEDA DRAIN	15.03.2023	Blackish	6.68	NIL	36.0	148.0	234.0	4100000
		28.03.2023	Blackish	7.10	NIL	55.0	264.0	107.0	4100000
8.	KAILABHATTA DRAIN	15.03.2023	Turbid	6.80	NIL	33.0	166.0	345.0	5800000
		28.03.2023	Turbid	6.60	NIL	53.0	205.0	114.0	7000000
9.	SAHIBABAD DRAIN	15.03.2023	Blackish	6.62	NIL	45.0	256.0	242.0	7000000
		28.03.2023	Blackish	6.82	NIL	66.0	360.0	212.0	4800000
10.	PRATAP VIHAR DRAIN	15.03.2023	Turbid	6.74	NIL	15.0	116.0	65.0	4000000
		28.03.2023	Turbid	6.92	NIL	23.0	136.0	243.0	3800000
11.	BANTHLA DRAIN	15.03.2023	Blackish	6.55	NIL	39.0	100.0	120.0	4100000
		28.03.2023	Turbid	7.04	NIL	49.0	303.0	112.0	4600000

## Annexure-D

जीएडा क्षेत्र के सिंचाई नाले से जुड़ने वाले विभिन्न नालों का विवरण

क्र.सं०	सिंचाई नाले से जुड़ने वाले विभिन्न नाले
1	समरपिंते सैक्टर-22
2	ए-16, सैक्टर-23 के सामने
3	ए-17/23 के सामने
4	गेट के सामने, धाने के पास, सैक्टर-23
5	आशीष कॉन्वेंट स्कूल, सैक्टर-33 के पास
6	कृष्णको कॉलोनी, सैक्टर-35
7	कृष्णको कॉलोनी, सैक्टर-35 (मोरना के सामने)
8	राजवासी कैंटर्स मोरना हरिजन बस्ती
9	सैक्टर-34
10	सुरभी हॉस्पिटल मोरना
11	सर्विस रोड
12	केन्द्रीय विहार, सैक्टर-51
13	पुलिस चौकी, सैक्टर-51
14	केन्द्रीय विहार की तरफ (गोल चक्कर) सैक्टर-51
15	सैक्टर-50, 51 बीच रोड पर सैक्टर-51 कह तरफ गोल चक्कर के पास
16	सैक्टर-50 नील गिरी हिल्स एफ-01
17	सैक्टर-50 UGR
18	काजल डेयरी, सामुदायिक शौचालय, बरौला नाला, सैक्टर-50
19	ग्राम-बरौला शमशान के पास
20	बहमपाल मार्केट भाटी डेयरी ग्राम-बरौला
21	महागुन मजारिया सैक्टर-76 के सामने
22	मेन जक्शन, सैक्टर-76
23	एस0एम0जी0 पब्लिक स्कूल, राजीव कॉलोनी भंगेल
24	सतनाम कैराना स्टोर भंगेल
25	NSI/ मैट्रो के नीचे
26	भंगेल वाला नाला
27	हौजर
28	एडवाण्ट, सैक्टर-142
29	सैक्टर-135 के पास
30	सैक्टर-82 के पास



(संजय पाराशर)  
वरिष्ठ प्रबन्धक  
जल खण्ड-प्रथम

## Performance Audit of STPs in Ghaziabad (March 2023)

S. No.	Name and Address of STP	Year of Commissioning	City/Town / District	Installed Capacity (MLD)	Technology/ process STP based	Concerned Authority/ responsible for O&M of STP	pH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	TC (MPN/100ml)	FC (MPN/100ml)	Achieving/ Not Achieving (As per MOEFCC notification dated 13.10.2017)
1	56 MLD Trans Hindon (Indirapuram), Ghaziabad	2000	Ghaziabad	56	UASB	U.P. Jal Nigam	7.4	25.0	73.0	36.0	3400000	2700000	Not Achieving
2	30 MLD, Sadullabad (Loni), Ghaziabad	2012	Ghaziabad	30	MBBR	U.P. Jal Nigam	7.6	6.0	73.0	10.0	2500	930	Achieving
3	74 MLD S.B.R., Indirapuram, Ghaziabad	2013	Ghaziabad	74	SBR	U.P. Jal Nigam	7.23	6.0	54.0	8.0	3500	790	Achieving
4	56 MLD S.B.R., Bapudham, Ghaziabad	2014	Ghaziabad	56	SBR	GDA	7.6	9.0	57.0	10.0	1600	280	Achieving
5	56 MLD, Indirapuram, (GDA), Ghaziabad	2012	Ghaziabad	56	SBR	GDA	7.36	12.0	56.0	16.0	1600	920	Achieving



6	56 MLD S.B.R., Dudahaida Vijay Nagar, Ghaziabad	2013	Ghaziabad	56	SBR	U.P. Jal Nigam	7.56	8.0	59.0	10.0	1700	790	Achievin g
7	70 MLD U.A.S.B.R. Dudahaida Vijay Nagar, Ghaziabad	2000	Ghaziabad	70	UASB	U.P. Jal Nigam	7.3	24.0	60.0	30.0	4300000	3100000	Not Achievin g
8	5 MLD Trans Delhi Signature City (Tronica City), Loni	2019	Ghaziabad	5	MBBR	UPSIDC	7.53	8.0	60.0	10.0	1100	200	Achievin g
9	56 MLD S.B.R. Govindpura m, Ghaziabad	2014	Ghaziabad	56	SBR	GDA	7.4	8.0	50.0	9.0	2100	450	Achievin g
10	56 MLD S.B.R., Morty, Ghaziabad	2018	Ghaziabad	56	SBR	GDA	7.5	9.0	63.0	15.0	2400	680	Achievin g



**Performance Audit Noida STPs - March-2023**

S. No.	Sampling Point	Date	Colour	pH	B.O.D (mg/l)	C.O.D (mg/l)	T.S.S (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	PO <sup>3-</sup>	NO <sup>2-</sup>
1.	Sector 50 (25MLD SBR Outlet), Noida	06.03.23	Colourless	7.64	13.0	92.0	42.0	2800	790	0.84	0.3
		13.03.23	Colourless	7.62	9.0	88.0	39.0	1100	700	0.26	0.42
		20.03.23	Colourless	7.72	8.0	76.8	37.0	1600	540	0.38	1.2
		27.03.23	Colourless	7.51	11.0	93.6	28.0	2100	450	1.2	0.53
2.	Sector 50 (34 MLD SBR Outlet), Noida	06.03.23	Colourless	7.34	12.0	84.0	38.0	1600	240	1.4	0.53
		13.03.23	Colourless	7.28	8.0	68.8	37.0	2400	610	0.46	0.34
		20.03.23	Colourless	7.68	13.0	123.0	52.0	1500	680	1.1	1.3
		27.03.23	Colourless	7.26	15.0	128.0	51.0	1100	830	1.1	0.32
3.	Sector 54 (33 MLD SBR Outlet), Noida	06.03.23	Colourless	7.44	11.0	73.6	41.0	2500	930	1.1	0.5
		13.03.23	Colourless	7.36	12.0	104.0	58.0	4000	920	0.58	1.2
		20.03.23	Colourless	7.63	9.0	84.8	43.0	1200	400	0.62	0.58
		27.03.23	Colourless	7.44	12.0	101.6	33.0	1600	920	1.7	0.5
4.	Sector 54 (54 MLD SBR Outlet), Noida	06.03.23	Colourless	7.56	14.0	104	59.0	1100	200	1.6	0.18
		13.03.23	Colourless	7.55	9.0	84.0	41.0	1400	680	1.3	0.54
		20.03.23	Colourless	7.63	19.0	168.0	68.0	1700	790	0.88	0.64
		27.03.23	Colourless	7.31	16.0	145.6	46.0	2500	780	1.3	0.42
5.	Sector 123 (35 MLD SBR Outlet), Noida	06.03.23	Colourless	7.48	9.0	69.6	34.0	1400	780	1.7	0.38
		13.03.23	Colourless	7.42	11.0	94.4	56.0	1600	350	0.19	0.68
		20.03.23	Colourless	7.63	13.0	132.8	61.0	2400	930	0.18	0.46
		27.03.23	Colourless	7.51	9.0	78.4	27.0	1400	790	0.86	0.46
6.	Sector 168 (50MLD SBR Outlet), Noida	06.03.23	Colourless	7.53	15.0	136.0	63.0	2200	450	1.1	0.5
		13.03.23	Colourless	7.53	14.0	136.0	63.0	3500	790	0.54	0.46
		20.03.23	Colourless	7.54	10.0	79.2	46.0	1500	930	0.50	0.36
		27.03.23	Colourless	7.38	14.0	112.0	36.0	2000	920	1.6	0.5
7.	Sector 123 (80 MLD SBR Outlet), Noida	The S.T.P. was under trial in the month of Feb, 2023 and not operational in month of March, 2023.									
8.	Sector 168 (100 MLD SBR Outlet), Noida	06.03.23	Colourless	7.47	9.0	85.6	24.0	1400	400	0.56	0.38
		13.03.23	Colourless	7.82	7.0	69.6	29.0	1200	450	0.33	0.54
		20.03.23	Colourless	7.53	12.0	108.0	51.0	1100	200	1.2	0.3
		27.03.23	Colourless	7.47	09.0	85.6	24.0	1600	280	0.56	0.38