

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,  
PRINCIPAL BENCH, NEW DELHI

Original Application No. 470/2022

Report in the matter of Original Application No. 470/2022 titled as Rao Satvir Singh & Anr. Versus Union of India & Ors.

Hon'ble Tribunal has directed vide its order dated 13/07/2022 in the above said matter as follows:

*"6" Since in the present case, the issue raised is of pollution at Gurugram which has been subject matter of earlier consideration and directions, we direct a joint Committee of CPCB, State PCB, Commissioner Municipal Corporation, Gurugram and District Magistrate, Gurugram to furnish a factual and action taken report giving updated factual status of disposal of sewage and trade effluents in the Najafgarh drain before its entry in Delhi within one month by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/ OCR Support PDF and not in the form of Image PDF. The Haryana State PCB will be the nodal agency for coordination and compliance. The report may mention sources of such discharges into drain, quantity of sewage being discharged and the performance of STPs. The report may also mention compliance status of directions of the Tribunal in OA No. 6/2012 and OA No. 887/2019, supra. List for further consideration on 12.09.2022".*

In compliance with the order of the Tribunal, the Committee is constituted, comprising the following:

1. Sh. Suneel Dave-Director RD Chandigarh CPCB at Chandigarh.
2. Smt Anu, CEO Zila Parishad, (representative of District Magistrate Gurugram).

3. Sh. Gopal Kalawat- Executive Engineer-II-  
representative of Municipal Corporation  
Gurugram.

4. Sh. Sandeep Singh, Regional Officer-HSPCB-  
Gurugram South.

The first meeting of the committee was held on dated 07.09.2022 and following decisions were taken. The brief of meeting is as following:

MCG/GMDA to provide:

- a. A map showing all the drains (legs of storm water) leading to Najafgarh drain with the estimated quantity of discharge of each drain.
- b. The number and relevance details of the points meeting the drains (as identified Leg-I, Leg-II & Leg-III).
- c. The number of points intercepted & the sewage diverted for treatment and the number of points yet to be intercepted with respect to all drains (Leg-I, Leg-II & Leg-III).
- d. The Sewage treatment capacity installed, commissioned and proposed.

HSPCB is to provide:

- e. The number of sampling points on all the drains along with pollutants / parameters monitored for water quality.
- f. The compliance and performance status of STPs along with treatment capacity installed v/s utilised.

CEO (ZP)/GMDA, Gurugram is to provide:

- g. The land details and its area submerged from water logging at the confluence of Najafgarh drain due to sewage outflow from the above three drains of Gurugram.

The second meeting of the committee was held on 13.09.2022 and where committee decided to undertake a site inspection to assess the status of pollution and its mitigation measures to be taken by

the authority. The site inspection was carried by the following members of the committee -

- i. Sh. Suneel Dave, Director CPCB.
- ii. Sh. Sandeep Singh, Regional Officer, Gurugram Region (South), HSPCB.

The above members were assisted by Sh. Vikram Singh, Executiver Engineer, GMDA (Gurugram Metropolitan Development Authority) and Sh. Divyanshu, Assistant Environmental Engineer, HSPCB, Gurugram Region (South). The photographs showing leg III, water logging in open due to discharge through three drains/legs and STP's is enclosed as **Annexure-A**.

The observations of the Committee, considering the documents, reports and field visit, are summarised below:-

- I. The Storm Water Drainage System of Gurugram comprises three drains, namely Leg-I, II & III eventually forms open water stagnant which outflows into Najafgarh drain. The master drainage system of Gurugram is maintained by the Gurugram Metropolitan Development Authority (GMDA). The Leg-I starts from Sikandarpur village Gurugram and ends near sector 115, Gurugram, Leg-II starts from sector 27, 43 dividing road near Super Mart Gurugram via Huda city centre ending near Dharampur Village, sector 107, Gurugram and the Leg-III starts near Ghata village sector 58 via Vatika chowk Sohna road and ends near Dhankot and Kherkimajra Village. All these 3 legs/drains lead to open stagnant water which outflows into Najafgarh drain and thus flows to Delhi. The map showing the drainage system is as **Annexure-B**.

- II. The untreated discharge in all three legs is estimated to be 43.4 MLD out of which 6.6 MLD is in Leg-I, 6.75 MLD in Leg-II & 30.05 MLD in Leg-III. The information related to discharge of sewage in all three legs was obtained from GMDA. It reveals that total number of locations from where waste water falls into leg-I is 28 out of which discharge from 17 locations (21.15 MLD) have been intercepted for treatment. Similarly locations from where waste water falls into leg-II is 47 out of which discharge from 41 locations (40.44 MLD) have been intercepted for treatment and locations from where waste water falls into leg-III is 93 out of which discharge from 61 locations (75.4 MLD) have been intercepted for treatment. Report received from GMDA is with detail of all points, estimate discharge, concerned responsible agency and estimated date for diversion enclosed as **Annexure-C**.
- III. The water quality monitoring of all the three legs (storm water drains) is conducted by HSPCB, on a monthly basis at 03 points each for Leg-I & II and at 09 points for Leg-III. The complete report is attached as **Annexure-D**.
- IV. In Gurugram City the master drainage system including Leg-I, Leg-II & Leg-III and treatment of the Waste domestic effluent is maintained/catered by Gurugram Metropolitan Development Authority. Total five STPs have been provided at two different locations namely, Behrampur & Dhanwapur to cater the treatment of sewage generated in Gurugram City. These STP's are maintained and operated by GMDA. The STPs at Behrampur having capacity of 120 MLD

and 50 MLD and at Dhanwapur STPs having capacity of 100 MLD, 68 MLD and 50 MLD respectively. Total capacity of the treatment system is 388 MLD against which 330 MLD of sewage is received for treatment. The following information and details of STPs are provided by GMDA -

- (i) 120 MLD STP at Behrampur is based on Sequencing Batch Reactors (SBR) technology and has 30 MLD tertiary treatment facilities. The process for installation of the tertiary system for the remaining 90 MLD is under tendering.
- (ii) 50 MLD STP at Behrampur is based on Activated Sludge Process (ASP) technology and has installed tertiary treatment for the entire 50 MLD.
- (iii) 100 MLD STP at Dhanwapur is based on ASP technology and has installed only 25 MLD tertiary treatment facilities.
- (iv) 50 MLD STP at Dhanwapur is based on SBR technology and has installed tertiary treatment for the entire 50 MLD.
- (v) 68 MLD STP at Dhanwapur is based on SBR technology and has installed tertiary treatment for the whole 68 MLD.

The detail of the parameters is attached as **Annexure- E.**

It is observed that all the STPs are not achieving BOD 10 mg/l limit always and 100 MLD STP Dhanwapur, Gurugram is not achieving even the BOD 30 mg/l limit.

- V. In addition to these there is one CETP (Combined Effluent Treatment Plant) of capacity 55 MLD operating at Manesar for the industrial units located at IMT Manesar. The CETP is treating the domestic effluent as well as industrial effluent generated by these units and is maintained and operated by GMDA and HSPCB is monitoring the same on monthly basis and Analysis Report for last

Six months is attached as **Annexure-F**. The data evaluation has suggested that the treatment plant is complying with the standards stipulated by the SPCB.

### Usage of Treated Waste Water -

Presently, 263 MLD treated waste water is available at STPs & CETP i.e. 80 MLD at STP Behrampur and 138 MLD at STP Dhanwapur & 45 MLD at CETP Manesar. Out of which, 117 MLD treated waste water is being used for various purposes i.e. horticulture, industrial usage, development of water bodies and agriculture.

#### (A) At Gurugram

i) For Horticulture purposes =	25 MLD
ii) Textile Industries Sec -34 =	5 MLD
iii) Construction purposes by Builders / Developer =	9 MLD
iv) Development of water bodies and foresting purposes =	3 MLD
Sub Total =	<b>42 MLD</b>

#### (B) For Irrigation purposes

Usage of TWW for agriculture purposes in Gurugram & Jhajjar Distt. villages by Irrigation Deptt. through 188 MLD

STP Channel =	75 MLD
Grand Total =	<b>117 MLD</b>

VI. The committee has also observed that the entire effluent carried by three drains (leg-I, II and leg-III) is getting accumulated near the confluence with Najafgarh drain fairly due to un-channelized flow. The accumulation of untreated sewage, obviously has caused water logging into the area. It is estimated that about 58 acres of land was under submergence during 1990 and this has gone up to a maximum of 5678 acres in

2021. (An increase of 100 times in nearly 30 years) Map is attached as **Annexure-G**.

VII. The HSPCB has issued notice to GMDA for non-compliance of sewage treatment plant due to inadequate treatment and discharging untreated sewage into the drains, which are not designed to carry the sewage, thereby causing pollution and may have impacted the groundwater aquifers. Further, the HSPCB has initiated action for prosecution against GMDA.

VIII. Presently as per GMDA the capacity of STP's is sufficient to treat the present discharge and keeping in view of the floating population, seasonal variation in water consumption, mixing of surface run off with sewage in rainy days in Gurugram and to bridge the gap between existing capacity and future increase in waste water generation, the following STP's are under construction by the GMDA:

Location of the STP	Capacity of the STP	Present status
Jahajgarh, Gurugram	20 MLD	Civil Work completed.
Bajghera, Gurugram	02 MLD	Civil Work completed
Manesar, Gurugram	25 MLD	Civil work started
Behrampur, Gurugram	100 MLD	Under estimate preparation stage
Dhanwapur, Gurugram	100 MLD STP	Under tendering process

Further, HSPCB has imposed Environmental Compensation of Rs. 2.6 Crore on Municipal Corporation Gurugram for discharging untreated effluent in to Leg I and II. Further HSPCB is imposing the Environment Compensation to the tune of Rs. 5 Lakh per drain per month basis.

The said report is being filed by Regional Officer, HSPCB, Gurugram Region South on behalf of Haryana State Pollution Control Board being the nodal agency in the said case to apprise the Hon'ble NGT about the present progress of the case. The committee constituted by the Hon'ble NGT in the said case requires more information from GMDA (being the nodal agency for treatment of domestic waste water and its management), analysis & evaluation of the data. Accordingly a complete report with recommendations will be submitted before the Hon'ble National Green Tribunal.



**Sandeep Singh,  
Regional Officer, HSPCB  
Gurugram Region (South)**





Unnamed Road, Gurugram, Haryana  
122505, India

Latitude

28.479712°

Longitude

76.959076°

LOCAL 13:24:13

GMT 07:54:13

TUESDAY 09.13.2022

ALTITUDE 161 METER











M3M Woodshire, Sector 108, Gurugram,  
Haryana 122006, India

Latitude

28.514273°

Longitude

76.971381°

LOCAL 13:50:04

GMT 08:20:04

TUESDAY 09.13.2022

ALTITUDE 264 METER









# Annexure-B



## MASTER STORM WATER DRAINAGE, G.M.U.C. 2031- A.D., GURGAON

### GURGAON - MANESAR URBAN COMPLEX - 2031 AD

FINAL DEVELOPMENT PLAN FOR CONTROLLED AREAS DENOTED ON DRG.NO.-D.T.P.(G)1936 DATED 16.04.2010 UNDER SECTION 5 (7) OF ACT NO. 41 OF 1963

**LEGEND:-**

- STATE BOUNDARY
- MUNICIPAL CORPORATION BOUNDARY
- OLD MUNICIPAL COMMITTEE LIMIT
- CONTROLLED AREA BOUNDARY
- VILLAGE ABADI
- METALLED ROAD
- KATCHA RASTA
- NATIONAL HIGHWAY
- RAILWAY LINE
- METRO ROUTE
- WATER BODIES / DRAIN / RIVER
- SECTOR NO / DENSITY / PPH

100 RESIDENTIAL (GROUP HOUSING/PLOTTED)

200 COMMERCIAL

300 INDUSTRIAL

320 LIGHT INDUSTRY

330 MEDIUM INDUSTRY

340 HEAVY INDUSTRY

400 TRANSPORT AND COMMUNICATION

410 RAILWAY STN., YARD, SIDINGS

420 BUS STAND, WORK SHOP, PARKING

450 TELEPHONE EXCHANGE

500 PUBLIC UTILITIES

510 WATER WORKS

520 DISPOSAL WORKS

530 GRID SUB STATION

600 PUBLIC AND SEMI PUBLIC USE

610 MINI SECRETARIAT, JUDICIAL COMPLEX, JAIL, POLICE STATION AND OTHER INSTITUTIONS

620 EDUCATIONAL, CULTURAL, RELIGIOUS INSTITUTIONS

630 MEDICAL AND HEALTH INSTITUTIONS

640 CULTURAL INSTITUTIONS LIKE THEATRES, OPERA HOUSES ETC. OF NON-COMMERCIAL NATURE

650 DEFENCE LAND

700 OPEN SPACES

710 SPORTS GROUNDS, STADIUMS, PLAY GROUNDS

720 PARKS

760 WATER BODIES/LAKES

800 AGRICULTURAL ZONE

810 MARKET GARDEN

820 LAND UNDER AGRICULTURE OPERATION WHERE NO CHANGE OF LAND USE / LICENSE SHALL BE GRANTED.

850 FOREST LAND

890 DAIRY FARMING / GAUSHALA

900 SPECIAL ZONE

1000 NATURAL COSEVATION ZONE

HUBS

H-5 ENTERTAINMENT HUB, H-6 WORLD TRADE HUB & H-7 FASHION HUB



LOCATION	SIZE (M)	LEVEL (M)			DICHARGE (CUSEC)
		G.L	F.L	IL	
A	2 X 3.00 X 2.12	233.700	242.000	232.000	782.830
B1	2 X 3.00 X 2.12	238.250	237.750	231.100	862.510
B	2 X 3.00 X 2.12	234.280	235.080	230.250	884.910
C1	2 X 3.00 X 2.12	233.280	234.780	229.600	971.440
C2	2 X 3.00 X 2.12	230.600	230.700	228.310	1118.310
C'	2 X 3.50 X 2.12	228.250	228.500	226.000	1249.320
C	2 X 3.50 X 2.12	224.750	225.750	223.690	1055.470
C SOHNA ROAD	2 X 3.50 X 2.12	224.750	----	223.520	1111.800
D	2 X 3.50 X 2.73	222.520	----	219.790	1455.320
E	2 X 4.00 X 2.73	222.520	----	218.130	1750.610
FNH 8	60X 3.05 X 2.70	NH-8 KHANDSA CULVERT			----
F1 NH-8	RCC PIPE 2X2400 MM	221.930	----	215.800	PRESENT CAPACITY 500 CUSEC
f VILL. KHANDSA	4 X 3.05	219.580	----	214.760	PRESENT CAPACITY 500 CUSEC
H	13.05 X 2.70	221.210	----	215.430	1364.640
I PATAUDI ROAD	13.05 X 2.70	218.580	----	214.290	1915.600
J RAILWAY CROSSING	3X 6.70 X 2.70	217.450	----	213.770	2030.600
K DHANKOT	20X 2.00	215.800	----	212.900	3542.610
L NAJAFGARH	20X 2.00	213.230	----	213.740	3702.000

**REFERENCE**

1. WORK COMPLETED
2. WORK IN PROGRESS
3. ADDITIONAL DRAIN TO BE CONSTRUCTED OF ENHANCED CAPACITY
4. LAND UNDER STAY/LITIGATION/ENCROACHMENT
5. PART OF BADSHAHPUR DRAIN TO BE GOT CONSTRUCTED IRRIGATION DEPARTMENT
6. CREEKS
7. BADSHAHPUR DRAIN ACROSS KHANDSA VILLAGE TO BE UPGRADED FOR ENHANCED CAPACITY. DPR UNDER PREPARATION.
8. KATCHA DRAIN RUNNING. LAND BEING MADE AVAILABLE PARTIALLY BY HSIIDC AND BALANCE AVAILABLE WITH HUDA, DPR UNDER PREPARATION.

**DRAWING NO DTP(G) 2104/2012 DATED 09.11.2012**

SCALE:- 1:50000 (IN ORIGINAL DRG. ONLY)

DEPARTMENT OF TOWN AND COUNTRY PLANNING, HARYANA

**DRAWN BY** ASSTT. DRAFTSMAN (DILBAGH AHLAWAT)

**CHECKED BY** PLANNING ASSTT. (HOSHAR SINGH)

**ASSTT. TOWN PLANNER** (J. P. SHARMA)

**DISTT. TOWN PLANNER GURGAON** (VJENDER SINGH)

(R.K. SINGH) SENIOR TOWN PLANNER GURGAON

(ARVIND MEHTANI) CHIEF CO-ORDINATOR PLANNER(NCR) HARYANA

(T.C.GUPTA, IAS) DIRECTOR TOWN & COUNTRY PLG. HARYANA

Monthly Progress report w.r.t diversion of sewage in Action plan in the case of OA No. 06 of 2012  
titled as Manoj Mishra Vs. Union of India and others.

(As on 21.11.2022)

ACTION PLAN FOR CONTROLLING AND TREATMENT OF DISCHARGE IN LEG NO. I

Sr. No.	Responsible Department	Location where waste water falls into Leg No.-I	Discharge in MLD	Target Date	Revised monthly plan								Timelines submitted to NGT	Revised timelines	Justification for extension of timelines having details of COVID or other reason and future course of action	
					Dec,20	Feb,21	April,21	June,21	July,21	Dec,22	Jan,22	Feb,22				
1	GMDA	At Cyber Park near Under pass towards Sikanderpur	02	Achieved										Achieved		
2	GMDA	Near Rapid Metro Pillar 92 Near NH-8 Culvert	2.5	Achieved										Achieved		
3	GMDA	Near Furniture Market, Mehrauli Road, Sikanderpur	1.5	Achieved										Achieved		
4	MCG	At Sikanderpur Village	0.3	Achieved										Achieved		
5	MCG	Near Railway Culvert No. 47, Palam Vihar	2.6	31.12.2021	2%	7%	25%	30%	32%	45%	50%	55%	Achieved		To be verified by GMDA officials	
6	MCG	Near New Cambridge Public School, Choma Road, New Palam Vihar	2	31.12.2021	2%	7%	25%	30%	32%	45%	50%	55%	31.12.2020	31.03.2023	85 % work completed by M/s SantKripa Infra Tech Pvt. Ltd. against agreement amount Rs.225.60 lakhs for laying of sewer line and to connect with 20 MLD STP being proposed at Village Jahazgarh. DPR had been prepared and Administrative approval to the work of construction of 20 MLD STP at Jahajgarh amounting to Rs 32.08 cr has been accorded by GMDA Authority during the meeting held under the Chairmanship of Chief Minister, Haryana on 16.3.2020. Work got delayed owing to the following: 1. Allotment of work got delayed due to no progress during COVID-19	

Sr. No.	Responsible Department	Location where waste water falls into Leg No.-I	Discharge in MLD	Target Date	Revised monthly plan								Timelines submitted to NGT	Revised timelines	Justification for extension of timelines having details of COVID or other reason and future course of action	
					Dec,20	Feb,21	April,21	June,21	July,21	Dec,22	Jan,22	Feb,22				
																Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now. Now, work is in progress and is likely to be completed by 31.12.2021 (Estimate for laying of sewer line for Rs. 19.71 Lakh under technical evaluation)
7	MCG	Near Mother Dairy, Palam Vihar	0.7	Achieved									Achieved			
8	MCG	M/s Sea Hawk, Udyog Vihar, Sec-18	0.5	Achieved									Achieved			
9	MCG	Nagarro Building, Plot No. 36, Udyog Vihar, Sec-18	0.7	Achieved									Achieved			
10	HSI IDC	Green Belt near NH-8 Udyog Vihar	1.5	Achieved									Achieved			
11	HSI IDC	Rao market Udyog Vihar, Sec-18	0.5	Achieved									Achieved			
12	MCG	Locations under Box Type Storm Water Drain	0.4	30.06.2021	10%	20%	30%	35%	37%	48%	50%	52%	30.06.2021	30.03.2022		Estimate for laying of sewer line for Rs. 19.71 Lakh under technical evaluation. Connectivity will be done after work will be completed.
13	MCG	Sewage of village Mullahera connected in Green Belt, Sec-22	01	Achieved									Achieved			
14	MCG	Sewage of Village Dundahera connected with storm water on Old Delhi Road	01	30.11.2020	30%	50%	35%	40%	45%	90%	90%	90%	Achieved			Connection has been disconnected and connected into master sewer line.
15	MCG/ GMDA	Bajghera	1	30-9-2021	0%	7%	15%	17%	18%	21%	21%	21%	30.09.2021	31.03.2024		The estimate for construction of STPs of capacity 2 MLD at Bajghera has been framed amounting to Rs. 7.58 Cr. Respectively and Administrative approval to the

Sr. No.	Responsible Department	Location where waste water falls into Leg No.-I	Discharge in MLD	Target Date	Revised monthly plan								Timelines submitted to NGT	Revised timelines	Justification for extension of timelines having details of COVID or other reason and future course of action
					Dec,20	Feb,21	April,21	June,21	July,21	Dec,22	Jan,22	Feb,22			
															work has been accorded by GMDA Authority during the meeting held under the Chairmanship of Chief Minister, Haryana on 16.3.2020. Work is held upto due to dispute at site. 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of first wave of COVID-19 in 2020 and Subsequent shortage of staff post lockdown due to migration of labour to their native places. 3. No progress during lockdown imposed in view of second wave of COVID-19 in 2021 and subsequent shortage of staff post lockdown due to migration of labour to their native places for MCG. Estimate for providing & laying sewerage system in village Bajghera for Rs. 8.76 cr. is under allotment.
16	MCG	SWD Connection, near Red Rose Public School & RlyTrack, PalamVihar.	4	Achieved									Achieved		
		New points identified in Oct 2020													
17	MCG	Sec 23 & 23A near tubewell no. 1	01	31.12.2020	0%	25%	45%	50%	60%	90%	90%	90%	Achieved		Connection detected during site visit on 8.10.2020. Connection will be disconnected by MCG till 31.12.2021
18	MCG	Near Rezangla chowk	01	31.12.2020	0%	25%	45%	50%	60%	90%	90%	90%	31.12.2020	31.03.2023	1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020.
19	HSIDC	Near Plot No. 421 Phase IV, Udyog Vihar	01	31.12.2020	0%	25%	45%	50%	60%	100%			Achieved		2. No progress during lockdown imposed in view of COVID-19.

Sr. No.	Responsible Department	Location where waste water falls into Leg No.-I	Discharge in MLD	Target Date	Revised monthly plan								Timelines submitted to NGT	Revised timelines	Justification for extension of timelines having details of COVID or other reason and future course of action
					Dec,20	Feb,21	April,21	June,21	July,21	Dec,22	Jan,22	Feb,22			
															3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
	New points identified up to Sept 2021														
20	DLF (GMDA)	Building No. 10, Near NH 8 culvert, Cyber City, Pillar No. 91	0.25	Achieved									Achieved		The connection has been disconnected by DLF on 05.10.2021
21	MCG	Nathupur Village Near Furniture Market	0.20								0%	0%		31.03.2023	Work allotted for laying of new sewer line.
22	HSI IDC	Near Discovery Wines L-1 parking Sector 18	0.20								0%	0%		30.06.2022	
23	MCG	Near Sikanderpur Culvert, Leg-I	0.60								0%	0%		31.03.2023	Work allotted for laying of new sewer line.
24	DLF (GMDA)	Building No. 10, Near Rapid Metro Pillar No.-85, Cyber City	0.10	Achieved						100%			Achieved		The connection has been disconnected by DLF on 05.10.2021
25	HSI IDC	Behind AIHP tower, Parking Area, Sec-18	0.40								0%	0%		30.06.2022	
26	HSI IDC	Seahawk, Sec-18	0.20								0%	0%		30.06.2022	
27	MCG	Opposite Rotary Public School Gate No.-2, sec-22	0.40								0%	0%		30.06.2023	Estimate under admin approval for laying of sewer line for Rs. 61.55 Lakh.
New Points															
28	MCG	New	0.2											30.06.2023	Estimate under admin approval for laying of sewer line for Rs. 12.63 Lakh.
Total			27.75												

Discharge diverted- 21.15 MLD

Balance discharge to be diverted/treated- 6.60 MLD

Target Date – 31.03.2023

## ACTION PLAN FOR CONTROLLING AND TREATMENT OF DISCHARGE IN LEG NO.II

Sr. No.	Responsible Department	Location where waste waterfalls into leg No. II	Discharge in MLD	Revised monthly plan						Timelines submitted to NGT	Revised timelines	Justification for extension of timelines having details of COVID or other reason and future course of action		
				Dec,20	Feb,21	Apr,21	June,21	July,21	Dec,21				Jan,22	Feb,22
1	GMDA	DLF phase-IV in-front of H.No.6510	1.5									Achieved		
2	MCG	Sukhrali& MDI	2									Achieved		
3	MCG	M. R Motor at Mata Road	0.5									Achieved		
4	MCG	Plot No.999, Mata Road NearKatariaChowk	0.5									Achieved		
5	MCG	Invitation Garden at Mata Road	0.25									Achieved		
6	MCG	Near Mata Temple near Village Gurugram	0.25									Achieved		
7	MCG	Satija Steel near petrol pump	0.01									Achieved		
8	MCG	Akshi Sweets near petrol pump	0.01									Achieved		
9	MCG	Near GAV Academy Gate (Sheetla Colony)	02									Achieved		
10	MCG	Pet Zone Mata road	0.1									Achieved		
11	MCG	Prince Vatika Mata Road	0.1									Achieved		
12	MCG	Dream Garden	0.1									Achieved		
13	MCG	Shop No.28 at Mata Road	0.01									Achieved		
14	MCG	Shop No. 18 & 19	0.01									Achieved		
15	MCG	Near Sector-5 Chowk	1									Achieved		
16	MCG	Near Sheetla Clinic	2									Achieved		
17	MCG	Tee Junction carrier and master SWD opposite Petrol Pump	2									Achieved		
18	MCG	BhimgarhKheri	2	0%	50%	100%						Achieved		Connection detected during site visit on 8.10.2020. Connection disconnected.
19	MCG	PalamVihar C-2 Block	3									Achieved		
20	MCG	Near PalamVihar	0.5									Achieved		

Sr. No.	Responsible Department	Location where waste waterfalls into leg No. II	Discharge in MLD	Revised monthly plan								Timelines submitted to NGT	Revised timelines	Justification for extension of timelines having details of COVID or other reason and future course of action
				Dec,20	Feb,21	Apr,21	June,21	July,21	Dec,21	Jan,22	Feb,22			
21	MCG	Sarai Alawardi	0.6	90%	95%	98%	99%	99%	99%	99%	99%	Achieved		work completed for construction of Standalone STP and under testing and stabilization. 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
22	MCG/GMDA	Jahajgarh Village	1.5	2%	7%	15%	20%	22%	28%	28%	29%	31.12.2020	30.06.2022	The sewage of Sectors 102 to 115 shall be treated at proposed 20 MLD STP at Jahajgarh for which sufficient land is already available with MCG. The work is likely to be completed by December, 2022. DPR had been prepared and Administrative approval to the work of construction of 20 MLD STP at Jahajgarh amounting to Rs 32.08 cr has been accorded by GMDA Authority during the meeting held under the Chairmanship of Chief Minister, Haryana on 16.3.2020. Work is in progress and got delayed due to: 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now. (Estimate for laying of sewer line for Rs. 19.71 Lakh under technical evaluation)
23	MCG	Dharampur Village	0.5									Achieved		Waste water of village connected to STP of Clearlon Experts Pvt. Ltd. as per email dt 10.12.2020 by Panchayat Deptt.

Sr. No.	Responsible Department	Location where waste waterfalls into leg No. II	Discharge in MLD	Revised monthly plan								Timelines submitted to NGT	Revised timelines	Justification for extension of timelines having details of COVID or other reason and future course of action
				Dec,20	Feb,21	Apr,21	June,21	July,21	Dec,21	Jan,22	Feb,22			
24	MCG	Locations under Box Type Storm Water Drain	0.4	10%	20%	30%	40%	45%	60%	62%	65%	31.12.2020	31.12.2022	A committee of GMDA/MCG/HSIIDC/HSPCB has been constituted to resurvey the SWD for tracing the connections time to time. Some of the connections detected in Sept 2021 and added to the list. Next survey scheduled on 18.10.2021. 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now. (1 no. illegal connection found out for Bestech Park View has been disconnected.)
25	GMDA	Surbhi&Navyug Co-operative Society Sec-43	1									Achieved		
26	GMDA	Near entry of Gold Souk Sec 43	0.5									Achieved		
27	GMDA	Surya Society	1									Achieved		
28	GMDA	Near Park Sector 43	1									Achieved		
29	GMDA	Power Grid, Sector 43	0.5									Achieved		
30	GMDA	Unitech trade centre	0.5									Achieved		
31	GMDA	In front of children clinic DLF-IV	0.5									Achieved		
32	MCG	Sewage of Ashok Vihar	5									Achieved		
33	MCG	SWD of size 1x1 connected in Leg-II, near round about sector-5 on PalamVihar Road.	2									Achieved		
<b>New points identified in Oct 2020</b>														
34	MCG	Sec 27 near vyaparkendra	1	0%	0%	90%	100%					Achieved		Connection disconnected
35	MCG	Sukhrali near MDI Chowk	1	0%	50%	100%						Achieved		
36	MCG	Near MR motors, Kataria Fitness centre and near plot no.999	2	0%	50%	100%						Achieved		

Sr. No.	Responsible Department	Location where waste waterfalls into leg No. II	Discharge in MLD	Revised monthly plan							Timelines submitted to NGT	Revised timelines	Justification for extension of timelines having details of COVID or other reason and future course of action	
				Dec,20	Feb,21	Apr,21	June,21	July,21	Dec,21	Jan,22				Feb,22
		<b>New points identified up to Sept 2021</b>												
37	MCG	Near Railway culvert no. 50, PalamVihar C2 Block	1								0%	Achieved		To be verified by GMDA officials
38	MCG	MDI Chowk	2								0%		31.03.2023	Tender floated for 33.24 Lakh for laying of sewer line.
39	MCG	BhimgarhKheriOpp Near HP Petrol Pump	0.75								0%	31.06.2023		Estimate for amount Rs. 103.19 Lakh for laying of sewer line with 4 no. trenchless connection.
40	MCG	Dharpur Village	1.50								0%	31.06.2023		DNIT under approval for 191.79 lakh for laying sewer line in village Dharmapur.
41	MCG	Sec 28 SushantLokOpp Fire Station	2								0%	Achieved		To be verified by GMDA officials
42	GMDA	Police Station Sector 29	0.10									Achieved		Connection has been disconnected by sewer division
43	DLF (GMDA)	Galleria Market Sector 27	0.30									Achieved		Connection has been disconnected by Galleria market Association
44	Regency Park 2 (GMDA)	RP-II Conn. Galleria Road	0.50									Achieved		The connection has been disconnected by DLF
45	Hamilton Society (GMDA)	Hamilton Society Conn. Galleria Road	0.60									Achieved		The connection has been disconnected by Hamilton society
46	DLF (GMDA)	Supermart Red light, Sec-27/43 road	1									Achieved		The connection has been disconnected by DLF
47	MCG	West Rajeev Nagar, Near CRPF camp Chowk	0.60								0%	31.03.2022		Part estimate for Rs. 203.81 lakh is under approval for rectification of sewer connectivity. Rest is under preparation.
		<b>Total</b>	<b>47.19</b>											

Discharge diverted- 40.44 MLD

Balance discharge to be diverted/treated- 6.75 MLD

Target Date- 31.03.2023

## ACTION PLAN FOR CONTROLLING AND TREATMENT OF DISCHARGE IN LEG NO.III

Sr. No.	Responsible Department	Location where waste waterfalls into leg No. III	Discharge in MLD	Revised monthly plan								Timelines submitted to NGT	Revised timelines	Justification for extension of timelines having details of COVID or other reason and future course of action	
				Dec,20	Feb,21	Apr,21	June,21	July,21	Dec,21	Jan,22	Feb,22				
1	MCG	Vatika Chowk, Badshahpur	7.5										Achieved		
2	GMDA	Village Tikri	0										Achieved		
3	RO HSPCB (South)	Industrial discharge of Industries (Setup through C LU) Sector-34 and adjoining area (RO, HSPCB)	0										Achieved		
4	MCG	Naharpur Roopa & unapproved area Rajiv Colony, Nitin Vihar, Hans Enclave etc.	4	75%	90%	99%	100%						Achieved		
5	MCG	Discharge through RCC Drain of MCG to culvert at NH-8/ Mohammadpur Jharsa/ Narsinghpur	2	10%	20%	50%	55%	62%	80%	82%	90%	30.12.2020	31.03.2023	<p>The work of construction of 02 MLD STP at Mohammadpur Jharsa is in progress. Work held up due to COVID 19 lockdown</p> <p>The discharge of Village Narsinghpur &amp; Anaj Mandi will be diverted through newly proposed MPS at Village Khandasa into sewerage system</p> <ol style="list-style-type: none"> <li>Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020.</li> <li>No progress during lockdown imposed in view of COVID-19.</li> <li>Subsequent shortage of staff post lockdown due to migration of labour to their native places. The</li> </ol>	

Sr. No.	Responsible Department	Location where waste waterfalls into leg No. III	Discharge in MLD	Revised monthly plan								Timelines submitted to NGT	Revised timelines	Justification for extension of timelines having details of COVID or other reason and future course of action	
				Dec,20	Feb,21	Apr,21	June,21	July,21	Dec,21	Jan,22	Feb,22				
														work is not at his full-fledged routine till now. (All sewer line has been laid)	
6	MCG	RCC Drain of MCG Village Khandsa	2	10%	20%	70%	100%						Achieved		
7	RO HSPCB	Industrial discharge of Industries (setup through CLU) flowing through kachcha drain merging into RCC Box drain near Plot No.756, Sector-37(RO,HSPCB)											Achieved		
8	MCG	Discharge coming from Village GadauliKalan through drain of MCG	1	90%	100%	Testing & stabilization	Testing & stabilization	Testing & stabilization	Commissioned				Achieved		
9	MCG	Discharge from Village Dhankot	0.5	0%	0%	0%	0%	0%	0%	0%	0%	0%	30.09.2021	30.06.2022	Proposal had been submitted by Panchayat Raj Department to install STP. As Panchayat Raj Department doesn't has technical expertise, it has been decided that GMDA would execute the work as deposit work. The estimate for construction of STPs of capacity 2 MLD at village Dhankot has been framed amounting to Rs. 8.11 Cr and Administrative approval to the works has been accorded by GMDA Authority during the meeting held under the Chairmanship of Chief Minister, Haryana on 16.3.2020. Land for construction of for 2MLD STP at Dhankot has not been made clear from hindrances by Dev. &



Sr. No.	Responsible Department	Location where waste waterfalls into leg No. III	Discharge in MLD	Revised monthly plan								Timelines submitted to NGT	Revised timelines	Justification for extension of timelines having details of COVID or other reason and future course of action	
				Dec,20	Feb,21	Apr,21	June,21	July,21	Dec,21	Jan,22	Feb,22				
															steps would be taken to ensure preservation of the water bodies and decision thereof would be communicated to the petitioners. DDPO, Gurugram has been requested vide letter no. 148 dt 16.03.2021 that the land earmarked by him vide letter dated 14.12.2020 for construction of STP at Dhankot be revisited in light of the direction of Hon'ble High Court and decision be informed to petitioner as well as GMDA accordingly. (Feasibility for pumping arrangement has been explored. But no land is available.
	New Points														
10	GMDA	Culvert of SPR Sector-57(CGHS-1 Society)	7										Achieved		
11	MCG	Village Ghata	3.4										Achieved		
12	MCG	Wazirabad	2										Achieved		
13	MCG	FazilpurJharsa	1.5										Achieved		
14	MCG	Village Islampur	4										Achieved		
15	MCG	Sector- 33 & 34	4										Achieved		
16	Panchayat	Khoh	0.5										Achieved		
17	Panchayat	Bas Khussla	0.25										Achieved		
18	Panchayat	Kasan	3.5										Achieved		
19	PHED	Manesar	2.5	50%	60%	75%	80%	82%	100%				Achieved		
20	PHED	NaharpurKasan	3.85	90%	92%	95%	96%	96%	100%				Achieved		PHED has commissioned the new sewer line in these villages by making pumping arrangements to dispose off sewage at 55 MLD Manesar. Moreover, tender for construction of 25 MLD at Manesar as deposit work of PHED had been



Sr. No.	Responsible Department	Location where waste waterfalls into leg No. III	Discharge in MLD	Revised monthly plan								Timelines submitted to NGT	Revised timelines	Justification for extension of timelines having details of COVID or other reason and future course of action	
				Dec,20	Feb,21	Apr,21	June,21	July,21	Dec,21	Jan,22	Feb,22				
27	MCG	Near Village –Basai (N 28047'069", E 76096'211")	0.5										Achieved		
28	HSIIDC	Near CETP Manesar on HSIIDC open drain (N28o22o47.0982", E76o55'11.757")	-										Achieved		
29	GMDA	SaraswatiKunj (Wazirabad Bundh)	2										Achieved		
30	GMDA	SaraswatiKunj (Wazirabad Bundh)	4										Achieved		
31	GMDA	SaraswatiKunj (Wazirabad Bundh)	2.5										Achieved		
32	GMDA	Illegal cottage type colony operated sh. surrender 9811210275 adjacent at STP Behrampur	0.5										Achieved		
33	GMDA	From HSVP storm water drain originating from Tikri Village passing SubhashChowk&Sohna road with further meeting to Badshahpur drain in front of STPBehrampur.	0.5										Achieved		
34	MCG	Illegal cottage adjacent to Leg-III at Tikri behind Unitech commercial project with having approx 250 cottage	0.5										Achieved		
35	MCG	New under construction plotted colony with sewer laid down to HSVP storm water drain passing over to Badshahpur Drain	0.5										Achieved		
36	GMDA	Domestic effluent originating from nearby colonizers nearSubhashChowkis connected to SWD and further connected to Leg -III drain behind wine shops	0.5										Achieved		
	MCG	From HSVP storm water drain originating from sector 30, 31, Jharsa, Islampur at											Achieved		

Sr. No.	Responsible Department	Location where waste waterfalls into leg No. III	Discharge in MLD	Revised monthly plan								Timelines submitted to NGT	Revised timelines	Justification for extension of timelines having details of COVID or other reason and future course of action	
				Dec,20	Feb,21	Apr,21	June,21	July,21	Dec,21	Jan,22	Feb,22				
37		SubhashChowk to Hero HondaChowkroadnearM/s HCG, CNG pump station, marble markets, Sec-34, Gurugram	0.5												
38	MCG	From HSVP strom water drain originatingfrom Hero Honda Chowk, Rajiv ChowkafterNaharpurRupa culvert at Sector 34 merging to Badshahpur Drain	0.5										Achieved		
39	MCG	Sewage waste from group of rooms made by advocate Tanwar side by bestech orient project adjacent to NH-48	0.5										Achieved		
40	HSVP	From Badshahpur drain after mixing of both HSVP storm water drain at NH-48,near Bestech Orient Project Gurugram	0.5										Achieved		
41	MCG	Gandhi Nagar Area	0.5	10%	20%	100%							Achieved		Connection disconnected.
42	MCG	Unauthorized colonies Basai Road	0.5	10%	20%	100%							Achieved		
43	MCG	Unauthorized area near Umang Bhardwaj Chowk	0.5	10%	20%	100%							Achieved		
44	MCG	Near NH-48 of Village- Khandsa	0.5	10%	20%	30%	40%	45%	92%	93%	93%	31.03.2021	30.06.2022	Discharge will be diverted through newly proposed <b>45 MLD MPS</b> to be constructed at Village Khandsa. Only connection is pending. 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19.	
45	MCG	Near Shiv Mandir of Village- Khandsa	0.5	10%	20%	30%	40%	45%	92%	93%	93%	31.03.2021	30.06.2022		
46	MCG	Near Shiv Mandirof Village- Khandsa	0.3	10%	20%	30%	40%	45%	92%	93%	93%	31.03.2021	30.06.2022		
47	MCG	Near Carlton Overseas, Village- Khandsa	0.3	10%	20%	30%	40%	45%	92%	93%	93%	31.03.2021	30.06.2022		
48	MCG	Near SocomecPvt Ltd, Plot No. 758, Sec-37	0.5	10%	20%	30%	40%	45%	92%	93%	93%	31.03.2021	30.06.2022		
49	MCG	Near Plot No. 970 of Sector 37, CETP	0.4	10%	20%	30%	40%	45%	92%	93%	93%	31.03.2021	30.06.2022		

Sr. No.	Responsible Department	Location where waste waterfalls into leg No. III	Discharge in MLD	Revised monthly plan								Timelines submitted to NGT	Revised timelines	Justification for extension of timelines having details of COVID or other reason and future course of action
				Dec,20	Feb,21	Apr,21	June,21	July,21	Dec,21	Jan,22	Feb,22			
50	MCG	H Point of GMDA on Badshahpur Drain behind, Sector 37	0.2	10%	20%	30%	40%	45%	92%	93%	93%	31.03.2021	30.06.2022	3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now. (work for laying of sewer line for amount 84.59 Lakh has been awarded to SB&P Infratech)
51	MCG	Near Bus Stop at Village-GadauliKhurd.	0.3	80%	90%	95%	96%	96%	98%	98%	98%	30.11.2020	30.06.2022	Only connection is pending. The work in progress 96% work executed and will be completed before 31.12.2021. 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now. (Sewer line laid till Harsru village. Land dispute in high court near ST. Paul School)
52	MCG	Satguru Apartment plot No. GH 22, Sector-52, Gurugram Latitude: 28 degree 25' 2" Longitude: 77 degree 04' 56.8"	0.1									Achieved		
53	GMDA	Mayfiled Garden, Sector-51, Gurugram Latitude: 28 degree 25' 31.2" Longitude: 77 degree 04' 56.8"	0.1	100%								Achieved		Connection disconnected and diverted by 31.12.2020. 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020.
54	GMDA	Gurugram University, Sector- 51 Latitude: 28 degree 25' 22" Longitude: 77 degree 04' 01.1"	0.1	100%								Achieved		

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				Dec,20	Feb,21	Apr,21	June,21	July,21	Dec,21	Jan,22	Feb,22				
55	GMDA	Master SWD on dividing road 40/45 Latitude: 28.449137 Longitude: 77.062592 Latitude: 28.448488 Longitude: 77.062493	0.1	100%									Achieved		2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
56	GMDA	Master SWD on dividing road 48/33 Latitude: 28.4273239 Longitude: 77.0322031	0.1	100%									Achieved		
57	MCG	Near Cyber park Sector-39 sewer line from Jharsa Master SWD on dividing road 39/46 Latitude: 28.444027 Longitude: 77.057877	0.1	10%	40%	60%	100%						Achieved		The work is in progress 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020.
58	MCG	Near Gate No. 5, Sector-46 sewerline from Sector-46 Master SWD on diving road 39/46 Latitude: 28.440542 Longitude: 77.054916	0.1	10%	40%	100%							Achieved		2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
59	MCG	Near Gate No. 5, Sector-46 sewerline from Sector-39 Master SWD on diving road 39/46 Latitude: 28.440542 Longitude: 77.054916	0.1	10%	40%	60%	70%	75%	100%				Achieved		
60	MCG	Near Gate No. 1, Sector-38 sewerline from Sector-38 Master SWD on diving road 38/39 Latitude: 28.437574 Longitude: 77.045448	0.1	10%	40%	60%	70%	75%	100%				Achieved		
New points identified in Oct 2020															
61	MCG	Near Dairy farm, Gadauli culvert and 700 mtr from Gadauli culvert towards Leg-III downstream	1	10%	50%	70%	75%	77%	93%	94%	95%		Achieved		Connection detected during site visit on 8.10.2020. Connection will be disconnected by MCG till 31.03.2022 1. Allotment of work got delayed due to no progress during COVID-19

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				Dec,20	Feb,21	Apr,21	June,21	July,21	Dec,21	Jan,22	Feb,22				
															Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
62	MCG	Plot no. 724, 737,957, 959Sec 37 Pace City II	2	10%	50%	70%	80%	85%	95%	95%	95%	31.12.2020	31.3.2023	Connection detected during site visit on 8.10.2020. Connection will be disconnected by MCG/HSIIDC till 31.3.2022	
63	MCG	Khandsa Village near anjana colony	1.1	10%	50%	70%	100%					Achieved		(work for laying of sewer line for amount 84.59 Lakh has been awarded to SB&P Infratech)	
64	MCG	Near Sec dividing road 40/45 and 44/45	1	10%	50%	70%	80%	85%	100%			Achieved			
65	MCG	Near JMD garden Sohna road	1	10%	50%	70%	80%	85%	93%	95%	95%	Achieved		To be verified by GMDA officials	
New points identified up to Sept 2021															
66	MCG	Iron Bridge to Garauli Culvert (LHS)	0.25										0%	30.06.2022	Work of laying of sewer line is in progress.
67	MCG	Iron Bridge to Garauli Culvert (RHS)	0.40										0%	30.06.2022	Work of laying of sewer line is in progress.
68	MCG	From Garauli culvert to Anjana Colony, Sector 37 Part-II	1										0%	30.06.2023	Estimate for 18.5 Lakh has been prepared and under admin approval

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				Dec,20	Feb,21	Apr,21	June,21	July,21	Dec,21	Jan,22	Feb,22				
69	MCG	From Anjana Colony to H point of Leg III	0.20									0%		30.06.2023	(work for laying of sewer line for amount 84.59 Lakh has been awarded to S B&P Infratech)
70	MCG	Sewer connection through MCG surface drain near CETP ,Near Plot No. 970, SEC 37	1									0%		30.06.2023	(work for laying of sewer line for amount 84.59 Lakh has been awarded to S B&P Infratech)
71	MCG	Sewer connection near Khandsa village	0.5									0%		30.06.2022	Will be rectified after completion of 45 MLD, MPS
72	MCG	Village Khandsa Street	5									0%		30.06.2022	Will be rectified after completion of 45 MLD, MPS
73	MCG	SEC 38/39 (Medanta) road, Near sec 38 entry	0.50									0%		Achieved	Connection has been disconnected
74	MCG	Sector Dividing Road 46/47 Red light along Sector 46	0.40									0%		31.03.2023	Work allotted for sewer pipe line will be completed by 31.03.2023
75	MCG/GMDA	Ramprastha City Sector 37D	1.5									0%		30.06.2022	
76	MCG	Anjana Colony Sector 37	2									0%		30.06.2022	work for laying of sewer line for amount 84.59 Lakh has been awarded to B&P Infratech)
77	MCG	MCG Sewer of Badshahpur village at Vatika chowk	2									0%		30.06.2022	Pumping not feasible due to underpass coming in alignment.
78	MCG	Parasvath Green Vile sec 48	0.20									0%		31.03.2023	
79	MCG	Sec 39/46 road, Sec 39 side near Banyan tree	0.10									0%		31.03.2023	
80	MCG	Sec39/46 road,MCGsewr connection , near sec 39 Pocket-D,NearPeepal tree	0.20									0%		31.03.2023	

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				Dec,20	Feb,21	Apr,21	June,21	July,21	Dec,21	Jan,22	Feb,22				
81	MCG	Sec 39/46 road, opposite 764-P sec 39	0.10									0%		31.03.2023	
82	MCG	Sec 39/46 road, Opposite Rejuvka Skin clinic, sec 39 side	0.10									0%		31.03.2023	
83	MCG	Sec 39/46 road, In front of Cyber park, entry no.2 coming from Bakhtawarchowk to huda city centre	0.10									0%		31.03.2023	
84	MCG	Sec 40/45 road, In backside of sec 40 Bus stop	0.40									0%		Achieved	To be verified by GMDA officials
85	MCG	Sec 41/44 Road, in front of Indigo Building Sec 41 side	0.20									0%		Achieved	To be verified by GMDA officials
86	MCG	Sec 44/45 road, sec 45 side in front of Prince ki Rasoi	0.10									0%		Achieved	To be verified by GMDA officials
87	MCG	Sec 44/45 road, sec 45 side in front of K-Town Liquor shop	0.20									0%		Achieved	To be verified by GMDA officials
88	MCG	Sec 44/45 road, sec 45 side in front of poi saag restaurant kanhai	0.10									0%		Achieved	To be verified by GMDA officials
89	MCG	Sec 44/45 road, sec 45 side in front of Hotel Amravathi	0.10									0%		Achieved	To be verified by GMDA officials
90	MCG	Kanhai Village Entry near MCG Boosting station	0.30									0%		Achieved	To be verified by GMDA officials

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				Dec,20	Feb,21	Apr,21	June,21	July,21	Dec,21	Jan,22	Feb,22				
91	MCG	Sec 45/46 road, MCG Sewer connection in SWD along sec 45 through road connection	2									0%		Achieved	To be verified by GMDA officials
		New points identified upto Dec 2021													
92	MCG	Leg No.III after NH along Khandsa Vill Pace City (7 No. connections)	1.5											31.03.2023	Will be rectified after completion of 45 MLD, MPS
93		Sewer discharge in creek No. 1 at sec-42	2											30.06.2023	Estimate under approval 0.93 Lakh for laying of sewer line.
		<b>Total</b>	<b>105.45</b>												

Discharge diverted- 75.4 MLD

Balance discharge to be diverted/treated- 30.05 MLD

Target Date – 31.03.2023

## Najafgarh Drain before meeting Leg I drain Gurgaon (GRN-RDQ-001)

Date of sample collection	A/R No. & Date	B (Boron)	pH	BOD	COD	TSS	O & G	DO mg/l	Faecal Coliform
04.09.20 21	2275 dt. 22.09.20 21	ND	7.27	9	56	8	BDL (DL=2)	3.4	22100
10.10.20 21	973 dt. 19.10.20 21	ND	7	18	96	102	NDq	6.6	7600
11.11.20 21	1100 dt. 22.11.20 21	ND	7.2	16	88	105	ND	6.7	6700
10.12.20 21	1215M dt. 22.12.20 21	ND	7	23	116	112	Nd	6.3	6900
21.01.20 22	613 dt. 02.02.20 22	BDL	7.1	27	128	110	3	6.2	9400
26.02.20 22	1359 dt. 10.03.20 22	ND	7.1	29	136	116	ND	6	9400
30.03.20 22	1405 dt. 08.04.20 22	ND	7.4	32	152	134	ND	5.2	8500
26.04.20 22	33 dt. 07.05.20 22	ND	7.1	35	160	154	ND	5.2	8600
31.05.20 22	59 dt. 10.06.20 22	ND	7.3	29	136	122	ND	5.3	7200
01.07.20 22	117 dt. 09.07.20 22		7.4	48	176	86	5		2200
05.07.20 22	76 dt. 18.07.20 22	ND	7.1	43	140	125	ND	4.9	3300
16.07.20 22	90 dt. 25.07.20 22	ND	7	24	116	112	ND	6.4	6100
26.08.20 22	149 dt. 03.09.20 22	ND	7.6	52	192	102	4	4.8	3200

**Leg I Drain, before meeting Najafgarh Drain Gurgaon (GRN-RDQ-002)**

Date of sample collection	A/R No. & Date	B (Boron)	pH	BOD mg/l	COD mg/l	TSS mg/l	O & G mg/l	DO	Faecal Coliform
								mg/l	
30.07.2021	579 dt. 06.08.2021	ND	6.9	12	88	142	ND	5.8	42000
10.08.2021	650 dt. 17.08.2021	ND	7	14	96	155	ND	6	14000
04.09.2021	2274 dt. 22.09.2021	ND	7.12	10	88	22	BDL (DL=2)	BDL (DL=1)	17200
10.10.2021	973 dt. 19.10.2021	ND	7	16	88	155	ND	5.8	9840
11.11.2021	1100 dt. 22.11.2021	ND	6.9	20	112	142	ND	6.6	6800
10.12.2021	1215 dt. 22.12.2021	ND	7	24	120	152	ND	6.6	6400
21.01.2022	606 dt. 27.01.2022	BDL	7.6	24	120	126	4	6.3	7200
30.03.2022	4768 dt. 08.04.2022		7.26	56	184	78	7.5	BDL	2600
18.05.2022	5479 dt. 29.05.2022	ND	7.44	52	180	97	4	BDL	2600
06.07.2022	159 dt. 13.07.2022		7.7	45		108	3		2700

**Najafgarh Drain after meeting Leg I drain Gurgaon (GRN-RDQ-003)**

Date of sample collection	A/R No. & Date	B (Boron)	pH	BOD	COD	TSS	O & G	DO	Faecal Coliform
								mg/l	
30.07.2021	579 dt. 06.08.2021	ND	7	13	76	97	ND	6.2	25000

10.08.20 21	650 dt. 10.08.20 21	ND	7	14	92	105	ND	6.3	16000
04.09.20 21	2276 dt. 22.09.20 21	ND	6.96	13	68	9	BDL (DL=2)	2.8	14100
10.10.20 21	973 dt. 19.10.20 21	ND	7.1	15	72	96	ND	6.7	7200
11.11.20 21	1100 dt. 22.11.20 21	ND	7	18	76	79	ND	6.7	6400
10.12.20 21	1215M dt. 22.12.20 21	ND	7.1	20	104	97	ND	6.6	7200
21.01.20 22	614 dt. 02.02.20 22	BDL	7.2	22	104	128	4	6.3	8200
26.02.20 22	1359 dt. 10.03.20 22	ND	7	26	124	108	ND	6.4	7500
30.03.20 22	1405 dt. 08.04.20 22	ND	7	29	136	165	ND	5.5	8100
26.04.20 22	33 dt. 07.05.20 22	ND	7.3	31	148	142	ND	5.4	7400
31.05.20 22	59 dt. 10.06.20 22	ND	7	33	152	136	ND	5.1	7400
30.06.20 22	75 dt. 11.07.20 22	ND	7.4	45	148	145	3	5.5	3800
05.07.20 22	76 dt. 18.07.20 22	ND	7.3	39	132	158	ND	5.3	3100
26.08.20 22	149 dt. 03.09.20 22	ND	8	50	180	98	3	4.9	2500

**Najafgarh Drain before meeting Leg II drain Gurgaon (GRN-RDQ-004)**

<b>Date of sample collection</b>	<b>A/R No. &amp; Date</b>	<b>B (Boron)</b>	<b>pH</b>	<b>BOD</b>	<b>COD</b>	<b>TSS</b>	<b>O &amp; G</b>	<b>Ammonical Nitrogen (as N)</b>	<b>DO mg/l</b>
30.07.2021	579 dt. 06.08.2021	ND	7.1	14	92	112	ND		6.2
10.08.2021	650 dt. 17.08.2021	ND	7	15	104	119	ND		6
04.09.2021	2272 dt. 22.09.2021	ND	7.01	36	180	25	BDL (DL=2)	N.D.	3.1
10.10.2021	973 dt. 10.10.2021	ND	7.3	24	120	107	ND		6.4
11.11.2021	1100 dt. 22.11.2021	ND	7.1	22	124	131	ND		6.4
10.12.2021	1215M dt. 22.12.2021	ND	7.3	24	120	116	ND		6.3
21.01.2022	611 dt. 02.02.2022	BDL	7.1	24	104	138	2		6.4
26.02.2022	1359 dt. 10.03.2022	ND	7	29	140	164	ND		5.9
30.03.2022	1405 dt. 08.04.2022	ND	7.1	31	148	176	ND		5.1
26.04.2022	33 dt. 07.05.2022	ND	7	32	152	135	ND		5.3
31.05.2022	59 dt. 10.06.2022	ND	7.2	35	164	154	ND		4.8
30.06.2022	75 dt. 11.07.2022	ND	7.5	46	156	122	2		5
05.07.2022	76 dt. 18.07.2022	ND	7.2	45	144	164	ND		5.1
26.08.2022	149 dt. 03.09.2022	ND	7.7	45	172	135	4		4.9

29.09.20 22	173 dt. 10.10.20 22	ND	7.1	53	196	148	6		4.6
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**Leg II Drain, before meeting Najafgarh Drain Gurgaon (GRN-RDQ-005)**

Date of sample collection	A/R No. & Date	B (Boron)	pH	BOD	COD	TSS	O & G	Ammonical Nitrogen (as N)	DO mg/l
30.07.20 21	579 dt. 06.08.20 21,	ND	7	19	108	99	ND		6
10.08.20 21	650 dt. 17.08.20 21	ND	7.2	18	116	141	ND		5.8
04.09.20 21	2271 dt. 22.09.20 21	ND	7.18	18	88	36	BDL (DL=2)	N.D.	1.1
10.10.20 21	973 dt. 19.10.20 21	ND	7.4	19	104	141	ND		6.6
11.11.20 21	1100 dt. 22.11.20 21	ND	7.4	25	132	121	ND		6.3
10.12.20 21	1215 dt. 22.12.20 21	ND	6.9	22	108	136	ND		6.4
21.01.20 22	607 dt. 27.01.20 22	BDL	7.8	21	104	150	5		6.5
30.03.20 22	4769 dt. 08.04.20 22		7.14	72	260	248	14	29.12	BDL
18.05.20 22	5478 dt. 29.05.20 22	ND	7.35	50	164	166	3.5	5.04	BDL
01.07.20 22	118 dt. 11.07.20 22		7.6	68	240	176	5		
06.07.20 22	160 dt. 13.07.20 22		7.2	52	188	164	4		
26.08.20 22	549 dt. 01.09.20 22		8.1	75	264	168	3		

**Najafgarh Drain after meeting Leg II drain Gurgaon (GRN-RDQ-006)**

Date of sample collection	A/R No. & Date	B (Boron)	pH	BOD	COD	TSS	O & G	Ammonical Nitrogen (as N)	DO mg/l
30.07.20 21	579 dt. 06.08.20 21	ND	7.2	16	104	127	ND		6
10.08.20 21	650 dt. 17.08.20 21	ND	6.9	17	108	161	ND		6.1
04.09.20 21	2273 dt. 22.09.20 21	ND	6.93	9	52	6	BDL (DL=2)	N.D.	2.7
10.10.20 21	973 dt. 19.10.20 21	ND	7.2	19	108	110	ND		6.5
11.11.20 21	1100 dt. 22.11.20 21	ND	7	18	104	124	ND		6.6
10.12.20 21	1215M dt. 22.12.20 21	ND	7.1	21	108	142	ND		6.2
21.01.20 22	612 dt. 02.02.20 22	BDL	7.3	23	136	156	4		6.4
26.02.20 22	1359 dt. 10.03.20 22	ND	7.3	31	144	125	ND		6.2
30.03.20 22	1405 dt. 08.04.20 22	ND	7.2	35	172	148	ND		4.9
31.05.20 22	59 dt. 10.06.20 22	ND	7.1	31	140	168	ND		5.1
30.06.20 22	75 dt. 11.07.20 22	ND	7.2	50	172	139	3		5.6
05.07.20 22	76 dt. 18.07.20 22	ND	7.1	44	152	108	ND		4.9
26.08.20 22	149 dt. 03.09.20 22	ND	8	55	204	168	3		4.6
29.09.20 22	173 dt. 10.10.20 22		8	65	256	126	5		4.4

**Najafgarh Drain before meeting Leg III (Badshpur) drain Gurgaon (GRN-RDQ-007)**

<b>Date of sample collection</b>	<b>A/R No. &amp; Date</b>	<b>B (Boron)</b>	<b>pH</b>	<b>BOD</b>	<b>COD</b>	<b>TSS</b>	<b>O &amp; G</b>	<b>Ammonical Nitrogen (as N)</b>	<b>DO mg/l</b>
30.07.20 21	579 dt. 06.08.20 21	ND	7.4	17	92	121	ND		6.2
10.08.20 21	650 dt. 17.08.20 21	ND	7.3	15	100	105	ND		6.1
04.09.20 21	2269 dt. 22.09.20 21	ND	6.81	22	100	12	BDL (DL=2)	N.D.	4.4
10.10.20 21	973 dt. 19.10.20 21	ND	6.9	22	108	102	ND		6.5
11.11.20 21	1100 dt. 22.11.20 21	ND	7.1	19	100	149	ND		6.6
10.12.20 21	1215M dt. 22.12.20 21	ND	7.2	21	104	134	ND		6.3
21.01.20 22	609 dt. 02.02.20 22	BDL	7.2	21	112	140	3		6.6
26.02.20 22	1359 dt. 10.03.20 22	ND	7.3	25	132	149	ND		5.8
30.03.20 22	1405 dt. 08.04.20 22	ND	7	29	140	167	ND		5.5
26.04.20 22	33 dt. 07.05.20 22	ND	7	27	124	144	ND		5.8
30.06.20 22	75 dt. 11.07.20 22	ND	7.1	35	132	116	3		5.5
05.07.20 22	76 dt. 18.07.20 22	ND	7	30	124	152	2		5.5
26.08.20 22	149 dt. 03.09.20 22	ND	7.1	31	132	94	3		5
29.09.20 22	173 dt. 10.10.20 22		7	34	148	126	2		4.9

**Leg III (Badshpur) Drain before meeting Najafgarh Drain Gurgaon (GRN-RDQ-008)**

<b>Date of sample collection</b>	<b>A/R No. &amp; Date</b>	<b>B (Boron)</b>	<b>pH</b>	<b>BOD</b>	<b>COD</b>	<b>TSS</b>	<b>O &amp; G</b>	<b>Ammonical Nitrogen (as N)</b>	<b>DO mg/l</b>
30.07.20 21	579 dt. 06.08.20 21	ND	7.2	14	100	143	ND		6
10.08.20 21	650 dt. 17.08.20 21	ND	7.1	13	96	139	ND		6.2
04.09.20 21	2268 dt. 22.09.20 21	ND	7.15	27	132	53	BDL (DL=2)	N.D.	4.3
10.10.20 21	973 dt. 19.10.20 21	ND	7.1	28	136	127	ND		6.2
11.11.20 21	1100 dt. 22.11.20 21	ND	7	25	124	143	ND		6.3
10.12.20 21	1215 dt. 22.12.20 21	ND	7.1	27	132	168	ND		6.2
21.01.20 22	608 dt. 27.01.20 22,	BDL	7.5	25	120	130	3		6.2
30.03.20 22	4770 dt. 08.04.20 22		7.21	48	164	162	6.5	11.76	BDL
18.05.20 22	5477 dt. 29.05.20 22	ND	7.74	58	192	175	4.5	6.16	BDL
01.07.20 22	119 dt. 11.07.20 22		7.4	52	184	172	7		
06.07.20 22	161 dt. 14.07.20 22		7.2	47	168	170	4		
26.08.20 22	550 dt. 01.09.20 22		7.3	55	208	184	5		

**Najafgarh Drain after meeting Leg III (Badshpur) drain Gurgaon (GRN-RDQ-009)**

Date of sample collection	A/R No. & Date	B (Boron)	pH	BOD	COD	TSS	O & G	Ammonical Nitrogen (as N)	DO mg/l
30.07.20 21	579 dt. 06.08.20 21	ND	7.1	15	96	107	ND		6.3
10.08.20 21	650 dt. 17.08.20 21	ND	6.9	14	92	97	ND		6.2
04.09.20 21	2270 dt. 22.09.20 21	ND	6.78	40	220	14	BDL (DL=2)	N.D.	3.8
10.10.20 21	973 dt. 19.10.20 21	ND	7	25	124	79	ND		6.4
11.11.20 21	1100 dt. 22.11.20 21	ND	7.3	21	112	109	ND		6.5
10.12.20 21	1215M dt. 22.12.20 21	ND	7	26	128	148	ND		6.6
21.01.20 22	610 dt. 02.02.20 22	BDL	7.3	26	128	134	2		6
26.02.20 22	1359 dt. 10.03.20 22	ND	7.1	34	152	182	ND		5.6
30.03.20 22	1405 dt. 08.04.20 22	ND	7.2	34	164	125	ND		5.3
31.05.20 22	59 dt. 10.06.20 22	ND	7	34	152	146	ND		4.9
30.06.20 22	75 dt.11.07. 2022	ND	7.3	48	164	144	2		5.2
05.07.20 22	76 dt. 18.07.20 22	ND	7.1	40	140	116	2		5.2
26.08.20 22	149 dt. 03.09.20 22	ND	7.6	47	184	142	5		4.8
29.09.20 22	173 dt. 10.10.20 22	ND	7.4	55	204	102	5		4.7

**Badshahpur Drain, Near Village Gadouli, pataudi Road, Gurgaon (GRS-RDQ-001)**

<b>Date of sample collection</b>	<b>A/R No. &amp; Date</b>	<b>B (Boron)</b>	<b>pH</b>	<b>BOD mg/l</b>	<b>COD mg/l</b>	<b>TSS mg/l</b>	<b>O &amp; G mg/l</b>	<b>Ammonical Nitrogen (as N) mg/l</b>	<b>DO mg/l</b>
28.07.20 21	557 dt. 03.08.20 21	ND	7	32	128	606	ND	12.2	5
11.08.20 21	653 dt. 19.08.20 21	ND	7.1	26	120	136	ND	11.2	5.9
08.09.20 21	778 / 14.09.20 21	ND	7	24	116	145	ND	13.8	6.1
15.10.20 21	1017 dt. 25.10.20 21	ND	7.2	29	148	159	ND	14.2	5.8
17.11.20 21	1132 dt. 26.11.20 21	ND	7	29	124	146	ND	15.6	6
19.01.20 22	1313 dt. 27.01.20 22	ND	7.2	21	100	148	ND	15.2	6.3
21.02.20 22	1357 dt. 03.03.20 22	ND	7.1	27	140	126	ND	19.2	6.2
11.03.20 22	1387 dt. 25.03.20 22	ND	7.2	28	132	126	ND	29.4	6
11.04.20 22	13 dt. 22.04.20 22	ND	7.2	25	124	148	ND	27.4	6.2
13.05.20 22	54 dt. 24.05.20 22	ND	7.2	28	132	128	ND	29.1	6.3
16.07.20 22	90 dt. 25.07.20 22	ND	7	24	116	112	ND	16.4	6.4
03.08.20 22	139 dt. 12.08.20 22	ND	7.2	29	140	148	ND	14.6	5.8
21.09.20 22	171 dt. 04.10.20 22	ND	7.1	24	116	124	ND	11.2	6.1

**Badshahpur Drain, (Outside 50 MLD STP HUDA) Vill. Behrampur, Gurgaon (GRS-RDQ-00)**

<b>Date of sample collection</b>	<b>A/R No. &amp; Date</b>	<b>B (Boron)</b>	<b>pH</b>	<b>BOD mg/l</b>	<b>COD mg/l</b>	<b>TSS mg/l</b>	<b>O &amp; G mg/l</b>	<b>Ammonical Nitrogen (as N) mg/l</b>	<b>DO mg/l</b>
28.07.2021	557 dt. 03.08.2021	ND	7.1	29	112	101	ND	10.8	5.6
11.08.2021	653 dt. 19.08.2021,	ND	7	25	108	119	ND	9.8	6
08.09.2021	778 dt. 14.09.2021	ND	7.2	26	124	107	ND	15.2	5.9
15.10.2021	1017 dt. 25.10.2021	ND	7	25	120	128	ND	11.8	5.9
17.11.2021	1132 dt. 26.11.2021	ND	7.1	32	144	159	ND	12.8	5.8
19.01.2022	1313 dt. 27.01.2022	ND	7.1	31	144	132	ND	18.6	5.9
21.02.2022	1357 dt. 03.03.2022	ND	7	33	164	148	ND	16.8	5.9
11.04.2022	13 dt. 22.04.2022	ND	7	37	180	756	ND	35.1	5.6
13.05.2022	54 dt. 24.05.2022	ND	7.1	34	156	152	ND	35.8	5.4
01.06.2022	60 dt. 10.06.2022	ND	7.2	35	164	132	ND	27.4	5.1
16.07.2022	90 dt. 25.07.2022	ND	7	30	136	134	ND	18.8	6
21.09.2022	171 dt. 04.10.2022	ND	7	27	132	105	ND	14.6	6

**Badshahpur Drain, Near Socomec Company, Sector-37, Gurgaon (GRS-RDQ-003)**

Date of sample collection	A/R No. & Date	B (Boron)	pH	BOD mg/l	COD mg/l	TSS mg/l	O & G mg/l	Ammonical Nitrogen (as N) mg/l	DO mg/l
28.07.2021	557 dt. 03.08.2021	ND	7.8	35	148	151	ND	13.4	5.8
11.08.2021	653 dt. 19.08.2021	ND	7.4	32	140	168	ND	12.4	5.6
08.09.2021	778 dt. 14.09.2021	ND	7	30	136	132	ND	14.6	5.8
15.10.2021	1017 dt. 25.10.2021	ND	7.3	33	164	98	ND	12.6	5.5
17.11.2021	1132 dt. 26.11.2021	ND	7	27	136	112	ND	14.2	6
19.01.2022	1313 dt. 27.01.2022	ND	7	25	124	154	ND	16.6	6.1
21.02.2022	1357 dt. 03.03.2022	ND	7.2	29	152	167	ND	14.6	6
11.04.2022	13 dt. 22.04.2022	ND	7.1	29	148	178	ND	29.1	6.1
13.05.2022	54 dt. 24.05.2022	ND	7.3	31	148	134	ND	32.4	6.2
01.06.2022	60 dt. 10.06.2022	ND	7.1	29	136	159	ND	24.2	6
16.07.2022	90 dt. 25.07.2022	ND	7.3	27	124	108	ND	15.4	6.2

**Effluent sample of HSIIDC Pakka Nallah, Near DLF Regal Garden, Sector-90 Gurgaon (Previous Manesar Nala/ Drain before meeting Badshahpur Drain) (GRS-RDQ-004)**

Date of sample collection	A/R No. & Date	B (Boron)	pH	BOD mg/l	COD mg/l	TSS mg/l	O & G mg/l	Ammonical Nitrogen (as N) mg/l	DO mg/l
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28.07.20 21	557 dt. 03.08.20 21	ND	7	30	136	136	ND	12.6	5.2
08.09.20 21	778 dt. 14.09.20 21	ND	7.1	27	128	164	ND	12.6	6
15.10.20 21	1017 dt. 25.10.20 21	ND	7	24	116	112	ND	9.4	6.1
17.11.20 21	1132 dt. 26.11.20 21	ND	7.2	23	108	135	ND	10.2	6.1
19.01.20 22	1313 dt. 27.01.20 22	ND	7.1	28	132	116	ND	18.1	6
21.02.20 22	1357 dt. 03.03.20 22	ND	7	32	158	116	ND	19.6	6
11.04.20 22	13 dt. 22.04.20 22	ND	7.2	36	172	124	ND	36.2	5.6
13.05.20 22	54 dt. 24.05.20 22	ND	7.1	35	164	148	ND	28.8	5.3
01.06.20 22	60 dt. 10.06.20 22	ND	7	34	160	165	ND	27.6	5.2
16.07.20 22	90 dt. 25.07.20 22	ND	7.1	23	112	128	ND	13.8	6.5
03.08.20 22	139 dt. 12.08.20 22,	ND	7.2	28	132	135	ND	13.6	6
21.09.20 22	171 dt. 04.10.20 22	ND	7.1	29	136	148	ND	15.6	5.5

**Effluent sample from Badshahpur Drain Before Crossing NH 48 side by Bestech Orange Buildin  
RDQ-005)**

<b>Date of sample collectio n</b>	<b>A/R No. &amp; Date</b>	<b>B (Boron</b>	<b>pH</b>	<b>BOD mg/l</b>	<b>COD mg/l</b>	<b>TSS mg/l</b>	<b>O &amp; G mg/l</b>	<b>Ammoni cal Nitrogen (as N) mg/l</b>	<b>DO mg/l</b>
28.07.20 21	557 dt. 03.08.20 21	ND	7.2	36	164	165	ND	15.4	4.9
11.08.20 21	653 dt. 19.08.20 21	ND	7	25	100	102	ND	13.4	6.2

08.09.20 21	778 dt. 14.09.20 21		7.2	23	116	144	ND	11.2	6.2
15.10.20 21	1017 dt. 25.10.20 21	ND	7.3	27	144	105	ND	8.2	5.9
17.11.20 21	1132 dt. 26.11.20 21	ND	7	29	132	164	ND	8.6	6
19.01.20 22	1313 dt. 27.01.20 22	ND	7	24	116	132	ND	14.4	6.1
21.02.20 22	1357 dt. 03.03.20 22	ND	7.1	35	168	155	ND	21.8	6.1
11.03.20 22	1387 dt. 25.03.20 22	ND	6.9	31	148	134	ND	35.1	5.9
11.04.20 22	13 dt. 22.04.20 22	ND	7	33	156	168	ND	31.2	5.8
13.05.20 22	54 dt. 24.05.20 22,	ND	7.1	32	144	126	ND	33.1	6.1
10.06.20 22	60 dt. 10.06.20 22	ND	7.2	31	31	144	ND	24.8	5.6
16.07.20 22	90 dt. 25.07.20 22	ND	7.3	26	120	134	ND	16.2	6.2
03.08.20 22	139 dt. 12.08.20 22	ND	7.4	35	156	146	ND	19.4	5.4

**Badshahpur Drain after meeting HSIIDC Pakka Nallah, Near Railway culvert at Ramprastha City  
Gurgaon (GRS-RDQ-006)**

Date of sample collectio n	A/R No. & Date	B (Boron	pH	BOD mg/l	COD mg/l	TSS mg/l	O & G mg/l	Ammoni cal Nitrogen (as N) mg/l	DO mg/l
28.07.2021	557 dt.03.08. 2021	ND	7	32	140	111	ND	14.8	5
11.08.2021	653 dt. 19.08.20 21	ND	7.2	28	124	157	ND	11.6	5.6
08.09.2021	778 dt. 14.09.20 21	ND	7.3	21	108	132	ND	10.4	5.8

15.10.2021	1017 dt. 25.10.20 21	ND	7.5	20	96	87	ND	7.2	6.2
17.11.2021	1132 dt. 26.11.20 21	ND	7.3	21	100	102	ND	8	6.1
19.01.2022	1313 dt. 27.01.20 22	ND	7.2	19	96	104	ND	12.8	6.2
21.02.2022	1357 dt. 03.03.20 22	ND	7	28	144	114	ND	13.6	6.6
11.04.2022	13 dt. 22.04.20 22	ND	7.3	30	144	135	ND	28.4	5.9
13.05.2022	54 dt. 24.05.20 22	ND	7	27	132	154	ND	27.6	6.3
01.06.2022	60 dt. 10.06.20 22	ND	7.1	29	136	128	ND	21.1	6.2
16.07.2022	90 dt. 25.07.20 22	ND	7	22	108	148	ND	15.8	6.6
03.08.2022	139 dt. 12.08.20 22	ND	7.1	31	144	108	ND	16.8	5.6
21.09.2022	171 dt. 04.10.20 22,	ND	7.0	27	128	108	ND	13.4	6.0

## Annexure-E

## Gurugram Region North

	Collection Date	Report No. & date	BOD	COD	PH (5.5 to 9.0)	TSS	Fecal Coliform MPN/100	Total Nitrogen (mg/l) (10)	Remarks (actual/ legally)	Remarks
			mg/l (10)	mg/l (50)		mg/l (20)				
<b>(GRN-STP-001) 68 MLD, STP Dhanwapur, Gurgaon (North)</b>										
06.04.2022	23.02.2022	4254 dt.	9	56	7.77	24	30	1.32	Complying	Complying
		07.03.2022								
15.04.2022	22.03.2022	4665 dt.	4.5	36	7.35	10	60	0.21	Complying	Complying
		31.03.2022								
20.05.2022	29.04.2022	5243 dt.	4.5	28	6.09	13	70	0.69	Complying	Complying
		17.05.2022								
10.06.2022	18.05.2022	5472 dt.	8.6	48	7.74	17	90	0.78	Complying	Complying
		29.05.2022								
12.07.2022	30.06.2022	121 dt. 11.07.2022	9	44	6.9	17	80	1.2	Complying	Complying
09.08.2022	29.07.2022	429 dt. 08.08.2022	28	136	7.1	23	200	1.5	Non-complying	Non-complying
<b>(GRN-STP-002) 100 MLD STP Dhanwapur, Gurugram (North)</b>										
04.02.2022	11.01.2022	1796-1797 dt.	16	64	7.2	28	2100		Non-complying	Non-complying
		21.01.2022								
06.04.2022	23.02.2022	4252 dt.	13	64	7.45	29	80	1.03	Non-complying	Non-complying
		07.03.2022								
15.04.2022	22.03.2022	4664 dt.	17	76	7.51	22	200	0.25	Non-complying	Non-complying
		31.03.2022								
20.05.2022	29.04.2022	5244 dt.	18	72	7.47	38	400	1.94	Non-complying	Non-complying
		17.05.2022								
10.06.2022	18.05.2022	5474 dt.	135	500	7.29	432	2100	16.75	Non complying	Non complying
		29.05.2022								

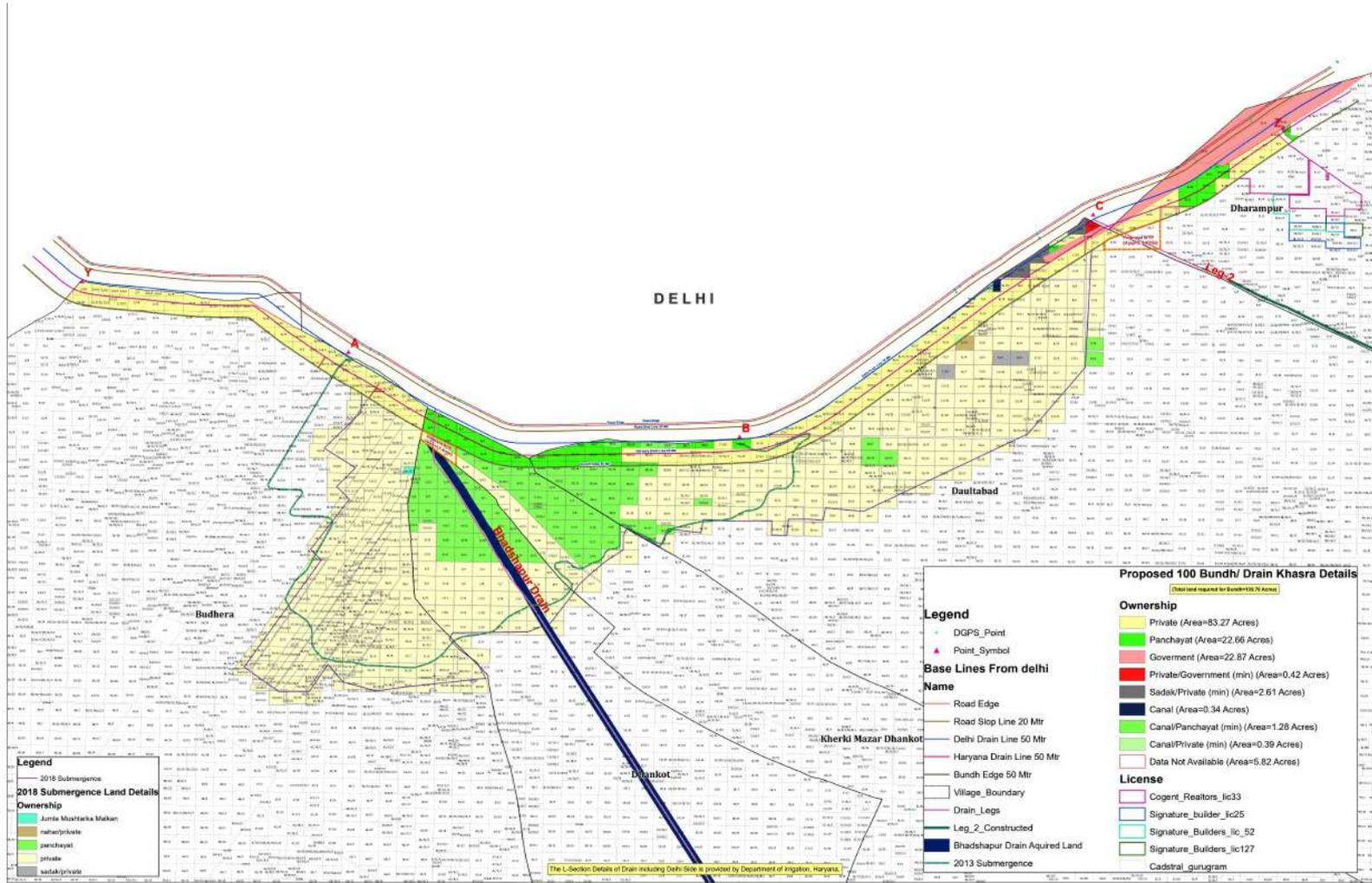
09.08.2022	29.07.2022	428 dt. 08.08.2022	25	112	7.3	33	800	3.8	Non-complying	Non-complying
<b>(GRN-STP-003) 50 MLD, STP Dhanwapur, Gurgaon (North)</b>										
06.04.2022	23.02.2022	4252 dt.	13	64	7.45	29	80	1.03	Non-complying	Non-complying
		07.03.2022								
15.04.2022	22.03.2022	4663 dt.	4.2	40	7.65	11	80	0.19	Complying	Complying
		31.03.2022								
20.05.2022	29.04.2022	5245 dt.	16	68	7.54	37	600	2.47	Non-complying	Non-complying
		17.05.2022								
10.06.2022	18.05.2022	5473 dt.	15	70	7.3	38	500	2.14	Non-complying	Non-complying
		29.05.2022								
12.07.2022	30.06.2022	120 dt. 11.07.2022	22	88	7.5	43	600	2.6	Non-complying	Non-complying
09.08.2022	29.07.2022	427 dt. 08.08.2022	6	40	7.3	14	90	1.2	Complying	Complying
<b>Gurgaon South</b>										
<b>(GRS-STP-005) 50 MLD, STP at Behrampur , Gurugram (South)</b>										
STPs Name	Collection Date	Report No. & date	BOD mg/l (10)	COD mg/l (50)	PH to 9.0)	TSS mg/l (20)	Fecal Coliform	Total Nitrogen	Remarks (actual/ legally)	Remarks
15.04.2022	04.03.2022	4427 dt.	7.2	44	7.41	17	200	1.67	Complying	Complying
		21.03.2022								
04.05.2022	04.04.2022	4853 dt.	7.2	28	7.73	11	80	1.85	Complying	Complying
		20.04.2022								
08.06.2022	12.05.2022	5437 dt.	7	44	7.32	13	80	N.D.	Complying	Complying
		26.05.2022								
14.07.2022	09.06.2022	5807 dt.	7.2	44	7.78	15	90	1.32	Complying	Complying
		23.06.2022								
22.07.2022	09.07.2022	213 dt. 19.07.2022	16	72	8.7	18	130	0	Non-complying	Non-complying
18.08.2022	09.08.2022	506 dt. 17.08.2022	8	44	7.4	19	90	3.8	Complying	Complying

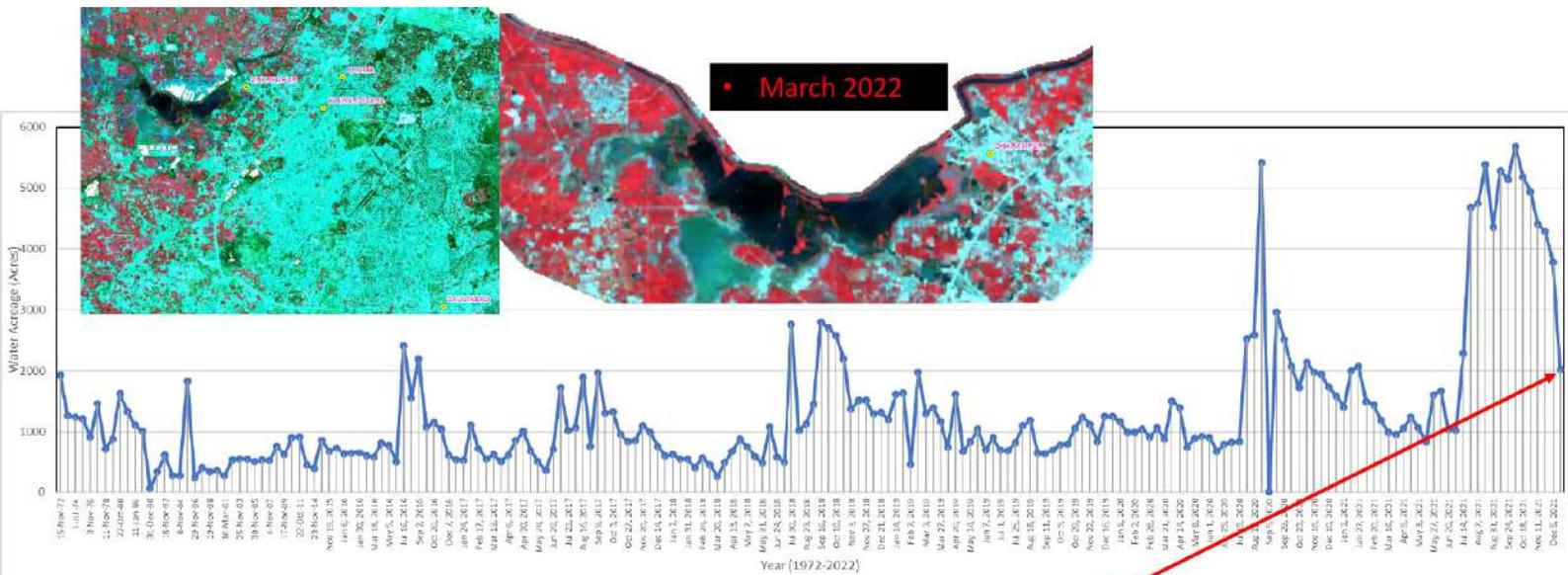
<b>(GRS-STP-006) 120 MLD, STP at Bahrapur, Gurugram (South)</b>										
15.04.2022	04.03.2022	4428 dt.	7.8	40	7.77	16	400	1.67	Complying	Complying
		21.03.2022								
04.05.2022	04.04.2022	4854 dt.	7.5	36	7.28	15	90	2.14	Complying	Complying
		20.04.2022								
08.06.2022	12.05.2022	5436 dt.	7.2	36	7.24	10	70	1.67	Complying	Complying
		26.05.2022								
14.07.2022	09.06.2022	5808 dt.	7	40	7.42	16	80	0.77	Complying	Complying
		23.06.2022								
22.07.2022	09.07.2022	214 dt. 19.07.2022	19	80	8	17	140		Non-complying	Non-complying
18.08.2022	09.08.2022	505 dt. 17.08.2022	14	68	7.8	16	120	2.4	Non-complying	Non-complying

## Annexure-F

### 55 MLD CETP at IMT Manesar Gurgaon HSIIDC

Sr. no.	Date of collection	Report No. & date	BOD	COD	PH	Total Suspended Solids (TSS)	Ammonical- Nitrogen	Phosphates (P)	Sulphides (mg/l)	Zinc	Iron
1	20.01.2022	3845 dated 31.01.2022	12	72	7.47	28	ND	0.2	1.4	ND	ND
2	18.02.2022	4213 dated 03.03.2022	11	76	7.65	29	ND	0.12	1.6	ND	0.111
3	04.03.2022	4429 dated 21.03.2022	6.6	28	7.5	15	ND	ND	0.4	0.034	0.27
4	04.04.2022	4855 dated 20.04.2022	11	76	7.45	28	ND	0.16	ND	ND	0.279
5	13.05.2022	5441 dated 27.05.2022	13	80	8.2	39	ND	1.58	-	0.016	0.19
6	11.07.2022	239 dated 20.07.2022	8	72	7.3	12	6.8	0.6	ND	0.3	0.4
7	04.08.2022	474 dated 10.08.2022	7	56	7.9	9	5.7	0	0	0.1	0.3
8	19.09.2022	650 dated 28.09.2022	8	64	7.8	13	4.9	0	0	ND	0.6
9	12.10.2022	814 dated 20.10.2022	9	64	7.5	8	4.8	0	0	ND	0.2





- Water extent for 18-Mar-22 is 2017 acres
- Min- 58 acres (Dec. 1990), and Maximum 5678 acres (Oct. 2021)