

IN THE NATIONAL GREEN TRIBUNAL

PRINCIPAL BENCH, NEW DELHI

ORIGINAL APPLICATION NO. 490 OF 2019

IN THE MATTER OF:

T.S. SINGH

... Appellant

Versus

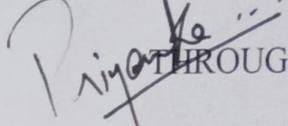
STATE OF UTTAR PRADESH & ORS.

...Respondent(s)

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PRIYANKA SWAMI

Advocate

Counsel for EO Pratapgarh

Chamber 10, Satpura Tower

Kaushambi, Ghaziabad

Date: __.09.2022

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Status Report On Behalf Of EO Nagar Palika Parishad, Bela Pratapgarh,
Uttar Pradesh.

MOST RESPECTFULLY SHOWETH: -

1. That Regular monthly monitoring of STP, MPS, Interception and Diversion works, sewer lines and other related works is being Personally Monitored by Principal secretary sir Urban Development Department Govt. of U.P. under Pratapgarh sewerage scheme. The progress of works is 52 percent as on 22.08.2022 and all work is targeted to be completed by 31.10.2022 thereby making the plant functional.
2. It is most respectfully submitted that the answering respondent is a very junior officer and has very limited powers and jurisdiction to its effect, the directions with regard to the action against the jal nigam

officials and the contractor is out of my reach and ability. Therefore, I adopt the instructions from the ATR of the Urban Development Department.

3. That it is pertinent to mention here that there is an ongoing continuous treatment going on with regard to the 7 drains under the jurisdiction of the answering respondent. The answering respondent has hired a company named M/s Green Way Technology which has its registered office at Vasundhara Sector-7 Ghaziabad, who had qualified the e-tender and got the work order for bio-remediation of all the drains. Therefore, in compliance of the directions of Hon'ble Tribunal and Supreme court with regard to treatment of domestic water disposal, the bioremediation has been very effective and with regular monitoring of the BOD & COD levels of the water before falling into the Sai river, has been improving day by day. Subsequently, on the other hand the work of making the STP operational is also being headed by Jal Nigam which has its final stage of being operational by 31.10.22. The latest report of water testing before and after bioremediation is at your disposal and annexed here with as **Annexure-1**.
4. That According to the aforementioned report, latest analysis of Sai river in Rae Bareilly and Pratapgarh districts, the water quality of Sai river according to the criteria set by the Central Pollution Control Board for the use of surface water for category-D "Propagation of wild life and fisheries" was found suitable and absolutely within the conforming standards.

5. That Necessary funds for operation and maintenance of sewerage treatment plant operated under the Uttar Pradesh Urban Development Department has been very supportive in releasing continuous funds time to time according to the demand for Pratapgarh Sewage Treatment Scheme. Project under construction under the sewerage scheme Compliance diversion work, sewer line and other related works are being regularly monitored on a monthly basis. The progress report of last 2 months is attached at **Annexure-2**. The progress of works is 52 percent on date 22.08.2022 and all the work on date 31.10. It is targeted to be completed and made functional by 2022.
6. It is pertinent to mention here, that the answering respondent, That In the attached report of tests conducted by the UP Pollution Control Board before and after bioremediation in the month of May and June, the operator pH, TSS and BOD after bioremediation are found to be in accordance with the prescribed standards. According to paragraph 4 of the report attached with UP Pollution Control Board's letter no. 313 dated 30.06.2022, after chlorination/disinfection, about 50-60 percent reduction has been found in Total and Fecal Coliform f 34.
7. That it is pertinent to mention here that the teams of Urban Development Department visit from Lucknow, on the directions of the earlier ACS,UP, and now the Principal Secretary, Urban Development on regular basis. The reports have shown improvement about 50-60 percent, which is continuous to delivery and achieve it's complete compliance.

8. It is respectfully submitted, That According to the 2011 census of Nagar Palika Parishad Pratapgarh, the population is found to be 1,20,049 and the estimated population in the year 2022 has been reported as 1,44,059. Estimates of the amount of sewage emitted relative to projected population for the years 2025, 2040 and 2055 respectively are- 17, 22 and 28 MLD have been reported. For this, STP of 13.05 MLD capacity has been prepared in the City Sanitation Action Plan under the SBM 2.0 program. In addition to this, provision of FSTP of 50 KLD capacity has been made by the U.D. for betterment of the citizens.
9. It is respectfully submitted, That presently, during the dry weather 7.1 MLD of 4 drains flowing in Sai river from the city area have been reported, which is being constructed after interception and diversion, with STP of 8.95 MLD capacity are under construction. By treating it, the Sai river can be made free from the pollution of sewage water of the city area.
10. Regular monitoring of treatment plants is being done. Continuous Online Effluent Monitoring System is also being established under the AMRUT program for centralized continuous monitoring process. Tests have been conducted by the UP Pollution Control Board before and after bioremediation in the month of May and June, After Bioremediation. The pH, TSS and BOD are found to be in conformity with the prescribed standards. According to paragraph 4 of the report attached with UP Pollution Control Board's letter number 313 dated 30.06.2022, after chlorination / disinfection, there is a reduction of about 50-60 percent in the total and fecal

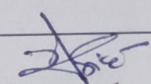
coliform, the net quality of the Sai river. Central Pollution Control Category-T has been found suitable for "Propagation of wild life and fisheries" as per the criteria set by the Jal Board for the use of surface water.

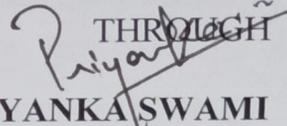
11. That For sewage management in the urban areas of the state, the work of project preparation and approval is in progress after preparation of City Water Action Plan (Drinking & Used Water both) under AMRUT 2.0 program and City Sanitation Action Plan under SBM 2.0 program for STP in Pratapgarh and Rae Bareli. The report is attached herewith as **Annexure-3**.
12. It is most Respectfully submitted by the answering respondent that in march 2019, On getting the first information regarding the sewage discharge after his appointment on dated 06.03.2019. The answering respondent had started the bioremediation of all the seven drains and has been taking care of health and sanitation of all the citizens under his jurisdiction also the environment at large.

PRAYER

It is, therefore, most respectfully prayed that this Hon'ble Tribunal may graciously be pleased to:

- i. If this Hon'ble Tribunal is satisfied with the efforts of the answering respondent and then this O.A may be disposed off with directions.
- ii. Pass any such other order as may deem fit.


Respondent


THROUGH
PRIYANKA SWAMI
Advocate

**Counsel for EO Pratapgarh
Chamber 10, Satpura Tower
Kaushambi, Ghaziabad**

Date: __.09.2022

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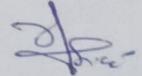
...Respondent(s)

AFFIDAVIT

I, Mudit Singh, S/o Sh. Vansh Bahadur Singh, aged about 40 years, presently posted at Nagar Palika Parishad, Bela, Pratapgarh, do hereby solemnly affirm and declare as under:

1. That I am posted as stated above and well conversant with the facts of the present case and as such competent to swear this affidavit before this Tribunal.
2. That the accompanying reply has been drafted by our counsel upon instructions based on official records.
3. That the contents of the accompanying reply are true and correct and the knowledge has been derived from official records and nothing material has been concealed there from.

DEPONENT



VERIFICATION

Verified on solemn affirmation at Bela,Pratapgarh on this 7th day of September, 2022, that the contents of the foregoing affidavit are true and correct to the best of my knowledge and no part of it is false and nothing material has been concealed there from.

DEPONENT

[Handwritten signature]

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09/09/2022
A. Adhikari (N.P. Panigrahi Beler, P.M.)
A. Adhikari (P.M.)

[Handwritten signature]
09/09/2022



Test Report Format No- UPPCB/RL/RBL/TR-2021
REGIONAL LABORATORY, U.P. POLLUTION CONTROL BOARD
 Address: C-Block, Awasthi Nagar, Awasthi Vikash Colony, Raebareilly-229001, U.P.
 Phone: 0535-2973034

TEST REPORT

S. No	Date of Sampling	Sampling Point	Before Bio Remediation						After Bio Remediation						FC (MPN/100 ml)	Percentage Reduction in BOD (%)	Percentage Reduction in FC (%)	After Bioremediation	
			pH	TSS (mg/L)	BOD (mg/L)	COD (mg/L)	TC (MPN/100 ml)	FC (MPN/100 ml)	pH	TSS (mg/L)	BOD (mg/L)	COD (mg/L)	TC (MPN/100 ml)	FC (MPN/100 ml)				Parameters Within the Standard	Parameters Beyond the Standard
1	06-06-2022	Ramlila Maidan Drain	8.28	125	63	336	94,00,000	34,00,000	8.61	93	24	112	34,00,000	21,00,000	61.90	38.24	pH, TSS, BOD	FC	
2	06-06-2022	Bhullyapur Drain	7.95	160	60	328	94,00,000	40,00,000	8.90	96	25	120	24,00,000	21,00,000	58.33	47.50	pH, TSS, BOD	FC	
3	06-06-2022	City Drain	8.33	169	89	352	1,70,00,000	70,00,000	8.28	97	29	136	94,00,000	27,00,000	67.42	61.43	pH, TSS, BOD	FC	
4	06-06-2022	Police Line Drain	8.27	151	62	328	70,00,000	47,00,000	8.43	92	27	128	27,00,000	21,00,000	56.45	55.32	pH, TSS, BOD	FC	
5	13-06-2022	Ramlila Maidan Drain	8.39	127	61	328	79,00,000	33,00,000	8.44	91	24	112	26,00,000	21,00,000	60.66	36.36	pH, TSS, BOD	FC	
6	13-06-2022	Bhullyapur Drain	8.45	159	63	336	94,00,000	40,00,000	8.40	90	26	120	27,00,000	17,00,000	58.73	57.50	pH, TSS, BOD	FC	
7	13-06-2022	City Drain	8.40	183	90	352	1,70,00,000	49,00,000	8.38	93	29	136	79,00,000	27,00,000	67.78	44.90	pH, TSS, BOD	FC	
8	13-06-2022	Police Line Drain	8.39	140	58	320	79,00,000	49,00,000	8.44	95	26	120	3,30,000	21,00,000	55.17	57.14	pH, TSS, BOD	FC	
9	20-06-2022	Ramlila Maidan Drain	8.22	120	69	344	79,00,000	32,00,000	8.25	94	28	136	27,00,000	17,00,000	59.42	46.88	pH, TSS, BOD	FC	
10	20-06-2022	Bhullyapur Drain	8.20	155	60	328	79,00,000	27,00,000	8.26	93	26	112	25,00,000	14,00,000	56.67	48.15	pH, TSS, BOD	FC	
11	20-06-2022	City Drain	8.06	171	91	352	1,60,00,000	70,00,000	8.11	98	27	128	70,00,000	27,00,000	70.33	61.43	pH, TSS, BOD	FC	
12	20-06-2022	Police Line Drain	8.23	154	61	328	70,00,000	27,00,000	8.15	96	27	128	26,00,000	11,00,000	55.74	59.26	pH, TSS, BOD	FC	
			Effluent Discharge Standards for STP (13 October 2017)												<1000	-	-	-	-

S.A. 24/6/22

R.O. 24/06/22

Annexure-1 11



Test Report Format No- UPPCB/RL/RBL/TR-2021
 REGIONAL LABORATORY, U.P. POLLUTION CONTROL BOARD
 Address: C-Block, Indira Nagar, Awasth Colony, Raebareilly-229001, U.P.
 Phone: 0535-2973034

TEST REPORT

S. No.	Date of Sampling	Sampling Point	Parameters							Remarks Designated Best-Use
			pH	Color (Hazen)	D.O. (mg/L)	BOD (mg/L)	Conductivity (mmho/cm)	TC (MPN/100 ml)		
1	06-06-2022	Sai River U/S Gai Ghat	8.17	10	6.0	4.9	0.375	7900	D	
2	06-06-2022	Sai River D/S Railway Bridge	8.53	10	5.6	5.4	0.412	9400	D	
3	13-06-2022	Sai River U/S Gai Ghat	7.98	10	6.0	4.8	0.383	7900	D	
4	13-06-2022	Sai River D/S Railway Bridge	7.90	10	5.8	5.2	0.411	9400	D	
5	20-06-2022	Sai River U/S Gai Ghat	7.85	10	5.9	5.0	0.371	7900	D	
6	20-06-2022	Sai River D/S Railway Bridge	7.92	10	5.6	5.3	0.419	9400	D	
Standard Class A			6.5-8.5	-	6 mg/l or more	2 mg/l or less	-	50 MPN/100 ml or less		
Standard Class B			6.5-8.6	-	5 mg/l or more	3 mg/l or less	-	500 MPN/100 ml or less		
Standard Class C			6.0-9.0	-	4 mg/l or more	3 mg/l or less	-	5000 MPN/100 ml or less		
Standard Class D			6.5-8.5	-	4 mg/l or more	-	-	-		
Standard Class E			6.0-8.5	-	-	-	2250	-		

Handwritten signature and date: 20/6/22

R.O.

Date - 18.07.2022

Monitoring results of the drains in Bela Pratapgarh**1. Ramleela Maidan Drain**

Name of the Regional Office of SPCB :	UPPCB		
Type of drain wastewater (Sewage/Industrial/ Mixed) :	Sewage		
Instantaneous flow rate of drain :	361,411 m ³ /hr.		
Discharge (River Ganga/Tributary) :	River Sai		
Analysis report related to parameters of Bioremediation efficacy			
Parameters for bioremediation	Before Bioremediation	After Bioremediation	% Reduction
pH	7.59	7.75	--
TSS (mg/l)	170	26.4	84.47 %
BOD (mg/l)	21.4	15.6	27.10 %
COD (mg/l)	68.8	59.3	13.80 %
Analysis report related to general parameters and trace metal			
Parameters	Before Bioremediation	After Bioremediation	
TDS (mg/l)	1432	1588	
Chloride (mg/l)	603	701	
Sulphate (mg/l)	143	131	
Phosphate (mg/l)	2.99	2.09	
Nitrate (mg/l)	<2.2	<2.2	
Ammoniacal Nitrogen(mg/l)	0.680	<0.5	
TC (MPN/100 ml)	--	4.9×10 ⁵	
FC (MPN/100 ml)	--	1.7×10 ⁵	
Cobalt (mg/l)	<0.2	<0.2	
Chromium (mg/l)	<0.2	<0.2	
Copper (mg/l)	<0.2	<0.2	
Iron (mg/l)	2.47	1.10	
Manganese (mg/l)	0.24	0.20	
Lead (mg/l)	<0.5	<0.5	
Zink (mg/l)	0.45	0.15	

Amind Kumar

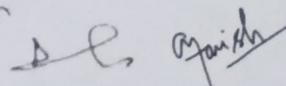
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2. Bhuliapur Drain

Name of the Regional Office of SPCB :		UPPCB Raebareli	
Type of drain wastewater (Sewage/Industrial/ Mixed) :		Sewage	
Instantaneous flow rate of drain :		32.4 m ³ /hr.	
Discharge (River Ganga/Tributary) :		River Sai	
Analysis report related to parameters of Bioremediation efficacy			
Parameters for bioremediation	Before Bioremediation	After Bioremediation	% Reduction
pH	7.42	7.60	--
TSS (mg/l)	138	78.4	43.19 %
BOD (mg/l)	20.6	14.9	27.67 %
COD (mg/l)	80.7	70.8	12.27 %
Analysis report related to general parameters and trace metal			
Parameters	Before Bioremediation	After Bioremediation	
TDS (mg/l)	1217	1350	
Chloride (mg/l)	509	647	
Sulphate (mg/l)	144	84.7	
Phosphate (mg/l)	5.03	2.55	
Nitrate (mg/l)	2.54	<2.2	
Ammoniacal Nitrogen(mg/l)	5.42	5.79	
TC (MPN/100 ml)	--	2.3×10 ⁵	
FC (MPN/100 ml)	--	1.3×10 ⁵	
Cobalt (mg/l)	<0.2	<0.2	
Chromium (mg/l)	<0.2	<0.2	
Copper (mg/l)	<0.2	<0.2	
Iron (mg/l)	1.48	1.24	
Manganese (mg/l)	0.14	0.14	
Lead (mg/l)	<0.5	<0.5	
Zink (mg/l)	0.24	0.18	

Amind Kumar



3. Police line Chakwan Drain

Name of the Regional Office of SPCB :	UPPCB Raebareli
Type of drain wastewater (Sewage/Industrial/ Mixed) :	Sewage
Instantaneous flow rate of drain :	187.44 m ³ /hr.
Discharge (River Ganga/Tributary) :	River Sai

Analysis report related to parameters of Bioremediation efficacy

Parameters for bioremediation	Before Bioremediation	After Bioremediation	% Reduction
pH	7.61	7.77	--
TSS (mg/l)	600	20	96.67 %
BOD (mg/l)	25.8	12.0	53.49 %
COD (mg/l)	124	41.9	66.21 %

Analysis report related to general parameters and trace metal

Parameters	Before Bioremediation	After Bioremediation
TDS (mg/l)	1406	1449
Chloride (mg/l)	899	662
Sulphate (mg/l)	128	119
Phosphate (mg/l)	2.96	2.29
Nitrate (mg/l)	<2.2	<2.2
Ammoniacal Nitrogen(mg/l)	1.43	1.16
TC (MPN/100 ml)	--	3.3×10 ⁵
FC (MPN/100 ml)	--	2.3×10 ⁵
Cobalt (mg/l)	<0.2	<0.2
Chromium (mg/l)	<0.2	<0.2
Copper (mg/l)	<0.2	<0.2
Iron (mg/l)	9.34	0.78
Manganese (mg/l)	0.24	0.12
Lead (mg/l)	<0.5	<0.5
Zink (mg/l)	0.24	0.16

Amin Kumar
A.K.

Anish

4. Pratapgarh City Drain

Name of the Regional Office of SPCB :	UPPCB Raebareli
Type of drain wastewater (Sewage/Industrial/ Mixed) :	Sewage
Instantaneous flow rate of drain :	348.92 m ³ /hr.
Discharge (River Ganga/Tributary) :	River Sai

Analysis report related to parameters of Bioremediation efficacy

Parameters for bioremediation	Before Bioremediation	After Bioremediation	% Reduction
pH	7.64	7.97	--
TSS (mg/l)	52.8	156	No reduction
BOD (mg/l)	21.5	23.6	No reduction
COD (mg/l)	82.7	93.4	No reduction

Analysis report related to general parameters and trace metal

Parameters	Before Bioremediation	After Bioremediation
TDS (mg/l)	1554	1417
Chloride (mg/l)	529	543
Sulphate (mg/l)	118	102
Phosphate (mg/l)	<1.5	<1.5
Nitrate (mg/l)	<2.2	<2.2
Ammoniacal Nitrogen (mg/l)	<0.5	1.24
TC (MPN/100 ml)	--	2.4×10 ⁷
FC (MPN/100 ml)	--	1.3×10 ⁷
Cobalt (mg/l)	<0.2	<0.2
Chromium (mg/l)	<0.2	<0.2
Copper (mg/l)	<0.2	<0.2
Iron (mg/l)	3.06	5.81
Manganese (mg/l)	0.10	0.14
Lead (mg/l)	<0.5	<0.5
Zink (mg/l)	0.68	1.19

Amind Kumar

S.E.

Ajayish

OFFICE OF GENERAL MANAGER, GANGA POLLUTION CONTROL UNIT, U.P. JAL NIGAM(URBAN), PRAYAGRAJ.

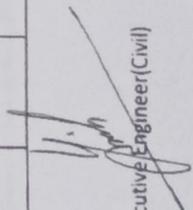
NGT CASE - O.A. No- 490/2019 T.S. Singh vs. state of UP

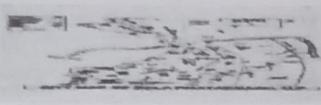
PHYSICAL & FINANCIAL PROGRESS OF I&D WORKS AND OVERHAULING STP WORK AT BELHA NAGAR PALIKA PARISHAD, DISTRICT PRATAPGARH UNDER STATE SECTOR

Rs. In Lakh

S.N.	Town	Name of scheme	Sanc. Cost (Rs. In Lac)	Funds released (Rs. In Lac)	Expenditure (Rs. In Lac)	Date of Start	Physical Status		Proposed/ expected date of Completion	Overall Progress	Remarks
							Works Prop.	Work Completed			
1	2	3	4	5	6	7	8	9	10	11	12
1		I&D Works and overhauling of existing STP work at Belha Nagar Palika Parishad, District Pratapgarh					Interception of 4 Drains	Survey and design for Intreception of drains completed. Work in progress.			
2			Connecting Sewer laying Work-908 M.	Sewer Laying work in progress- 440 M.							
3			Construction of office, Testing lab Training Center Along with other miscellaneous works	The Cleaning of STP campus Completed. Survey, Design for building completed. Progress upto plinth level achieved. Retaining wall work in progress (95%).							
4	Pratapgarh		Wetland treatment process	Survey and soil testing Completed, design in progress. Leveling & dressing work in progress.	31-10-2022 / 30.11.2022	52.50%	1- Work in progress. 2- For Construction of 1 MLD Wetland for ramilla Nala tail end discharge is yet to be availed.				
5			Repairing and overhauling of Electrical and Mechanical items of Existing 8.95 MLD and renovation of MPS	95% work completed							
6			Disc Filter, Mechanical screens sluice gate and other items	E&M Data Sheet Design & approval in progress sluice gate, transformer panels, data sheet approved & order placed. Disc filter & screen in progress.							
7			Power connection	98% work completed							

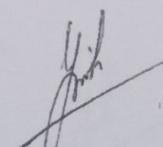
GENERAL MANAGER


Executive Engineer (Civil)

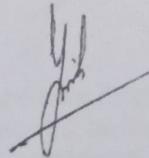
ULB Population (2011)	120049	Slum Population	7000	Slum Area(Sqkm)	-	Municipal Area in sq. km	31.00
ANNEX JB: CITY SANITATION ACTION PLAN (CSAP): FOR USED WATER MANAGEMENT							
<i>(As referred in Chapters 2 and 7)</i>							
<i>(To be filled in only for Cities below 1 Lakh Population, as referred in Chapters 2 and 6)</i>							
S.No	Description	Particulars	Detailed description			Remarks	
A GENERAL INFORMATION							
1 Location and Physical aspects							
1.a	Location	Name of the City, District, State	NAGAR PALIKA PARISHAD BELHA PRATAPGARH, PRATAPGARH, UTTAR PRADESH				
1.b	Physical Aspects	Municipal Area in sq. km and Class of Town	315sqm, Class II				
		Number of Wards	31				
		Geographical description -Hilly area, river, Environmental sensitive area etc.	River (Sai river)				
1.c	Maps	Map depicting administrative boundaries, roads and railways, water bodies, Important landmarks etc. (if not available, to be prepared)					
		Topo-Sheet (ref: Survey of India, Scale - 1:50000) (if not readily available, get it)	not available				
2 Demography and Growth pattern							
2.a	Population	Census data - Latest census data and previous	2025	2040	2055		
		Slum population	158463	201681	262185		
		• Population	2025	2040	2055		
		• Households	8500	11050	13600		
		• Density	1866	2210	2720		
		Non slum population	-	-	-		
		• Population	2025	2040	2055		
		• Households	149963	190631	248585		
		• Density	29993	38127	49717		
		Floating population - Population per day (if available from tourism department)	7924	10084	13110		
Decadal Population growth rate (in %)			23%				
3 Land Use Information and Development							
3.a	Land Use pattern	Land use classification in the city-[Area under residential, commercial, Institutional, open areas, slums (available / not available)]	Available				
		Details of Population and projected growth	23%				
3.b	Maps	Map depicting the existing land use - residential, commercial, Institutional, slums, green cover, open land etc. (available / not available)	not available				
B TECHNICAL INFORMATION: Information regarding Used water infrastructure facilities							
4 Details of existing sewage Infrastructure							
4.a		Brief description of existing sewage Infrastructure in the town:					
		(i) STPs	8.95 mld under Overhauling (State sector)				
		(ii) FSTPs	NA				
		(iii) Existing sewers	NA				
		(iv) Drains	12 drains available				
		(v) Number of cesspool(desludged) tankers (govt./private)	1 (By ULB)				
Funding Agencies & amount		0					
5 Sewage Management							
5.a	Sewage Generation	Estimated sewage generation (In MLD for 2025.	2025	2040	2055		
			17	22	28		
NETWORK COVERAGE							
• Present population covered with sewerage			0				
• Present population uncovered with sewerage network			100%				


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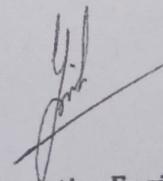
		SEPTAGE		
5.b	Collection and Conveyance	• Status of scheduled desludging (by ULB/Licensed operator)	ULB	
		Drainage		
		• Number of drains with length & material of construction etc. (width more than 75 cm) carrying sewage into the surface water body or open land	26 drains are available in ULB boundary	
		• Status of drains with or above 75 cm width (covered/uncovered)	26 drains are covered	
		• Number of outfall locations along with estimated quantity of sewage (dry weather) being discharged into surface water body or open land	surface water	
	Outfall location Mention the location of outfall points (river/ Natural drain/surface water body/ open land)	1-Police line nala 2-Chakwan tod nala 3-Bhuliya pur nala 4-Ramlida Maidan Nala		
5.c	Treatment (Septage, Used water)	Used water treatment (including cotreatment) - Are the used water treatment facility available (yes/no)	Yes	
		If 'yes'		
		Treatment technology and Capacity (MLD)	FAB (8.95 MLD) under construction through State Sector	At present there is no treatment plant functional. The overhauling work of existing 8.95 MLD STP is under progress which will be used to intercept and treat discharge of drains. At present treatment treatment of drains meeting into river Sai is going on by Bio-remediation method being done by Nagar Palika Parishad.
		• Current capacity utilization-under/over (MLD)	0	
		• Quantity of used water treated (MLD)	0	
		• Quantity of septage co-treated (KLD)	0	
		• Reuse (treated used water, sludge, biogas) Information along with respective quantity	0	
		Septage treatment Are the septage treatment facility available (yes/No)	No	
		If 'yes'		
		• Quantity of septage to be treated (KLD)	0	
• Treatment technology and Capacity (KLD)	0			
• Current utilization - under/over (KLD)	0			
• Reuse (treated used water, sludge, biogas) Information along with respective quantity	0			


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		For existing used (waste) water collection, conveyance and treatment facility				
5.d	Operation and Maintenance	• Responsible agency	By ULB			
		• Household sanitation tariff - Monthly (Rs)	0			
		• Conservancy tax as part of property tax	0			
		• O&M cost for the conveyance and treatment facility (Rs)	0			
		• Cost recovery (%)	0			
		For existing septage (faecal sludge) collection, conveyance and treatment facility				
		• Responsible agency	By ULB			
		• User charges for desludging, conveyance and disposal per household (Rs)	1500			
		• O&M cost for the treatment facility (Rs)	10000			
		• Cost recovery (%)	80%			
5.e	Service Level Benchmark - Present	Indicators	Benchmark	Before implementation of project	After implementation of project	
		Coverage of Sewerage Network	100%	0	100%	
		Collection efficiency of Sewerage Network	100%	0	100%	
		Adequacy of Sewage Treatment Capacity	100%	0	100%	
		Quality of sewage treatment	100%	0	100%	
		Extent of Reuse and Recycling of Sewage	20%	0	20%	
		Extent of cost recovery in sewage/ used water management	100%	0	100%	
		Efficiency in redressal of customer complaints	80%	60%	80%	
		Efficiency in Collection of sewage / used water Charges	90%	0	90%	
		Access to toilets	100%	0	100%	
		Scheduled desludging	100%	0	100%	
		Notified tariff for desludging		No	Yes	
		5.f	Maps	Map depicting the coverage of existing sewer network coverage and onsite system	not available	
Access to toilets	Yes					
Scheduled desludging	Yes					
Notified tariff for desludging	Yes					
C INSTITUTIONAL AND GOVERNANCE						
6 Institutional framework						
6.a	Regulatory Framework	Whether Municipal Sanitation Bye Laws notify tariff for sanitation/sewage services (details)	notified and implemented			
		State Sanitation Strategy (available / not available)	Available			
6.b	Institutional Arrangement	Roles and Responsibilities for dealing with sanitation/ sewage services.	Mudit Singh(Executive Officer)			
6.c	Governance and Reforms -	Implementation of e-governance in ULBs (available / not available)	Available			
D Capacity Enhancement						
7 Capacity Management						
7.a	Human Resource Development	Details of the personnel engaged in sanitation services along with roles and responsibilities.	Total 340 workers are engaged to sanitation services			
		Outsourcing of staff and services (available / not available)	Available			


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E		GAP ANALYSIS:				
8.a	Analyze the projected requirement of used water infrastructure/facilities in 2025,	In Year 2025 a treatment plant of 22 MLD is required out of which 8.95 MLD STP already Exist. Therefore a STP of 13.05 MLD is required additionally. Also a FSTP of 50KLD is required for newly added area in Nagar palika Parishad.				
8.b	Identify the available infrastructure in good condition	Partially good condition strengthening required.				
8.c	Analyze the gap in various areas and suitably club as part of a project/DPR					
	-Sewer network	No Sewer Network exist in ULB, and about 100% sewage generated in ULB is disposed in the open drain/areas eventually the river and required to covered who lived in Core Sanitation Zone as per SBM 2.0 Guideline. 1. Sewer network of around 140 Km is required 2. Two sewage pumping station is required.				
	-Septage conveyance	For septage conveyance 5 Desludging vehicles is required., Presently 1 cesspool tanker is available in ULB.				
	-STP cum FSTP	For 100% treat used water generation in ULB required 13.05 MLD STP and 50 KLD FSTP is required to treat used water and septage.				
	Recycle and reuse potential	Agriculture, Horticulture and Gardening and Water Body recharge				
F	On above lines identify various DPRs/ plan for projects related to					
	-I&D and STP cum FSTP	Overhauling of existing 8.95 MLD STP and I&D Work under construction in ULB. A project for additional 13.05 MLD STP cum 50 KLD FSTP (Co-Treatment) along with de-sludging vehicles is required. Also same is required in compliance to Honourable NGT order dated 29.03.2022 under OA 490/2019 T.S. Singh Vs State of UP			2475.00 Lacs required apart from 2072.00Lacs ongoing Project under State Sector.	
	-Sewer network	No Sewer Network exist in ULBs and required 100 percent sewer network to cover population in Core Sanitation Zone as per the SBM 2.0 guideline. A distribution network of around 140 KM and two no SPS is required.			15025.00 lacs (to be taken later on)	
	-Storm water drainage system	ULB Have no Storm Water Drains to cover 100 percent Population with Storm Water Drainage system. Construction of RCC drains , lining of Katcha drains and covering of major drains is required.			1000.00 lacs (to be taken later on)	
	-Recycle and reuse projects	Presently existing 8.95 MLD Treatment Plant Overhauling and I&D works is under progress in ULB . After Implementation of Project ULB will Recycle/Reuse more than 20 Percent of Used			1800.00 lacs	
	Gap In human resources for execution and O&M etc.	ULB need capacity building of their employees for the execution of projects.			0	
Funding requirement						
	Total fund required (In cr)	Central share (In cr)	State share (In cr)	ULB share (In cr)	Others (pl specify)	
	42.750	21.375	14.11	7.27		
Roadmap for achieving Mission outcomes						
Target/Y ear	2021-22	2022-23	2023-24	2024-25	2025-26	Remarks
Cities ODF++	-	-	-	Yes	Yes	
Cities Water+	-	-	-	-	Yes	


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