

BEFORE THE NATIONAL GREEN TRIBUNAL

EASTERN ZONE BENCH, KOLKATA

O.A. NO. 180 OF 2024

IN THE MATTER OF

Prayag Kumar

.....APPLICANT

VERSUS

BIHAR STATE POLLUTION CONTROL BOARD & ORS.

.... RESPONDENTS

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.... RESPONDENTS

COUNTER AFFIDAVIT ON BEHALF OF BIHAR STATE POLLUTION CONTROL BOARD/RESPONDENT NO. 3.

I, Abhimanyu Singh, aged about 32 years, Son of Mr. R K Singh, residing at Kailash Varika, Sardar Patel Colony, P.O.- Sadakat Ashram, P.S.- Digha, -Patna-800010, do hereby solemnly affirm and state as follows: -

1. That I am posted as Law Officer in Bihar State Pollution Control Board, Patna and as such I am well aware of the facts and circumstances of the present matter. I am competent and duly authorized to swear the present affidavit.



SI No. 6554 Date 20.11.24

Abhimanyu Singh
who is identified by Advocate. R.K. Singh
Oler. affirmed of J declared contents of
this affidavit apart from this nothing
stamp/cur'ees etc. u/s 30 of the
in the of N : 34th being the

A.K. LAL
Distt. Patna
Reg. No. 1883J
Expdt. 29.05.2027

2. That the instant matter has been taken up on a letter petition filed by the applicant wherein it has been alleged that all drains of city of Siwan under the Municipal Council, Siwan, are draining into Daha River.
3. That the Hon'ble Tribunal vide its order dated 23.09.2024 directed impeachment of the Principal Secretary, Department of Environment and Forest, Bihar; Nagar Parishad, Siwan; Bihar State Pollution Control Board, through its Member Secretary and the District Magistrate, Siwan and directed the respondents to file their respective counter affidavits.
4. That it is stated that the answering respondents are regularly carrying the analysis of the water of Daha river at two locations. One at Rajendra road bridge near Civil Court, Siwan and at Renua.
5. That from the analysis report of the water samples collected from Daha river near the Civil Court, Siwan, it has been found to be as per the prescribed standards laid down by the MoEF Notification G.S.R. 742 (E), dated 25.09.2000 for water quality criteria for bathing for parameters like Dissolved Oxygen; pH; Biological Oxygen Demand and beyond the prescribed standards for parameters like TC and FC. The sampling is carried out by the State Board once in every month and the above statement is being made on the basis of the analysis reports from the month of Aug'2023 to July' 2024



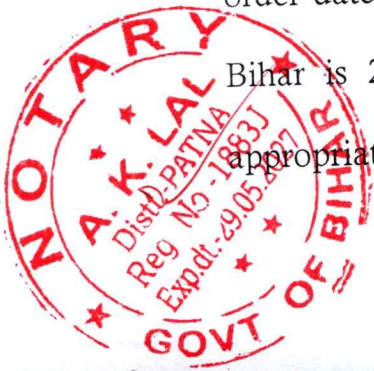
A copy of the analysis report from Aug' 2023 to July' 2024 of Daha

river at near Civil Court, Siwan, is annexed and marked as Annexure-1.

6. That similarly the analysis report of the water samples collected from Daha river at- Renua, Siwan, it has been found to be as per the prescribed standards as laid down by the MoEF Notification G.S.R. 742 (E), dated 25.09.2000 for water quality criteria for bathing for parameters like Dissolved Oxygen; pH; Biological Oxygen Demand and beyond the prescribed standards for parameters like TC and FC. The sampling is carried out by the State Board once in every month and the above statement is being made on the basis of the analysis reports from the month of July'2023 to June' 2024.

A copy of the analysis report from July' 2023 to June' 2024 of Daha river at Renua, Siwan is annexed and marked as Annexure-2.

7. That it is stated that the Hon'ble National Green Tribunal, New Delhi, in the matter of O.A. No. 606 of 2018, is monitoring the issue of solid as well as liquid waste management. In the said matter the Hon'ble Tribunal vide order dated 04.05.2023 noted that the gap in sewage treatment in State of Bihar is 2193 MLD, and directed the Chief Secretary, Bihar, to take appropriate steps for ensuring that the gap in sewage treatment is bridged



and directed that Rs. 4000 crores be kept as ring-fenced account for solid and sewage management. Further in the said matter the Chief Secretary, Bihar was directed to file a six-monthly progress report with respect to each city, town and village in terms of quality of sewage and solid waste generation treatment and the gap.

8. That it is stated that the issue of sewage management is being monitored by the Hon'ble NGT, PB, and the State of Bihar is filing its six-monthly progress report before the Hon'ble Tribunal, as such the instant case is multiplicity of proceedings and therefore may be disposed of.

9. That I have read the contents of the affidavit and have understood the same.

Successor
**I Identify the Deponent signature/Li
who has signed in my presence**

P.K. Pandey
Adv-20-11-2024

VERIFICATION

[Signature]
20/11/24
DEPONENT

Verified at Patna on 20th day of November, 2024, that the averments made in the present affidavit are true and correct to the best of my knowledge and information derived from records of the matter and Annexures are true copy of the original, no part of it is false and nothing material has been concealed therefrom.



[Signature]
20/11/24
DEPONENT



भारतीय विशिष्ट पहचान प्राधिकरण
भारत सरकार



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E-Aadhaar Letter

नामांकन क्रमांक/Enrolment No.: 2020/75026/01033

Abhimanyu Singh (अभिमन्यु सिंह)

S/O: Ranjan Kumar Singh, Kailash Vatika, Saradar Patel Colony, P n m Mall, Kurji, Phulwari, Patna, Bihar - 800010

सूचना

- आधार पहचान का प्रमाण है, नागरिकता का नहीं।
- पहचान का प्रमाण ऑनलाइन ऑथेंटिकेशन द्वारा प्राप्त करें।
- यह एक इलेक्ट्रॉनिक प्रक्रिया द्वारा बना हुआ पत्र है।

आपका आधार क्रमांक/ Your Aadhaar No.:

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INFORMATION

- Aadhaar is a proof of identity, not of citizenship.
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*For CA
Abhimanyu Singh.*

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- आधार देश भर में मान्य है।
- आधार के लिए आपको एक ही बार नामांकन दर्ज करवाने की आवश्यकता है।
- कृपया अपना नवीनतम मोबाइल नंबर तथा ई-मेल पता दर्ज कराएं। इससे आपको विभिन्न सुविधाएं प्राप्त करने में सहाय्य होगी।

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GOVERNMENT OF INDIA



अभिमन्यु सिंह
Abhimanyu Singh
जन्म तिथि/ DOB: 12/06/1992
पुरुष / MALE



6676 5880 1871



भारतीय विशिष्ट पहचान प्राधिकरण
UNIQUE IDENTIFICATION AUTHORITY OF INDIA

पता:
आत्मज: रंजन कुमार सिंह,
कैलाश वाटीका, सरदार पटेल
कॉलोनी, पी एन एम माल,
कुर्जी, फुलवारी, पटना,
बिहार - 800010

Address:
S/O: Ranjan Kumar Singh, Kailash
Vatika, Saradar Patel Colony, P n m
Mall, Kurji, Phulwari, Patna,
Bihar - 800010

6676 5880 1871

आधार-आम आदमी का अधिकार

Aadhaar-Aam Admi ka Adhikar

Date: 26/06/2017

Annexure-1



Bihar State Pollution Control Board

Parivesh Bhawan, Patliputra Industrial Area, Patliputra, Patna-800 010

6

Analysis Report of Daha River (From Aug. 2023 to July 2024)

Parameters	Standards as per MoEF Notification G.S.R. 742 (E), dated 25.09.2000 for Primary Water Quality Criteria for Bathing Water	U/S Daha River Rajendar Road bridge, near Civil Court, Siwan Dist.- Siwan					
		809	1004	1199	1565	1745	2162
Reference No	--	809	1004	1199	1565	1745	2162
Date of Sampling	--	10-08-2023	19-09-2023	12-10-2023	08-11-2023	05-12-2023	22-01-2024
Temperature (A/W)	--	30/26	30/28	31/27	31/27	22/18	15/22
Dissolved Oxygen (mg/L)	>4.0	1.7	6.5	6.9	4.3	5.3	6.3
pH	6.5-8.5	7.75	7.29	7.5	7.78	7.6	7.47
Electrical Conductivity	--	269	276	274	579	352	383
BOD (mg/L)	< 3.0	3.8	2.5	2.1	2.9	2.7	2.2
Nitrate as N (mg/L)	--	0.15	0.14	0.14	0.10	0.11	0.08
TC (MPN/100 ml)	--	35000	7900	7000	54000	54000	22000
FC (MPN/100 ml)	Desirable / Permissible 500/2500	28000	4900	3300	35000	35000	17000
Turbidity (NTU)	--	27.9	4.7	14	24.5	25.7	12.6
Alkalinity as CaCO ₃ (mg/L)	--	112	114	118	220	146	154
Chloride (mg/L)	--	25.0	8.0	15.0	16.0	16.0	19.0
COD (mg/L)	--	36	24	20	28	32	20
Ammonical Nitrogen as N (mg/L)	--	0.74	0.3712	0.34	0.30	0.53	0.51
Total Hardness as CaCO ₃ (mg/L)	--	126	122	124	238	152	166
Calcium Hardness as Ca (mg/L)	--	26.4	26.4	27.2	50.5	32.0	34.4
Magnesium Hardness as Mg (mg/L)	--	14.6	13.6	13.6	27.2	17.5	19.4
Sulphate (mg/L)	--	27.74	20.02	29.64	29.42	32.44	30.65
Total dissolved Solids (mg/L)	--	188	188	194	394	236	260
Total Fixed Solids (mg/L)	--	152	136	148	298	188	194
Total Suspended solids (mg/L)	--	24	6	12	22	24	10
Phosphate (mg/L)	--	0.25	0.08	0.07	0.09	0.35	0.11
Fluoride (mg/L)	--	0.16	0.08	0.07	0.04	0.07	0.12
Total Solids (mg/L)	--	212	194	206	416	260	270

Babnam
4-11-24

Kumar Boman

JRF

Shyama

Shyama
4-11-24

Board Analyst

Board Analyst
Bihar State Pollution Control Board
PATNA



Bihar State Pollution Control Board
Parivesh Bhawan, Patliputra Industrial Area, Patliputra, Patna-800 010

7

Analysis Report of Daha River (From Aug. 2023 to July 2024)

Parameters	Standards as per MoEF Notification G.S.R. 742 (E), dated 25.09.2000 for Primary Water Quality Criteria for Bathing Water	U/S Daha River Rajendar Road bridge, near Civil Court, Siwan Dist.- Siwan					
		2262	2431	59	437	624	749
Refernce No	--	08-02-2024	06-03-2024	05-04-2024	28-05-2024	24.06.2024	10-07-2024
Date of Sampling	--	17/15	20/17	33/28	42/34	37/30	31/27
Temperature (A/W)	--	6.1	6	6.1	6.3	6.1	6.4
Dissolved Oxygen (mg/L)	>4.0	7.41	7.48	7.79	7.65	7.42	7.58
pH	6.5-8.5	375	379	350	409	786	404
Electrical Conductivity	--	2.1	1.6	2.5	2.2	2.2	2.8
BOD (mg/L)	< 3.0	0.10	0.10	0.19	0.31	BDL	BDL
Nitrate as N (mg/L)	--	54000	54000	160000	35000	17000	54000
TC (MPN/100 ml)	--	35000	35000	92000	24000	13000	35000
FC (MPN/100 ml)	Desirable / Permissible 500/2500	14.2	14.2	21.6	28.2	12.8	31.8
Turbidity (NTU)	--	154	164	332	350	298	96
Alkalinity as CaCO3 (mg/L)	--	22.0	28.0	37	92	33	7
Chloride (mg/L)	--	20	16	24	28	32	40
COD (mg/L)	--	0.48	0.28	0.35	50.21	BDL	BDL
Ammonical Nitrogen as N (mg/L)	--	166	174	274	336	290	112
Total Hardness as CaCO3 (mg/L)	--	36.0	37.46	45.65	101.71	64.07	34.44
Calcium Hardness as Ca (mg/L)	--	18.5	19.43	34.44	19.91	31.57	6.31
Magnesium Hardness as Mg (mg/L)	--	33.67	35.79	24.44	26.1	25.0	10.78
Sulphate (mg/L)	--	256	256	236	268	446	232
Total dissolved Solids (mg/L)	--	192	190	290	222	328	198
Total Fixed Solids (mg/L)	--	12	10	16	38	26	26
Total Suspended solids (mg/L)	--	0.20	0.31	0.13	0.7	0.2	BDL
Phosphate (mg/L)	--	0.14	0.12	0.67	0.62	1.08	0.26
Fluoride (mg/L)	--	268	266	252	306	472	258
Total Solids (mg/L)	--						

JRF

Signature

shyamal
4.11.24

Board Analyst

Bihar State Pollution Control Board
PATNA



Annexure-2



Bihar State Pollution Control Board
Parivesh Bhawan, Patliputra Industrial Area, Patliputra, Patna-800 010

8

Analysis Report of Daha River (From Aug. 2023 to July 2024)

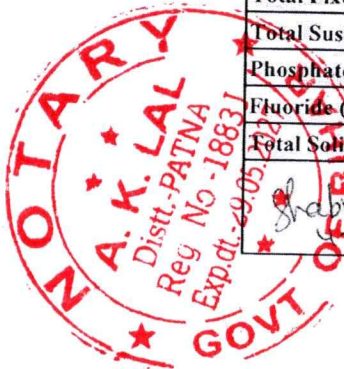
Parameters	Standards as per MoEF Notification G.S.R. 742 (E), dated 25.09.2000 for Primary Water Quality Criteria for Bathing Water	D/S Daha River at Renua, Siwan Dist.- Siwan					
		639	808	1003	1198	1566	1744
Reference No	--	06-07-2023	10-08-2023	19-09-2023	12-10-2023	08-11-2023	05-12-2023
Date of Sampling	--	27/24	29/25	30/28	31/27	31/27	22/18
Temperature (A/W)	--	5.8	1.0	6.3	6.7	4.5	5.5
Dissolved Oxygen (mg/L)	>4.0	7.36	7.7	7.17	7.09	7.83	7.48
pH	6.5-8.5	229	286	302	280	582	372
Electrical Conductivity	--	2.9	4.2	2.6	2.6	2.8	2.4
BOD (mg/L)	< 3.0	0.09	0.13	0.15	0.13	0.09	0.11
Nitrate as N (mg/L)	--	35000	28000	22000	35000	24000	35000
TC (MPN/100 ml)	--	24000	22000	17000	22000	13000	24000
FC (MPN/100 ml)	Desirable / Permissible 500/2500	9.7	32.0	4.4	15.2	21.3	24.6
Turbidity (NTU)	--	88	112	134	112	224	152
Alkalinity as CaCO ₃ (mg/L)	--	31.0	28.0	10.0	14.0	13.0	20.0
Chloride (mg/L)	--	28	40	28	24	28	28
COD (mg/L)	--	0.33	1.43	0.56	0.84	0.70	1.03
Ammonical Nitrogen as N (mg/L)	--	98	130	138	122	234	162
Total Hardness as CaCO ₃ (mg/L)	--	20.8	28.0	30.4	26.4	48.9	35.2
Calcium Hardness as Ca (mg/L)	--	11.2	14.6	15.1	13.6	27.2	18.0
Magnesium Hardness as Mg (mg/L)	--	32.21	25.84	24.27	26.17	26.51	31.99
Sulphate (mg/L)	--	152	194	212	190	404	252
Total dissolved Solids (mg/L)	--	116	164	158	156	306	198
Total Fixed Solids (mg/L)	--	8	36	4	14	20	22
Total Suspended solids (mg/L)	--	0.10	0.03	0.07	0.05	0.09	0.34
Phosphate (mg/L)	--	0.21	0.17	0.12	0.09	0.08	0.10
Fluoride (mg/L)	--	160	230	216	204	424	274
Total Solids (mg/L)	--						

JRF

4/11/24

Shyamal
4/11/24

Board Analyst
Bihar State Pollution Control Board
PATNA





Bihar State Pollution Control Board

Parivesh Bhawan, Patliputra Industrial Area, Patliputra, Patna-800 010

9

Analysis Report of Daha River (From Aug. 2023 to July 2024)

Parameters	Standards as per MoEF Notification G.S.R. 742 (E), dated 25.09.2000 for Primary Water Quality Criteria for Bathing Water	D/S Daha River at Renua, Siwan Dist.- Siwan					
		2163	2261	2430	61	436	623
Reference No	--						
Date of Sampling	--	22-01-2024	07-02-2024	06-03-2024	05.04.2024	28-05-2024	24.06.2024
Temperature (A/W)	--	15/12	23/18	19/17	33/30	41/34	37/31
Dissolved Oxygen (mg/L)	>4.0	6.0	5.2	4.2	5.9	5.9	5.9
pH	6.5-8.5	7.59	7.81	7.84	7.8	7.72	7.54
Electrical Conductivity	--	412	420	425	360	423	842
BOD (mg/L)	< 3.0	2.6	2.5	1.9	2.7	2.3	1.8
Nitrate as N (mg/L)	--	0.08	0.08	0.09	0.43	BDL	BDL
TC (MPN/100 ml)	--	54000	92000	92000	160000	54000	22000
FC (MPN/100 ml)	Desirable / Permissible 500/2500	35000	54000	54000	92000	35000	17000
Turbidity (NTU)	--	17.2	18.2	18.2	29.8	32.3	25.5
Alkalinity as CaCO ₃ (mg/L)	--	162	168	172	456	420	402
Chloride (mg/L)	--	28.0	27.0	33.0	82	140	84
COD (mg/L)	--	24	24	20	28	28	28
Ammonical Nitrogen as N (mg/L)	--	1.13	1.13	1.24	0.70	38.60	3.70
Total Hardness as CaCO ₃ (mg/L)	--	172	180	188	242	394	334
Calcium Hardness as Ca (mg/L)	--	36.8	37.6	39.2	47.25	136.15	100.11
Magnesium Hardness as Mg (mg/L)	--	19.4	20.9	21.86	30.11	13.11	20.40
Sulphate (mg/L)	--	32.88	35.79	36.69	41.13	35.0	39.1
Total dissolved Solids (mg/L)	--	280	284	290	220	294	488
Total Fixed Solids (mg/L)	--	214	216	218	180	234	372
Total Suspended solids (mg/L)	--	16	16	14	20	24	36
Phosphate (mg/L)	--	0.11	0.20	0.35	0.66	0.6	0.8
Fluoride (mg/L)	--	0.17	0.16	0.16	0.78	0.85	1.09
Total Solids (mg/L)	--	296	300	304	240	318	524
Shabram 4-11-24		JRF		Shyamal 4-11-24		Board Analyst 05/11/2024	



Board Analyst
Bihar State Pollution Control Board
PATNA