

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, DELHI
ORIGINAL APPLICATION NO. 116 OF 2025

IN THE MATTER OF:

“RESIDENT WELFARE ASSOCIATION A-1 BLOCK JANAKPURI VS
 DELHI JAL BOARD & ORS.”

INDEX

S No.	Particulars.	PageNos.
1.	REPORT BY CPCB IN COMPLIANCE TO HON'BLE NGT ORDER DATED 08.08.2025 IN THE MATTER OF OA NO. 116/2025 TITLED; “RESIDENT WELFARE ASSOCIATION A-1 BLOCK JANAKPURI VS DELHI JAL BOARD & ORS.” ALONG WITH TABLE NO.1	
2.	<u>Annexure 1-</u> COPY OF THE REPORT(S) DATED 10.09.2025 AND 12.09.2025	



Saurabh Balwani
 Advocate
 Central Pollution Control Board

New Delhi

Dated 14.09.2025

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, DELHI
ORIGINAL APPLICATION NO. 116 OF 2025

IN THE MATTER OF:

“RESIDENT WELFARE ASSOCIATION A-1 BLOCK JANAKPURI
VS DELHI JAL BOARD & ORS.”

**REPORT BY CPCB IN COMPLIANCE TO HON'BLE NGT ORDER DATED
08.08.2025 IN THE MATTER OF OA NO. 116/2025 TITLED; “RESIDENT
WELFARE ASSOCIATION A-1 BLOCK JANAKPURI VS DELHI JAL
BOARD & ORS.”**

1.0 BACKGROUND

Hon'ble National Green Tribunal vide order dated **08.04.2025** and **14.05.2025** in Original Application No. 116 of 2025 directed CPCB to collect tap water samples from the individual houses of the affected areas in A-1 Block Janakpuri marked by the applicant in page no.52 of the original application. CPCB submitted the report dated **29.05.2025** enclosing the analytical results of the samples of tap water collected on 29.04.2025 and 15.05.2025 which showed presence of Total Coliform and *E.Coli* in 06 samples.

Hon'ble NGT vide its order dated **30.05.2025** further directed CPCB to collect fresh samples from the area on 30.06.2025 where they have failed (i.e. of the 06 houses where Total Coliform and *E. Coli* have been detected in the analytical results of the previously collected samples on 29.04.2025 and 15.05.2025). CPCB submitted the report dated **15.07.2025** enclosing the analytical results of the samples of tap water collected on 30.06.2025 which showed the presence of Total Coliform and *E.Coli* in 05 samples. Sample from 6th house could not be collected as owner did not open door for sample collection till time of water supply.

Hon'ble NGT vide its order dated **16.07.2025** further directed CPCB to collect fresh samples from the taps of the households of the area and submit the sample analysis report. CPCB submitted the report dated **28.07.2025** enclosing the analytical results of the 12 samples of tap water collected on 20.07.2025 which showed:

- Total Coliform and *E.Coli* were detected in 01 sample.

- Total Coliform was detected in 02 sample and *E.Coli* was detected close to lowest detection limit detected in 01 of these 02 samples.
- Total Coliform was detected close to lowest detection limit in 03 samples but *E.Coli* was not detected.
- Total Coliform and *E.Coli* were not detected in the remaining 06 samples.

Hon'ble NGT vide its order dated **08.08.2025** directed CPCB to collect fresh samples from the taps of 12 houses where samples have been collected by CPCB on 20.07.2025 and 08 houses on random basis and submit the sample analysis report.

2.0 COMPLIANCE TO THE HON'BLE NGT ORDER DATED 08.04.2025

2.1 Sample Collection

In compliance of the order dated **08.08.2025**, CPCB collected samples of water supplied by DJB from **07** houses on **03.09.2025** and **10** houses on **08.09.2025**, which included **08** houses where samples were collected by CPCB on 20.07.2025. Samples from other **04** houses where samples were collected by CPCB on 20.07.2025 could not be collected this time as owners didn't open the door. The 17 collected samples include 07 samples from randomly selected houses as directed by Hon'ble NGT.

In the 17 collected samples, the samples of water supply from 02 houses (A-1/65 Ground Floor and A-1/63 Ground Floor) have been collected twice i.e 03.09.2025 and 08.09.2025 as water supply got exhausted during the sampling of determining free residual chlorine on 03.09.2025.

Further, CPCB attempted to collect more samples from 05 other houses (A-1/132 2nd floor, A-1/ 137 A ground floor, A-1/131 3rd floor, A-1/130 ground floor and A-1/133 3rd floor) on 08.09.2025 but water supply was not available in these houses during the monitoring.

2.2 Analytical Results

The collected samples have been analysed for bacteriological parameters [Total Coliform (TC), Fecal Coliform (FC) and *E. Coli*] and free residual chlorine.

The analytical results of the bacteriological parameters for the 17 samples of tap water supplied by DJB from the houses in A-1 Block Janakpuri which were collected by CPCB on 03.09.2025 and 08.09.2025 are presented in **Table 1**. The samples from 02

houses (A-1/65 Ground floor and A-1/63 Ground Floor) were collected twice i.e on 03.09.2025 and 08.09.2025.

Out of 17 samples:

- in **08** samples Total coliform and *E.Coli* have not been detected (these include 02 sample from randomly selected house),
- in **02** samples Total coliform have been detected but total coliform values are close to lowest detect limit, and *E.Coli* have not been detected (these include 01 sample from randomly selected house),
- in **07** samples both Total coliform and *E.Coli* have been detected above detection limits (these include 04 samples from randomly selected houses).

The Drinking Water standards of Bureau of Indian Standards-IS 10500:2012 prescribes that Total coliform and *E.Coli* shall not be detected in 100 ml of drinking water samples.



Nazimuddin
Scientist 'F'
Central Pollution Control Board
14.09.2025

Table No.1 Analytical Results of the bacteriological parameters & free residual chlorine

S. No.	Field Code	Details of the sampling locations at Janakpuri, Delhi	Time of Sampling	Bacteriological Parameters			Free Residual Chlorine (in mg/L)
				Total Coliform (MPN/100 mL)	Fecal Coliform (MPN/100 mL)	E. Coli (MPN/100 mL)	
Drinking Water Standards as per IS 10500: 2012				Shall not be detectable in any 100 ml sample	-	Shall not be detectable in any 100 ml sample	0.2 mg/L (Minimum)
Samples collected on 03.09.2025							
1.	J-1	A-1/65, Ground Floor	05:39 PM	BDL	BDL	BDL	*
2.	J-2	A-1/63, Ground Floor	05:44 PM	BDL	BDL	BDL	*
3.	J-3	A-1/57, 2 nd floor	05:46 PM	BDL	BDL	BDL	0.22
4.	J-4	A-1/55, 2 nd floor	05:54 PM	240	240	240	0.24
5.	J-5	<u>A-1/55, 1st floor</u>	06:01 PM	BDL	BDL	BDL	0.41
4.	JH-1	A-1/141, 2 nd floor	05:52 PM	350	350	13	BDL
7.	JH-2	A-1/129, Ground floor	06:00 PM	1.7×10³	700	700	BDL
Samples collected on 08.09.2025							
8.	JK-1	A-1/65, Ground Floor	05:12 AM	BDL	BDL	BDL	0.84
9.	JK-2	<u>A-1/73, Ground Floor</u>	05:27 AM	2.0	2.0	BDL	BDL
10.	JK-3	A-1/63, Ground Floor	05:36 AM	BDL	BDL	BDL	0.96
11.	JK-4	Behind A-1/60	05:47 AM	4.0	4.0	BDL	0.90
12.	JK-5	<u>A-1/53, Ground Floor</u>	06:00 AM	BDL	BDL	BDL	0.53
13.	JK-6	A-1/46, Ground Floor	06:10 AM	BDL	BDL	BDL	0.56
14.	JK-7	<u>A-1/59, Ground Floor</u>	06:43 AM	5.4×10⁶	7×10 ⁵	1.7×10⁵	BDL
15.	JK-8	<u>A-1/66, Ground Floor</u>	07:00 AM	46	33	33	BDL
16.	JK-9	<u>A-1/38, 1st Floor</u>	07:12 AM	33	13	13	BDL
17.	JK-10	<u>A-1/146, Ground Floor</u>	07:22 AM	1.6×10⁷	9.2×10 ⁶	3.5×10⁶	BDL
* Water supply got exhausted during sampling procedure of determining free residual chlorine.							
BDL stands for Below Detection Limit.							
Detection Limit: TC/FC/E. Coli <1.8 MPN/100 mL							
Detection Limit: Free Residual Chlorine: 0.014 mg/l for the Iodometric Method I (4500-C1 B) as per APHA using 02 digit digital burette which was followed in field.							



केंद्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
HEAD OFFICE - DELHI
Parivesh Bhavan, East Arjun Nagar, Delhi - 110032

ANNEXURE-1

जैव-विज्ञान प्रयोगशाला BIO-SCIENCE LABORATORY
Microbiological Analysis Report

- रिपोर्ट संख्या और जारी करने की तारीख
Report No. & Date of Issue : BIO/2526/MB/00174,10/09/2025
- रिपोर्ट भेज दी गई है
(मांगकर्ता का नाम, मोबाइल नंबर और पता)
Report Sent To : DH of WQM-I
(Name, Mobile no. & Address of Indentor)
- नमूने पंजीकरण संख्या और दिनांक
Samples Registration No. & Date : BIO/MB/2526/SR00187,04/09/2025
- विश्लेषण अनुरोध प्रभाग/संगठन
Analysis Request Division/Organization : WQM-I
- एकत्रित किया गया नमूना
Sample Collected by : Alpana Narula, Ms. Hima Jwala, Ritik Bhagat, Abhishek Maurya, Gautam Sondhi, Indermohan, Praveen Kumar Gupta, Hansraj
- नमूनाकरण योजना प्राथमिकता
Sampling Plan Reference :
- नमूना प्राप्ति की तिथि एवं समय
Date & Time of Sample Receipt : 04/09/2025 11:17 AM
- नमूना विश्लेषण अवधि
Sample Analysis Period : 04/09/2025 08/09/2025
- नमूना विवरण
Sample Details : Drinking Water
- परियोजना का नाम
Name of the Project : NGT monitoring in the matter of OA No. 116/2025
- रिपोर्ट स्थिति
Report Status : Final

SR. NO	Field Code	Sample Matrix	Date & Time of Sample Collection	Parameters	Result value	Unit
1	J-1	Fresh Water	03-09-2025 05:39 PM	E.coli	<1.8	MPN/100mL
2	J-1	Fresh Water	03-09-2025 05:39 PM	Faecal Coliform	<1.8	MPN/100mL
3	J-1	Fresh Water	03-09-2025 05:39 PM	Total Coliform	<1.8	MPN/100mL
4	J-2	Fresh Water	03-09-2025 05:44 PM	E.coli	<1.8	MPN/100mL
5	J-2	Fresh Water	03-09-2025 05:44 PM	Faecal Coliform	<1.8	MPN/100mL
6	J-2	Fresh Water	03-09-2025 05:44 PM	Total Coliform	<1.8	MPN/100mL
7	J-3	Fresh Water	03-09-2025 05:46 PM	E.coli	<1.8	MPN/100mL
8	J-3	Fresh Water	03-09-2025 05:46 PM	Faecal Coliform	<1.8	MPN/100mL
9	J-3	Fresh Water	03-09-2025 05:46 PM	Total Coliform	<1.8	MPN/100mL
10	J-4	Fresh Water	03-09-2025 05:54PM	E.coli	240	MPN/100mL
11	J-4	Fresh Water	03-09-2025 05:54PM	Faecal Coliform	240	MPN/100mL
12	J-4	Fresh Water	03-09-2025 05:54PM	Total Coliform	240	MPN/100mL
13	J-5	Fresh Water	03-09-2025 06:01PM	E.coli	<1.8	MPN/100mL
14	J-5	Fresh Water	03-09-2025 06:01PM	Faecal Coliform	<1.8	MPN/100mL
15	J-5	Fresh Water	03-09-2025 06:01PM	Total Coliform	<1.8	MPN/100mL
16	JH-1	Fresh Water	03-09-2025 05:52 PM	E.coli	13	MPN/100mL
17	JH-1	Fresh Water	03-09-2025 05:52 PM	Faecal Coliform	350	MPN/100mL
18	JH-1	Fresh Water	03-09-2025 05:52 PM	Total Coliform	350	MPN/100mL
19	JH-2	Fresh Water	03-09-2025 06:00 PM	E.coli	700	MPN/100mL
20	JH-2	Fresh Water	03-09-2025 06:00 PM	Faecal Coliform	700	MPN/100mL
21	JH-2	Fresh Water	03-09-2025 06:00 PM	Total Coliform	17*10 ²	MPN/100mL

Remarks (if any) :

Analyst

Dr. Jaya Sharma

Supervisor, Reviewer & Authorized signatory

V. Himajwala

DH Bioscience Laboratory

Sanjay Kumar



केंद्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
HEAD OFFICE - DELHI
Parivesh Bhavan, East Arjun Nagar, Delhi - 110032

342

जैव-विज्ञान प्रयोगशाला BIO-SCIENCE LABORATORY
Microbiological Analysis Report

Statement :

- परिणाम केवल परीक्षण किए गए नमूनों से संबंधित हैं।
The results relate only to the samples tested
- पूरी रिपोर्ट को छोड़कर दोबारा प्रस्तुत नहीं किया जाएगा। सीपीसीबी के सक्षम प्राधिकारी की लिखित मंजूरी के बिना।
The report shall not be reproduced except in full, without the written approval of the Competent authority of CPCB.
- इस परीक्षण रिपोर्ट के जारी होने की तारीख से एक सप्ताह तक नमूना रखा जाएगा।
The sample will be retained for one week from the date of issue of this test report.
- डिटैक्शन लिमिट से नीचे (बीडीएल) <1.8 एमपीएन/100 एमएल इंगित करता है।
Below Detection Limit (BDL) indicates <1.8 MPN/100 mL

Parameter Name	Test Method	Unit	Limit of Detection	Uncertainty of Measurement
E.coli	APHA, 24th Ed., 9221-G	MPN/100mL	<1.8- >1600	10-70 MPN/100mL @ 31MPN/100mL
Faecal Coliform	APHA, 24th Ed., 9221-E	MPN/100mL	<1.8->1600	68-700 MPN/100mL @ 230MPN/100mL
Total Coliform	APHA, 24th Ed., 9221-A,B,C	MPN/100mL	<1.8- >1600	140-1000 MPN/100mL @ 380MPN/100mL

* END OF REPORT आख्या समाप्ति *

Analyst

Dr. Jaya Sharma

Supervisor, Reviewer & Authorized signatory

V. Himajwala

DH Bioscience Laboratory

Sanjay Kumar

Printed on: 14 Sep 2025

Page No. : 2/2

यह एक कंप्यूटर जनित रिपोर्ट है। किसी हस्ताक्षर की आवश्यकता नहीं है। This is a computer-generated Report. No signature is required.

1. रिपोर्ट संख्या और जारी करने की तारीख
Report No. & Date of Issue : BIO/2526/MB/00176,12/09/2025
2. रिपोर्ट भेज दी गई है
(मांगकर्ता का नाम, मोबाइल नंबर और पता)
Report Sent To : DH of WQM-I
(Name, Mobile no. & Address of Indentor)
3. नमूने पंजीकरण संख्या और दिनांक
Samples Registration No. & Date : BIO/MB/2526/SR00188,08/09/2025
4. विश्लेषण अनुरोध प्रभाग/संगठन
Analysis Request Division/Organization : WQM-I
5. एकत्रित किया गया नमूना
Sample Collected by : Alpana Narula, Gautam Sondhi, Ritik Bhagat, Pravin Kumar Gupta,
Shekhar Chand, Ravi Kumar, Hansraj
6. नमूनाकरण योजना प्राथमिकता
Sampling Plan Reference :
7. नमूना प्राप्ति की तिथि एवं समय
Date & Time of Sample Receipt : 08/09/2025 12:49 PM
8. नमूना विश्लेषण अवधि
Sample Analysis Period : 08/09/2025 12/09/2025
9. नमूना विवरण
Sample Details : Drinking Water
10. परियोजना का नाम
Name of the Project : NGT monitoring in the matter of OA No. 116/2025
11. रिपोर्ट स्थिति
Report Status : Final

SR. NO	Field Code	Sample Matrix	Date & Time of Sample Collection	Parameters	Result value	Unit
1	JK-1	Fresh Water	08-09-2025 05:12 AM	E.coli	< 1.8	MPN/100mL
2	JK-1	Fresh Water	08-09-2025 05:12 AM	Faecal Coliform	< 1.8	MPN/100mL
3	JK-1	Fresh Water	08-09-2025 05:12 AM	Total Coliform	< 1.8	MPN/100mL
4	JK-2	Fresh Water	08-09-2025 05:27 AM	E.coli	< 1.8	MPN/100mL
5	JK-2	Fresh Water	08-09-2025 05:27 AM	Faecal Coliform	2	MPN/100mL
6	JK-2	Fresh Water	08-09-2025 05:27 AM	Total Coliform	2	MPN/100mL
7	JK-3	Fresh Water	08-09-2025 05:36 AM	E.coli	< 1.8	MPN/100mL
8	JK-3	Fresh Water	08-09-2025 05:36 AM	Faecal Coliform	< 1.8	MPN/100mL
9	JK-3	Fresh Water	08-09-2025 05:36 AM	Total Coliform	< 1.8	MPN/100mL
10	JK-4	Fresh Water	08-09-2025 05:47 AM	E.coli	< 1.8	MPN/100mL
11	JK-4	Fresh Water	08-09-2025 05:47 AM	Faecal Coliform	4	MPN/100mL
12	JK-4	Fresh Water	08-09-2025 05:47 AM	Total Coliform	4	MPN/100mL
13	JK-5	Fresh Water	08-09-2025 06:00 AM	E.coli	< 1.8	MPN/100mL
14	JK-5	Fresh Water	08-09-2025 06:00 AM	Faecal Coliform	< 1.8	MPN/100mL
15	JK-5	Fresh Water	08-09-2025 06:00 AM	Total Coliform	< 1.8	MPN/100mL
16	JK-6	Fresh Water	08-09-2025 06:10 AM	E.coli	< 1.8	MPN/100mL
17	JK-6	Fresh Water	08-09-2025 06:10 AM	Faecal Coliform	< 1.8	MPN/100mL
18	JK-6	Fresh Water	08-09-2025 06:10 AM	Total Coliform	< 1.8	MPN/100mL
19	JK-7	Fresh Water	08-09-2025 06:43 AM	E.coli	17*10 ⁴	MPN/100mL
20	JK-7	Fresh Water	08-09-2025 06:43 AM	Faecal Coliform	7*10 ⁵	MPN/100mL
21	JK-7	Fresh Water	08-09-2025 06:43 AM	Total Coliform	54*10 ⁵	MPN/100mL
22	JK-8	Fresh Water	08-09-2025 07:00 AM	E.coli	33	MPN/100mL

Analyst

Dr. Jyoti Singh

Supervisor, Reviewer & Authorized signatory

V. Himajwala

DH Bioscience Laboratory

Sanjay Kumar



केंद्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
HEAD OFFICE - DELHI
Parivesh Bhavan, East Arjun Nagar, Delhi - 110032

344

जैव-विज्ञान प्रयोगशाला BIO-SCIENCE LABORATORY
Microbiological Analysis Report

Sl. No.	Sample ID	Sample Type	Sampling Date & Time	Parameter	Result	Unit
23	JK-8	Fresh Water	08-09-2025 07:00 AM	Faecal Coliform	33	MPN/100mL
24	JK-8	Fresh Water	08-09-2025 07:00 AM	Total Coliform	46	MPN/100mL
25	JK-9	Fresh Water	08-09-2025 07:12 AM	E.coli	13	MPN/100mL
26	JK-9	Fresh Water	08-09-2025 07:12 AM	Faecal Coliform	13	MPN/100mL
27	JK-9	Fresh Water	08-09-2025 07:12 AM	Total Coliform	33	MPN/100mL
28	JK-10	Fresh Water	08-09-2025 07:22 AM	E.coli	35*10 ⁵	MPN/100mL
29	JK-10	Fresh Water	08-09-2025 07:22 AM	Faecal Coliform	92*10 ⁵	MPN/100mL
30	JK-10	Fresh Water	08-09-2025 07:22 AM	Total Coliform	16*10 ⁶	MPN/100mL

Remarks (if any) :

Statement :

- परिणाम केवल परीक्षण किए गए नमूनों से संबंधित हैं।
The results relate only to the samples tested
- पूरी रिपोर्ट को छोड़कर दोबारा प्रस्तुत नहीं किया जाएगा। सीपीसीबी के सक्षम प्राधिकारी की लिखित मंजूरी के बिना।
The report shall not be reproduced except in full, without the written approval of the Competent authority of CPCB.
- इस परीक्षण रिपोर्ट के जारी होने की तारीख से एक सप्ताह तक नमूना रखा जाएगा।
The sample will be retained for one week from the date of issue of this test report.
- डिटैक्शन लिमिट से नीचे (बीडीएल) <1.8 एमपीएन/100 एमएल इंगित करता है।
Below Detection Limit (BDL) indicates <1.8 MPN/100 mL

Parameter Name	Test Method	Unit	Limit of Detection	Uncertainty of Measurement
E.coli	APHA, 24th Ed., 9221-G	MPN/100mL	<1.8- >1600	10-70 MPN/100mL @ 31MPN/100mL
Faecal Coliform	APHA, 24th Ed., 9221-E	MPN/100mL	<1.8->1600	68-700 MPN/100mL @ 230MPN/100mL
Total Coliform	APHA, 24th Ed.,9221-A,B,C	MPN/100mL	<1.8- >1600	140-1000 MPN/100mL @ 380MPN/100mL

* END OF REPORT आख्या समाप्ति *

Analyst

Dr. Jyoti Singh

Supervisor, Reviewer & Authorized signatory

V. Himajwala

DH Bioscience Laboratory

Sanjay Kumar