

**GOVERNMENT OF WEST BENGAL
DIRECTORATE OF PUBLIC HEALTH ENGINEERING
OFFICE OF THE EXECUTIVE ENGINEER,
NEW TOWN KOLKATA WATER SUPPLY DIVISION-I
ADMINISTRATIVE BUILDING, WATER TREATMENT PLANT SITE,
NEAR TANK NO-I
NEW TOWN, RAJARHAT, KOLKATA – 700 163**

**WATER QUALITY ANALYSIS REPORT AT DIFFERENT LOCATIONS OF
NEW TOWN KOLKATA PROJECT, DURING MONTH
FEBRUARY' 2026**

ACTION AREA – I
(FEBRUARY' 2026)

GOVERNMENT OF WEST BENGAL
DIRECTORATE OF PUBLIC HEALTH ENGINEERING
OFFICE OF THE EXECUTIVE ENGINEER, NEW TOWN KOLKATA WATER SUPPLY DIVISION-I
ADMINISTRATIVE BUILDING, WATER TREATMENT PLANT SITE, NEAR TANK NO-I
NEW TOWN, RAJARHAT, KOLKATA – 700 163

TEST REPORT: ACTION AREA -I, O.H.R - II
Sub. : Water Testing (Physico-chemical & Chemical)

Date of Testing: 02.02.2026

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)						
				O.H.R - II						
				INLET OF O.H.R.	OUTLET OF O.H.R.	AE-53	AE-85	AE-97	AB-72	AE-80
A. Physico-chemical Test Results:										
1	pH Value.	6.5-8.5	6.5-8.5	7.87	7.88	7.89	7.91	7.94	7.97	7.96
2	Temperature (degree C)	----	----	23.8	23.7	23.7	23.7	23.7	23.6	23.6
3	Total Dissolved Solid (mg/L)	500.00	2000.00	192.1	191.5	189.8	190.1	189.5	187.5	191.4
4	Turbidity (NTU)	1.00	5.00	0.91	0.86	0.80	0.94	0.98	0.93	0.90
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.2	0.4	0.2	0.3	0.2	0.1	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:										
7	Total Hardness (mg/L)	200.00	600.00	176.53	176.53	168.50	172.52	172.52	172.52	172.52
8	Total Alkalinity (mg/L)	200.00	600.00	160.00	156.00	160.00	160.00	160.00	160.00	160.00

O.H.R. – OVER HEAD RESERVOIR

Sd/-
Chemist
NTKD-I, P.H.E. Dte.

Sd/-
Assistant Engineer
NTKD – I, P.H.E. Dte.

Sd/-
Executive Engineer
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NEW TOWN, RAJARHAT, KOLKATA – 700 163

TEST REPORT: ACTION AREA -I, O.H.R - IV
Sub. : Water Testing (Physico-Chemical & Chemical)

Date of Testing: 02.02.2026

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)	
				O.H.R - IV	
				INLET OF O.H.R.	OUTLET OF O.H.R.
A. Physico-chemical Test Results:					
1	pH Value.	6.5-8.5	6.5-8.5	7.98	7.97
2	Temperature (degree C)	----	----	23.5	23.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	194.8	194.5
4	Turbidity (NTU)	1.00	5.00	0.80	0.83
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.8	0.6
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:					
7	Total Hardness (mg/L)	200.00	600.00	168.50	172.52
8	Total Alkalinity (mg/L)	200.00	600.00	160.00	160.00

O.H.R. - OVER HEAD RESERVOIR

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NEW TOWN, RAJARHAT, KOLKATA – 700 163

TEST REPORT: ACTION AREA -I, O.H.R - I
Sub.: Water Testing (Physico-chemical & Chemical)

Date of Testing: 03.02.2026

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)							
				O.H.R - I							
				INLET OF O.H.R.	OUTLET OF O.H.R.	AD-20	AD - 3	AC-37	AC- 8	AA-174	AC-190
A. Physico-chemical Test Results:											
1	pH Value.	6.5-8.5	6.5-8.5	7.97	7.98	7.99	7.97	7.96	7.98	7.99	7.98
2	Temperature (degree C)	----	----	23.4	23.4	23.4	23.3	23.3	23.2	23.1	23.1
3	Total Dissolved Solid (mg/L)	500.00	2000.00	194.7	193.5	194.6	193.8	195.9	195.7	196.3	197.5
4	Turbidity (NTU)	1.00	5.00	0.92	0.82	0.89	0.88	0.89	0.84	0.81	0.98
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.6	0.3	0.3	0.1	0.2	0.3	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:											
7	Total Hardness (mg/L)	200.00	600.00	172.52	172.52	168.50	172.52	168.50	176.53	168.50	168.50
8	Total Alkalinity (mg/L)	200.00	600.00	152.00	156.00	160.00	152.00	156.00	156.00	160.00	160.00

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NEW TOWN, RAJARHAT, KOLKATA – 700 163

TEST REPORT: ACTION AREA –I

Sub. : Water Testing (Physico-chemical & Chemical)

Date of Testing: 09.02.2026

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)		
				HIDCO BHAWAN	ALO EYE CARE	NABADIGANTA SWASTHYA PARISHEBA PVT LTD
A. Physico-chemical Test Results:						
1	pH Value.	6.5-8.5	6.5-8.5	7.90	7.93	7.95
2	Temperature (degree C)	----	----	24.2	24.2	24.2
3	Total Dissolved Solid (mg/L)	500.00	2000.00	283	286	292
4	Turbidity (NTU)	1.00	5.00	0.76	0.90	0.82
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.1	0.1
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:						
7	Total Hardness (mg/L)	200.00	600.00	180.54	180.54	176.53
8	Total Alkalinity (mg/L)	200.00	600.00	160.00	160.00	160.00

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TEST REPORT: AA – I, O.H.R – VII

Sub. : Water Testing (Physico-Chemical & Chemical)

Date of Testing: 09.02.2026

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)					
				O.H.R - VII					
				INLET OF O.H.R.	OUTLET OF O.H.R.	DC-157	DC- 231	DC-245	DC-187
A. Physico-chemical Test Results:									
1	pH Value.	6.5-8.5	6.5-8.5	7.95	7.96	7.97	7.98	7.97	7.99
2	Temperature (degree C)	----	----	24.2	24.2	24.2	24.1	24.1	24.1
3	Total Dissolved Solid.	500.00	2000.00	288	290	286	287	284	292
4	Turbidity, (NTU)	1.00	5.00	0.95	0.94	0.85	0.90	0.88	0.89
5	Residual Free Chlorine	0.20	1.00	0.2	0.4	0.3	0.3	0.2	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:									
7	Total Hardness, (mg/L)	200.00	600.00	176.53	172.52	172.52	172.52	172.52	172.52
8	Total Alkalinity, (mg/L)	200.00	600.00	160.00	160.00	160.00	156.00	156.00	160.00

O.H.R. – OVER HEAD RESERVOIR

Sd/-
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TEST REPORT: AA – I. O.H.R – VIII
 Sub.: Water Testing (Physico-chemical & Chemical)

Date of Testing: 09.02.2026

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)					
				O.H.R - VIII					
				INLET OF O.H.R.	OUTLET OF O.H.R.	DC-30	DC-14	DC-43	DA-27
A. Physico-chemical Test Results:									
1	pH Value.	6.5-8.5	6.5-8.5	7.97	7.98	7.96	7.98	7.96	7.97
2	Temperature (degree C)	----	----	24.1	24.1	24.1	24.1	24.1	24.1
3	Total Dissolved Solid.	500.00	2000.00	287	287	290	287	284	285
4	Turbidity (NTU)	1.00	5.00	0.76	0.91	0.97	0.62	0.84	0.85
5	Residual Free Chlorine	0.20	1.00	0.3	0.4	0.2	0.3	0.2	0.1
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:									
7	Total Hardness. (mg/L)	200.00	600.00	172.52	172.52	172.52	168.50	168.50	168.50
8	Total Alkalinity. (mg/L)	200.00	600.00	160.00	160.00	156.00	156.00	160.00	160.00

O.H.R. – OVER HEAD RESERVOIR

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 Chemist
 NTKD - I P.H.E. Dte.

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 Assistant Engineer
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NEW TOWN, RAJARHAT, KOLKATA – 700 163

TEST REPORT: ACTION AREA - I, O.H.R – V

Sub. : Water Testing (Physico-Chemical & Chemical)

Date of Testing: 12.02.2026

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)						
				O.H.R - V						
				INLET OF O.H.R.	OUTLET OF O.H.R.	CA-27	CA-237	CA-40	CB-41	CA-246
A. Physico - chemical Test Results:										
1	pH Value.	6.5-8.5	6.5-8.5	7.92	7.93	7.95	7.92	7.93	7.94	7.95
2	Temperature(degree C)	----	----	24.4	24.4	24.3	24.3	24.3	24.3	24.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	275	285	284	286	285	289	284
4	Turbidity (NTU)	1.00	5.00	0.92	0.98	0.86	0.93	0.90	0.83	0.93
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.6	0.3	0.2	0.3	0.4	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:										
7	Total Hardness (mg/L)	200.00	600.00	164.49	168.50	168.50	168.50	168.50	168.50	172.52
8	Total Alkalinity (mg/L)	200.00	600.00	149.48	153.52	153.52	153.52	153.52	157.56	153.52

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GOVERNMENT OF WEST BENGAL
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NEW TOWN, RAJARHAT, KOLKATA – 700 163

TEST REPORT: ACTION AREA - I, O.H.R – VI

Sub.: Water Testing (Physico-chemical & Chemical)

Date of Testing: 12.02.2026

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)							
				O.H.R - VI							
				INLET OF O.H.R.	OUTLET OF O.H.R.	CE /I/C/47	CE-173	CE-204	CE -183	CE/I/B/76	CE-133
A. Physico - chemical Test Results:											
1	pH Value.	6.5-8.5	6.5-8.5	7.81	7.83	7.85	7.86	7.84	7.85	7.86	7.87
2	Temperature (degree C)	----	----	24.1	24.1	24.1	24.2	24.2	24.3	24.3	24.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	283	279	280	287	286	285	286	289
4	Turbidity (NTU)	1.00	5.00	0.83	0.91	0.92	0.93	0.96	0.94	0.95	0.91
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.6	0.3	0.3	0.2	0.2	0.3	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:											
7	Total Hardness (mg/L)	200.00	600.00	164.49	168.50	168.50	168.50	168.50	164.49	164.49	164.49
8	Total Alkalinity (mg/L)	200.00	600.00	152.00	152.00	156.00	156.00	156.00	156.00	152.00	152.00

O.H.R. – OVER HEAD RESERVOIR

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ADMINISTRATIVE BUILDING, WATER TREATMENT PLANT SITE, NEAR TANK NO-I
NEW TOWN, RAJARHAT, KOLKATA – 700 163

TEST REPORT: ACTION AREA -I, O.H.R - II
Sub. : Water Testing (Physico-chemical & Chemical)

Date of Testing: 16.02.2026

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)							
				O.H.R - II							
				INLET OF O.H.R.	OUTLET OF O.H.R.	AE-80	AE-97	AE-65	AE-85	AE-53	AB-13
A. Physico-chemical Test Results:											
1	pH Value.	6.5-8.5	6.5-8.5	7.77	7.92	7.96	7.94	7.96	7.97	7.92	7.95
2	Temperature (degree C)	----	----	25.1	25.3	25.2	25.4	25.3	25.6	25.3	25.4
3	Total Dissolved Solid (mg/L)	500.00	2000.00	258	259	257	261	262	260	262	265
4	Turbidity (NTU)	1.00	5.00	0.93	0.94	0.80	0.86	0.92	0.90	0.96	0.89
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.4	0.2	0.3	0.1	0.2	0.2	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:											
7	Total Hardness (mg/L)	200.00	600.00	164.82	164.82	168.84	168.84	168.84	168.84	168.84	172.86
8	Total Alkalinity (mg/L)	200.00	600.00	153.52	149.48	149.48	149.48	149.48	153.52	157.56	157.56

O.H.R. – OVER HEAD RESERVOIR

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NEW TOWN, RAJARHAT, KOLKATA – 700 163

TEST REPORT: AA – I, O.H.R – III
Sub. : Water Testing (Physico-chemical & Chemical)

Date of Testing: 16.02.2026

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)						
				O.H.R - III						
				INLET OF O.H.R	OUTLET OF O.H.R	AI-97	AL-11	AI/153/23	AI-180	AL/1/C/6
A. Physico-chemical Test Results :										
1	pH Value.	6.5-8.5	6.5-8.5	7.96	7.99	7.93	7.91	7.93	7.98	7.96
2	Temperature(degree C)	----	----	25.4	25.3	25.4	25.3	25.5	25.3	25.2
3	Total Dissolved Solid (mg/L)	500.00	2000.00	257	265	260	262	267	268	263
4	Turbidity, (NTU)	1.00	5.00	0.94	0.85	0.81	0.81	0.84	0.80	0.93
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.6	0.4	0.3	0.2	0.3	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results :										
7	Total Hardness, (mg/L)	200.00	600.00	164.82	168.84	168.84	168.84	164.82	160.80	164.82
8	Total Alkalinity, (mg/L)	200.00	600.00	153.52	157.56	157.56	157.56	157.56	153.52	153.52

O.H.R. – OVER HEAD RESERVOIR

Sd/-
Chemist
NTKD-I, P.H.E. Dte.

Sd/-
Assistant Engineer
NTKD - I P.H.E. Dte.

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Executive Engineer
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ACTION AREA – II
(FEBRUARY' 2026)

GOVERNMENT OF WEST BENGAL
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NEW TOWN, RAJARHAT, KOLKATA – 700 163

TEST REPORT: AA – II C, O.H.R – 13

Sub. : Water Testing (Physico-Chemical & Chemical)

Date of Testing: 05.02.2026

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)						
				AA – IIC, O.H.R - 13						
				INLET OF O.H.R.	OUTLET OF O.H.R.	AKANKHA	NKDA MKT	STARLIT COMPLEX	HILAND WOODS	MOON BEAM
A. Physico-chemical Test Results:										
1	pH Value.	6.5-8.5	6.5-8.5	7.99	7.98	7.97	7.95	7.98	7.97	7.96
2	Temperature (degree C)	----	----	24.1	24.1	24.1	24.1	24.0	24.0	24.0
3	Total Dissolved Solid (mg/L)	500.00	2000.00	275	278	280	279	277	284	279
4	Turbidity (NTU)	1.00	5.00	0.97	0.98	0.89	0.96	0.81	0.90	0.91
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.4	0.2	0.3	0.3	0.2	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:										
7	Total Hardness (mg/L)	200.00	600.00	176.53	176.53	172.52	172.52	176.53	176.53	176.53
8	Total Alkalinity (mg/L)	200.00	600.00	160.00	160.00	156.00	156.00	156.00	156.00	156.00

Sd/-
Chemist
NTKD - I P.H.E. Dte.

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ADMINISTRATIVE BUILDING, WATER TREATMENT PLANT SITE, NEAR TANK NO-I
NEW TOWN, RAJARHAT, KOLKATA – 700 163

TEST REPORT: AA – II D, O.H.R – 11

Sub. : Water Testing (Physico-chemical & Chemical)

Date of Testing: 05.02.2026

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)			
				AA – IID, O.H.R - 11			
				INLET OF O.H.R.	OUTLET OF O.H.R.	ALATIKA	GREEN WOOD SONATA
A. Physico-Chemical Test Results:							
1	pH Value.	6.5-8.5	6.5-8.5	7.98	7.97	7.96	7.95
2	Temperature (degree C)	----	----	24.0	24.2	24.2	24.2
3	Total Dissolved Solid (mg/L)	500.00	2000.00	282	282	280	282
4	Turbidity (NTU)	1.00	5.00	0.95	0.98	0.93	0.92
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.2	0.1	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:							
7	Total Hardness (mg/L)	200.00	600.00	176.53	176.53	176.53	172.52
8	Total Alkalinity (mg/L)	200.00	600.00	156.00	160.00	160.00	160.00

O.H.R. – OVER HEAD RESERVOIR

Sd/-
Chemist
NTKD - I P.H.E. Dte.

Sd/-
Assistant Engineer
NTKD - I P.H.E. Dte.

Sd/-
Executive Engineer
NTKD - I P.H.E. Dte.

GOVERNMENT OF WEST BENGAL
DIRECTORATE OF PUBLIC HEALTH ENGINEERING
OFFICE OF THE EXECUTIVE ENGINEER, NEW TOWN KOLKATA WATER SUPPLY DIVISION-I
ADMINISTRATIVE BUILDING, WATER TREATMENT PLANT SITE, NEAR TANK NO-I
NEW TOWN, RAJARHAT, KOLKATA – 700 163

TEST REPORT: AA – II D, O.H.R – 12

Sub. : Water Testing (Physico-chemical & Chemical)

Date of Testing: 05.02.2026

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)		
				AA – IID, O.H.R - 12		
				INLET OF O.H.R.	OUTLET OF O.H.R.	GREEN FIELD AMBITION
A. Physico-chemical Test Results:						
1	pH Value.	6.5-8.5	6.5-8.5	7.94	7.96	7.95
2	Temperature (degree C)	----	----	24.0	24.1	24.1
3	Total Dissolved Solid (mg/L)	500.00	2000.00	276	279	282
4	Turbidity (NTU)	1.00	5.00	0.99	0.93	0.97
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.3	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:						
7	Total Hardness (mg/L)	200.00	600.00	172.52	172.52	172.52
8	Total Alkalinity (mg/L)	200.00	600.00	160.00	160.00	156.00

O.H.R. – OVER HEAD RESERVOIR,

Sd/-
Chemist
NTKD - I P.H.E. Dte.

Sd/-
Assistant Engineer
NTKD - I P.H.E. Dte.

Sd/-
Executive Engineer
NTKD - I P.H.E. Dte.

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OFFICE OF THE EXECUTIVE ENGINEER, NEW TOWN KOLKATA WATER SUPPLY DIVISION-I
ADMINISTRATIVE BUILDING, WATER TREATMENT PLANT SITE, NEAR TANK NO-I
NEW TOWN, RAJARHAT, KOLKATA – 700 163

TEST REPORT: AA – II A, O.H.R – 17
Sub. : Water Testing (Physico-chemical , Chemical & Bacteriological)

Date of Testing: 13.02.2026

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)		
				AA – IIA, O.H.R – 17		
				INLET OF O.H.R.	OUTLET OF O.H.R.	CBD
A. Physico-chemical Test Results:						
1	pH Value.	6.5-8.5	6.5-8.5	7.96	7.97	7.94
2	Temperature (degree C)	----	----	25.2	25.1	25.1
3	Total Dissolved Solid (mg/L)	500.00	2000.00	288	287	285
4	Turbidity (NTU)	1.00	5.00	0.73	0.96	0.80
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.8	0.4	0.4
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:						
7	Total Hardness (mg/L)	200.00	600.00	168.50	168.50	168.50
8	Total Alkalinity (mg/L)	200.00	600.00	156.00	156.00	152.00
9	Iron (as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	28.29	28.29	28.29
C. Bacteriological Test Results:						
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF

O.H.R. – OVER HEAD RESERVOIR, N.F-NOT FOUND

Sd/-
Chemist & Bacteriologist
NTKD - I P.H.E. Dte.

Sd/-
Assistant Engineer
NTKD - I P.H.E. Dte.

Sd/-
Executive Engineer
NTKD - I P.H.E. Dte.

GOVERNMENT OF WEST BENGAL
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OFFICE OF THE EXECUTIVE ENGINEER, NEW TOWN KOLKATA WATER SUPPLY DIVISION-I
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NEW TOWN, RAJARHAT, KOLKATA – 700 163

TEST REPORT: AA – II B, O.H.R – 15
Sub. : Water Testing (Physico-chemical , Chemical & Bacteriological)

Date of Testing: 13.02.2026

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit (IS 10500-2012)	SOURCE (PHE SUPPLY)							
				AA – IIB, O.H.R – 15							
				INLET OF O.H.R.	OUTLET OF O.H.R.	HILAND WILLOWS	PLOT-1590	MALANCHA	NKDA MKT	ECO URBAN VILLAGE	SHILPI VILLA
A. Physico-chemical Test Results:											
1	pH Value.	6.5 to 8.5	6.5 to 8.5	7.83	7.87	7.88	7.89	7.91	7.90	7.91	7.94
2	Temperature (degree C)	----	----	25.1	25.1	25.1	25.2	25.2	25.2	25.2	25.2
3	Total Dissolved Solid (mg/L)	500	2000	279	284	287	285	288	286	285	287
4	Turbidity (NTU)	1.00	5.00	0.95	0.89	0.72	0.81	0.87	0.87	0.94	0.91
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.6	0.1	0.1	0.2	0.1	0.2	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:											
7	Total Hardness (mg/L)	200.00	600.00	164.49	168.50	168.50	168.50	168.50	168.50	168.50	172.52
8	Total Alkalinity (mg/L)	200.00	600.00	152.00	152.00	156.00	156.00	156.00	156.00	156.00	156.00
9	Iron(as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250	1000	28.29	28.29	28.29	28.29	28.29	28.29	28.29	28.29
C. Bacteriological Test Results :											
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF	NF	NF

O.H.R. - OVER HEAD RESERVOIR, N.F-NOT FOUND

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