

**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
AUGUST' 2026**

ACTION AREA – I
(AUGUST' 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 - IV

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

Date of Testing: 05.08.2026

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.	BC-72	BF-75	BB-50	SNEHODIYA
A. Physico-chemical Test Results:									
1	pH Value.	6.5-8.5	6.5-8.5	7.70	7.84	7.85	7.88	7.92	7.93
2	Temperature (degree C)	----	----	26.6	26.6	26.6	26.5	26.5	26.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	146.3	144.9	144.7	143.4	144.7	145.4
4	Turbidity (NTU)	1.00	5.00	0.98	0.93	0.94	0.97	0.97	0.92
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.4	0.4	0.3	0.3	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:									
7	Total Hardness (mg/L)	200.00	600.00	107.72	107.72	111.71	111.71	115.70	115.70
8	Total Alkalinity (mg/L)	200.00	600.00	77.90	82.00	82.00	82.00	82.00	82.00
9	Iron (as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	18.86	18.86	18.86	18.86	18.86	18.86
C. Bacteriological Test Results:									
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	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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ADMINISTRATIVE BUILDING, WATER TREATMENT PLANT SITE, NEAR TANK NO-I
NEW TOWN, RAJARHAT, KOLKATA – 700 163

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

Date of Testing: 05.08.2026

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/1/C/28	AL/1/C/40	AI/153/24
A. Physico-chemical Test Results :									
1	pH Value.	6.5-8.5	6.5-8.5	7.66	7.75	7.79	7.84	7.88	7.85
2	Temperature(degree C)	----	----	26.3	26.5	26.4	26.4	26.4	26.4
3	Total Dissolved Solid (mg/L)	500.00	2000.00	146.4	145.0	148.1	143.4	144.9	146.4
4	Turbidity, (NTU)	1.00	5.00	0.94	0.95	0.93	0.96	0.98	0.93
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.6	0.3	0.4	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	115.70	111.71	111.71	111.71	111.71	111.71
8	Total Alkalinity, (mg/L)	200.00	600.00	77.90	77.90	82.00	82.00	82.00	86.10
9	Iron(as Fe) (mg/L)	1.0	No Relaxation	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	18.86	18.86	18.86	18.86	18.86	18.86
C. Bacteriological Test Results:									
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF

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

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

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

Sd/-
Executive Engineer
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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

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

Date of Testing: 06.08.2026

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	7.67	7.70	7.67
2	Temperature (degree C)	----	----	25.3	26.1	25.9
3	Total Dissolved Solid (mg/L)	500.00	2000.00	146.1	146.9	145.5
4	Turbidity (NTU)	1.00	5.00	0.74	0.98	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	107.72	103.73	103.73
8	Total Alkalinity (mg/L)	200.00	600.00	77.90	82.00	82.00
9	Iron (as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	16.97	18.86	18.86
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

NF-NOT FOUND

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

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Assistant Engineer
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TEST REPORT: AA – I, O.H.R – VII

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

Date of Testing: 06.08.2026

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-57	DC-210	DC-248	DC-187
A. Physico-chemical Test Results:									
1	pH Value.	6.5-8.5	6.5-8.5	7.72	7.79	7.82	7.87	7.90	7.91
2	Temperature (degree C)	----	----	26.1	25.7	25.9	25.9	25.9	25.9
3	Total Dissolved Solid.	500.00	2000.00	146.2	145.3	144.8	144.7	145.0	145.3
4	Turbidity, (NTU)	1.00	5.00	0.87	0.98	0.96	0.93	0.95	0.93
5	Residual Free Chlorine	0.20	1.00	0.3	0.4	0.4	0.2	0.3	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	107.72	107.72	103.73	103.73	103.73	103.73
8	Total Alkalinity, (mg/L)	200.00	600.00	82.00	82.00	86.10	86.10	86.10	86.10
9	Iron (as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250	1000	18.86	18.86	20.75	20.75	18.86	18.86
C .Bacteriological Test Results :									
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF

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

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

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

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

Date of Testing: **06.08.2026**

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.	DA-30	DC-14	DA-88	DC-10
A. Physico-chemical Test Results:									
1	pH Value.	6.5-8.5	6.5-8.5	7.81	7.86	7.91	7.90	7.89	7.88
2	Temperature (degree C)	----	----	25.8	25.5	25.8	25.5	25.4	25.6
3	Total Dissolved Solid.	500.00	2000.00	147.2	146.3	146.2	146.9	146.2	146.8
4	Turbidity (NTU)	1.00	5.00	0.92	0.98	0.96	0.93	0.94	0.91
5	Residual Free Chlorine	0.20	1.00	0.4	0.4	0.1	0.2	0.3	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:									
7	Total Hardness. (mg/L)	200.00	600.00	103.73	103.73	103.73	103.73	103.73	103.73
8	Total Alkalinity. (mg/L)	200.00	600.00	77.90	73.80	73.80	77.90	77.90	77.90
9	Iron (as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250	1000	16.97	16.97	16.97	16.97	16.97	16.97
C .Bacteriological Test Results :									
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF

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

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Chemist & Bacteriologist
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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 & Bacteriological)

Date of Testing: 13.08.2026

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-246	CA-27	CA-40	CB-18
A. Physico - chemical Test Results:									
1	pH Value.	6.5-8.5	6.5-8.5	7.86	7.85	7.86	7.88	7.89	7.91
2	Temperature(degree C)	----	----	26.3	26.1	26.0	26.0	25.9	25.9
3	Total Dissolved Solid (mg/L)	500.00	2000.00	166.7	165.6	165.1	163.0	165.2	165.6
4	Turbidity (NTU)	1.00	5.00	0.86	0.96	0.96	0.71	0.82	0.95
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.4	0.2	0.3	0.3	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	111.71	111.71	111.71	111.71	111.71	111.71
8	Total Alkalinity (mg/L)	200.00	600.00	77.90	82.00	77.90	77.90	77.90	77.90
9	Iron(as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250	1000	16.97	16.97	18.86	16.97	18.86	18.86
C .Bacteriological Test Results :									
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF

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

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

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Assistant Engineer
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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 & Bacteriological)

Date of Testing: 13.08.2026

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.	NBCC	CE/1/C/52	CE-74	CE-197	CE/1C/170
A. Physico - chemical Test Results:										
1	pH Value.	6.5-8.5	6.5-8.5	7.67	7.81	7.76	7.79	7.82	7.83	7.85
2	Temperature(degree C)	----	----	26.0	26.0	26.0	26.0	26.1	26.1	26.1
3	Total Dissolved Solid (mg/L)	500.00	2000.00	164.8	165.6	163.0	163.7	165.2	165.6	164.9
4	Turbidity (NTU)	1.00	5.00	0.79	0.72	0.63	0.69	0.55	0.61	0.61
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.6	0.4	0.4	0.3	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	115.70	111.71	111.71	111.71	115.70	111.71	111.71
8	Total Alkalinity (mg/L)	200.00	600.00	82.00	82.00	77.90	77.90	82.00	77.90	77.90
9	Iron(as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	16.97	16.97	16.97	16.97	18.86	18.86	16.97
C. Bacteriological Test Results :										
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	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.

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Executive Engineer
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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: 14.08.2026

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-26	AA-05	AC-16	AC-55
A. Physico-chemical Test Results:									
1	pH Value.	6.5-8.5	6.5-8.5	7.77	7.84	7.88	7.89	7.87	7.88
2	Temperature (degree C)	----	----	26.2	26.5	26.5	26.4	26.4	26.4
3	Total Dissolved Solid (mg/L)	500.00	2000.00	165.1	165.2	165.7	165.9	165.8	165.9
4	Turbidity (NTU)	1.00	5.00	0.75	0.78	0.68	0.84	0.75	0.67
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.4	0.2	0.2	0.3	0.4
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:									
7	Total Hardness (mg/L)	200.00	600.00	115.70	115.70	111.71	111.71	111.71	111.71
8	Total Alkalinity (mg/L)	200.00	600.00	82.00	82.00	82.00	82.00	82.00	86.10

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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NEW TOWN, RAJARHAT, KOLKATA – 700 163

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

Date of Testing: 14.08.2026

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/153/24	AI-97	AI/1/C/28	AL/1/C/40
A. Physico-chemical Test Results :									
1	pH Value.	6.5-8.5	6.5-8.5	7.87	7.89	7.95	7.97	7.96	7.97
2	Temperature(degree C)	----	----	26.6	26.6	26.6	26.4	26.3	26.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	166.5	166.0	165.7	166.8	166.3	165.7
4	Turbidity, (NTU)	1.00	5.00	0.93	0.64	0.89	0.82	0.90	0.80
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.6	0.4	0.4	0.3	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results :									
7	Total Hardness, (mg/L)	200.00	600.00	111.71	115.70	111.71	115.70	111.71	111.71
8	Total Alkalinity, (mg/L)	200.00	600.00	82.00	82.00	82.00	82.00	82.00	82.00

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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NEW TOWN, RAJARHAT, KOLKATA – 700 163

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

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

Date of Testing: 17.08.2026

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.	NEWTOWN BUS STAND	AE-65	AB-72	AB-13	AE-50	AE-97
A. Physico-chemical Test Results:											
1	pH Value.	6.5-8.5	6.5-8.5	7.63	7.89	7.87	7.86	7.90	7.91	7.92	7.90
2	Temperature(degree C)	----	----	26.4	25.9	26.0	26.2	26.2	26.1	26.1	26.1
3	Total Dissolved Solid (mg/L)	500.00	2000.00	159.7	160.4	158.6	165.8	160.8	160.5	160.1	160.5
4	Turbidity (NTU)	1.00	5.00	0.51	0.55	0.42	0.41	0.55	0.53	0.54	0.46
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.4	0.2	0.3	0.2	0.3	0.2	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	110.89	106.93	110.89	114.85	114.85	110.89	114.85	114.85
8	Total Alkalinity (mg/L)	200.00	600.00	82.00	82.00	82.00	82.00	86.10	86.10	86.10	86.10
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)	250.00	1000.00	17.48	19.43	19.43	19.43	19.43	19.43	19.43	19.43
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

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
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 – I, O.H.R – X

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

Date of Testing: 21.08.2026

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 - X			
				INLET OF O.H.R.	OUTLET OF O.H.R.	GREEN FIELD – 4D	CNCI
A. Physico-chemical Test Results:							
1	pH Value.	6.5-8.5	6.5-8.5	7.84	7.86	7.83	7.91
2	Temperature(degree C)	----	----	25.9	26.4	26.4	26.5
3	Total Dissolved Solid(mg/L)	500.00	2000.00	161.1	160.3	160.5	160.1
4	Turbidity, (NTU)	1.00	5.00	0.31	0.49	0.41	0.45
5	Residual Free Chlorine(mg/L)	0.20	1.00	0.1	0.3	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	118.81	118.81	114.85	114.85
8	Total Alkalinity, (mg/L)	200.00	600.00	90.20	90.20	94.30	94.30
9	Iron(as Fe) (mg/L)	1.0	No Relaxation	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	19.43	19.43	19.43	19.43
C. Bacteriological Test Results:							
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	NF	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
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 – I, O.H.R – IX
Sub. : Water Testing (Physico-chemical, Chemical & Bacteriological)

Date of Testing: 21.08.2026

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 - IX			
				INLET OF O.H.R.	OUTLET OF O.H.R.	DAWAT RESTAURANT	RISHI TOWER
A. Physico-chemical Test Results:							
1	pH Value.	6.5-8.5	6.5-8.5	7.84	7.81	7.85	7.86
2	Temperature(degree C)	----	----	26.7	26.7	26.6	26.6
3	Total Dissolved Solid. (mg/L)	500.00	2000.00	161.4	161.4	155.8	156.4
4	Turbidity, (NTU)	1.00	5.00	0.40	0.43	0.41	0.49
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.4	0.4	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:							
7	Total Hardness, (mg/L)	200.00	600.00	114.85	114.85	110.89	114.85
8	Total Alkalinity, (mg/L)	200.00	600.00	90.20	90.20	90.20	90.20
9	Iron(as Fe) (mg/L)	1.0	No Relaxation	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	19.43	19.43	19.43	19.43
C. Bacteriological Test Results:							
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	NF	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
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 - I

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

Date of Testing: 25.08.2026

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-26	AA-05	AC-16	AC-55	AA-154	AC-190
A. Physico-chemical Test Results:											
1	pH Value.	6.5-8.5	6.5-8.5	7.82	7.85	7.93	7.96	7.95	7.97	7.96	7.98
2	Temperature (degree C)	----	----	26.1	26.5	26.3	26.3	26.4	26.4	26.3	26.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	154.2	155.0	155.5	154.1	154.6	155.0	155.6	154.6
4	Turbidity (NTU)	1.00	5.00	0.73	0.60	0.88	1.13	0.63	0.75	0.70	0.70
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.4	0.3	0.2	0.3	0.2	0.2	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	106.93	106.93	114.85	114.85	110.89	110.89	110.89	110.89
8	Total Alkalinity (mg/L)	200.00	600.00	90.20	90.20	90.20	90.20	90.20	94.30	98.40	98.40
19	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)	250.00	1000.00	17.48	17.48	17.48	17.48	19.43	19.43	19.43	19.43
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

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.

ACTION AREA – II
(AUGUST' 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: AA – II C, O.H.R – 13

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

Date of Testing: 10.08.2026

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	7.90	7.92	7.93	7.96	7.98	7.97	7.96
2	Temperature (degree C)	----	----	26.7	26.8	26.8	26.8	26.7	26.7	26.7
3	Total Dissolved Solid (mg/L)	500.00	2000.00	103.1	102.8	102.2	102.2	102.2	102.4	102.6
4	Turbidity (NTU)	1.00	5.00	0.73	0.88	0.92	0.95	0.94	0.82	0.96
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.3	0.1	0.2	0.2	0.1	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	111.71	107.72	111.71	115.70	107.72	115.70	115.70
8	Total Alkalinity (mg/L)	200.00	600.00	82.00	82.00	82.00	82.00	77.90	82.00	82.00

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 – 11

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

Date of Testing: 10.08.2026

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	7.80	7.82	7.86	7.87
2	Temperature (degree C)	----	----	26.7	26.8	26.7	26.7
3	Total Dissolved Solid (mg/L)	500.00	2000.00	100.4	101.0	102.0	101.7
4	Turbidity (NTU)	1.00	5.00	0.80	0.84	0.67	0.88
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.1	0.1	0.1
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:							
7	Total Hardness (mg/L)	200.00	600.00	107.72	111.71	107.72	111.71
8	Total Alkalinity (mg/L)	200.00	600.00	86.10	82.00	77.90	77.90

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 – IID, O.H.R – 12

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

Date of Testing: 10.08.2026

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	7.85	7.88	7.89
2	Temperature (degree C)	----	----	26.5	26.5	26.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	100.8	102.8	102.4
4	Turbidity (NTU)	1.00	5.00	0.73	0.80	0.86
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.3	0.1
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:						
7	Total Hardness (mg/L)	200.00	600.00	111.71	111.71	111.71
8	Total Alkalinity (mg/L)	200.00	600.00	82.00	82.00	82.00

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

Date of Testing: 12.08.2026

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	7.85	7.95	7.91
2	Temperature (degree C)	----	----	26.8	26.8	26.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	165.4	164.9	166.2
4	Turbidity (NTU)	1.00	5.00	0.75	0.68	0.73
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.3	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:						
7	Total Hardness (mg/L)	200.00	600.00	111.71	111.71	115.70
8	Total Alkalinity (mg/L)	200.00	600.00	77.90	82.00	82.00
9	Iron (as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	16.97	16.97	18.85
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
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 B, O.H.R – 15
Sub. : Water Testing (Physico-chemical , Chemical & Bacteriological)

Date of Testing: 12.08.2026

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	MALANCHHA	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	7.66	7.83	7.86	7.91	7.95	7.96	7.91	7.90
2	Temperature (degree C)	----	----	26.8	26.8	26.8	26.8	26.8	26.7	26.7	26.7
3	Total Dissolved Solid (mg/L)	500	2000	164.4	165.1	175.0	173.1	172.8	166.5	165.5	165.4
4	Turbidity (NTU)	1.00	5.00	0.82	0.82	0.92	0.91	0.98	0.94	0.90	0.79
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.3	0.1	0.2	0.1	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	115.70	111.71	107.72	111.71	111.71	111.71	111.71	111.71
8	Total Alkalinity (mg/L)	200.00	600.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00
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	16.97	16.97	18.86	18.86	18.86	18.86	18.86	18.86
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

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
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 – IIG, O.H.R – 18

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

Date of Testing: 21.08.2026

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)	
				AA – IIG, O.H.R – 18	
				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	7.71	7.73
2	Temperature (degree C)	----	----	26.2	26.0
3	Total Dissolved Solid (mg/L)	500.00	2000.00	160.6	160.5
4	Turbidity (NTU)	1.00	5.00	0.46	0.57
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.2	0.1
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:					
7	Total Hardness (mg/L)	200.00	600.00	114.85	118.81
8	Total Alkalinity (mg/L)	200.00	600.00	90.20	90.20
9	Iron(as Fe) (mg/L)	1.0	No Relaxation	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	17.48	17.48
C. Bacteriological Test Results:					
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	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
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 A, O.H.R – 17
Sub. : Water Testing (Physico-chemical & Chemical)

Date of Testing: 27.08.2026

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.	ALIAH UNIVERSITY
A. Physico-chemical Test Results:						
1	pH Value.	6.5-8.5	6.5-8.5	7.83	7.86	7.97
2	Temperature (degree C)	----	----	26.8	26.7	26.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	155.1	155.3	155.1
4	Turbidity (NTU)	1.00	5.00	0.41	0.35	0.40
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.3	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:						
7	Total Hardness (mg/L)	200.00	600.00	110.89	110.89	114.85
8	Total Alkalinity (mg/L)	200.00	600.00	90.20	94.30	90.20

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 B, O.H.R – 15
Sub. : Water Testing (Physico-chemical & Chemical)

Date of Testing: 27.08.2026

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	MALANCHHA	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	7.68	7.80	7.95	7.96	7.98	7.97	7.96	7.95
2	Temperature (degree C)	----	----	26.8	26.7	26.3	26.4	26.4	26.4	26.5	26.5
3	Total Dissolved Solid (mg/L)	500	2000	153.5	154.6	156.1	154.7	155.1	155.5	154.2	154.6
4	Turbidity (NTU)	1.00	5.00	0.72	0.56	0.40	0.86	0.57	0.88	0.60	0.79
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.3	0.1	0.2	0.1	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	106.93	110.89	110.89	110.89	114.85	114.85	110.89	110.89
8	Total Alkalinity (mg/L)	200.00	600.00	90.20	90.20	94.30	94.30	94.30	94.30	94.30	94.30

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 C, O.H.R – 13

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

Date of Testing: 31.08.2026

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	7.80	7.87	7.94	7.98	7.97	7.96	7.98
2	Temperature (degree C)	----	----	25.7	25.8	25.3	25.4	25.5	25.5	25.4
3	Total Dissolved Solid (mg/L)	500.00	2000.00	159.4	161.1	159.4	160.0	160.1	159.5	160.5
4	Turbidity (NTU)	1.00	5.00	0.53	0.49	0.92	0.50	0.52	0.49	0.50
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	118.81	114.85	110.89	110.89	110.89	114.85	110.89
8	Total Alkalinity (mg/L)	200.00	600.00	106.60	102.50	102.50	102.50	102.50	98.40	102.50
9	Iron(as Fe) (mg/L)	1.0	No Relaxation	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	17.48	17.48	15.54	17.48	17.48	17.48	17.48
C. Bacteriological Test Results:										
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF	NF

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
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 – 11

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

Date of Testing: 31.08.2026

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.	GREENWOOD SONATA
A. Physico-Chemical Test Results:						
1	pH Value.	6.5-8.5	6.5-8.5	7.98	7.92	7.96
2	Temperature (degree C)	----	----	26.4	26.0	25.9
3	Total Dissolved Solid (mg/L)	500.00	2000.00	160.9	161.1	159.7
4	Turbidity (NTU)	1.00	5.00	0.87	0.59	0.59
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	114.85	114.85	114.85
8	Total Alkalinity (mg/L)	200.00	600.00	102.50	106.60	102.50
9	Iron(as Fe) (mg/L)	1.0	No Relaxation	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	19.43	19.43	19.43
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
DIRECTORATE OF PUBLIC HEALTH ENGINEERING
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 D, O.H.R – 12

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

Date of Testing: 31.08.2026

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	7.84	7.92	7.94
2	Temperature (degree C)	----	----	26.4	26.4	26.4
3	Total Dissolved Solid (mg/L)	500.00	2000.00	160.9	161.4	160.8
4	Turbidity (NTU)	1.00	5.00	0.59	0.53	0.55
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.6	0.4
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Chemical Test Results:						
7	Total Hardness (mg/L)	200.00	600.00	114.85	114.85	114.85
8	Total Alkalinity (mg/L)	200.00	600.00	102.50	98.40	98.40
9	Iron(as Fe) (mg/L)	1.0	No Relaxation	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	15.54	17.48	17.48
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.