

**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  
JUNE' 2026**

**ACTION AREA – I**  
**(JUNE' 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 – I, O.H.R – III**  
**Sub. : Water Testing (Physico-chemical & Chemical)**

Date of Testing: 01.06.2026

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-152	AK-06	AL/1/C/2	AI-97	AL-24	AI-180
<b>A. Physico-chemical Test Results :</b>											
1	pH Value.	6.5-8.5	6.5-8.5	7.40	7.68	7.79	7.81	7.84	7.86	7.88	7.89
2	Temperature(degree C)	----	----	25.8	25.0	25.9	25.9	25.9	25.7	25.7	25.7
3	Total Dissolved Solid (mg/L)	500.00	2000.00	279	280	271	270	273	272	271	274
4	Turbidity, (NTU)	1.00	5.00	0.51	0.56	0.52	0.55	0.51	0.63	0.51	0.53
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.6	0.2	0.3	0.4	0.3	0.4	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results :</b>											
7	Total Hardness, (mg/L)	200.00	600.00	120	120	120	124	128	124	124	120
8	Total Alkalinity, (mg/L)	200.00	600.00	93.38	101.50	97.44	105.56	105.56	109.62	109.62	105.56

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 – I, O.H.R – X

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

Date of Testing: 02.06.2026

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
<b>A. Physico-chemical Test Results:</b>							
1	pH Value.	6.5-8.5	6.5-8.5	7.82	7.91	7.66	7.72
2	Temperature(degree C)	---	---	23.1	23.2	25.2	25.2
3	Total Dissolved Solid(mg/L)	500.00	2000.00	187.1	194.3	189.5	188.8
4	Turbidity, (NTU)	1.00	5.00	0.92	0.98	0.97	0.94
5	Residual Free Chlorine(mg/L)	0.20	1.00	0.3	0.4	0.3	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>							
7	Total Hardness, (mg/L)	200.00	600.00	116	116	120	120
8	Total Alkalinity, (mg/L)	200.00	600.00	101.50	97.44	97.44	97.44
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	32.06	30.18	33.95	33.95
<b>C. Bacteriological Test Results:</b>							
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: 02.06.2026

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	VGM TOWER
<b>A. Physico-chemical Test Results:</b>								
1	pH Value.	6.5-8.5	6.5-8.5	7.87	7.92	7.78	7.79	7.81
2	Temperature(degree C)	----	----	23.3	23.2	25.1	25.1	25.1
3	Total Dissolved Solid. (mg/L)	500.00	2000.00	189.2	192.0	187.9	190.2	190.8
4	Turbidity, (NTU)	1.00	5.00	0.93	0.98	0.98	0.93	0.97
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.6	0.6	0.4	0.1
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>								
7	Total Hardness, (mg/L)	200.00	600.00	124	120	124	120	124
8	Total Alkalinity, (mg/L)	200.00	600.00	97.44	97.44	101.50	101.50	101.50
9	Iron(as Fe) (mg/L)	1.0	No Relaxation	<0.1	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	30.18	28.29	32.06	32.06	32.06
<b>C. Bacteriological Test Results:</b>								
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	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: ACTION AREA - I, O.H.R – V**

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

Date of Testing: 04.06.2026

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.	CE-18	CB-41	CA-27	CA-246	CA-40
<b>A. Physico - chemical Test Results:</b>										
1	pH Value.	6.5-8.5	6.5-8.5	7.95	7.93	7.97	7.96	7.98	7.96	7.97
2	Temperature(degree C)	----	----	26.8	26.2	26.6	26.6	26.6	26.6	26.6
3	Total Dissolved Solid (mg/L)	500.00	2000.00	213	213	231	225	229	217	228
4	Turbidity (NTU)	1.00	5.00	0.90	0.90	0.98	0.92	0.83	0.91	0.95
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.4	0.2	0.3	0.3	0.2	0.4
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>										
7	Total Hardness (mg/L)	200.00	600.00	120	120	120	120	124	120	120
8	Total Alkalinity (mg/L)	200.00	600.00	93.38	93.38	93.38	97.44	97.44	97.44	97.44
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	1000	30.18	30.18	30.18	32.06	32.06	32.06	32.06
<b>C. Bacteriological Test Results :</b>										
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.

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 – VI**

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

Date of Testing: 04.06.2026

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/1/C/46	CE/1/C/70	CE-52	CE-173
<b>A. Physico - chemical Test Results:</b>									
1	pH Value.	6.5-8.5	6.5-8.5	7.84	7.98	7.94	7.93	7.97	7.98
2	Temperature(degree C)	----	----	26.8	26.8	26.7	26.7	26.7	26.7
3	Total Dissolved Solid (mg/L)	500.00	2000.00	231	226	239	233	231	232
4	Turbidity (NTU)	1.00	5.00	0.75	0.71	0.89	0.94	0.96	0.84
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.4	0.4	0.3	0.2	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>									
7	Total Hardness (mg/L)	200.00	600.00	120	120	120	120	120	120
8	Total Alkalinity (mg/L)	200.00	600.00	97.44	93.38	97.44	97.44	97.44	93.38
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	30.18	30.18	32.06	32.06	30.18	30.18
<b>C. Bacteriological Test Results :</b>									
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  
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**

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

**Date of Testing: 08.06.2026**

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
<b>A. Physico-chemical Test Results:</b>						
1	pH Value.	6.5-8.5	6.5-8.5	7.91	7.93	7.94
2	Temperature (degree C)	----	----	26.0	26.0	26.1
3	Total Dissolved Solid (mg/L)	500.00	2000.00	193.6	194.4	195.6
4	Turbidity (NTU)	1.00	5.00	0.93	0.89	0.81
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.2	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>						
7	Total Hardness (mg/L)	200.00	600.00	120	120	116
8	Total Alkalinity (mg/L)	200.00	600.00	93.38	93.38	93.38

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 – I, O.H.R – VII**

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

Date of Testing: 08.06.2026

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- 187	DC-245	DC-210
<b>A. Physico-chemical Test Results:</b>									
1	pH Value.	6.5-8.5	6.5-8.5	7.98	7.96	7.99	7.97	7.98	7.96
2	Temperature (degree C)	----	----	26.3	26.5	26.3	26.3	26.3	26.4
3	Total Dissolved Solid.	500.00	2000.00	192.5	194.6	191.9	196.9	193.9	191.0
4	Turbidity, (NTU)	1.00	5.00	0.81	0.85	0.89	0.81	0.80	0.82
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>B. Chemical Test Results:</b>									
7	Total Hardness, (mg/L)	200.00	600.00	120	120	120	120	120	124
8	Total Alkalinity, (mg/L)	200.00	600.00	93.38	97.44	97.44	93.38	93.38	93.38

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 – I. O.H.R – VIII  
Sub.: Water Testing (Physico-chemical & Chemical)

Date of Testing: 08.06.2026

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.	DB-08	DC-14	DC-10	DC-44
<b>A. Physico-chemical Test Results:</b>									
1	pH Value.	6.5-8.5	6.5-8.5	7.96	7.98	7.97	7.98	7.96	7.95
2	Temperature (degree C)	----	----	26.5	26.5	26.4	26.4	26.4	26.4
3	Total Dissolved Solid.	500.00	2000.00	193.1	194.2	193.8	193.6	194.8	192.4
4	Turbidity (NTU)	1.00	5.00	0.78	0.75	0.95	0.64	0.97	0.93
5	Residual Free Chlorine	0.20	1.00	0.4	0.4	0.2	0.2	0.4	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>									
7	Total Hardness. (mg/L)	200.00	600.00	124	124	124	124	124	120
8	Total Alkalinity. (mg/L)	200.00	600.00	93.38	93.38	93.38	97.44	93.38	93.38

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: ACTION AREA -I, O.H.R – II**

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

**Date of Testing: 11.06.2026**

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-97	AE-85	AE-53	AE-109	AB-13	AE-64
<b>A. Physico-chemical Test Results:</b>											
1	pH Value.	6.5-8.5	6.5-8.5	7.69	7.92	7.96	7.95	7.94	7.95	7.97	7.98
2	Temperature(degree C)	----	----	26.3	26.0	26.5	26.7	26.7	26.7	26.7	26.7
3	Total Dissolved Solid (mg/L)	500.00	2000.00	252	249	253	255	253	253	252	254
4	Turbidity (NTU)	1.00	5.00	0.65	0.61	0.79	0.57	0.51	0.76	0.57	0.61
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.6	0.3	0.3	0.2	0.3	0.2	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>											
7	Total Hardness (mg/L)	200.00	600.00	120	120	124	128	124	124	120	120
8	Total Alkalinity (mg/L)	200.00	600.00	89.32	85.26	89.32	89.32	89.32	89.32	89.32	89.32
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	26.40	26.40	30.18	28.29	28.29	28.29	30.18	26.40
<b>C. Bacteriological Test Results :</b>											
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: ACTION AREA - I, O.H.R – VI

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

Date of Testing: 12.06.2026

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 /1/C/70	CE-133	CE-173	CE /1/C/52	CE /1/C/43
<b>A. Physico - chemical Test Results:</b>										
1	pH Value.	6.5-8.5	6.5-8.5	7.88	7.89	7.90	7.93	7.97	7.96	7.97
2	Temperature (degree C)	----	----	26.8	26.8	26.7	26.7	26.7	26.6	26.6
3	Total Dissolved Solid (mg/L)	500.00	2000.00	204	205	206	208	204	209	207
4	Turbidity (NTU)	1.00	5.00	0.52	0.66	0.69	0.90	0.51	0.76	0.53
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.4	0.2	0.2	0.3	0.3	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>										
7	Total Hardness (mg/L)	200.00	600.00	116	116	120	124	124	124	124
8	Total Alkalinity (mg/L)	200.00	600.00	89.32	85.26	89.32	85.26	89.32	89.32	85.26

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

Date of Testing: 12.06.2026

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/1/C/28	AI-97	AI/153/24	AI-180	AL/1/C/6	AL/1/C/20
<b>A. Physico-chemical Test Results :</b>											
1	pH Value.	6.5-8.5	6.5-8.5	7.93	7.90	7.80	7.83	7.86	7.87	7.86	7.88
2	Temperature(degree C)	----	----	26.6	26.6	26.6	26.6	26.6	26.5	26.5	26.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	202	203	205	203	205	205	203	205
4	Turbidity, (NTU)	1.00	5.00	0.83	0.67	0.64	0.62	0.65	0.61	0.63	0.74
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.6	0.3	0.3	0.4	0.4	0.3	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results :</b>											
7	Total Hardness, (mg/L)	200.00	600.00	116	120	124	120	124	124	124	124
8	Total Alkalinity, (mg/L)	200.00	600.00	81.20	89.32	85.26	89.32	89.32	85.26	85.26	89.32

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

Date of Testing: 15.06.2026

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	CHITTARANJAN NATIONAL CANCER INSTITUTE
<b>A. Physico-chemical Test Results:</b>							
1	pH Value.	6.5-8.5	6.5-8.5	7.86	7.85	7.93	7.96
2	Temperature(degree C)	----	----	25.9	26.1	26.5	26.5
3	Total Dissolved Solid(mg/L)	500.00	2000.00	245	242	240	247
4	Turbidity, (NTU)	1.00	5.00	0.80	0.83	0.62	0.83
5	Residual Free Chlorine(mg/L)	0.20	1.00	0.8	0.4	0.3	0.4
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>							
7	Total Hardness, (mg/L)	200.00	600.00	112.78	120.84	120.84	120.84
8	Total Alkalinity, (mg/L)	200.00	600.00	94.30	90.20	90.20	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 – I, O.H.R – IX  
Sub. : Water Testing (Physico-chemical & Chemical)

Date of Testing: 15.06.2026

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	VGM TOWER
<b>A. Physico-chemical Test Results:</b>								
1	pH Value.	6.5-8.5	6.5-8.5	7.95	7.97	7.97	7.95	7.96
2	Temperature(degree C)	----	----	25.6	26.0	26.6	26.4	26.4
3	Total Dissolved Solid. (mg/L)	500.00	2000.00	235	231	241	235	241
4	Turbidity, (NTU)	1.00	5.00	0.95	0.98	0.87	0.89	0.82
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.3	0.3	0.2	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>								
7	Total Hardness, (mg/L)	200.00	600.00	120.84	120.84	120.84	120.84	120.84
8	Total Alkalinity, (mg/L)	200.00	600.00	90.20	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: ACTION AREA-I, O.H.R - I

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

Date of Testing: 16.06.2026

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	AC-190	AC-55	AC-16
<b>A. Physico-chemical Test Results:</b>									
1	pH Value.	6.5-8.5	6.5-8.5	7.92	7.91	7.89	7.95	7.94	7.95
2	Temperature (degree C)	----	----	26.8	26.7	26.5	26.5	26.5	26.6
3	Total Dissolved Solid (mg/L)	500.00	2000.00	241	240	248	249	249	243
4	Turbidity (NTU)	1.00	5.00	0.68	0.52	0.76	0.59	0.74	0.64
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.4	0.3	0.2	0.2	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>									
7	Total Hardness (mg/L)	200.00	600.00	120.84	120.84	124.86	120.84	120.84	124.86
8	Total Alkalinity (mg/L)	200.00	600.00	94.30	94.30	94.30	98.40	94.30	98.30
19	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	26.20	28.07	28.07	28.07	26.20	26.20
<b>C. Bacteriological Test Results :</b>									
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  
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: 16.06.2026

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.	BD-86	BF-75	BB-50	SNEHODIYA
<b>A. Physico-chemical Test Results:</b>									
1	pH Value.	6.5-8.5	6.5-8.5	7.91	7.92	7.87	7.90	7.93	7.95
2	Temperature (degree C)	----	----	26.8	26.7	26.5	26.5	26.6	26.6
3	Total Dissolved Solid (mg/L)	500.00	2000.00	249	251	246	243	245	245
4	Turbidity (NTU)	1.00	5.00	0.85	0.64	0.70	0.58	0.69	0.97
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.4	0.2	0.3	0.3	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>									
7	Total Hardness (mg/L)	200.00	600.00	120.84	120.84	120.84	120.84	120.84	120.84
8	Total Alkalinity (mg/L)	200.00	600.00	94.30	94.30	98.40	98.40	98.40	98.40
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	26.20	26.20	28.07	26.20	28.07	28.07
<b>C. Bacteriological Test Results:</b>									
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  
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 – V**

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

Date of Testing: 17.06.2026

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-40	CA-246	CA-27	CB-41	CB-18	CA-81
<b>A. Physico - chemical Test Results:</b>											
1	pH Value.	6.5-8.5	6.5-8.5	7.96	7.97	7.96	7.97	7.98	7.97	7.98	7.96
2	Temperature(degree C)	----	----	26.8	26.3	26.4	26.4	26.4	26.3	26.3	26.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	225	226	226	226	221	225	226	225
4	Turbidity (NTU)	1.00	5.00	0.57	0.75	0.77	0.72	0.68	0.86	0.76	0.83
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.6	0.3	0.2	0.4	0.2	0.3	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>											
7	Total Hardness (mg/L)	200.00	600.00	120.84	124.86	120.84	120.84	120.84	116.81	120.84	120.84
8	Total Alkalinity (mg/L)	200.00	600.00	102.50	98.40	98.40	98.40	98.40	98.40	94.30	98.40

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: ACTION AREA -I, O.H.R – II**

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

**Date of Testing: 17.06.2026**

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-97	AB-72	AB-13
<b>A. Physico-chemical Test Results:</b>									
1	pH Value.	6.5-8.5	6.5-8.5	7.80	7.98	7.97	7.98	7.96	7.95
2	Temperature(degree C)	----	----	26.0	26.1	26.1	26.1	26.3	26.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	232	225	243	222	224	218
4	Turbidity (NTU)	1.00	5.00	0.70	0.69	0.68	0.55	0.73	0.70
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.4	0.2	0.3	0.2	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>									
7	Total Hardness (mg/L)	200.00	600.00	124.86	124.86	120.84	120.84	120.84	120.84
8	Total Alkalinity (mg/L)	200.00	600.00	94.30	98.40	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: ACTION AREA - I, O.H.R – VI

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

Date of Testing: 18.06.2026

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/70	CE-133	CE-173	CE /I/C/52	CE /I/C/197	NBCC
<b>A. Physico - chemical Test Results:</b>											
1	pH Value.	6.5-8.5	6.5-8.5	7.91	7.94	7.98	7.97	7.96	7.97	7.98	7.97
2	Temperature (degree C)	----	----	26.8	26.7	26.4	26.4	26.4	26.5	26.5	26.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	219	219	221	219	214	218	222	220
4	Turbidity (NTU)	1.00	5.00	0.63	0.65	0.75	0.76	0.64	0.77	0.84	0.87
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.4	0.1	0.2	0.1	0.2	0.1	0.1
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>											
7	Total Hardness (mg/L)	200.00	600.00	124.86	120.84	124.86	120.84	124.86	124.86	120.84	120.84
8	Total Alkalinity (mg/L)	200.00	600.00	94.30	90.20	94.30	94.30	94.30	94.30	94.30	98.40

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

Date of Testing: 19.06.2026

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.	SNEHODIYA	BB-109	BB-50	BD-86	BF-75	BC-92
<b>A. Physico-chemical Test Results:</b>											
1	pH Value.	6.5-8.5	6.5-8.5	7.59	7.78	7.88	7.93	7.98	7.99	7.97	7.98
2	Temperature (degree C)	----	----	25.5	25.7	26.2	26.2	26.2	26.2	26.0	26.0
3	Total Dissolved Solid (mg/L)	500.00	2000.00	232	219	233	223	221	224	221	223
4	Turbidity (NTU)	1.00	5.00	0.78	0.64	0.71	0.65	0.67	0.74	0.77	0.86
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.8	0.6	0.4	0.3	0.3	0.2	0.4	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>											
7	Total Hardness (mg/L)	200.00	600.00	124.86	120.84	120.84	120.84	120.84	120.84	120.84	120.84
8	Total Alkalinity (mg/L)	200.00	600.00	90.20	86.10	94.30	94.30	94.30	94.30	90.20	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 – I, O.H.R – III**  
**Sub. : Water Testing (Physico-chemical, Chemical & Bacteriological)**

Date of Testing: 25.06.2026

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	AL/1/C/40	AL/1/C/28	AI-197	AI/153/24	AL-180	AI/153/18
<b>A. Physico-chemical Test Results :</b>											
1	pH Value.	6.5-8.5	6.5-8.5	7.75	7.95	7.96	7.97	7.98	7.97	7.98	7.96
2	Temperature(degree C)	----	----	26.4	26.7	26.0	26.0	26.0	25.8	25.8	25.8
3	Total Dissolved Solid (mg/L)	500.00	2000.00	204	204	205	203	202	202	202	202
4	Turbidity, (NTU)	1.00	5.00	0.72	0.93	0.88	0.93	0.87	0.98	0.90	0.98
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.6	0.3	0.4	0.3	0.2	0.2	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results :</b>											
7	Total Hardness, (mg/L)	200.00	600.00	120.84	116.81	124.86	124.86	128.89	128.89	128.89	124.86
8	Total Alkalinity, (mg/L)	200.00	600.00	82.00	82.00	90.20	90.20	90.20	90.20	90.20	94.30
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	24.33	24.33	24.33	26.20	24.33	26.20	26.20	26.20
<b>C. Bacteriological Test Results:</b>											
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, NF- 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**

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

**Date of Testing: 29.06.2026**

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
<b>A. Physico-chemical Test Results:</b>						
1	pH Value.	6.5-8.5	6.5-8.5	7.81	7.84	7.88
2	Temperature (degree C)	----	----	26.5	26.5	26.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	170.8	173.2	167.7
4	Turbidity (NTU)	1.00	5.00	0.71	0.65	0.63
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.2	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>						
7	Total Hardness (mg/L)	200.00	600.00	120.84	116.81	116.81
8	Total Alkalinity (mg/L)	200.00	600.00	86.10	90.20	94.30
9	Iron (as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	26.20	28.07	29.95
<b>C. Bacteriological Test Results :</b>						
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.

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 – VII**

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

**Date of Testing: 29.06.2026**

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-187	DC-248	DC-210
<b>A. Physico-chemical Test Results:</b>									
1	pH Value.	6.5-8.5	6.5-8.5	7.91	7.90	7.91	7.90	7.93	7.94
2	Temperature (degree C)	----	----	26.5	26.6	26.6	26.6	26.6	26.6
3	Total Dissolved Solid.	500.00	2000.00	171.1	169.9	167.8	169.3	170.5	169.9
4	Turbidity, (NTU)	1.00	5.00	0.72	0.56	0.62	0.76	0.58	0.73
5	Residual Free Chlorine	0.20	1.00	0.2	0.4	0.4	0.3	0.2	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>									
7	Total Hardness, (mg/L)	200.00	600.00	120.84	120.84	116.81	116.81	116.81	116.81
8	Total Alkalinity, (mg/L)	200.00	600.00	94.30	86.10	94.30	94.30	94.30	94.30
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	26.20	28.08	28.08	28.08	28.08	28.08
<b>C .Bacteriological Test Results :</b>									
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  
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 – VIII**  
**Sub.: Water Testing (Physico-chemical, Chemical & Bacteriological)**

Date of Testing: 29.06.2026

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
<b>A. Physico-chemical Test Results:</b>									
1	pH Value.	6.5-8.5	6.5-8.5	7.91	7.85	7.97	7.98	7.98	7.97
2	Temperature (degree C)	----	----	26.4	26.5	26.6	26.6	26.6	26.6
3	Total Dissolved Solid.	500.00	2000.00	174.3	171.1	170.1	169.7	171.3	173.7
4	Turbidity (NTU)	1.00	5.00	0.57	0.62	0.82	0.63	0.67	0.94
5	Residual Free Chlorine	0.20	1.00	0.4	0.4	0.2	0.3	0.3	0.4
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>									
7	Total Hardness. (mg/L)	200.00	600.00	112.78	120.84	112.78	112.78	112.78	112.78
8	Total Alkalinity. (mg/L)	200.00	600.00	94.30	94.30	98.40	98.40	98.40	98.40
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	28.08	28.08	29.95	29.95	29.95	29.95
<b>C .Bacteriological Test Results :</b>									
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  
NTKD - I P.H.E. Dte.

**ACTION AREA – II**  
**(JUNE' 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 – IIG, O.H.R – 18**

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

**Date of Testing: 02.06.2026**

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.
<b>A. Physico-chemical Test Results:</b>					
1	pH Value.	6.5-8.5	6.5-8.5	7.75	7.88
2	Temperature (degree C)	----	----	26.6	26.6
3	Total Dissolved Solid (mg/L)	500.00	2000.00	199.7	197.8
4	Turbidity (NTU)	1.00	5.00	0.82	0.97
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.6	0.4
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>					
7	Total Hardness (mg/L)	200.00	600.00	124	124
8	Total Alkalinity (mg/L)	200.00	600.00	97.44	97.44
9	Iron(as Fe) (mg/L)	1.0	No Relaxation	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	30.18	30.18
<b>C. Bacteriological Test Results:</b>					
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 – IIC, O.H.R – 13

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

Date of Testing: 03.06.2026

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
<b>A. Physico-chemical Test Results:</b>										
1	pH Value.	6.5-8.5	6.5-8.5	7.95	7.94	7.97	7.98	7.96	7.97	7.96
2	Temperature (degree C)	----	----	26.4	26.4	26.3	26.3	26.2	26.2	26.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	192.6	191.8	194.5	190.6	189.7	191.7	191.6
4	Turbidity (NTU)	1.00	5.00	0.94	0.92	0.80	0.89	0.95	0.89	0.98
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>B. Chemical Test Results:</b>										
7	Total Hardness (mg/L)	200.00	600.00	120	120	124	124	124	124	124
8	Total Alkalinity (mg/L)	200.00	600.00	97.44	93.38	97.44	101.50	105.56	97.44	97.44

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: 03.06.2026

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
<b>A. Physico-Chemical Test Results:</b>							
1	pH Value.	6.5-8.5	6.5-8.5	7.98	7.92	7.95	7.96
2	Temperature (degree C)	----	----	26.0	25.5	26.2	26.2
3	Total Dissolved Solid (mg/L)	500.00	2000.00	192.3	193.5	193.3	191.6
4	Turbidity (NTU)	1.00	5.00	0.95	0.91	0.90	0.86
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>B. Chemical Test Results:</b>							
7	Total Hardness (mg/L)	200.00	600.00	120	120	124	124
8	Total Alkalinity (mg/L)	200.00	600.00	93.38	93.38	97.44	97.44

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: 03.06.2026

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
<b>A. Physico-chemical Test Results:</b>						
1	pH Value.	6.5-8.5	6.5-8.5	7.92	7.91	7.98
2	Temperature (degree C)	----	----	25.6	26.2	26.2
3	Total Dissolved Solid (mg/L)	500.00	2000.00	192.3	193.2	191.9
4	Turbidity (NTU)	1.00	5.00	0.79	0.94	0.80
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.4	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>						
7	Total Hardness (mg/L)	200.00	600.00	120	120	120
8	Total Alkalinity (mg/L)	200.00	600.00	93.38	93.38	97.44

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)**

**Date of Testing: 10.06.2026**

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
<b>A. Physico-chemical Test Results:</b>						
1	pH Value.	6.5-8.5	6.5-8.5	7.91	7.94	7.94
2	Temperature (degree C)	----	----	26.8	26.8	26.6
3	Total Dissolved Solid (mg/L)	500.00	2000.00	233	240	241
4	Turbidity (NTU)	1.00	5.00	0.58	0.66	0.71
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.6	0.3	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>						
7	Total Hardness (mg/L)	200.00	600.00	120	120	120
8	Total Alkalinity (mg/L)	200.00	600.00	93.38	93.38	93.38

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: 10.06.2026

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
<b>A. Physico-chemical Test Results:</b>											
1	pH Value.	6.5 to 8.5	6.5 to 8.5	7.85	7.81	7.85	7.86	7.89	7.92	7.95	7.96
2	Temperature (degree C)	----	----	26.5	26.6	26.5	26.5	26.5	26.5	26.6	26.6
3	Total Dissolved Solid (mg/L)	500	2000	237	240	238	242	245	245	240	246
4	Turbidity (NTU)	1.00	5.00	0.65	0.66	0.60	0.79	0.92	0.69	0.85	0.91
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.2	0.3	0.2	0.3	0.2	0.2	0.3	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>											
7	Total Hardness (mg/L)	200.00	600.00	120	120	120	124	124	124	124	120
8	Total Alkalinity (mg/L)	200.00	600.00	93.38	93.38	97.44	97.44	97.44	93.38	93.38	97.44

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 – IIG, O.H.R – 18  
Sub. : Water Testing (Physico-chemical & Chemical)**

**Date of Testing: 15.06.2026**

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.
<b>A. Physico-chemical Test Results:</b>					
1	pH Value.	6.5-8.5	6.5-8.5	7.97	7.96
2	Temperature (degree C)	----	----	26.0	25.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	232	234
4	Turbidity (NTU)	1.00	5.00	0.82	0.90
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.1
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>					
7	Total Hardness (mg/L)	200.00	600.00	120.84	120.84
8	Total Alkalinity (mg/L)	200.00	600.00	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: 22.06.2026**

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
<b>A. Physico-chemical Test Results:</b>										
1	pH Value.	6.5-8.5	6.5-8.5	7.86	7.96	7.84	7.86	7.93	7.96	7.98
2	Temperature (degree C)	----	----	25.1	25.5	26.3	26.3	26.3	26.4	26.4
3	Total Dissolved Solid (mg/L)	500.00	2000.00	215	210	210	216	209	212	212
4	Turbidity (NTU)	1.00	5.00	0.78	0.85	0.82	0.84	0.88	0.97	0.90
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.3	0.1	0.2	0.1	0.1	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>										
7	Total Hardness (mg/L)	200.00	600.00	120.84	120.84	120.84	120.84	124.86	124.86	124.86
8	Total Alkalinity (mg/L)	200.00	600.00	82.00	86.10	90.20	94.30	94.30	94.30	90.20
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	24.33	26.20	26.20	24.33	26.20	26.20	26.20
<b>C. Bacteriological Test Results:</b>										
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 – IID, O.H.R – 11

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

Date of Testing: 22.06.2026

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	GREENWOOD SONATA
<b>A. Physico-Chemical Test Results:</b>							
1	pH Value.	6.5-8.5	6.5-8.5	7.91	7.95	7.99	7.97
2	Temperature (degree C)	----	----	25.6	25.6	26.5	26.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	213	215	210	208
4	Turbidity (NTU)	1.00	5.00	0.70	0.76	0.85	0.76
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.3	0.2	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>							
7	Total Hardness (mg/L)	200.00	600.00	120.84	120.84	124.86	120.84
8	Total Alkalinity (mg/L)	200.00	600.00	82.00	82.00	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	26.20	26.20	26.20	24.33
<b>C. Bacteriological Test Results:</b>							
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 – II D, O.H.R – 12

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

Date of Testing: 22.06.2026

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
<b>A. Physico-chemical Test Results:</b>						
1	pH Value.	6.5-8.5	6.5-8.5	7.93	7.92	7.98
2	Temperature (degree C)	----	----	25.8	25.9	26.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	208	209	210
4	Turbidity (NTU)	1.00	5.00	0.92	0.96	0.93
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.4	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>						
7	Total Hardness (mg/L)	200.00	600.00	120.84	120.84	120.84
8	Total Alkalinity (mg/L)	200.00	600.00	86.10	86.10	90.20
9	Iron(as Fe) (mg/L)	1.0	No Relaxation	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	26.20	24.33	24.33
<b>C. Bacteriological Test Results:</b>						
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 A, O.H.R – 17**  
**Sub. : Water Testing (Physico-chemical & Chemical)**

Date of Testing: 24.06.2026

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
<b>A. Physico-chemical Test Results:</b>						
1	pH Value.	6.5-8.5	6.5-8.5	7.87	7.90	7.96
2	Temperature (degree C)	----	----	26.9	26.8	26.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	210	210	257
4	Turbidity (NTU)	1.00	5.00	0.59	0.84	0.80
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.8	0.3	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>						
7	Total Hardness (mg/L)	200.00	600.00	116.81	120.84	120.84
8	Total Alkalinity (mg/L)	200.00	600.00	98.40	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 B, O.H.R – 15**  
**Sub. : Water Testing (Physico-chemical & Chemical)**

Date of Testing: 24.06.2026

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
<b>A. Physico-chemical Test Results:</b>											
1	pH Value.	6.5 to 8.5	6.5 to 8.5	7.67	7.81	7.74	7.80	7.83	7.90	7.92	7.96
2	Temperature (degree C)	----	----	26.8	26.8	26.6	26.6	26.5	26.5	26.5	26.5
3	Total Dissolved Solid (mg/L)	500	2000	206	210	262	263	258	256	259	257
4	Turbidity (NTU)	1.00	5.00	0.80	0.95	0.85	0.83	0.64	0.77	0.95	0.81
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.4	0.2	0.3	0.2	0.2	0.3	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>											
7	Total Hardness (mg/L)	200.00	600.00	120.84	120.84	120.84	116.81	120.84	116.81	120.84	116.81
8	Total Alkalinity (mg/L)	200.00	600.00	82.00	86.10	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.