

**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  
JULY' 2025**

**ACTION AREA – I**  
**(JULY' 2025)**

**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: 02.07.2025**

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	7.94	7.92
2	Temperature (degree C)	----	----	26.3	26.3	26.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	144.0	142.1	145.1
4	Turbidity (NTU)	1.00	5.00	0.83	0.91	0.97
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.1	0.1
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>						
7	Total Hardness (mg/L)	200.00	600.00	108.95	108.95	108.95
8	Total Alkalinity (mg/L)	200.00	600.00	99.36	103.68	103.68
9	Iron (as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	20.74	20.74	20.74
<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.

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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 – VII**

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

**Date of Testing: 02.07.2025**

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	DF - 94	DC-248	DC-187
<b>A. Physico-chemical Test Results:</b>									
1	pH Value.	6.5-8.5	6.5-8.5	7.93	7.96	7.95	7.93	7.94	7.96
2	Temperature (degree C)	----	----	26.4	26.4	26.3	26.3	26.3	26.3
3	Total Dissolved Solid.	500.00	2000.00	144.9	143.2	144.7	142.4	143.4	142.5
4	Turbidity, (NTU)	1.00	5.00	0.70	0.97	0.96	0.95	0.94	0.96
5	Residual Free Chlorine	0.20	1.00	0.1	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	108.95	108.95	108.95	112.84	112.84	112.84
8	Total Alkalinity, (mg/L)	200.00	600.00	103.68	99.36	99.36	99.36	99.36	99.36
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	20.75	20.75	22.63	22.63	22.63	22.63
<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.**

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**NEW TOWN, RAJARHAT, KOLKATA - 700 163**

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

Date of Testing: 02.07.2025

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-23	DA-88	DC-43
<b>A. Physico-chemical Test Results:</b>									
1	pH Value.	6.5-8.5	6.5-8.5	7.91	7.90	7.89	7.87	7.90	7.88
2	Temperature (degree C)	----	----	26.2	26.2	26.2	26.2	26.3	26.3
3	Total Dissolved Solid.	500.00	2000.00	142.5	143.2	143.4	144.8	143.1	142.9
4	Turbidity (NTU)	1.00	5.00	0.64	0.61	0.76	0.71	0.64	0.66
5	Residual Free Chlorine	0.20	1.00	0.4	0.4	0.1	0.2	0.3	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	108.95	108.95	112.84	116.73	112.84	116.73
8	Total Alkalinity. (mg/L)	200.00	600.00	99.36	99.36	99.36	99.36	99.36	99.36
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	22.63	20.75	22.63	22.63	22.63	22.63
<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.

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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)**

**Date of Testing: 04.07.2025**

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	BA-120	AB-72	AB-13	AE-65
<b>A. Physico-chemical Test Results:</b>										
1	pH Value.	6.5-8.5	6.5-8.5	7.73	7.76	7.75	7.79	7.81	7.80	7.81
2	Temperature (degree C)	----	----	26.3	26.3	26.3	26.4	26.4	26.4	26.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	141.7	142.6	142.1	141.1	139.9	141.1	140.0
4	Turbidity (NTU)	1.00	5.00	0.55	0.51	0.62	0.72	0.76	0.74	0.65
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.6	0.3	0.2	0.2	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	112.84	108.95	116.74	116.74	116.74	112.84	112.84
8	Total Alkalinity (mg/L)	200.00	600.00	99.36	103.68	108.00	108.00	99.36	99.36	99.36

**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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**TEST REPORT: ACTION AREA -I, O.H.R - IV**

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

**Date of Testing: 04.07.2025**

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.	SENIOR CITIZEN PARK	BE-17	BB-50	BC-105	BC-146	BB-107
<b>A. Physico-chemical Test Results:</b>											
1	pH Value.	6.5-8.5	6.5-8.5	7.80	7.81	7.79	7.77	7.76	7.77	7.78	7.77
2	Temperature (degree C)	----	----	26.2	26.2	26.3	26.3	26.3	26.2	26.2	26.2
3	Total Dissolved Solid (mg/L)	500.00	2000.00	140.8	140.4	139.5	140.0	139.7	141.5	139.7	139.9
4	Turbidity (NTU)	1.00	5.00	0.78	0.80	0.74	0.76	0.61	0.73	0.81	0.65
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.8	0.6	0.4	0.2	0.3	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	108.95	112.84	112.84	116.74	116.74	112.84	112.84	112.84
8	Total Alkalinity (mg/L)	200.00	600.00	99.36	95.04	99.36	103.68	99.36	99.36	99.36	103.68

**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 – V**

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

**Date of Testing: 07.07.2025**

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.	CC-201	CD-125	CA-81	CB-08	CA-35
<b>A. Physico - chemical Test Results:</b>										
1	pH Value.	6.5-8.5	6.5-8.5	7.84	7.87	7.89	7.88	7.87	7.88	7.89
2	Temperature(degree C)	----	----	26.4	26.4	26.4	26.4	26.3	26.3	26.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	148.9	149.5	149.1	149.1	149.5	149.1	148.8
4	Turbidity (NTU)	1.00	5.00	0.85	0.86	0.70	0.84	0.79	0.81	0.86
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.4	0.1	0.2	0.4	0.2	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	112.84	108.95	108.95	112.84	112.84	105.06	105.06
8	Total Alkalinity (mg/L)	200.00	600.00	95.04	95.04	90.72	95.04	90.72	95.04	90.72

**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: 07.07.2025**

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/153/23	AL/1/C/40	AI/153/18	AI-54	AI-68
<b>A. Physico-chemical Test Results :</b>											
1	pH Value.	6.5-8.5	6.5-8.5	7.62	7.65	7.71	7.75	7.76	7.82	7.83	7.85
2	Temperature(degree C)	----	----	26.2	26.2	26.3	26.3	26.3	26.4	26.4	26.4
3	Total Dissolved Solid (mg/L)	500.00	2000.00	152.2	151.0	149.5	150.1	149.1	149.1	149.7	149.6
4	Turbidity, (NTU)	1.00	5.00	0.78	0.68	0.80	0.83	0.86	0.75	0.76	0.74
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.4	0.3	0.3	0.2	0.2	0.2	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	108.95	112.84	105.06	108.95	105.06	108.95	105.06	108.95
8	Total Alkalinity, (mg/L)	200.00	600.00	95.04	95.04	95.04	90.72	90.72	95.04	95.04	95.04

**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  
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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: 08.07.2025**

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	BA-120	AB-72	AB-13	AE-80	AE-57
<b>A. Physico-chemical Test Results:</b>											
1	pH Value.	6.5-8.5	6.5-8.5	7.73	7.79	7.83	7.82	7.84	7.86	7.88	7.91
2	Temperature(degree C)	----	----	26.2	26.2	26.2	26.2	26.2	26.2	26.3	26.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	147.0	148.0	145.8	144.9	145.5	145.1	144.6	145.0
4	Turbidity (NTU)	1.00	5.00	0.78	0.77	0.79	0.65	0.68	0.70	0.69	0.65
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.4	0.2	0.1	0.2	0.3	0.3	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	105.06	108.95	105.06	105.06	108.95	108.95	108.95	108.95
8	Total Alkalinity (mg/L)	200.00	600.00	90.72	90.72	90.72	90.72	90.72	90.72	90.72	90.72
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	20.74	22.63	22.63	22.63	22.63	22.63	22.63	22.63
<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.

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**DIRECTORATE OF PUBLIC HEALTH ENGINEERING**  
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**ADMINISTRATIVE BUILDING, WATER TREATMENT PLANT SITE, NEAR TANK NO-I**  
**NEW TOWN, RAJARHAT, KOLKATA – 700 163**

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

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

**Date of Testing: 09.07.2025**

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/97	CE -74	CE-197	CE/1/C/52	CE/1/C/46	CE-173
<b>A. Physico - chemical Test Results:</b>												
1	pH Value.	6.5-8.5	6.5-8.5	7.71	7.79	7.77	7.76	7.79	7.80	7.81	7.83	7.82
2	Temperature (degree C)	----	----	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	147.9	145.8	145.2	148.3	148.6	148.2	147.5	146.7	145.6
4	Turbidity (NTU)	1.00	5.00	0.79	0.67	0.81	0.81	0.79	0.86	0.81	0.78	0.95
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.4	0.3	0.3	0.2	0.2	0.3	0.2	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable

**B. Chemical Test Results:**

7	Total Hardness (mg/L)	200.00	600.00	105.06	108.95	105.06	105.06	105.06	108.95	105.06	105.06	108.95
8	Total Alkalinity (mg/L)	200.00	600.00	90.72	90.72	86.40	86.40	90.72	90.72	90.72	90.72	90.72

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

**TEST REPORT: ACTION AREA -I, O.H.R - IV**

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

**Date of Testing: 10.07.2025**

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.	SENIOR CITIZEN PARK	BC-105	BB-50	BC-105	SNEHODIYA	BD-88
<b>A. Physico-chemical Test Results:</b>											
1	pH Value.	6.5-8.5	6.5-8.5	7.71	7.74	7.81	7.83	7.87	7.88	7.90	7.93
2	Temperature (degree C)	----	----	26.4	26.4	26.4	26.4	26.3	26.3	26.3	26.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	144.3	146.0	146.0	145.0	144.4	144.0	143.3	142.6
4	Turbidity (NTU)	1.00	5.00	0.82	0.90	0.82	0.75	0.73	0.78	0.83	0.88
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.4	0.3	0.2	0.2	0.3	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	108.95	108.95	105.06	105.06	108.95	108.95	108.95	108.95
8	Total Alkalinity (mg/L)	200.00	600.00	90.72	86.40	95.04	90.72	95.04	86.40	86.40	86.40
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	24.51	22.63	24.51	22.63	22.63	22.63	22.63	22.63
<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, O.H.R - I**

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

**Date of Testing: 11.07.2025**

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 - 17	AA- 05	AC-107	AC-170	AD-25	AD-26	AA-03
<b>A. Physico-chemical Test Results:</b>												
1	pH Value.	6.5-8.5	6.5-8.5	7.75	7.77	7.79	7.81	7.83	7.82	7.80	7.81	7.78
2	Temperature (degree C)	----	----	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
3	Total Dissolved Solid (mg/L)	500.00	2000.00	157.5	158.1	158.6	157.1	156.9	156.8	157.5	158.1	156.6
4	Turbidity (NTU)	1.00	5.00	0.90	0.65	0.70	0.79	0.90	0.87	0.92	0.87	0.92
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.6	0.3	0.3	0.3	0.4	0.2	0.3	0.2
6	Odour	Agreeable	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	108.95	108.95	108.95	101.17	108.95	105.06	105.06	108.95	108.95
8	Total Alkalinity (mg/L)	200.00	600.00	86.40	82.08	82.08	90.72	86.40	86.40	90.72	86.40	86.40
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	<0.1
10	Chloride (mg/L)	250.00	1000.00	22.63	22.63	22.63	22.63	22.63	22.63	22.63	22.63	22.63
<b>C. Bacteriological Test Results :</b>												
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	NF	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 – III**  
**Sub. : Water Testing (Physico-chemical & Chemical & Bacteriological)**

**Date of Testing: 14.07.2025**

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/1/B/15	AI/1/C/40	AI/153/18	AL-11	AI-68	AL/1/C/6
<b>A. Physico-chemical Test Results :</b>												
1	pH Value.	6.5-8.5	6.5-8.5	7.70	7.73	7.75	7.76	7.74	7.76	7.79	7.82	7.83
2	Temperature(degree C)	----	----	26.1	26.1	26.1	26.1	26.0	26.0	26.0	26.1	26.1
3	Total Dissolved Solid (mg/L)	500.00	2000.00	156.5	156.6	156.9	156.0	153.7	155.2	155.8	155.2	155.1
4	Turbidity, (NTU)	1.00	5.00	0.85	0.80	0.94	0.73	0.78	0.65	0.57	0.81	0.90
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.4	0.2	0.3	0.2	0.1	0.3	0.3	0.3
6	Odour	Agreeable	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	105.06	101.17	108.95	108.95	108.95	112.84	108.95	108.95	108.95
8	Total Alkalinity, (mg/L)	200.00	600.00	90.72	86.40	90.72	86.40	86.40	86.40	86.40	86.40	86.40
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	<0.1
10	Chloride (mg/L)	250.00	1000.00	22.63	24.51	26.40	26.40	26.40	26.40	26.40	26.40	26.40
<b>C. Bacteriological Test Results:</b>												
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	NF	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 - I**

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

**Date of Testing: 16.07.2025**

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 - 17	AA- 05	AC-107	AC-50	AD-25	AD-190

**A. Physico-chemical Test Results:**

1	pH Value.	6.5-8.5	6.5-8.5	7.78	7.83	7.81	7.82	7.84	7.83	7.85	7.87
2	Temperature (degree C)	----	----	26.2	26.2	26.2	26.2	26.3	26.3	26.4	26.4
3	Total Dissolved Solid (mg/L)	500.00	2000.00	153.1	153.7	151.3	151.0	150.9	150.7	148.6	150.6
4	Turbidity (NTU)	1.00	5.00	0.98	0.96	0.97	0.96	0.96	0.92	0.93	0.94
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.4	0.2	0.2	0.2	0.1	0.2	0.2
6	Odour	Agreeable									

**B. Chemical Test Results:**

7	Total Hardness (mg/L)	200.00	600.00	110.52	106.57	106.57	106.57	106.57	106.57	110.52	106.57
8	Total Alkalinity (mg/L)	200.00	600.00	92.80	92.80	92.80	97.44	92.80	97.44	92.80	92.80

**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 & Bacteriological)**

**Date of Testing: 17.07.2025**

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/97	CE -74	CE-197	CE/1/C/46	CE-173
<b>A. Physico - chemical Test Results:</b>											
1	pH Value.	6.5-8.5	6.5-8.5	7.80	7.71	7.77	7.78	7.82	7.80	7.83	7.82
2	Temperature(degree C)	---	---	26.3	26.3	26.3	26.3	26.4	26.4	26.4	26.4
3	Total Dissolved Solid (mg/L)	500.00	2000.00	157.5	157.9	157.5	158.1	157.0	155.8	157.7	155.8
4	Turbidity (NTU)	1.00	5.00	0.92	0.95	0.98	0.97	0.96	0.95	0.81	0.96
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.4	0.2	0.1	0.1	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	106.57	106.57	106.57	106.57	106.57	106.57	110.52	110.52
8	Total Alkalinity (mg/L)	200.00	600.00	83.52	88.16	78.88	78.88	83.52	83.52	83.52	83.52
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	22.46	22.46	20.58	20.58	22.46	22.46	22.46	22.46
<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: AA – I, O.H.R – X**  
**Sub. : Water Testing (Physico-chemical, Chemical & Bacteriological)**

Date of Testing: 21.07.2025

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	7.85	7.86	7.89	7.90
2	Temperature(degree C)	----	----	26.3	26.2	26.3	26.2
3	Total Dissolved Solid(mg/L)	500.00	2000.00	155.4	155.5	153.0	154.3
4	Turbidity, (NTU)	1.00	5.00	0.98	0.90	0.99	0.95
5	Residual Free Chlorine(mg/L)	0.20	1.00	0.1	0.4	0.2	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	102.62	102.62	102.62	102.62
8	Total Alkalinity, (mg/L)	200.00	600.00	92.80	88.16	102.08	92.80
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	22.46	20.59	22.46	20.59
<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: 21.07.2025**

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	7.70	7.75	7.76	7.80	7.82
2	Temperature(degree C)	----	----	26.1	26.0	26.0	26.2	26.2
3	Total Dissolved Solid. (mg/L)	500.00	2000.00	151.4	152.4	151.3	151.7	151.8
4	Turbidity, (NTU)	1.00	5.00	0.92	0.94	0.98	0.90	0.97
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.4	0.4	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	98.68	98.68	102.62	106.57	102.62
8	Total Alkalinity, (mg/L)	200.00	600.00	92.80	92.80	92.80	97.44	97.44
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	22.46	22.46	22.46	20.59	20.59
<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: AA – I, O.H.R – VII**

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

**Date of Testing: 25.07.2025**

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.	
<b>A. Physico-chemical Test Results:</b>					
1	pH Value.	6.5-8.5	6.5-8.5	7.79	
2	Temperature (degree C)	----	----	24.9	
3	Total Dissolved Solid.	500.00	2000.00	149.5	
4	Turbidity, (NTU)	1.00	5.00	0.90	
5	Residual Free Chlorine	0.20	1.00	2.0	
6	Odour	Agreeable	Agreeable	Agreeable	
<b>B. Chemical Test Results:</b>					
7	Total Hardness, (mg/L)	200.00	600.00	106.57	
8	Total Alkalinity, (mg/L)	200.00	600.00	92.80	

**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: 25.07.2025

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.
<b>A. Physico-chemical Test Results:</b>					
1	pH Value.	6.5-8.5	6.5-8.5	7.78	7.81
2	Temperature(degree C)	----	----	24.8	24.9
3	Total Dissolved Solid(mg/L)	500.00	2000.00	140.8	137.7
4	Turbidity, (NTU)	1.00	5.00	0.96	0.94
5	Residual Free Chlorine(mg/L)	0.20	1.00	0.3	0.4
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>					
7	Total Hardness, (mg/L)	200.00	600.00	106.57	110.52
8	Total Alkalinity, (mg/L)	200.00	600.00	92.80	88.16

**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: 25.07.2025

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.
<b>A. Physico-chemical Test Results:</b>					
1	pH Value.	6.5-8.5	6.5-8.5	7.78	7.82
2	Temperature(degree C)	----	----	24.7	24.9
3	Total Dissolved Solid. (mg/L)	500.00	2000.00	139.0	137.4
4	Turbidity, (NTU)	1.00	5.00	0.95	0.93
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.6
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>					
7	Total Hardness, (mg/L)	200.00	600.00	102.62	102.62
8	Total Alkalinity, (mg/L)	200.00	600.00	92.80	88.16

**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**

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

**Date of Testing: 28.07.2025**

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	DISHA EYE HOSPITAL	AMBUJA NEOTIA	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	7.60	7.67	7.69	7.73	7.75
2	Temperature (degree C)	----	----	26.3	26.3	26.3	26.3	26.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	174.6	174.5	175.8	173.3	173.4
4	Turbidity (NTU)	1.00	5.00	1.23	1.38	1.37	1.73	1.47
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.1	0.1	0.1	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	102.62	94.73	98.68	98.68	98.68
8	Total Alkalinity (mg/L)	200.00	600.00	92.80	92.80	92.80	92.80	92.80

**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: 28.07.2025**

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.	DE-121	DF- 97	DE-107
<b>A. Physico-chemical Test Results:</b>								
1	pH Value.	6.5-8.5	6.5-8.5	7.75	7.80	7.83	7.80	7.83
2	Temperature (degree C)	----	----	26.4	26.4	26.4	26.4	26.4
3	Total Dissolved Solid.	500.00	2000.00	165.5	166.1	165.1	165.2	165.3
4	Turbidity, (NTU)	1.00	5.00	0.94	0.97	1.12	1.13	1.41
5	Residual Free Chlorine	0.20	1.00	0.6	0.6	0.4	0.2	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>								
7	Total Hardness, (mg/L)	200.00	600.00	102.62	106.57	98.68	98.68	98.68
8	Total Alkalinity, (mg/L)	200.00	600.00	92.80	92.80	92.80	92.80	92.80

**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.**

**ACTION AREA – II**  
**(JULY' 2025)**

**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: 03.07.2025**

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	7.87	7.95	7.99	7.90	7.93	7.91	7.94
2	Temperature (degree C)	----	----	26.9	26.7	26.6	26.7	26.5	26.4	26.4
3	Total Dissolved Solid (mg/L)	500.00	2000.00	141.6	142.0	141.3	141.2	140.8	141.1	141.0
4	Turbidity (NTU)	1.00	5.00	0.88	0.90	0.92	0.93	0.96	0.96	0.97
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.4	0.3	0.4	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	108.95	108.95	112.84	112.84	108.95	112.84	112.84
8	Total Alkalinity (mg/L)	200.00	600.00	99.36	103.68	103.68	99.36	103.68	99.36	103.68

**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: 03.07.2025**

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	7.93	7.89	7.92	7.96
2	Temperature (degree C)	----	----	26.4	26.5	26.3	26.6
3	Total Dissolved Solid (mg/L)	500.00	2000.00	140.0	140.5	140.1	140.1
4	Turbidity (NTU)	1.00	5.00	0.96	0.90	0.97	0.92
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.6	0.1	0.4	0.4
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable

**B. Chemical Test Results:**

7	Total Hardness (mg/L)	200.00	600.00	105.06	108.95	112.84	112.84
8	Total Alkalinity (mg/L)	200.00	600.00	95.04	103.68	103.68	103.68

**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: 03.07.2025**

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	7.96	7.98	7.94
2	Temperature (degree C)	----	----	26.5	26.6	26.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	140.7	140.9	140.5
4	Turbidity (NTU)	1.00	5.00	0.91	0.95	0.91
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.3	0.1
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>						
7	Total Hardness (mg/L)	200.00	600.00	108.95	112.84	112.84
8	Total Alkalinity (mg/L)	200.00	600.00	103.68	99.36	99.36

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: 15.07.2025**

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.
<b>A. Physico-chemical Test Results:</b>					
1	pH Value.	6.5-8.5	6.5-8.5	7.91	7.90
2	Temperature (degree C)	----	----	26.9	26.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	153.8	152.9
4	Turbidity (NTU)	1.00	5.00	0.62	0.69
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.1
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>					
7	Total Hardness (mg/L)	200.00	600.00	106.57	102.62
8	Total Alkalinity (mg/L)	200.00	600.00	97.44	92.80
9	Iron (as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	20.59	22.46
<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 – II C, O.H.R – 13**

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

**Date of Testing: 15.07.2025**

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)	
				AA – II C, O.H.R - 13	
				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	7.84	7.96
2	Temperature (degree C)	----	----	26.8	26.8
3	Total Dissolved Solid (mg/L)	500.00	2000.00	153.6	153.8
4	Turbidity (NTU)	1.00	5.00	0.65	0.68
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>					
7	Total Hardness (mg/L)	200.00	600.00	102.62	106.57
8	Total Alkalinity (mg/L)	200.00	600.00	102.08	97.44
9	Iron (as Fe) (mg/L)	1.0	No Relaxation	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	26.20	22.46
<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- OVERHEAD 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: 15.07.2025**

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit (IS 10500-2012)	SOURCE (PHE SUPPLY)		
				AA – II B, O.H.R – 15		
				INLET OF O.H.R.	OUTLET OF O.H.R.	HAPPY STREET
<b>A. Physico-chemical Test Results:</b>						
1	pH Value.	6.5 to 8.5	6.5 to 8.5	7.64	7.89	7.88
2	Temperature (degree C)	----	----	26.9	26.3	26.6
3	Total Dissolved Solid (mg/L)	500	2000	153.5	153.8	152.2
4	Turbidity (NTU)	1.00	5.00	0.63	0.69	0.92
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.6	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>						
7	Total Hardness (mg/L)	200.00	600.00	106.57	102.62	102.62
8	Total Alkalinity (mg/L)	200.00	600.00	102.08	97.44	106.72
9	Iron (as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250	1000	22.46	24.33	22.46
<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 – IIG, O.H.R – 18**

**Sub. : Water Testing (Physico-chemical, Chemical & Bacteriological)      Date of Testing: 21.07.2025**

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	7.84	7.83
2	Temperature (degree C)	----	----	26.3	26.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	152.2	151.3
4	Turbidity (NTU)	1.00	5.00	0.92	0.94
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.1
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>					
7	Total Hardness (mg/L)	200.00	600.00	98.68	98.68
8	Total Alkalinity (mg/L)	200.00	600.00	92.80	92.80
9	Iron(as Fe) (mg/L)	1.0	No Relaxation	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	20.59	22.46
<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 – II A, O.H.R – 17**  
**Sub. : Water Testing (Physico-chemical, Chemical & Bacteriological)**

Date of Testing: 22.07.2025

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)			
				AA – II A, O.H.R – 17			
				INLET OF O.H.R.	OUTLET OF O.H.R.	HAJ TOWER	CBD
<b>A. Physico-chemical Test Results:</b>							
1	pH Value.	6.5-8.5	6.5-8.5	7.83	7.85	7.84	7.85
2	Temperature (degree C)	----	----	26.3	26.3	26.4	26.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	149.9	150.5	149.3	149.9
4	Turbidity (NTU)	1.00	5.00	0.98	0.97	0.96	0.95
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.2	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	102.62	106.57	110.52	102.62
8	Total Alkalinity (mg/L)	200.00	600.00	106.72	102.08	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	22.46	22.46	22.46	22.46
<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 B, O.H.R – 15**  
**Sub. : Water Testing (Physico-chemical, Chemical & Bacteriological)**

Date of Testing: 22.07.2025

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit (IS 10500-2012)	SOURCE (PHE SUPPLY)							
				AA – II B, 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
<b>A. Physico-chemical Test Results:</b>											
1	pH Value.	6.5 to 8.5	6.5 to 8.5	7.82	7.88	7.89	7.88	7.87	7.88	7.87	7.88
2	Temperature (degree C)	----	----	26.4	26.4	26.4	26.4	26.3	26.3	26.3	26.3
3	Total Dissolved Solid (mg/L)	500	2000	151.6	151.8	152.2	154.2	152.0	151.5	105.9	154.4
4	Turbidity (NTU)	1.00	5.00	0.97	0.91	0.99	0.98	0.93	0.96	0.98	0.93
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.4	0.2	0.2	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	106.57	102.62	102.62	106.57	106.57	106.57	106.57	106.57
8	Total Alkalinity (mg/L)	200.00	600.00	102.08	102.08	92.80	92.80	102.08	92.80	92.80	92.80
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	22.46	24.33	22.46	22.46	22.46	22.46	22.46	22.46
<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: AA – II A, O.H.R-17**

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

**Date of Testing: 25.07.2025**

	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)	
				AA – II A, O.H.R-17	
				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	7.77
2	Temperature (degree C)	----	----	24.5	24.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	133.9	134.9
4	Turbidity (NTU)	1.00	5.00	0.98	0.94
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.1
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>					
7	Total Hardness (mg/L)	200.00	600.00	106.57	102.62
8	Total Alkalinity (mg/L)	200.00	600.00	92.80	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.**