

**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 – 700 156**

**WATER QUALITY ANALYSIS REPORT AT DIFFERENT LOCATIONS OF  
NEW TOWN KOLKATA PROJECT, DURING MONTH  
FEBRUARY' 2023**

**ACTION AREA – I**  
**(FEBRUARY' 2023)**

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 – 700 156

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

Date of Testing: 01.02.2023

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	NATIONAL CANCER INSTITUTE CHITTARANJAN
<b>A. Physico-chemical Test Results:</b>							
1	pH Value.	6.5-8.5	6.5-8.5	7.21	7.23	7.22	7.24
2	Temperature(degree C)	----	----	24.8	24.8	24.7	24.7
3	Total Dissolved Solid(mg/L)	500.00	2000.00	202	203	203	203
4	Turbidity, (NTU)	1.00	5.00	1.58	1.13	1.86	1.86
5	Residual Free Chlorine(mg/L)	0.20	1.00	0.6	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	152.46	156.47	156.47	156.47
8	Total Alkalinity, (mg/L)	200.00	600.00	148.50	148.50	148.50	148.50

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  
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ADMINISTRATIVE BUILDING, WATER TREATMENT PLANT SITE, NEAR TANK NO-I  
NEW TOWN, RAJARHAT, KOLKATA – 700 156

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

Date of Testing: 01.02.2023

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	SASTA SUNDAR INNOVATION TOWER
<b>A. Physico-chemical Test Results:</b>								
1	pH Value.	6.5-8.5	6.5-8.5	7.30	7.31	7.30	7.28	7.29
2	Temperature(degree C)	----	----	24.6	24.6	24.6	24.6	24.6
3	Total Dissolved Solid. (mg/L)	500.00	2000.00	203	203	203	203	203
4	Turbidity, (NTU)	1.00	5.00	1.80	1.47	1.75	1.27	1.86
5	Residual Free Chlorine(mg/L)	0.20	1.00	0.4	0.4	0.4	0.3	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	156.47	156.47	156.47	156.47	156.47
8	Total Alkalinity, (mg/L)	200.00	600.00	148.50	148.50	148.50	148.50	148.50

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  
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ADMINISTRATIVE BUILDING, WATER TREATMENT PLANT SITE, NEAR TANK NO-I  
NEW TOWN, RAJARHAT, KOLKATA – 700 156

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

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

Date of Testing: 02.02.2023

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-148	AC-224
<b>A. Physico-chemical Test Results:</b>										
1	pH Value.	6.5-8.5	6.5-8.5	7.37	7.54	7.54	7.56	7.57	7.58	7.59
2	Temperature (degree C)	----	----	23.4	23.4	23.6	23.6	23.7	23.5	23.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	202	202	202	202	202	202	202
4	Turbidity (NTU)	1.00	5.00	1.83	1.48	1.63	1.53	1.84	1.70	1.52
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.4	0.2	0.1	0.4	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	156.47	156.47	156.47	156.47	156.47	156.47	156.47
8	Total Alkalinity (mg/L)	200.00	600.00	148.50	148.50	148.50	148.50	148.50	148.50	148.50
9	Iron(as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	20.90	20.90	20.90	20.90	20.90	20.90	20.90
<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.

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NEW TOWN, RAJARHAT, KOLKATA – 700 156

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

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

Date of Testing: 06.02.2023

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	CC-08	CC-197
<b>A. Physico - chemical Test Results:</b>										
1	pH Value.	6.5-8.5	6.5-8.5	7.61	7.67	7.69	7.70	7.68	7.70	7.73
2	Temperature(degree C)	----	----	24.3	24.3	24.3	24.4	24.5	24.5	24.4
3	Total Dissolved Solid (mg/L)	500.00	2000.00	195.6	196.2	196.3	196.3	196.3	196.1	196.3
4	Turbidity (NTU)	1.00	5.00	1.58	1.96	1.97	1.87	1.74	1.55	1.80
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.6	0.2	0.1	0.4	0.4	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	152.46	152.46	152.46	152.46	152.46	156.47	156.47
8	Total Alkalinity (mg/L)	200.00	600.00	148.50	148.50	148.50	144.00	144.00	148.50	148.50
9	Iron(as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250	1000	20.90	20.90	20.90	20.90	20.90	20.90	20.90
<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.

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**ADMINISTRATIVE BUILDING, WATER TREATMENT PLANT SITE, NEAR TANK NO-I**  
**NEW TOWN, RAJARHAT, KOLKATA – 700 156**

**TEST REPORT: ACTION AREA –I**

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

**Date of Testing: 06.02.2023**

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)			
				HIDCO	ALO EYE CARE	NABADIGANTA SWASTHYA PARISHEBA PVT LTD	DARADIA PAIN HOSPITAL
<b>A. Physico-chemical Test Results:</b>							
1	pH Value.	6.5-8.5	6.5-8.5	7.36	7.48	7.47	7.49
2	Temperature(degree C)	----	----	24.4	24.4	24.3	24.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	197.0	198.3	199.4	197.1
4	Turbidity (NTU)	1.00	5.00	1.82	1.41	1.26	1.27
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	152.46	156.47	156.47	156.47
8	Total Alkalinity (mg/L)	200.00	600.00	148.50	148.50	148.50	148.50
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	20.90	20.90	20.90	20.90
<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

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 – 700 156

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

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

Date of Testing: 09.02.2023

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/48	CE -74
<b>A. Physico - chemical Test Results:</b>								
1	pH Value.	6.5-8.5	6.5-8.5	7.67	7.63	7.70	7.69	7.71
2	Temperature(degree C)	----	----	25.3	25.2	25.3	25.3	25.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	191.0	191.5	191.9	191.6	191.6
4	Turbidity (NTU)	1.00	5.00	1.37	1.54	1.24	1.70	1.85
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.2	0.6	0.4	0.4	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	152.46	152.46	152.46	152.46	156.47
8	Total Alkalinity (mg/L)	200.00	600.00	135.00	135.00	135.00	135.00	130.50
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	20.90	20.90	20.90	20.90	20.90
<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  
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ADMINISTRATIVE BUILDING, WATER TREATMENT PLANT SITE, NEAR TANK NO-I  
NEW TOWN, RAJARHAT, KOLKATA – 700 156

**TEST REPORT: AA – I, O.H.R – VII**

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

**Date of Testing: 10.02.2023**

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	HIDCO BHAWAN	DF-94	DC-248	DC-174
<b>A. Physico-chemical Test Results:</b>										
1	pH Value.	6.5-8.5	6.5-8.5	7.60	7.68	7.70	7.65	7.67	7.69	7.71
2	Temperature(degree C)	----	----	24.5	24.4	24.3	24.7	24.7	24.6	24.6
3	Total Dissolved Solid.	500.00	2000.00	190.2	189.8	190.5	192.5	190.4	190.2	190.4
4	Turbidity, (NTU)	1.00	5.00	1.49	1.30	1.64	1.55	1.42	1.69	1.80
5	Residual Free Chlorine	0.20	1.00	0.3	0.4	0.4	0.1	0.2	0.4	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	152.47	152.47	152.47	156.47	152.47	156.47	152.47
8	Total Alkalinity, (mg/L)	200.00	600.00	126.00	121.50	126.00	126.00	126.00	126.00	126.00

O.H.R. – OVER HEAD RESERVOIR

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

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

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

**GOVERNMENT OF WEST BENGAL  
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NEW TOWN, RAJARHAT, KOLKATA – 700 156**

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

**Date of Testing: 10.02.2023**

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	DB-221	DC-34	DC-44
<b>A. Physico-chemical Test Results:</b>											
1	pH Value.	6.5-8.5	6.5-8.5	7.65	7.69	7.72	7.75	7.73	7.72	7.73	7.74
2	Temperature(degree C)	----	----	24.1	24.0	24.0	24.0	24.0	24.0	24.0	24.3
3	Total Dissolved Solid.	500.00	2000.00	189.2	189.7	190.9	190.3	189.5	190.7	189.5	190.3
4	Turbidity. (NTU)	1.00	5.00	1.78	1.87	1.85	1.67	1.35	1.41	1.77	1.99
5	Residual Free Chlorine	0.20	1.00	0.3	0.3	0.1	0.1	0.3	0.1	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	156.47	152.46	152.46	152.46	152.46	152.46	152.46	152.46
8	Total Alkalinity. (mg/L)	200.00	600.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00

**O.H.R. – OVER HEAD RESERVOIR**

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

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

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

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NEW TOWN, RAJARHAT, KOLKATA – 700 156

TEST REPORT: AA – I, O.H.R – X

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

Date of Testing: 13.02.2023

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	NATIONAL CANCER INSTITUTE CHITTARANJAN
<b>A. Physico-chemical Test Results:</b>							
1	pH Value.	6.5-8.5	6.5-8.5	7.42	7.45	7.45	7.43
2	Temperature(degree C)	----	----	24.4	24.5	24.6	24.6
3	Total Dissolved Solid(mg/L)	500.00	2000.00	188.2	189.1	189.3	189.9
4	Turbidity, (NTU)	1.00	5.00	1.64	1.32	1.04	1.67
5	Residual Free Chlorine(mg/L)	0.20	1.00	0.2	0.2	0.1	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	152.46	152.46	156.47	152.46
8	Total Alkalinity, (mg/L)	200.00	600.00	112.50	112.50	112.50	112.50
9	Iron(as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250	1000	20.90	20.90	20.90	20.90
<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  
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ADMINISTRATIVE BUILDING, WATER TREATMENT PLANT SITE, NEAR TANK NO-I  
NEW TOWN, RAJARHAT, KOLKATA – 700 156

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

Date of Testing: 13.02.2023

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	SASTA SUNDAR INNOVATION TOWER
<b>A. Physico-chemical Test Results:</b>								
1	pH Value.	6.5-8.5	6.5-8.5	7.44	7.43	7.44	7.45	7.46
2	Temperature(degree C)	----	----	24.6	24.6	24.6	24.6	24.7
3	Total Dissolved Solid. (mg/L)	500.00	2000.00	190.4	189.7	189.1	189.2	189.2
4	Turbidity, (NTU)	1.00	5.00	1.41	1.64	1.23	1.06	1.97
5	Residual Free Chlorine(mg/L)	0.20	1.00	0.3	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	156.47	152.47	152.47	152.47	156.47
8	Total Alkalinity, (mg/L)	200.00	600.00	112.50	112.50	112.50	112.50	112.50
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	1000	20.90	20.90	20.90	20.90	20.90
<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 – 700 156**

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

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

**Date of Testing: 15.02.2023**

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	BF-79	BL-87
<b>A. Physico-chemical Test Results:</b>											
1	pH Value.	6.5-8.5	6.5-8.5	7.36	7.40	7.58	7.60	7.62	7.63	7.61	7.64
2	Temperature(degree C)	----	----	24.9	24.8	25.1	25.1	25.1	25.1	25.0	24.9
3	Total Dissolved Solid (mg/L)	500.00	2000.00	191.4	190.8	190.9	190.7	190.9	190.9	190.8	190.8
4	Turbidity (NTU)	1.00	5.00	1.87	1.69	1.95	1.52	1.50	1.98	1.97	1.56
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.6	0.4	0.3	0.2	0.3	0.2	0.3	0.8
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	152.61	148.59	148.59	148.59	152.61	152.61	152.61	152.61
8	Total Alkalinity (mg/L)	200.00	600.00	109.00	109.00	109.00	109.00	113.36	113.36	113.36	113.36

**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 – 700 156

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

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

Date of Testing: 16.02.2023

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	BA - 120	AB-72	AB-13
<b>A. Physico-chemical Test Results:</b>									
1	pH Value.	6.5-8.5	6.5-8.5	7.48	7.53	7.55	7.57	7.56	7.60
2	Temperature(degree C)	----	----	24.9	24.9	24.9	24.9	24.8	24.8
3	Total Dissolved Solid (mg/L)	500.00	2000.00	198.2	198.3	198.6	198.5	198.5	198.4
4	Turbidity (NTU)	1.00	5.00	1.80	1.87	1.89	1.77	1.81	1.83
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.3	0.2	0.2	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	152.61	152.61	152.61	152.61	152.61	152.61
8	Total Alkalinity (mg/L)	200.00	600.00	130.80	139.52	139.52	139.52	139.52	139.52
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	24.70	24.70	22.80	22.80	22.80	22.80
<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 – 700 156

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

Date of Testing: 16.02.2023

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-99	AL/1/C/40	AI/153/18	AI-73
<b>A. Physico-chemical Test Results :</b>										
1	pH Value.	6.5-8.5	6.5-8.5	7.50	7.48	7.50	7.52	7.52	7.55	7.54
2	Temperature(degree C)	----	----	25.0	25.1	24.9	25.1	25.0	25.0	25.0
3	Total Dissolved Solid (mg/L)	500.00	2000.00	198.8	198.7	198.3	198.7	198.6	197.1	199.0
4	Turbidity, (NTU)	1.00	5.00	1.66	1.95	1.51	1.65	1.75	1.71	1.60
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.6	0.6	0.1	0.2	0.3	0.1	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	148.59	152.61	152.61	152.61	148.59	148.59	152.61
8	Total Alkalinity, (mg/L)	200.00	600.00	139.52	139.52	139.52	139.52	139.52	139.52	143.88
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	22.80	24.70	24.70	22.80	22.80	22.80	22.80
<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 – 700 156**

**TEST REPORT: ACTION AREA –I**  
**Sub. :Water Testing (Physico-Chemical & Chemical)**

**Date of Testing: 17.02.2023**

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)			
				HIDCO	ALO EYE CARE	NABADIGANTA SWASTHYA PARISHEBA PVT LTD	DARADIA PAIN HOSPITAL
<b>A. Physico-chemical Test Results:</b>							
1	pH Value.	6.5-8.5	6.5-8.5	7.48	7.49	7.46	7.48
2	Temperature(degree C)	----	----	24.4	24.4	24.4	24.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	199.3	199.3	198.7	199.0
4	Turbidity (NTU)	1.00	5.00	1.56	1.37	1.47	1.37
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	152.61	152.61	152.61	152.61
8	Total Alkalinity (mg/L)	200.00	600.00	139.52	139.52	139.52	139.52

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 – 700 156

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

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

Date of Testing: 21.02.2023

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	AC-48	AA-26
<b>A. Physico-chemical Test Results:</b>											
1	pH Value.	6.5-8.5	6.5-8.5	7.32	7.46	7.51	7.52	7.54	7.54	7.56	7.57
2	Temperature(degree C)	----	----	24.2	24.4	24.5	24.5	25.1	25.1	25.1	24.9
3	Total Dissolved Solid (mg/L)	500.00	2000.00	194.7	195.7	196.8	195.9	196.6	196.0	195.9	196.1
4	Turbidity (NTU)	1.00	5.00	1.79	1.81	1.89	1.91	1.95	1.93	1.98	1.97
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.3	0.2	0.3	0.2	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	148.59	144.58	148.59	144.58	144.58	144.58	144.58	144.58
8	Total Alkalinity (mg/L)	200.00	600.00	139.52	139.52	139.52	139.52	139.52	139.52	139.52	139.52

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 – 700 156

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

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

Date of Testing: 22.02.2023

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-246
<b>A. Physico - chemical Test Results:</b>										
1	pH Value.	6.5-8.5	6.5-8.5	7.45	7.51	7.56	7.59	7.59	7.61	7.65
2	Temperature(degree C)	----	----	24.9	24.9	24.8	24.8	24.8	24.7	24.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	195.7	196.8	196.9	196.5	196.5	196.3	196.6
4	Turbidity (NTU)	1.00	5.00	1.97	1.74	1.74	1.81	1.96	1.80	1.36
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.2	0.4	0.1	0.1	0.3	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	140.56	144.58	144.58	144.58	144.58	140.56	144.58
8	Total Alkalinity (mg/L)	200.00	600.00	135.16	139.52	139.52	139.52	139.52	135.16	139.52
9	Iron(as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250	1000	24.70	26.60	24.70	24.70	24.70	24.70	24.70
<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 – 700 156

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

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

Date of Testing: 22.02.2023

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	SNEHODIYA	BB-50	BE-17	BF-58
<b>A. Physico-chemical Test Results:</b>										
1	pH Value.	6.5-8.5	6.5-8.5	7.60	7.62	7.60	7.60	7.61	7.59	7.63
2	Temperature(degree C)	----	----	24.5	24.5	24.5	24.5	24.5	24.5	24.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	196.1	196.2	196.6	196.6	196.7	196.9	196.7
4	Turbidity (NTU)	1.00	5.00	1.41	1.77	1.89	1.23	1.23	1.73	1.93
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.2	0.4	0.4	0.2	0.3	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	132.53	128.51	132.53	128.51	132.53	132.53	132.53
8	Total Alkalinity (mg/L)	200.00	600.00	139.52	139.52	139.52	139.52	139.52	139.52	139.52
9	Iron(as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	26.60	26.60	26.60	24.70	26.60	26.60	24.70
<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 – 700 156

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

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

Date of Testing: 23.02.2023

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.	AC- 190	AA- 05	AC-107	AC-50
<b>A. Physico-chemical Test Results:</b>									
1	pH Value.	6.5-8.5	6.5-8.5	7.57	7.59	7.61	7.58	7.61	7.59
2	Temperature (degree C)	----	----	25.6	25.6	25.7	25.7	25.7	25.4
3	Total Dissolved Solid (mg/L)	500.00	2000.00	195.7	195.4	195.9	195.7	195.9	195.7
4	Turbidity (NTU)	1.00	5.00	1.70	1.79	1.81	1.74	1.85	1.77
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.4	0.3	0.1	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	144.58	144.58	144.58	144.58	148.59	144.58
8	Total Alkalinity (mg/L)	200.00	600.00	135.16	135.16	135.16	135.16	135.16	135.16
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	24.70	24.70	24.70	24.70	24.70	24.70
<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 – 700 156

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

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

Date of Testing: 23.02.2023

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/48	CE/1/C/50
<b>A. Physico - chemical Test Results:</b>											
1	pH Value.	6.5-8.5	6.5-8.5	7.40	7.46	7.51	7.52	7.54	7.57	7.55	7.57
2	Temperature(degree C)	----	----	25.8	25.6	25.6	25.8	25.9	25.9	26.1	25.9
3	Total Dissolved Solid (mg/L)	500.00	2000.00	195.4	196.4	197.2	197.2	197.7	196.7	197.2	196.4
4	Turbidity (NTU)	1.00	5.00	1.70	1.72	1.89	1.66	1.71	1.76	1.77	1.88
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.4	0.3	0.2	0.3	0.1	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	144.58	148.59	148.59	148.59	148.59	144.58	144.58	144.58
8	Total Alkalinity (mg/L)	200.00	600.00	135.16	135.16	135.16	135.16	135.16	135.16	135.16	135.16
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	24.70	24.70	24.70	24.70	24.70	26.60	24.70	24.70
<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 – 700 156

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

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

**Date of Testing: 24.02.2023**

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-52	AE-65
<b>A. Physico-chemical Test Results:</b>											
1	pH Value.	6.5-8.5	6.5-8.5	7.30	7.39	7.45	7.46	7.47	7.50	7.51	7.53
2	Temperature(degree C)	----	----	25.6	25.9	25.5	25.4	25.3	25.3	25.3	25.2
3	Total Dissolved Solid (mg/L)	500.00	2000.00	194.4	196.3	196.5	196.3	196.1	196.1	195.9	196.0
4	Turbidity (NTU)	1.00	5.00	1.97	1.98	1.74	1.89	1.77	1.76	1.74	1.91
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.4	0.1	0.2	0.2	0.2	0.3	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	144.58	148.59	148.59	148.59	144.58	144.58	140.56	144.58
8	Total Alkalinity (mg/L)	200.00	600.00	139.52	139.52	139.52	139.52	135.16	135.16	135.16	135.16

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.

**ACTION AREA – II**  
**(FEBRUARY' 2023)**

**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 – 700 156**

**TEST REPORT: AA – IIG, O.H.R – 18**

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

**Date of Testing: 01.02.2023**

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.	EDEN COURT
<b>A. Physico-chemical Test Results:</b>						
1	pH Value.	6.5-8.5	6.5-8.5	7.19	7.18	7.20
2	Temperature (degree C)	----	----	24.5	24.5	24.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	204	203	202
4	Turbidity (NTU)	1.00	5.00	1.80	1.82	1.58
5	Residual Free Chlorine (mg/L)	0.20	1.00	1.0	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	156.47	156.47	152.46
8	Total Alkalinity (mg/L)	200.00	600.00	148.50	148.50	148.50

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 – 700 156

**TEST REPORT: AA – II C, O.H.R – 13**

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

Date of Testing: 08.02.2023

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	OUTLET	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	7.56	7.66	7.72	7.72	7.71	7.65	7.69
2	Temperature (degree C)	----	----	25.7	25.7	25.7	25.6	25.6	25.6	25.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	192.7	193.9	192.9	193.1	192.5	192.5	193.7
4	Turbidity (NTU)	1.00	5.00	1.94	1.44	1.87	1.84	1.34	1.94	1.84
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.4	0.1	0.3	0.1	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	152.46	156.47	152.46	156.47	156.47	152.46	152.46
8	Total Alkalinity (mg/L)	200.00	600.00	130.50	135.00	130.50	130.50	135.00	135.00	135.00

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

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

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

GOVERNMENT OF WEST BENGAL  
DIRECTORATE OF PUBLIC HEALTH ENGINEERING  
OFFICE OF THE EXECUTIVE ENGINEER, NEW TOWN KOLKATA WATER SUPPLY DIVISION-I  
ADMINISTRATIVE BUILDING, WATER TREATMENT PLANT SITE, NEAR TANK NO-I  
NEW TOWN, RAJARHAT, KOLKATA – 700 156

**TEST REPORT: AA – IID, O.H.R – 11**

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

Date of Testing: 08.02.2023

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	7.45	7.60	7.59	7.59
2	Temperature (degree C)	----	----	25.4	25.4	25.3	25.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	194.4	193.6	193.5	193.6
4	Turbidity (NTU)	1.00	5.00	1.22	1.53	1.43	1.63
5	Residual Free Chlorine (mg/L)	0.20	1.00	1.0	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	152.46	156.47	152.46	152.46
8	Total Alkalinity (mg/L)	200.00	600.00	135.00	135.00	135.00	135.00

O.H.R. – OVER HEAD RESERVOIR,

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

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

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

GOVERNMENT OF WEST BENGAL  
DIRECTORATE OF PUBLIC HEALTH ENGINEERING  
OFFICE OF THE EXECUTIVE ENGINEER, NEW TOWN KOLKATA WATER SUPPLY DIVISION-I  
ADMINISTRATIVE BUILDING, WATER TREATMENT PLANT SITE, NEAR TANK NO-I  
NEW TOWN, RAJARHAT, KOLKATA – 700 156

TEST REPORT: AA – IID, O.H.R – 12

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

Date of Testing: 08.02.2023

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	SHRACHI GREENWOOD ELEMENT	GREEN FIELD AMBITION
<b>A. Physico-chemical Test Results:</b>							
1	pH Value.	6.5-8.5	6.5-8.5	7.56	7.61	7.59	7.58
2	Temperature (degree C)	----	----	25.3	25.3	25.3	25.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	192.4	192.9	192.9	192.9
4	Turbidity (NTU)	1.00	5.00	1.91	1.48	1.62	1.40
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.6	0.4	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	152.46	156.47	152.46	152.46
8	Total Alkalinity (mg/L)	200.00	600.00	135.00	135.00	135.00	135.00

O.H.R. – OVER HEAD RESERVOIR

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

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

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

**GOVERNMENT OF WEST BENGAL**  
**DIRECTORATE OF PUBLIC HEALTH ENGINEERING**  
**OFFICE OF THE EXECUTIVE ENGINEER, NEW TOWN KOLKATA WATER SUPPLY DIVISION-I**  
**ADMINISTRATIVE BUILDING, WATER TREATMENT PLANT SITE, NEAR TANK NO-I**  
**NEW TOWN, RAJARHAT, KOLKATA – 700 156**

**TEST REPORT: AA – IIG, O.H.R – 18**

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

**Date of Testing: 13.02.2023**

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.	EDEN COURT
<b>A. Physico-chemical Test Results:</b>						
1	pH Value.	6.5-8.5	6.5-8.5	7.27	7.37	7.40
2	Temperature (degree C)	----	----	24.5	24.5	24.5
3	Total Dissolved Solid (mg/L)	500.00	2000.00	190.1	189.1	188.5
4	Turbidity (NTU)	1.00	5.00	1.51	1.46	1.51
5	Residual Free Chlorine (mg/L)	0.20	1.00	1.0	0.2	0.1
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
<b>B. Chemical Test Results:</b>						
7	Total Hardness (mg/L)	200.00	600.00	156.47	156.47	156.47
8	Total Alkalinity (mg/L)	200.00	600.00	112.50	112.50	112.50
9	Iron(as Fe) (mg/L)	1.0	No Relaxation	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	20.90	20.90	20.90
<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 – 700 156

**TEST REPORT: AA – II A, O.H.R-17**

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

**Date of Testing: 17.02.2023**

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
<b>A. Physico-chemical Test Results:</b>						
1	pH Value.	6.5-8.5	6.5-8.5	7.53	7.52	7.55
2	Temperature (degree C)	----	----	24.5	24.5	23.9
3	Total Dissolved Solid (mg/L)	500.00	2000.00	199.0	198.5	198.7
4	Turbidity (NTU)	1.00	5.00	1.74	1.80	1.44
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	148.59	152.61	152.61
8	Total Alkalinity (mg/L)	200.00	600.00	139.52	139.52	139.52

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 – 700 156

**TEST REPORT: AA – II B, O.H.R-15**

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

**Date of Testing: 17.02.2023**

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY)							
				AA – IIB, O.H.R-15							
				INLET OF O.H.R.	OUTLET OF O.H.R.	HILAND WILLOWS	ANAHITA	MALANCHA	NKDA MARKET	ECO URBAN VILLAGE	SHILPI VILLA
<b>A. Physico-chemical Test Results:</b>											
1	pH Value.	6.5-8.5	6.5-8.5	7.37	7.41	7.35	7.36	7.39	7.40	7.35	7.33
2	Temperature (degree C)	----	----	25.2	25.2	24.9	25.0	24.8	24.8	24.8	24.8
3	Total Dissolved Solid (mg/L)	500.00	2000.00	198.6	199.7	199.8	199.9	199.6	200.0	200.0	199.7
4	Turbidity (NTU)	1.00	5.00	1.56	1.68	1.89	1.87	1.91	1.88	1.41	1.61
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.4	0.3	0.2	0.3	0.3	0.4	0.4
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	148.59	152.61	152.61	152.61	152.61	152.61	152.61	148.59
8	Total Alkalinity (mg/L)	200.00	600.00	130.80	135.16	139.52	139.52	139.52	139.52	139.52	139.52

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 – 700 156

**TEST REPORT: AA – IIC, O.H.R – 13**

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

Date of Testing: 27.02.2023

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	OUTLET	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	7.46	7.54	7.51	7.52	7.55	7.60	7.61
2	Temperature (degree C)	----	----	26.0	26.0	26.0	26.1	25.9	26.1	26.0
3	Total Dissolved Solid (mg/L)	500.00	2000.00	195.7	196.6	196.0	196.3	196.6	196.7	196.1
4	Turbidity (NTU)	1.00	5.00	1.86	1.82	1.89	1.87	1.72	1.62	1.89
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.1	0.6	0.2	0.4	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	144.58	148.59	144.58	144.58	148.59	148.59	144.58
8	Total Alkalinity (mg/L)	200.00	600.00	135.16	139.52	135.16	135.16	139.52	139.52	135.16
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	26.60	26.60	26.60	24.70	26.60	26.60	26.60
<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 – 700 156

**TEST REPORT: AA – II D, O.H.R – 11**

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

Date of Testing: 27.02.2023

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	7.62	7.63	7.59	7.56
2	Temperature (degree C)	----	----	25.8	26.1	26.0	25.8
3	Total Dissolved Solid (mg/L)	500.00	2000.00	195.5	196.2	196.2	196.1
4	Turbidity (NTU)	1.00	5.00	1.89	1.76	1.89	1.79
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	144.58	144.58	144.58	144.58
8	Total Alkalinity (mg/L)	200.00	600.00	139.52	139.52	139.52	139.52
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	26.60	26.60	26.60	26.60
<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 – 700 156

**TEST REPORT: AA – IID, O.H.R – 12**

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

Date of Testing: 27.02.2023

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.	SHRACHI GREENWOOD ELEMENT	GREEN FIELD AMBITION
<b>A. Physico-chemical Test Results:</b>							
1	pH Value.	6.5-8.5	6.5-8.5	7.42	7.45	7.60	7.61
2	Temperature (degree C)	----	----	26.2	26.0	26.1	26.0
3	Total Dissolved Solid (mg/L)	500.00	2000.00	198.0	196.2	196.5	196.2
4	Turbidity (NTU)	1.00	5.00	1.81	1.66	1.79	1.80
5	Residual Free Chlorine (mg/L)	0.20	1.00	1.0	0.4	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	148.59	144.58	144.58	144.58
8	Total Alkalinity (mg/L)	200.00	600.00	139.52	135.16	139.52	139.52
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	26.60	26.60	26.60	26.60
<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.