WATER QUALITY ANALYSIS REPORT AT DIFFERENT LOCATIONS OF NEW TOWN KOLKATA PROJECT, DURING MONTH JANUARY' 2022

ACTION AREA – I (JANUARY' 2022)

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, ZONE – VII

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

SOURCE (PHE SUPPLY) Sl. Characteristic Requirement Permissible No (Acceptable Limit **ZONE - VII** Limit) in the absence (IS 10500-2012) of alternate Source INLET OF OUTLET OF DC-57 HIDCO DF - 94 DC-248 DC-143 (IS 10500-2012) O.H.R. O.H.R. ADMIN BUILDING A. Physico-chemical Test Results: pH Value. 1 8.17 8.24 8.25 7.89 8.10 8.19 8.23 6.5-8.5 6.5-8.5 **Temperature**(degree C) 23.7 23.7 23.7 23.7 23.7 23.7 23.7 ----**Total Dissolved Solid.** 190.4 190.4 190.4 193.7 190.3 190.5 190.5 500.00 2000.00 4 Turbidity, (NTU) 1.65 1.65 1.16 1.24 1.82 1.38 1.71 1.00 5.00 **Residual Free Chlorine** 0.35 0.5 0.4 0.1 0.23 0.3 0.3 0.20 1.00 6 Odour Agreeable Agreeable Agreeable Agreeable Agreeable Agreeable Agreeable Agreeable Agreeable **B.** Chemical Test Results: Total Hardness, (mg/L) 169.07 169.07 169.07 169.07 169.07 169.07 169.07 200.00 600.00 Total Alkalinity, (mg/L) 155.80 159.90 155.80 155.80 159.90 155.80 159.90 200.00 600.00

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.

Date of Testing: 03.01.2022

NEW TOWN. RAJARHAT. KOLKATA – 700 156

TEST REPORT: <u>AA – I. ZONE – VIII</u> Sub.: <u>Water Testing (Physico-chemical & Chemical)</u>

Date of Testing: 03.01.2022

Sl.	Characteristic	Requirement	Permissible				SOURCE (PH	IE SUPPLY)			
No		(Acceptable	Limit				ZONE	- VIII			
		Limit) (IS 10500-	in the absence of alternate	INLET OF	OUTLET OF	DA-30	DC-23	DA-88	DB-222	DA-27	DC-27
		2012)	of alternate Source	O.H.R.	O.H.R.	DA-30	DC-23	DA-00	DD-222	DA-27	DC-27
		,	(IS 10500-2012)	O121/24							
A. Ph	ysico-chemical Test Results:										
1	pH Value.	6.5-8.5	6.5-8.5	8.19	8.22	8.23	8.23	8.22	8.20	8.24	8.21
2	Temperature(degree C)			23.6	23.6	23.7	23.7	23.7	23.7	23.7	23.7
3	Total Dissolved Solid.	500.00	2000.00	189.7	190.5	190.1	190.5	190.9	190.4	190.7	181.7
4	Turbidity. (NTU)	1.00	5.00	1.51	1.59	1.78	1.61	1.60	1.55	1.71	1.68
5	Residual Free Chlorine	0.20	1.00	0.4	0.3	0.15	0.25	0.2	0.25	0.1	0.15
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Cl	nemical Test Results:	•									•
7	Total Hardness. (mg/L)	200.00	600.00	160.28	164.10	164.10	164.10	164.10	164.10	164.10	160.28
8	Total Alkalinity. (mg/L)	200.00	600.00	139.40	155.80	155.80	155.80	155.80	155.80	155.80	155.80

O.H.R. - OVER HEAD RESERVOIR

Sd/-Chemist NTKD - I P.H.E. Dte. Sd/-Assistant 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 RIII DING. WATER TREATMENT PLANT SITE. NEAR TANK NO.1

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

TEST REPORT: ACTION AREA -I, ZONE - II

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

Date of Testing: 04.01.2022

Sl. No	Characteristic	Requirement (Acceptable	Permissible Limit	it									
		Limit)	in the absence				ZONE - I	I					
		(IS 10500- 2012)	of alternate Source (IS 10500-2012)	INLET OF O.H.R.	OUTLET OF O.H.R.	NEWTOWN BUS TERMINUS	BA - 120	AB- 72	AB - 13	AE-58	AE-65		
A. Ph	nysico-chemical Test Results:												
1	pH Value.	6.5-8.5	6.5-8.5	8.10	8.12	8.14	8.15	8.16	8.16	8.17	8.15		
2	Temperature(degree C)			23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3		
3	Total Dissolved Solid (mg/L)	500.00	2000.00	190.7	191.2	191.3	191.2	191.0	191.0	190.9	190.7		
4	Turbidity (NTU)	1.00	5.00	1.71	1.50	1.89	1.73	1.61	1.77	1.91	1.81		
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.4	0.2	0.3	0.3	0.4	0.3	0.2		
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable		
В. С	hemical Test Results:									l			
7	Total Hardness (mg/L)	200.00	600.00	152.65	156.47	156.47	156.47	156.47	156.47	156.47	156.47		
8	Total Alkalinity (mg/L)	200.00	600.00	151.70	155.80	155.80	155.80	151.70	155.80	155.80	155.80		

O.H.R. - OVER HEAD RESERVOIR,

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

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

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, ZONE - V

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

Date of Testing: 05.01.2022

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500- 2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)					(PHE SUPPLY ONE - V	()		
				INLET OF O.H.R.	OUTLET OF O.H.R.	CC-201	CD - 125	CA- 81	CB-08	CA- 246	CA- 239
	A. Physico - chemical Test	Results:									
1	pH Value.	6.5-8.5	6.5-8.5	7.95	7.97	8.10	8.13	8.16	8.16	8.16	8.17
2	Temperature(degree C)			23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
3	Total Dissolved Solid (mg/L)	500.00	2000.00	192.1	192.5	192.4	193.8	192.8	192.6	192.2	191.8
4	Turbidity (NTU)	1.00	5.00	0.73	0.97	0.72	0.98	1.21	1.17	0.88	1.35
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.4	0.1	0.1	0.2	0.1	0.2	0.1
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
В. С	Chemical Test Results:	•			•						
7	Total Hardness (mg/L)	200.00	600.00	164.10	164.10	164.10	164.10	160.28	160.28	160.28	160.28
8	Total Alkalinity (mg/L)	200.00	600.00	151.70	155.80	155.80	155.80	151.70	155.80	155.80	155.80

O.H.R. - OVER HEAD RESERVOIR,

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

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, ZONE - VI

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

Date of Testing: 06.01.2022

Sl.	Characteristic	Requirement	Permissible			SOURCE (I	PHE SUPPLY)		
No		(Acceptable Limit)	Limit in the absence			ZON	NE - VI		
		(IS 10500-2012)	of alternate Source (IS 10500-2012)	INLET OF O.H.R.	OUTLET OF O.H.R.	NBCC	CE /1/A/97	CE -74	CE-104
	A. Physico - chemical T	est Results:							
1	pH Value.	6.5-8.5	6.5-8.5	8.10	8.13	8.17	8.17	8.18	8.13
2	Temperature(degree C)			23.2	23.2	23.2	23.2	23.2	23.2
3	Total Dissolved Solid (mg/L)	500.00	2000.00	192.1	192.2	193.4	193.5	193.3	192.7
4	Turbidity (NTU)	1.00	5.00	1.12	1.33	1.61	1.29	1.50	1.30
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.45	0.25	0.4	0.3	0.35
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
	B. Chemical Test Resul	ts:							
7	Total Hardness (mg/L)	200.00	600.00	164.10	160.28	164.10	167.92	167.92	160.28
8	Total Alkalinity (mg/L)	200.00	600.00	151.70	155.80	155.80	155.80	155.80	155.80
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	16.97	16.97	16.97	16.97	16.97	16.97
	C. Bacteriological Test Results	:	•	<u>'</u>					<u>'</u>
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
	H D OVED HEAD DECEDVOID	N E NOT FOUND	1						

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.

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, ZONE – III

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

									O	
SI. No	Characteristic	Requirement (Acceptable	Permissible Limit in the absence of			SOUR	CE (PHE SUPPL	Y)		
		Limit)	alternate Source				ZONE - III			
		(IS 10500-2012)	(IS 10500-2012)	INLET OF O.H.R.	OUTLET OF O.H.R	AL/1/C/28	NKDA Off.	AL/1/C/40	AI/153/18	AI/18
	A. Physico-chemi	cal Test Results:								
1	pH Value.	6.5-8.5	6.5-8.5	7.95	8.07	8.05	8.06	8.04	8.09	8.07
2	Temperature(degree C)			23.2	23.2	23.2	23.2	23.2	23.2	23.2
3	Total Dissolved Solid (mg/L)	500.00	2000.00	192.3	193.5	194.1	193.9	194.2	193.4	194.5
4	Turbidity, (NTU)	1.00	5.00	1.53	1.66	1.81	1.83	1.56	1.77	1.83
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.35	0.4	0.4	0.45	0.3	0.1	0.45
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
	B. Chemical Test	Results:	1							
7	Total Hardness, (mg/L)	200.00	600.00	164.10	167.92	171.73	164.10	171.73	167.92	167.92
8	Total Alkalinity, (mg/L)	200.00	600.00	151.70	155.80	155.80	151.70	155.80	151.70	155.80
9	Iron(as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	16.97	16.97	16.97	16.97	16.97	16.97	18.85
С.В	Sacteriological Test Results	:	•				•			
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF	NF

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

Sd/-Chemist & Bacteriologist NTKD-I, P.H.E. Dte. Sd/-Assistant Engineer NTKD - I P.H.E. Dte. Sd/-Executive Engineer NTKD - I P.H.E. Dte.

Date of Testing: 06.01.2022

TEST REPORT: AA – I, ZONE – VII

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

Date of Testing: 13.01.2022

Sl. No	Characteristic	Requirement	Permissible Limit			SOURCE	(PHE SUPPLY)		
NO		(Acceptable Limit) (IS 10500-2012)	alternate Source (IS 10500-2012)			ZO	ONE - VII		
				INLET	OUTLET	DC-57	HIDCO ADMIN	DC-143	DC- 248
				OF O.H.R.	OF O.H.R.		BUILDING		
A. Pl	nysico-chemical Test Results:								
1	pH Value.	6.5-8.5	6.5-8.5	8.16	8.21	8.26	8.12	8.14	8.20
2	Temperature(degree C)			23.1	23.1	23.1	23.1	23.1	23.1
3	Total Dissolved Solid.	500.00	2000.00	194.9	194.9	194.8	195.4	195.4	195.0
4	Turbidity, (NTU)	1.00	5.00	1.82	1.95	1.81	1.62	1.89	1.65
5	Residual Free Chlorine	0.20	1.00	0.35	0.45	0.4	0.2	0.3	0.35
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
В. С	hemical Test Results:								
7	Total Hardness, (mg/L)	200.00	600.00	167.92	171.73	167.92	171.73	171.73	171.73
8	Total Alkalinity, (mg/L)	200.00	600.00	164	164	164	168.10	168.10	168.10
9	Iron(as Fe), mg/L	1.0/0.1	1.0/1.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250/200	1000/1000	16.97	16.97	16.97	16.97	16.97	16.97
C .Ba	acteriological Test Results :								
11	Total Coliform (CFU/100 ml)	Absent/Absent	Absent/Absent	NF	NF	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent/Absent	Absent/Absent	NF	NF	NF	NF	NF	NF

O.H.R. - OVER HEAD RESERVOIR,

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

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

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

Date of Testing: 13.01.2022

Sl.	Characteristic	Requirement	Permissible			SOUR	CE (PHE SUPP	LY)		
No		(Acceptable	Limit				ZONE - VIII			
		Limit) (IS 10500-	in the absence	INLET OF	OUTLET OF	DA 20	DC 22	DA 90	DB-222	DC-12
		2012)	of alternate	O.H.R.	O.H.R.	DA-30	DC-23	DA-89	DB-222	DC-12
		2012)	Source (IS 10500-2012)	O.H.K.	O.H.K.					
A. Ph	vsico-chemical Test Results:		(15 10500-2012)							
		1	I I	0.10	0.15	0.16	0.10	0.21	9.25	9.26
1	pH Value.	6.5-8.5	6.5-8.5	8.10	8.15	8.16	8.18	8.21	8.25	8.26
2	Temperature(degree C)			23.1	23.1	23.1	23.1	23.1	23.1	23.1
3	Total Dissolved Solid.	500.00	2000.00	194.9	195.4	195.2	194.8	195.5	194.8	195.0
4	Turbidity (NTU)	1.00	5.00	1.76	1.85	1.87	1.89	1.91	1.97	1.98
5	Residual Free Chlorine	0.20	1.00	0.4	0.35	0.2	0.15	0.2	0.25	0.15
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. C	hemical Test Results:									
7	Total Hardness. (mg/L)	200.00	600.00	171.73	171.73	171.73	167.92	171.73	167.92	171.73
8	Total Alkalinity. (mg/L)	200.00	600.00	164	168.10	168.10	164	168.10	164	164
9	Iron(as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250.00	1000.00	16.97	16.97	16.97	16.97	16.97	16.97	16.97
C.B	acteriological Test Results :									
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF	NF
	O H D OVED HEAD DECEDVOID	N E NOE EOINE			1					

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.

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, ZONE - V

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

Sl. No	Characteristic	Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate Source	ace of									
		(IS 10500- 2012)	(IS 10500-2012)				ZC	ONE - V					
				INLET OF O.H.R.	OUTLET OF O.H.R.	CC-201	CD - 125	CA- 81	CB-08	CA-64	CA-241		
	A. Physico - chemical Test	Results:											
1	pH Value.	6.5-8.5	6.5-8.5	8.05	8.18	8.20	8.24	8.22	8.21	8.23	8.23		
2	Temperature(degree C)			23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1		
3	Total Dissolved Solid (mg/L)	500.00	2000.00	193.8	195.4	195.3	194.9	195.7	195.9	195.5	195.3		
4	Turbidity (NTU)	1.00	5.00	1.63	1.70	1.45	1.66	1.71	1.65	1.77	1.65		
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.4	0.15	0.1	0.35	0.3	0.1	0.2		
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable		
В. (Chemical Test Results:	•											
7	Total Hardness (mg/L)	200.00	600.00	167.91	171.73	171.73	167.91	171.73	171.73	171.73	171.73		
8	Total Alkalinity (mg/L)	200.00	600.00	151.70	155.80	151.70	151.70	155.80	151.70	151.70	151.70		

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.

Date of Testing: 14.01.2022

TEST REPORT: ACTION AREA -I, ZONE - IV

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

SI. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source	INLET OF	OUTLET OF		E (PHE SUPP ONE - IV BE-17	LY) BB-50	BC-105	BF-58
			(IS 10500-2012)	O.H.R.	O.H.R.	CITIZEN PARK	BL-17	BB-30	BC-103	DI-50
A. P	hysico-chemical Test Results	S :			<u> </u>			L		
1	pH Value.	6.5-8.5	6.5-8.5	8.19	8.19	8.19	8.15	8.17	8.17	8.18
2	Temperature(degree C)			23.1	23.1	23.1	23.1	23.1	23.1	23.1
3	Total Dissolved Solid (mg/L)	500.00	2000.00	196.0	195.5	195.5	195.9	195.8	196.2	195.9
4	Turbidity (NTU)	1.00	5.00	1.53	1.67	1.85	1.45	1.38	1.35	1.58
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.35	0.3	0.15	0.2	0.3	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
В. (Chemical Test Results:	'								
7	Total Hardness (mg/L)	200.00	600.00	171.73	175.55	171.73	171.73	175.55	175.55	171.73
8	Total Alkalinity (mg/L)	200.00	600.00	151.70	155.80	151.70	151.70	155.80	155.80	151.70

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.

Date of Testing: 14.01.2022

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, ZONE - X

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

Date of Testing: 17.01.2022

Sl.	Characteristic	Requirement	Permissible Limit		SOURCE (I	PHE SUPPLY)	
No		(Acceptable Limit) (IS 10500-2012)	in the absence of alternate Source		ZO	NE - X	
			(IS 10500-2012)	INLET OF O.H.R.	OUTLET OF O.H.R.	GREEN FIELD – 4D	NATIONAL CANCER INSTITUTE CHITTARANJAN
A. Phy	vsico-chemical Test Results:						
1	pH Value.	6.5-8.5	6.5-8.5	7.74	7.83	7.81	7.80
2	Temperature(degree C)			23.1	23.1	23.1	23.1
3	Total Dissolved Solid(mg/L)	500.00	2000.00	203	203	203	203
4	Turbidity, (NTU)	1.00	5.00	1.81	1.87	1.74	1.89
5	Residual Free Chlorine(mg/L)	0.20	1.00	0.6	0.6	0.5	0.5
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Ch	emical Test Results:		•			•	
7	Total Hardness, (mg/L)	200.00	600.00	176.94	176.94	176.94	176.94
8	Total Alkalinity, (mg/L)	200.00	600.00	151.70	151.70	151.70	151.70
9	Iron(as Fe), mg/L	1.0/0.1	1.0/1.0	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250/200	1000/1000	20.74	20.74	20.74	20.74
C .Bac	eteriological Test Results :						
11	Total Coliform (CFU/100 ml)	Absent/Absent	Absent/Absent	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent/Absent	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.

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, ZONE – IX

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

Sl.		Requirement	Permissible Limit		SO	OURCE (PHE SUPI	PLY)	
No	Characteristic	(Acceptable Limit) (IS 10500-2012)	in the absence of alternate Source			ZONE - IX		
			(IS 10500-2012)	INLET OF O.H.R.	OUTLET OF O.H.R.	RISHI TOWER	DAWAT RESTAURANT	VGM BUILDING
A. P	hysico-chemical Test Results:							
1	pH Value.	6.5-8.5	6.5-8.5	7.82	7.87	7.89	7.87	7.89
2	Temperature(degree C)			23.1	23.1	23.1	23.1	23.1
3	Total Dissolved Solid. (mg/L)	500.00	2000.00	203	203	202	202	202
4	Turbidity, (NTU)	1.00	5.00	1.91	1.85	1.78	1.85	1.35
5	Residual Free Chlorine(mg/L)	0.20	1.00	0.5	0.4	0.3	0.4	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
В. С	Chemical Test Results:	,						
7	Total Hardness, (mg/L)	200.00	600.00	165.14	165.14	165.14	165.14	169.07
8	Total Alkalinity, (mg/L)	200.00	600.00	155.80	155.80	155.80	155.80	155.80
9	Iron(as Fe), mg/L	1.0/0.1	1.0/1.0	<0.1	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250/200	1000/1000	20.74	20.74	20.74	20.74	20.74
C .B	acteriological Test Results :	1		•				•
11	Total Coliform (CFU/100 ml)	Absent/Absent	Absent/Absent	NF	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent/Absent	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.

Date of Testing: 17.01.2022

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, ZONE - VI

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

Sl. No	Characteristic	Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate	ZONE - VI								
		(IS 10500- 2012)	Source (IS 10500-2012)	INLET OF O.H.R.	OUTLET OF O.H.R.	NBCC	CE /1/A/97	CE -74	CE-194			
	A. Physico - chemical	Test Results:										
1	pH Value.	6.5-8.5	6.5-8.5	7.98	7.99	7.98	7.96	7.97	7.99			
2	Temperature(degree C)			23.2	23.2	23.2	23.2	23.2	23.2			
3	Total Dissolved Solid (mg/L)	500.00	2000.00	199.7	201	201	198.1	201	197.8			
4	Turbidity (NTU)	1.00	5.00	1.71	1.46	1.55	1.49	1.45	1.77			
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.45	0.4	0.3	0.23	0.2	0.3			
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable			
	B. Chemical Test Resul	lts:			1		1	l				
7	Total Hardness (mg/L)	200.00	600.00	173.00	176.94	176.94	173.00	169.07	169.07			
8	Total Alkalinity (mg/L)	200.00	600.00	159.90	164	164	164	164	164			

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.

Date of Testing: 20.01.2022

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: <u>AA – I, ZONE – III</u>

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

Date of Testing: 20.01.2022

Sl. No	Characteristic	Requirement (Acceptable	Permissible Limit in the absence of			SOURCE	(PHE SUPPLY)			
		Limit)	alternate Source			ZO	ONE - III			
		(IS 10500-2012)	(IS 10500-2012)	INLET OF O.H.R.	OUTLET OF O.H.R	A1/68	NKDA Off.	AL/1/C/40	AI/153/18	AI/153
	A. Physico-chemic	al Test Results:				1				•
1	pH Value.	6.5-8.5	6.5-8.5	7.87	7.89	7.88	7.89	7.90	7.95	7.97
2	Temperature(degree C)			23.2	23,2	23.2	23.2	23.2	23.2	23.2
3	Total Dissolved Solid (mg/L)	500.00	2000.00	201	201	201	201	201	201	201
4	Turbidity, (NTU)	1.00	5.00	1.46	1.62	1.35	1.45	1.31	1.36	1.28
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.65	0.6	0.5	0.45	0.3	0.2	0.4
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
	B. Chemical Test	Results:								
7	Total Hardness, (mg/L)	200.00	600.00	169.07	169.07	169.07	169.07	169.07	169.07	169.07
8	Total Alkalinity, (mg/L)	200.00	600.00	159.90	159.90	159.90	159.90	159.90	159.90	159.90

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

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

TEST REPORT: ACTION AREA -I, ZONE - I

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

Date of Testing: 24.01.2022

Sl. No	Characteristic	Requirement	Permissible Limit				SOURCE (P	HE SUPPLY)			
110		(Acceptable Limit) (IS 10500-2012)	in the absence of alternate Source				ZON	E - I			
		(15 10500-2012)	(IS 10500-2012)	INLET OF O.H.R.	OUTLET OF O.H.R.	AD - 17	AA- 05	AC-107	AC - 50	AA-54	AA-140
A. P	hysico-chemical Test Results:	I			1						
1	pH Value.	6.5-8.5	6.5-8.5	7.98	7.97	7.99	7.98	7.97	7.99	7.98	7.97
2	Temperature (degree C)			23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
3	Total Dissolved Solid (mg/L)	500.00	2000.00	201	201	201	201	201	201	201	201
4	Turbidity (NTU)	1.00	5.00	1.59	1.65	1.57	1.45	1.32	1.71	1.35	1.42
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.55	0.3	0.25	0.4	0.45	0.2	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
В. (Chemical Test Results:										
7	Total Hardness (mg/L)	200.00	600.00	169.08	169.08	169.08	169.08	169.08	169.08	169.08	169.08
8	Total Alkalinity (mg/L)	200.00	600.00	159.90	159.90	159.90	159.90	159.90	159.90	159.90	164
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	22.63	22.63	20.74	22.63	22.63	22.63	22.63	22.63
C.B	acteriological Test Results :	•	-		•					•	•
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF	NF	NF	NF	NF	NF

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

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

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, ZONE – VII

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

Sl. No	Characteristic	Requirement	Permissible Limit			SOURCE	(PHE SUPPLY)		
NO		(Acceptable Limit) (IS 10500-2012)	in the absence of alternate			ZO	ONE - VII		
			Source (IS 10500-2012)	INLET OF O.H.R.	OUTLET OF O.H.R.	DC-57	HIDCO ADMIN BUILDING	DC - 115	DC-248
A. P	hysico-chemical Test Resul	ts:							
1	pH Value.	6.5-8.5	6.5-8.5	8.29	8.31	8.34	8.35	8.31	8.33
2	Temperature(degree C)			23.1	23.1	23.1	23.1	23.1	23.1
3	Total Dissolved Solid.	500.00	2000.00	201	202	202	203	202	203
4	Turbidity, (NTU)	1.00	5.00	1.89	1.75	1.57	1.25	1.35	1.71
5	Residual Free Chlorine	0.20	1.00	0.4	0.55	0.4	0.15	0.3	0.35
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
В. С	Chemical Test Results:								
7	Total Hardness, (mg/L)	200.00	600.00	169.08	169.08	169.08	169.08	169.08	165.14
8	Total Alkalinity, (mg/L)	200.00	600.00	159.90	164	172.20	172.20	164	164

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.

Date of Testing: 25.01.2022

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. ZONE – VIII

Sub.: Water Testing (Physico-chemical & Chemical) **Date of Testing: 25.01.2022**

Sl.	Characteristic	Requirement	Permissible			SOUR	CE (PHE SUPP	LY)		
No		(Acceptable Limit)	Limit in the absence				ZONE - VIII			
		(IS 10500- 2012)	of alternate Source (IS 10500-2012)	INLET OF O.H.R.	OUTLET OF O.H.R.	DA-88	DC-23	DA-30	DB-222	DC-06
A. Ph	ysico-chemical Test Results:									
1	pH Value.	6.5-8.5	6.5-8.5	8.15	8.18	8.19	8.20	8.21	8.23	8.27
2	Temperature(degree C)			23.1	23.1	23.1	23.1	23.1	23.1	23.1
3	Total Dissolved Solid.	500.00	2000.00	201	202	202	202	202	202	202
4	Turbidity. (NTU)	1.00	5.00	1.58	1.71	1.75	1.51	1.69	1.81	1.75
5	Residual Free Chlorine	0.20	1.00	0.4	0.5	0.35	0.2	0.35	0.3	0.4
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Cl	hemical Test Results:									
7	Total Hardness. (mg/L)	200.00	600.00	165.14	169.08	165.14	169.08	169.08	169.08	169.08
8	Total Alkalinity. (mg/L)	200.00	600.00	159.90	164	164	159.90	164	164	164

O.H.R. - OVER HEAD RESERVOIR

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

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

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, ZONE - X

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

Date of Testing: 27.01.2022

Sl. No	Characteristic	Requirement (Acceptable Limit)	Permissible Limit		SOURCE (I	PHE SUPPLY)	
110		(IS 10500-2012)	in the absence of alternate Source		ZO	NE - X	
			(IS 10500-2012)	INLET OF O.H.R.	OUTLET OF O.H.R.	GREEN FIELD – 4D	NATIONAL CANCER INSTITUTE CHITTARANJAN
A. Phy	ysico-chemical Test Results:						
1	pH Value.	6.5-8.5	6.5-8.5	7.79	7.81	7.85	7.86
2	Temperature(degree C)			23.1	23.1	23.1	23.1
3	Total Dissolved Solid(mg/L)	500.00	2000.00	188.5	189.1	189.1	189.4
4	Turbidity, (NTU)	1.00	5.00	1.10	1.26	1.27	1.48
5	Residual Free Chlorine(mg/L)	0.20	1.00	0.45	0.5	0.35	0.4
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. Ch	nemical Test Results:		•			•	
7	Total Hardness, (mg/L)	200.00	600.00	165.14	165.14	169.08	169.08
8	Total Alkalinity, (mg/L)	200.00	600.00	168.10	168.10	168.10	168.10

O.H.R. - OVER HEAD RESERVOIR,

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

TEST REPORT: AA – I, ZONE – IX

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

Sl.		Requirement	Permissible Limit		SC	OURCE (PHE SUPE	PLY)	
No	Characteristic	(Acceptable Limit) (IS 10500-2012)	in the absence of alternate Source			ZONE - IX		
			(IS 10500-2012)	INLET OF O.H.R.	OUTLET OF O.H.R.	RISHI TOWER	DAWAT RESTAURANT	VGM TOWER
A. P	hysico-chemical Test Results:							
1	pH Value.	6.5-8.5	6.5-8.5	7.88	7.89	7.91	7.95	7.97
2	Temperature(degree C)			23.1	23.1	23.1	23.1	23.1
3	Total Dissolved Solid. (mg/L)	500.00	2000.00	187.7	188.7	188.8	189.2	189.6
4	Turbidity, (NTU)	1.00	5.00	1.89	1.79	1.51	1.35	1.38
5	Residual Free Chlorine(mg/L)	0.20	1.00	0.5	0.55	0.3	0.4	0.35
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
В. С	Chemical Test Results:			1	1			1
7	Total Hardness, (mg/L)	200.00	600.00	169.08	169.08	165.14	169.08	165.14
8	Total Alkalinity, (mg/L)	200.00	600.00	168.10	168.10	168.10	168.10	168.10

O.H.R. - OVER HEAD RESERVOIR ,

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

Date of Testing: 27.01.2022

ADMINISTRATIVE BUILDING, WATER TREATMENT PLANT SITE, NEAR T NEW TOWN, RAJARHAT, KOLKATA – 700 156

TEST REPORT: ACTION AREA -I, ZONE - I

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

Sl. No	Characteristic	Requirement	Permissible Limit			SOURCI	E (PHE SUPPI	LY)		
110		(Acceptable Limit) (IS 10500-2012)	in the absence of alternate Source			7	ZONE - I			
			(IS 10500-2012)	INLET OF O.H.R.	OUTLET OF O.H.R.	AD - 17	AA- 05	AC - 107	AD - 27	AA-24
A. I	 Physico-chemical Test Result	s:				<u> </u>				
1	pH Value.	6.5-8.5	6.5-8.5	7.98	7.97	7.96	7.97	7.98	7.97	7.98
2	Temperature(degree C)			23.1	23.1	23.1	23.1	23.1	23.1	23.1
3	Total Dissolved Solid (mg/L)	500.00	2000.00	189.5	189.4	189.3	189.5	189.4	189.4	189.3
4	Turbidity (NTU)	1.00	5.00	1.97	1.68	1.98	1.95	1.76	1.94	1.98
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.45	0.25	0.2	0.3	0.35	0.2
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
В.	Chemical Test Results:		,			1	•	l	I	1
7	Total Hardness (mg/L)	200.00	600.00	169.08	169.08	169.08	169.08	169.08	165.14	169.08
8	Total Alkalinity (mg/L)	200.00	600.00	168.10	168.10	168.10	164	168.10	168.10	168.10

O.H.R. - OVER HEAD RESERVOIR,

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

Date of Testing: 31.01.2022

NEW TOWN, RAJARHAT, KOLKATA – 700 156

TEST REPORT: <u>ACTION AREA -I , ZONE - II</u>

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

Sl. No	Characteristic	Requirement (Acceptable	Permissible Limit			SOUF	RCE (PHE SUI	PPLY)			
		Limit)	in the absence				ZONE - II				
		(IS 10500- 2012)	of alternate Source (IS 10500-2012)	INLET OF O.H.R.	OUTLET OF O.H.R.	NEWTOWN BUS TERMINUS	BA - 120	AB- 72	AB - 13	AE-60	AB-121
A. Pł	hysico-chemical Test Results:	:									
1	pH Value.	6.5-8.5	6.5-8.5	7.92	7.93	7.94	7.95	7.97	7.98	7.96	7.97
2	Temperature(degree C)			23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
3	Total Dissolved Solid (mg/L)	500.00	2000.00	189.4	189.3	189.5	188.8	189.4	188.6	189.6	189.5
4	Turbidity (NTU)	1.00	5.00	1.75	1.91	1.97	1.85	1.71	1.98	1.64	1.86
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.2	0.45	0.3	0.1	0.35	0.2	0.25	0.15
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
В. С	Chemical Test Results:										L
7	Total Hardness (mg/L)	200.00	600.00	165.14	165.14	165.14	165.14	169.08	165.14	169.08	169.08
8	Total Alkalinity (mg/L)	200.00	600.00	168.10	168.10	168.10	168.10	168.10	168.10	168.10	168.10

O.H.R. - OVER HEAD RESERVOIR,

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

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

Date of Testing: 31.01.2022

ACTION AREA – II (JANUARY' 2022)

TEST REPORT: AA – IIG, ZONE – XI

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

Sl. No	Characteristic	Requirement (Acceptable Limit)	Permissible Limit in the absence of		SOURCE (PHE SUPPLY)	
		(IS 10500-2012)	alternate Source		AA – IIG, ZONE – XI	
			(IS 10500-2012)	INLET OF O.H.R.	OUTLET OF O.H.R.	EDEN COURT
A. Pl	nysico-chemical Test Results:	1				
1	pH Value.	6.5-8.5	6.5-8.5	7.76	7.81	7.66
2	Temperature (degree C)			23.2	23.2	23.2
3	Total Dissolved Solid (mg/L)	500.00	2000.00	196.7	195.6	195.9
4	Turbidity (NTU)	1.00	5.00	1.63	1.80	1.49
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.35	0.3
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
В. С	hemical Test Results:	•			-	
7	Total Hardness (mg/L)	200.00	600.00	171.73	167.92	167.92
8	Total Alkalinity (mg/L)	200.00	600.00	164	164	164

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.

Date of Testing: 07.01.2022

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: <u>AA – II C, ZONE – I</u>

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

SI. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)				CE (PHE SUPPL	Y)		
				INLET	OUTLET	AKANKHA	NKDA MKT	STARLIT COMPLEX	HILAND WOODS	MOON BEAM
A. P	hysico-chemical Test Results	5:								
1	pH Value.	6.5-8.5	6.5-8.5	7.94	7.97	7.98	7.96	7.98	7.97	7.99
2	Temperature (degree C)			23.1	23.1	23.1	23.1	23.1	23.1	23.1
3	Total Dissolved Solid (mg/L)	500.00	2000.00	199.8	198.3	197.7	197.9	197.5	197.8	197.6
4	Turbidity (NTU)	1.00	5.00	1.53	1.66	1.62	1.37	1.63	1.75	1.56
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.8	0.65	0.4	0.6	0.35	0.35	0.55
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
В. (Chemical Test Results:		-			1	1			1
7	Total Hardness (mg/L)	200.00	600.00	164.10	164.10	164.10	167.92	164.10	164.10	164.10
8	Total Alkalinity (mg/L)	200.00	600.00	164	164	164	164	164	164	164

N.F- NOT FOUND,

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.

Date of Testing: 11.01.2022

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, ZONE – V

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

Sl. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)		SOURCE (PHE AA – IID, ZO	, 	
				INLET OF O.H.R.	OUTLET OF O.H.R.	ALATIKA	GREEN WOOD SONATA
A. Ph	ysico-Chemical Test Results:						
1	pH Value.	6.5-8.5	6.5-8.5	7.89	7.95	7.97	7.97
2	Temperature (degree C)			23.1	23.1	23.1	23.1
3	Total Dissolved Solid (mg/L)	500.00	2000.00	199.1	198.3	198.3	198.4
4	Turbidity (NTU)	1.00	5.00	1.28	1.67	1.65	1.75
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.75	0.7	0.55	0.6
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B. C	hemical Test Results:	•	<u>'</u>	1	1		1
7	Total Hardness (mg/L)	200.00	600.00	171.73	167.92	171.73	171.73
8	Total Alkalinity (mg/L)	200.00	600.00	164	164	168.10	164

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.

Date of Testing: 11.01.2022

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, ZONE – VI

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

Sl. No	Characteristic	Requirement (Acceptable Limit)	Permissible Limit in the absence of		SOURCE	(PHE SUPPLY)	
110		(IS 10500-2012)	alternate Source		AA – II	D, ZONE - VI	
			(IS 10500-2012)	INLET OF O.H.R	OUTLET OF O.H.R.	SHRACHI GREENWOOD ELEMENT	GREEN FIELD AMBITION
A. P	Physico-chemical Test Result	s:					
1	pH Value.	6.5-8.5	6.5-8.5	7.98	7.97	7.98	7.97
2	Temperature (degree C)			23.1	23.1	23.1	23.1
3	Total Dissolved Solid (mg/L)	500.00	2000.00	198.6	196.9	198.2	198.2
4	Turbidity (NTU)	1.00	5.00	1.31	1.55	1.43	1.61
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.7	0.6	0.5	0.5
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
B.	Chemical Test Results:	1	1		1		1
7	Total Hardness (mg/L)	200.00	600.00	167.92	164.10	167.92	167.92
8	Total Alkalinity (mg/L)	200.00	600.00	164	164	164	164

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.

Date of Testing: 11.01.2022

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: <u>AA – IIG, ZONE – XI</u>

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

Sl. No	Characteristic	Requirement	Permissible Limit		SOURCE (PHE SUPPLY)			
		(Acceptable Limit)	in the absence of alternate Source		AA – IIG, ZONE - XI			
		(IS 10500-2012)	(IS 10500-2012)	INLET OF O.H.R.	OUTLET OF O.H.R.	EDEN COURT		
A. Physi	co-chemical Test Results:	1						
1	pH Value.	6.5-8.5	6.5-8.5	7.74	7.71	7.79		
2	Temperature (degree C)			23.1	23.1	23.1		
3	Total Dissolved Solid (mg/L)	500.00	2000.00	203	202	202		
4	Turbidity (NTU)	1.00	5.00	1.61	1.81	1.89		
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.5	0.4	0.3		
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable		
B. Chen	nical Test Results:							
7	Total Hardness (mg/L)	200.00	600.00	176.94	176.94	176.94		
8	Total Alkalinity (mg/L)	200.00	600.00	151.70	151.70	151.70		
9	Chloride (mg/L)	250.00	1000.00	20.74	20.74	20.74		
10	Iron(mg/L)	1.0	No Relaxation	<0.1	<0.1	<0.1		
C. Bact	eriological Test Results:							
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF		
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF		

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

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

Date of Testing: 17.01.2022

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, ZONE – I

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

SI. No	Characteristic	Requirement (Acceptable Limit) (IS 10500-2012)	Permissible Limit in the absence of alternate Source (IS 10500-2012)	SOURCE (PHE SUPPLY) AA – IIC, ZONE - I						
				INLET	OUTLET	AKANKHA	NKDA MKT	STARLIT COMPLEX	HILAND WOODS	MOON BEAM
A. P	hysico-chemical Test Results	S:								
1	pH Value.	6.5-8.5	6.5-8.5	7.73	7.81	7.86	7.87	7.90	7.88	7.90
2	Temperature (degree C)			23.4	23.4	23.4	23.4	23.4	23.4	23.4
3	Total Dissolved Solid (mg/L)	500.00	2000.00	204	203	204	203	203	203	203
4	Turbidity (NTU)	1.00	5.00	1.75	1.71	1.81	1.75	1.61	1.95	1.98
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.6	0.6	0.3	0.5	0.45	0.35	0.5
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
В. (Chemical Test Results:		· ·				,			
7	Total Hardness (mg/L)	200.00	600.00	169.07	169.07	169.07	169.07	169.07	169.07	169.07
8	Total Alkalinity (mg/L)	200.00	600.00	164	164	164	164	164	164	164

N.F- NOT FOUND,

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.

Date of Testing: 19.01.2022

GOVERNMENT OF WEST BENGAL DIRECTORATE OF PUBLIC HEALTH ENGINEERING OFFICE OF THE EXECUTIVE ENGINEER, NEW TOWN KOLKATA WATER SUPPLY DIVISION-I

OFFICE OF THE EXECUTIVE ENGINEER, NEW TOWN KOLKATA WATER SUPPLY DIVISION ADMINISTRATIVE BUILDING, WATER TREATMENT PLANT SITE, NEAR TANK NO-I NEW TOWN, RAJARHAT, KOLKATA – 700 156

TEST REPORT: AA – II D, ZONE – V

Sub.: Water Testing (Physico-chemical & Chemical) Date of Testing: 19.01.2022

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, ZONE - V					
				INLET OF O.H.R.	OUTLET OF O.H.R.	ALATIKA	GREEN WOOD SONATA		
A. Ph	ysico-Chemical Test Results:								
1	pH Value.	6.5-8.5	6.5-8.5	7.89	7.89	7.91	7.92		
2	Temperature (degree C)			23.4	23.4	23.4	23.4		
3	Total Dissolved Solid (mg/L)	500.00	2000.00	203	203	203	203		
4	Turbidity (NTU)	1.00	5.00	1.99	1.97	1.86	1.94		
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.3	0.5	0.45	0.4		
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable		
B. C	hemical Test Results:	1	1	1	1		1		
7	Total Hardness (mg/L)	200.00	600.00	169.07	169.07	169.07	169.07		
8	Total Alkalinity (mg/L)	200.00	600.00	164	164	164	164		

O.H.R. - OVER HEAD RESERVOIR,

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

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, ZONE – VI

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

Sl. No	Characteristic	Requirement (Acceptable Limit)	Permissible Limit in the absence of	SOURCE (PHE SUPPLY)						
. 10		(IS 10500-2012)	alternate Source		AA – IID, ZONE - VI					
			(IS 10500-2012)	INLET OF O.H.R	INLET OF O.H.R OUTLET OF O.H.R. SHRACHI GREENWOOD ELEMENT					
4. P	Physico-chemical Test Result	s:								
1	pH Value.	6.5-8.5	6.5-8.5	7.91	7.95	7.97	7.98			
2	Temperature (degree C)			23.4	23.4	23.4	23.4			
3	Total Dissolved Solid (mg/L)	500.00	2000.00	203	203	203	202			
4	Turbidity (NTU)	1.00	5.00	1.97	1.98	1.62	1.98			
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.6	0.5	0.45	0.4			
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable			
B.	Chemical Test Results:		•		1					
7	Total Hardness (mg/L)	200.00	600.00	169.07	169.07	169.07	169.07			
8	Total Alkalinity (mg/L)	200.00	600.00	164	164	164	164			

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.

Date of Testing: 19.01.2022

TEST REPORT: AA – II A, ZONE – X

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

Date of Testing: 21.01.2022

Sl. No	Characteristic	Requirement	Permissible Limit	SOURCE (PHE SUPPLY)					
110		(Acceptable Limit) (IS 10500-2012)	in the absence of alternate Source		AA – IIA, ZONE – X				
			(IS 10500-2012)	INLET OF O.H.R.	INLET OF O.H.R. OUTLET OF O.H.R. ALIA				
A. P	hysico-chemical Test Results:	1							
1	pH Value.	6.5-8.5	6.5-8.5	7.81	7.85	7.91			
2	Temperature (degree C)			23.2	23.2	23.2			
3	Total Dissolved Solid (mg/L)	500.00	2000.00	203	203	204			
4	Turbidity (NTU)	1.00	5.00	1.69	1.71	1.81			
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.45	0.6	0.5			
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable			
В. С	Chemical Test Results:	1							
7	Total Hardness (mg/L)	200.00	600.00	176.94	176.94	176.94			
8	Total Alkalinity (mg/L)	200.00	600.00	159.90	159.90	159.90			

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

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

TEST REPORT: <u>AA – II B, ZONE – IV</u>

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

Sl. No	Characteristic	Requirement (Acceptable Limit)	Permissible Limit in the absence of				SOURCE (PHE SUPPLY)						
		(IS 10500-2012)	alternate Source	AA HD ZONE IV									
			(IS 10500-2012)	INLET OF O.H.R.	OUTLET OF O.H.R.	HILAND WILLOWS	ANAHITA	MALANCHA	NKDA MARKET	ECO URBAN VILLAGE	SHILPI VILLA		
A. P	hysico-chemical Test Results:												
1	pH Value.	6.5-8.5	6.5-8.5	7.66	7.69	7.67	7.67	7.69	7.70	7.71	7.73		
2	Temperature (degree C)			23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2		
3	Total Dissolved Solid (mg/L)	500.00	2000.00	203	204	204	203	205	205	204	205		
4	Turbidity (NTU)	1.00	5.00	2.69	2.31	2.51	1.92	2.41	2.47	2.23	2.37		
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.75	0.6	0.45	0.35	0.4	0.4	0.5	0.45		
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable		
В. (Chemical Test Results:		l	1			•	1	I	1			
7	Total Hardness (mg/L)	200.00	600.00	169.07	169.07	169.07	169.07	173.00	173.00	173.00	176.94		
8	Total Alkalinity (mg/L)	200.00	600.00	159.90	159.90	159.90	159.90	159.90	159.90	159.90	159.90		

O.H.R. - OVER HEAD RESERVOIR,

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

Date of Testing: 21.01.2022

TEST REPORT: <u>AA – IIG, ZONE – XI</u>

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

Sl. No	Characteristic	Requirement (Acceptable Limit)	Permissible Limit in the absence of		SOURCE (PHE SUPPLY)					
		(IS 10500-2012)	alternate Source		AA – IIG, ZONE – XI					
			(IS 10500-2012)	INLET OF O.H.R.	NLET OF O.H.R. OUTLET OF O.H.R.					
A. Pł	ysico-chemical Test Results:									
1	pH Value.	6.5-8.5	6.5-8.5	7.83	7.84	7.87				
2	Temperature (degree C)			23.1	23.1	23.1				
3	Total Dissolved Solid (mg/L)	500.00	2000.00	189.1	189.7	189.1				
4	Turbidity (NTU)	1.00	5.00	1.78	1.54	1.79				
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.55	0.45	0.4				
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable				
В. С	hemical Test Results:									
7	Total Hardness (mg/L)	200.00	600.00	165.14	169.08	165.14				
8	Total Alkalinity (mg/L)	200.00	600.00	168.10	172.20	172.20				

O.H.R. - OVER HEAD RESERVOIR

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

Date of Testing: 27.01.2022

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: <u>AA – II A, ZONE – X</u>

Sub.: Water Testing (Physico-chemical, Chemical & Bacteriological) **Date of Testing: 28.01.2022**

Sl. No	Characteristic	Requirement (Acceptable Limit)	Permissible Limit in the absence of		SOURCE (PHE SUPPLY)				
		(IS 10500-2012)	alternate Source						
			(IS 10500-2012)	INLET OF O.H.R.	OUTLET OF O.H.R.	ALIAH UNIVERSITY			
4. P	hysico-chemical Test Results:					•			
1	pH Value.	6.5-8.5	6.5-8.5	7.91	7.89	7.86			
2	Temperature (degree C)			23.1	23.1	23.1			
3	Total Dissolved Solid (mg/L)	500.00	2000.00	190.2	189.9	190.0			
4	Turbidity (NTU)	1.00	5.00	1.52	1.37	1.67			
5	Residual Free Chlorine (mg/L)	0.20	1.00	0.4	0.5	0.4			
6	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable			
В. (Chemical Test Results:	•							
7	Total Hardness (mg/L)	200.00	600.00	169.07	165.14	169.07			
8	Total Alkalinity (mg/L)	200.00	600.00	168.10	168.10	168.10			
9	Iron(as Fe), mg/L	1.0	No Relaxation	<0.1	<0.1	<0.1			
10	Chloride (mg/L)	250.00	1000.00	18.85	18.85	18.85			
С .В	acteriological Test Results :	•			·	•			
11	Total Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF			
12	Fecal Coliform (CFU/100 ml)	Absent	Absent	NF	NF	NF			

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

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

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

NEW TOWN, RAJARHAT, KOLKATA – 700 156

TEST REPORT: <u>AA – II B, ZONE – IV</u>

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

Sl. No	Characteristic	Requirement (Acceptable Limit)	Permissible Limit (IS 10500-2012)/				SOURCE	(PHE SUPPLY	Y)		
		(IS 10500-2012)/	(CPHEEO)	AA – IIB, ZONE – IV							
		(СРНЕЕО)		INLET OF O.H.R.	OUTLET OF O.H.R.	HILAND WOODS	ANAHITA	MALANCHA	NKDA MKT	ECO URBAN VILLAGE	SHILPI VILLA
A. F	Physico-chemical Test Results:										
1	pH Value.	6.5 to 8.5/7.0 to 8.5	6.5 to 8.5/6.5 to 9.2	7.75	7.79	7.80	7.76	7.74	7.79	7.80	7.81
2	Temperature (degree C)			23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
3	Total Dissolved Solid (mg/L)	500/500	2000/2000	190.2	190.0	191.2	191.4	191.2	189.9	191.2	189.9
4	Turbidity (NTU)	1/1	5/10	1.53	1.72	1.25	1.65	1.71	1.81	1.50	1.74
5	Residual Free Chlorine (mg/L)	0.2/0.2	0.2/1.0	0.6	0.55	0.4	0.35	0.3	0.45	0.5	0.5
6	Odour	Agreeable/ Agreeable	Agreeable/ Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
В.	Chemical Test Results:						•				
7	Total Hardness (mg/L)	200/200	600/600	169.08	169.08	169.08	169.08	169.08	165.14	169.08	165.14
8	Total Alkalinity (mg/L)	200/200	600/600	164	164	164	168.10	164	164	164	168.10
9	Iron(as Fe), mg/L	1.0/0.1	1.0/1.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
10	Chloride (mg/L)	250/200	1000/1000	20.74	20.74	18.85	18.85	18.85	18.85	20.74	20.74
C .B	acteriological Test Results :										
11	Total Coliform (CFU/100 ml)	Absent/Absent	Absent/Absent	NF	NF	NF	NF	NF	NF	NF	NF
12	Fecal Coliform (CFU/100 ml)	Absent/Absent	Absent/Absent	NF	NF	NF	NF	NF	NF	NF	NF
	O H R _ OVER HEAD RESE	IDVOID NE NOT FOUND						1		1	

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.

Date of Testing: 28.01.2022