

**Off Take Point on KC Canal at 21.50 K.M near Munagalapadu**



**Summer Storage Tank**



# Log Book of Residual Chlorine Maintained at Head Water Works

21/10/2021 Residual chlorine

Time	3.00 PM	4.00 PM	5.00 PM	6.00 PM	AE	DYE
9:00 AM	2.0 ppm	✓				
10:00 AM	2.0 ppm	✓				
11:00 AM	2.0 ppm	✓				
12:00 PM	2.0 ppm	✓				
1:00 PM	2.0 ppm	✓				
2:00 PM	2.0 ppm	✓				
3:00 PM	2.0 ppm	✓				
4:00 PM	2.0 ppm	✓				
5:00 PM	2.0 ppm	✓				

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CS Scanned with CamScanner

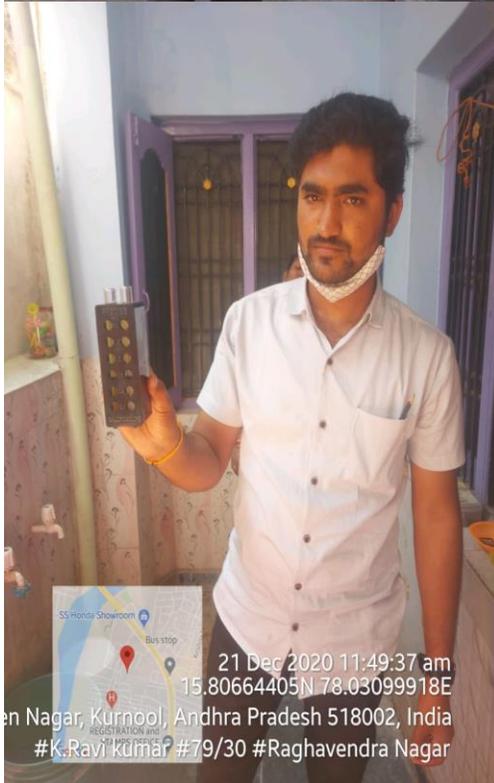
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3:00 PM	2.0 ppm	✓				
4:00 PM	2.0 ppm	✓				
5:00 PM	2.0 ppm	✓				

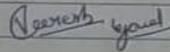
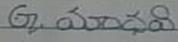
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# Measuring Residual Chlorine content during distribution of Water



## Log Book of Residual Chlorine

S no	Date of Tested	Address	Name of the Owner	Residual Chlorine in ppm	Signature of Consumer
1	24/12/2020	Balainagar 81/306-1-A-2	T.V. Subba Reddy	0.2	 9849524728
2	26/12/2020	Sapthagiri nagar 81/346	D. Narayana	0.2	 70133 52437
3	28/12/2020	Balainagar 81/340-3	K. Chinna Subhan	< 0.1	Shafi 79894 80160
4	28/12/2020	Aruna nagar 81/310-2-0-1	K. Chandranna	0.2	
5	30/12/2020	Vijji Nagar 81/310-13	R. Chennaiah	0.2	R. Chennaiah 9494388411
6	1/01/2021	Vijji Nagar 81/331-1	Chinna Venkata Swamy	0.2	
7	1/01/2021	Vijji Nagar 81/317	Shakulanthamma	0.1	(At tail end) B 7:50 ede B
8	03/01/2021	Vijji Nagar 81/315-A9	M. Remudu M. Jayamma	0.1	M. Rishu
9	03/1/2021	Bukmini nagar 81/330-1-2	S. Raghunath	0.2 At starting	S. Rajini
10	05/01/2021	Sharada nagar 81/337	Veeranna	0.2 At ending	minima
11	07/01/2021	Balainagar 81/337-1-A	Satyam	1.0	M. Satya

(JDB)

# Water Analysis Report



**REGIONAL PUBLIC HEALTH LABORATORY**  
**KURNOOL MEDICAL COLLEGE CAMPUS: KURNOOL – AP**  
 (Under the Control of the Directorate, I.P.M. P.H. Labs., Gollapudi Vijayawada)

**REPORT OF CHEMICAL EXAMINATION OF WATER**

Name & Address of Sender	MPL PROTECTED WATER SUPPLY-KURNOOL MPL CORPORATION		
Sender's Ref.. Number		Collected by	Engineering staff
Date of Sample Collected	11 <sup>th</sup> DECEMBER 2020	Date of Receipt	11 <sup>th</sup> DECEMBER 2020
Lab Reference Number	1148/C/2020	Receipt Number	NA
Source of the Sample	Clear Water from 9 MGD Treatment plant of Ashok nagar* sample tested as received basis		

**RESULTS**

**PHYSICAL CHARACTERISTICS**

S.No	Characteristics	Results	Lower and Upper permissible limit as per IS 10500 2012
01	Appearance	Normal	Normal
02	Colour	05	5-10 HU
03	Turbidity (Units)	05	10NTU
04	Odour	No odour	Unobjectionable

**CHEMICAL CHARACTERISTICS**

S.No	Characteristics	Results	Lower and Upper permissible limit as per IS 10500 2012
05	pH	7.2	6.5 – 8.5
06	Electrical Conductivity (Microhoms/cm at 25°C)	1120	
The following values are expressed as mgs/L			
07	Dissolved Solids (105°C)	739	500-1500
08	Alkalinity/Phenolphalein	0	
09	Methyl Orange (as Ca CO <sub>3</sub> )	160	300-600
10	Total Hardness (as Ca CO <sub>3</sub> )	220	200-600
11	Carbonate Hardness (as Ca CO <sub>3</sub> )	160	
12	Non-Carbonate Hardness (as Ca CO <sub>3</sub> )	060	
13	Chlorides (as Cl)	280	200
14	Nitrates (as N)	05	45
15	Flourides (as F)	0.8	0.5-1.5
16	Ammonia cal Nitrogen	Nil	Absent
17	Albuminoidal Nitrogen	Nil	Absent
18	Nitrites (as NO <sub>2</sub> )	Nil	Absent
19	Oxygen consumed from KMnO <sub>4</sub>	-	
20	Iron	0.1	1.0
21	Sulphates	80	200
22	Any other sp test * E COLI/Coliform	Absent	NIL

Remarks: \*H2Smethod

All the characteristics are within normal limits for drinking purpose.

  
**SENIOR ANALYST**  
**REGL PUBLIC HEALTH LAB**  
**KURNOOL-518002**



## KURNOOL MUNICIPAL CORPORATION

From,  
Sri.D.K.Balaji, I.A.S.,  
Commissioner,  
Kurnool Municipal Corporation,  
Kurnool.

To,  
The Engineer – In – Chief,  
Public Health,  
Tadepalle,  
Guntur.

**Lr.Roc.No. 93273/2018-E3/STPs, Dt. .08.2020**

Sir,

**Sub:** Kurnool Municipal Corporation – Sewerage Treatment Plants (STPs) – Hon'ble National Green Tribunal Orders in OA No 673/2018 on restoration of water quality in identified polluted stretches - Resubmission of Detailed Project Report for Rs.348.29 Cr – Regarding.

**Ref:** 1) Lr.No.79/T6/MCR/APPCB/River Rejuvenation/2019/1, dt.02.08.2019 of Engineer-in-Chief, PH, A.P., Guntur.  
2) This office Lr.Roc.No. 93273/2018-E3/STPs, Dt.05.08.2019.  
3) Lr.No.DB DB/AEE/NGT/KNL/1/2019, dt.09.10.2019 of Superintending Engineer, Public Health Circle, Anantapuramu.

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In continuation to this office letter vide reference 2<sup>nd</sup> cited, I am herewith submitting the Detailed Project Report duly attending technical remarks of the Superintending Engineer, Public Health Circle, Anantapuramu for sewage treatment plants with pumping stations in Kurnool Municipal Corporation limits under river rejuvenation for restoration of water quality in identified polluted stretches in Thungabhadra River of Kurnool Municipal Corporation limits for Rs.348.29 Crs (CAPEX for Rs.302.02 Cr and OPEX for Rs.46.92 Cr).

This is submitted for favour of kind information and further necessary action.

Encl: Detailed Project Report.  
(2 Sets)

Yours faithfully,

  
Commissioner,  
Kurnool Municipal Corporation,  
Kurnool.

01c  
m.e.z. 4/25/8/2020  
S.E.

4/25/8/2020