



ନିର୍ବାହୀ ଇଞ୍ଜିନିୟରଙ୍କ କାର୍ଯ୍ୟାଳୟ
ଗ୍ରାମ୍ୟ ଜଳ ଯୋଗାଣ ଓ ପରିମଳ ଖଣ୍ଡ, ଝାରସୁଗୁଡ଼ା
OFFICE OF THE EXECUTIVE ENGINEER
RURAL WATER SUPPLY & SANITATION DIVISION
JHARSUGUDA

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Letter No. 1683 / Dated. 29.11.22

To,

The Principal
E.M.R.S, Kirmira, Jharsuguda.

Sub: - Test report of Water Samples.

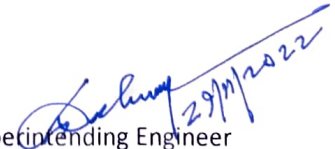
Ref:- Your letter No. 52 Dt. 24.11.2022

Sir,

With reference to the above cited letter and subject I am to send here with the test report of water samples tested in our District Water Testing Laboratory Jharsuguda for taking further necessary action at your end.

Encl Test Report 2 pages

Yours faithfully,


Superintending Engineer
RWS&S Division, Jharsuguda

DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, JHARSUGUDA

email. -labjharsuguda@gmail.com



WATER ANALYSIS REPORT

TEST REPORT NO.- DWTL- 142/2022

Dt.29.11.2022

Sample Particulars

Details of Sampling

Name of the Customer :-	Office of the Principal E.M.R.S,Kirmira,Jharsuguda.	Type of Source:-	Tube Well
		Date of Sampling:-	Not mention
		Sample receive date:- Vide letter No.	24.11.2022
Sample Package Condition:-			
a) Quantity of Sample Received – 1000 ml each		Sampling Protocol:-	NA
b) Type of Container - Normal Bottle		Sample Collected by:-	Not Specified
		Sample Location:-	Office of the Principal E.M.R.S,Kirmira,Jharsuguda.

TEST RESULT

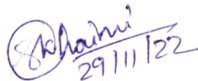
Test started on-		25.11.20222		Test completed on-		29.11.2022	
Sl.	Test Parameters	Units	Results	Requirements IS 10500 : 2012		Test Method	
				Acceptable Limit	Permissible Limit in absence of alternate source		
1	Temperature	°C	25.3°C				
2	Odour*	----	Agreeable	Agreeable	Agreeable	-----	
3	Taste*	----	Agreeable	Agreeable	Agreeable	-----	
4	pH at 25°C	pH Unit	6.03	6.5 to 8.5	No relaxation	APHA, 23rd Ed.2017-4500+B: 2017 Electrometric Method	
5	Turbidity	NTU	0.29	1.0	5.0	APHA23rd Ed.2017-2130 B (Nephelometric Method): 2017	
6	Elect. Conductivity	µmho/cm	175.7	---	----	APHA 23rd Ed.2017- 2510 B: 2017 Electrometric Method	
7	Total Dissolved Solids (TDS)	mg/l	114	500	2000	CALCULATION METHOD	

8	Chloride	mg/l	22	250	1000	APHA23rd Ed.2017-4500 Cl B (Argentometric Method): 2017
9	Total Hardness (as CaCO ₃)	mg/l	44	200	600	APHA23rd Ed. 2017- 2340 C (Titrimetric Method): 2017
10	Total Alkalinity (as CaCO ₃)	mg/l	10	200	600	APHA23rd Ed. 2017 2320 B(Titration Method): 2017
11	Fluoride	mg/l	0.82	1.50	1.50	SPADNS Method
12	Total Iron	mg/l	0.037	1.0	No relaxation	APHA23rd Ed.2017- 3500 Fe B (Phenanthroline Method): 2017
13	Total Coliforms	MPN	-ve	No relaxation	No relaxation	H2s Strip

Results relates only to samples received in the Laboratory .

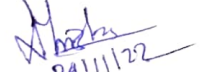
#APHA – American Public Health Association

Tested By


29/11/22
Lab Chemist

District Water Testing Laboratory, Jharsuguda

Verified


29/11/22

***** END OF THE REPORT *****