



(Government of Jharkhand)  
District Level Water Testing Laboratory, Chas. Bokaro  
(NABL Accrediate)  
ITI More, Chas – 827013  
Water Sample Analysis Report

Report No.	DLWTL/ Chas/2023-24/05	Date :-08/05/2023
Name & Address of Customer :	A.R.S. PUBLIC SCHOOL, BSL LH, BOKARO	Ref No.
Source Details :	Treated water	Sample Collected By : customer
Date of Start of Analysis :	02/05/2023	Date of Completion of Analysis 03/05/2023

I. Physicochemical Parameters				
Sl. No.	Parameter	Result	Method Reference	BIS 10500:2012 (Acceptable- Permissible Limits)
1	pH	7.5	APHA-23 <sup>rd</sup> Edition 2017-4500-H'B	6.5-8.5
2	Total Dissolved Solids(TDS)	285	APHA-23 <sup>rd</sup> Edition 2017-2540-C	500-2000
3	Total Alkalinity as Ca CO <sub>3</sub>	168	APHA 23 <sup>rd</sup> Edition 2017-2320-B	200-600
4	Total Hardness as CaCO <sub>3</sub>	240	APHA-23 <sup>rd</sup> Edition 2017-2340-C	200-600
5	Chloride as Cl <sup>-</sup>	103.94	APHA-23 <sup>rd</sup> Edition 2017-4500-Cl-B	250-1000
6	Fluoride as F <sup>-</sup>	0.55	APHA-23 <sup>rd</sup> Edition 2017-4500-F-C	1.0-1.5
7	Total Iron as Fe	0.32	APHA-23 <sup>rd</sup> Edition 2017-3500-Fe-B	1.0
8	Nitrate as NO <sub>3</sub> <sup>+</sup>	0.85	APHA-23 <sup>rd</sup> Edition 2017-4500- NO <sub>3</sub> -B	0-45.0
9	Total Arsenic as As	---	APHA-23 <sup>rd</sup> Edition 2017-3500-As-B	0.01
10	Turbidity (NTU)	1.25	APHA-23 <sup>rd</sup> Edition 2017-2130-B	1-5
11	Calcium as Ca <sup>2+</sup>	105.81	APHA-23 <sup>rd</sup> Edition 2017-3500-Ca-B	75-200
II. Bacteriological Parameters				
12	H2S vials for Bacteriological test	NO	TWAD Board, Chennai	Contamination Found (Yes/No)

Note :- All the Parameters are expressed in milligrams/Liter (mg/L) except pH, Electrical conductivity (µS/cm) and Turbidity (NTU)

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08/05/2023  
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