



District Level Water Testing Laboratory
Office of the Executive Engineer (DW&SD)
Near Adityapur Thana, Jamshedpur-831013
Email: dlwtl.jamshedpur@gmail.com

Report No:	JSR/2023/76	Memo no:	134/21-06-2023
Issue To/ Customer name & Address:	S.D. Public school kairbani, Khakripara, chota gobindpur, Jsr	Sample code:	230619GWJP08
		Sample collected by:	Uma shankar
Sample receive on:	19-06-2023	Sample Description:	Drinking water
Test started on:	19-06-2023	Test completion on	21-06-2023

Sl. No.	Tested Parameter	Unit	Results	Method	Specification as per IS - 10500 2012 (Second Revision)	
					Acceptable Limit	Permissible Limit (Absence of Alternate source)
1	pH, at 25°C	-	6.54	APHA 23 rd Ed.2017-4500-H B, (Electrometric method)	6.5 - 8.5	No relaxation
2	Total Dissolved Solids at 180° C	mg/L max	92	APHA 23 rd Ed.2017-2540 C, Total Dissolved Solids Dried at 180° c	500	2000
3	Turbidity	NTU max	<1	APHA 23 rd Ed 2017-2130 B, (Nephelometric method)	1	5
4	Alkalinity as CaCO ₃	mg/L max	104	APHA 23 rd Ed.2017-2320 B, (Titration method)	200	600
5	Calcium as (Ca)	mg/L max	14.4	APHA 23 rd Ed.2017-3500 Ca B, (EDTA Titration method)	75	200
6	Magnesium as Mg	mg/L max	5.76	APHA 23 rd Ed 2017-3500-Mg B, (Calculation method)	30	100
7	Hardness as CaCO ₃	mg/L max	60	APHA 23 rd Ed 2017-2340 C, (EDTA Titration method)	200	600
8	Fluoride as (F)	mg/L max	0.11	APHA 23 rd Ed 2017-4500 F C, (Ion selective electrode method)	1.0	1.50
9	Chloride(Cl)	Mg/L max	19.85	APHA 23 rd Ed 2017-4500 Cl B, (Argentometric method)	250	1000
10	Taste	-	Agreeable	IS 3025,(Part-7)	Agreeable	-
11	Odour	-	Agreeable	IS 3025,(Part-5)	Agreeable	-
12	colour	Hazen	01	IS 3025,(Part-4)	5	15
13	Iron (Fe)	Mg/L max	-	APHA23 rd Ed 2017-4500FeB, (1.10 Phenanthroline method)	0.3	1.0
13	Total coliform	Cfu/10 0ml	Absent	APHA 9222B 23 rd edition 2017	Shell not be detectable in any 100ml sample	
14	Fecal coliform	Cfu/10 0ml	Absent	APHA 9222D 23 rd edition 2017	Shell not be detectable in any 100ml sample	

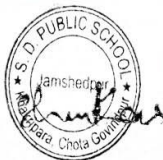
Remarks:-

Specific contractual notes: -

- The results listed refer only to the tested sample and applicable parameter
- This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- This report can not be reproduced, except when in full, without the written permission of the Lab In-charge
- Tested Sample shall be retained up to seven Days from the date of issue of the certificate
- The liability of the laboratory is limited to the invoiced amount
- All disputes are subjected to the Ranchi Jurisdiction.
- NOTE:- BDL=Below Detection Limit / DL=Delection Limit.

Subroja Kumari
21/06/2023
Authorised Signatory
(Technical Manager)

Manisha



End of the Test Report

The Manager
S.D. Public School
Khakripara, Jamshedpur
Purbi Singhbhum.