

GHANA WATER COMPANY LIMITED

Main Bankers: GCB Bank Limited
Societe Generale Ghana
National Investment Bank



Brong Ahafo Region
Post Office Box 88
Sunyani - Ghana
West Africa
BS-0492-1921

My Ref. No.:.....

Your Ref. No.:.....

30th JANUARY, 2023

Attn. YAA ADU POKUA

CERTIFICATE OF ANALYSIS

SAMPLE DESCRIPTION: BOREHOLE, STREAM, RIVER	DATE OF ANALYSES: 14/12/2022
SAMPLE TAKEN BY: CLIENT	ANALYSED BY: SANDRA SARFOWAA SARPOMAA
SAMPLE RECEIVED BY: PEPERTUAL PEPRAH	VERIFIED BY: LYDIA AGYEIWAA (W.Q.A SUPERVISOR)
LOCATION: KWASIKORANKUROM (BOREHOLE), ASUOGYA (STREAM), AHANYASO (RIVER)	

TEST RESULTS

PHYSICO-CHEMICAL ANALYSIS:				DATE OF ANALYSIS: 13/01/2023		
PARAMETER	TEST METHOD	UNITS	GHANA STANDARD SPECIFICATION	RESULTS		
				BOREHOLE	STREAM	RIVER
Temperature		°C	-	27.80	28.10	25.00
pH	Electrometric	-	6.5-8.5	7.20	7.70	8.20
Turbidity	Nephelometric	NTU	5	0.14	17.60	18.00
Conductivity	Electrometric	µs/cm	-	708.00	312.00	219.00
Total Dissolved Solids	Electrometric	mg/l	1000	354.00	156.00	110.00
Alkalinity	Titrimetric	mg/l	-	590.00	222.00	144.00
Calcium	Titrimetric	mg/l	-	40.80	25.60	24.00
Magnesium	Titrimetric	mg/l	-	56.86	13.12	5.35
Chloride	Argentometric titration	mg/l	250	96.00	84.00	56.00
Nitrite	HACH 10019	mg/l	3.0	0.00	0.00	0.01
Nitrate	HACH 8039	mg/l	50	4.00	2.20	1.70
Sulphate	HACH 8051	mg/l	250	7.00	1.00	2.00
Fluoride	HACH 8029	mg/l	1.5	0.10	0.27	0.14

Board of Directors: Hon. Patrick Yaw Boamah (Chairman), Ing. Dr. Clifford A. Braimah (Managing Director), Mr. Noah Tumfo, Mr. Michael Ayesu, Hon. Akwasi Konadu, Chief Kabachewura Ewintomah Zakaria, Hon. Kwame Amporfo Twumasi Surv. Prof. Forster Kum-Ankama Sarpong, Mrs. Vida Duti, Mr. Joseph Acolatse, Ing. Hadisu Alhassan
Registered Office: 28th February Road, (Near Independence Square)
Telephone: 233-508-300-537

Website: www.gwcl.com.gh E-mail: info@gwcl.com.gh

Iron	HACH 8008	mg/l	0.3	0.01	0.52	1.26
Manganese	HACH 8034	mg/l	0.4	0.1	0.30	0.40
Chromium	HACH 10218	mg/l	-	0.05	0.00	0.00
Aluminium	HACH 8012	mg/l	0.2	0.08	0.04	0.06
Arsenic	2822800(EZ arsenic)	mg/l	0.01	0.00	0.00	0.00

Note: These results are only applicable to the sample(s) submitted to the laboratory.



Andrew N. Sadique
(Asst. WQA Officer)