

SCHOOL SITE

Sulphate (SO ₄)	19	mg/l	22.6	250
Phosphate (PO ₄ -P)	17	mg/l	0.309	-
Manganese	26	mg/l	0.016	0.4
Nitrite (NO ₂ -N)	14	mg/l	0.008	1.0
Nitrate (NO ₃ -N)	15	mg/l	0.288	10
Total Hardness (as CaCO ₃)	25	mg/l	150	500
Total Alkalinity (as CaCO ₃)	22	mg/l	82.0	-
Calcium Hardness (as CaCO ₃)	23	mg/l	82.2	-
Mag. Hardness (as CaCO ₃)	26	mg/l	67.8	-
Fluoride	20	mg/l	0.404	1.5
Bicarbonate (as CaCO ₃)	22	mg/l	112	-
Carbonate	22	mg/l	0.00	-

Remarks: Turbidity level exceeded the WHO guideline value. However, the other physico-chemical constituents of the water sample are satisfactory.

Approved by:


 S. J. O. Ogunyinka (Head, ECD)
 P. O. BOX 38 ACHIMOTA

The report shall not be reproduced in part or in full, without the written approval of the test laboratory. The analytical results relate only to the samples analysed. The bracket (<) indicates value below detection limit.

SCHOOL SITE



Analysis Results

Water Research Institute, Environmental Chemistry Division

CSIR Premises, Airport Res. Area

P. O. Box M. 32

Accra, Ghana

Phone: (+233-21) 775351/52 Fax: (+233-21) 777170 E-mail: info@csir-water.com

Order ID	Company Name
Contact First Name	Contact Last Name
Billing Address	City Accra
Postal Code	
Community Ashanti Region	Site Name
Sample ID Besoro BH 1	Receipt date 16/03/09
Analysis start date 16/03/09	Analysis stop date 20/03/09

Parameter	Method No.	Unit	Value	WHO Guideline
Turbidity	3	NTU	7.65	5
Colour (apparent)	2	Hr	7.50	15
Odour		-	-	Inoffensive
PH	4	pH Units	6.92	6.5-8.5
Conductivity	1	$\mu\text{S/cm}$	544	-
Tot. Susp. Solids (SS)	5	mg/l	4.00	-
Tot. Dis. Solids (TDS)	6	mg/l	299	1000
Sodium	30	mg/l	38.6	200
Potassium	29	mg/l	5.60	30
Calcium	23	mg/l	32.9	200
Magnesium	26	mg/l	16.5	150
Total Ion	31	mg/l	0.089	0.3
Ammonium ($\text{NH}_4\text{-N}$)	13	mg/l	<0.001	0.05-1.5
Chloride	24	mg/l	101	250

SITE IN THE VELLY



Analysis Results

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Order ID

Company Name

Contact First Name

Contact Last Name

Billing Address

Postal Code

City Accra

Community Ashanti Region

Site Name

Sample ID Besoro BH2

Receipt date 16/03/09

Analysis start date 16/03/09

Analysis stop date 18/03/09

Parameter	Method No.	Unit	Value	WHO Guideline
Turbidity	3	NTU	5.06	5
Colour (apparent)	2	Hr	7.50	15
Odour		-	-	Inoffensive
PH	4	pH Units	7.08	6.5-8.5
Conductivity	1	$\mu\text{S}/\text{cm}$	437	-
Tot. Susp. Solids (SS)	5	mg/l	2.00	-
Tot. Dis. Solids (TDS)	6	mg/l	240	1000
Sodium	30	mg/l	32.8	200
Potassium	29	mg/l	5.70	30
Calcium	23	mg/l	33.7	200
Magnesium	28	mg/l	10.7	150
Total Iron	31	mg/l	0.007	0.3
Ammonium ($\text{NH}_4\text{-N}$)	13	mg/l	<0.001	0.00-1.5
Chloride	24	mg/l	79.4	250
Sulphate (SO_4)	19	mg/l	20.4	250
Phosphate ($\text{PO}_4\text{-P}$)	17	mg/l	0.221	-

SITE IN THE VELLY

Manganese	26	mg/l	0.014	0.4
Nitrite (NO ₂ -N)	14	mg/l	0.008	1.0
Nitrate (NO ₃ -N)	15	mg/l	0.400	10
Total Hardness (as CaCO ₃)	25	mg/l	128	500
Total Alkalinity (as CaCO ₃)	22	mg/l	80.0	-
Calcium Hardness (as CaCO ₃)	23	mg/l	84.2	-
Mag. Hardness (as CaCO ₃)	28	mg/l	43.8	-
Fluoride	20	mg/l	0.411	1.5
Bicarbonate (as CaCO ₃)	22	mg/l	97.6	
Carbonate	22	mg/l	0.00	

Remarks: Turbidity level exceeded the WHO guideline value. However, the other physico-chemical constituents of the water sample are satisfactory.

Approved by:

[Signature]
 ANALYTICAL CHEMISTRY
 P. O. BOX 38 ACHIMOTA

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