



SEEG
Water Center Laboratory

ANALYSIS REPORT

Numéro : 22.236

NORMAND
WOODSBOIS

Your reference :

MOUILA
GABON

Validation date :

Printing date : 22/03/2022

Contractor : NORMAND Olivier

Owner : NORM - NORMAND Olivier

Sampling : Internal method

Analysis reason : Permanent monitoring

Comment upon receipt : Delivery time exceeded for priorities 1 .
Enclosure temperature exceeded.

Echantillon n°22.236.1

Origin : WOOD-BOIS-MOUILA

Sampling date : 31/01/2022 14:15

Product : uncharged water

Owner : NORMAND

Date of receipt : 02/02/2022

Entitled : WOOD-BOIS-MOUILA

Analysis start date : 02/02/2022

Text reg. : 15:00 WHO quality guidelines for drinking water

Setting	Analysis method	Vigilance	CMA*	Result
<u>Germs test</u>				
Coliform bacterias Comment : Saprophytic flora, some colonies (S2+)	NF EN ISO 9308-1		0	0 ufc/100 ml
Escherichia coli	NF EN ISO 9308-1		0	0 ufc/100 ml
Enterococci	NF EN ISO 7899-2		0	0 ufc/100ml
<u>Organoleptic characteristics</u>				
Color	NF EN ISO 7887		< 15	<10 mg Pt/l
Color true	NF EN ISO 7887		< 15	<10 mg Pt/l
Turbidity	NF EN 7027		< 5	1.4 FNU
<u>Calco carbon balance</u>				
Composite Alkalinity (TA) A	NF EN ISO 9963-1			0,0 °F
Total Alkalinity (TAC)	NF EN ISO 9963-1			<2 °F
Marble Test agressif CO2	Marble test			23,7 mg CO2/l
Marble test pH	Marble test			6,90 Unit pH
Marble test TAC	Marble test			14,0 °F
pH Comment : Measuring Temperature : 24,5° C	NF EN ISO 10523		> 6,5 et < 8,5	5,50 Unit pH
<u>Mineralisation</u>				
Conductivity 25°C Comment : Measuring temperature :24,5° C Comment : Correction using a temperature compensation device	NF EN 27888			30 µS/cm

SEEG

Société d'Énergie et d'Eau du Gabon
S.A au capital de 15 milliards de Fcfa
RC 2001B00739 - Statistique n°090326 G
B.P. 2187 Libreville
Tél. +241 01 76 12 82 - Fax +241 01 76 11 34
e-mail : courants@seeg-gabon.com
Site web : www.seeg.ga

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Chlorides	NF EN ISO 10304-1		< 250	<5 mg Cl/l
Potassium	NF T 90-019		< 12	<1 mg/l
Sodium	NF T 90-019		< 200	2,2 mg/l
Sulphates	NF EN ISO 10304-1		< 250	<5 mg SO4/l
Calcium	Internal method by ICP-MS			1.34 mg/l
Magnesium	Internal method by ICP-MS			0.73 mg/l
<u>Iron and Manganese</u>				
Iron	Internal method by ICP-MS		< 300	37.81 µg/l
<u>Nitrogen and phosphorus parameters</u>				
Nitrite	NF EN 26777		< 0,2	<0.05 mg NO2/l
Nitrate	NF EN ISO 10304-1		< 50	<0.5 mg NO3/l
Phosphorus	NF EN ISO 10304-1			<0.37 mg P2O5/L
Orthophosphates	NF EN ISO 10304-1		< 5	<0.5 mg PO4/l
<u>Oxygene and organics</u>				
Total organic carbon	NF EN 1484			0,5 mg C/l
Permanganate Index	NF EN ISO 8467		< 5	< 0.5 mg O2/l
<u>Trace elements and micropollutants</u>				
Fluorides	NF EN ISO 10304-1		< 1,5	<0.5 mg F/l
Aluminium	Internal method by par ICP-MS		< 200	55.94 µg/l
Barium	Internal method by ICP-MS		< 700	<10 µg/l
Cadmium	Internal method by ICP-MS		< 3	<1 µg/l
Copper	Internal method by ICP-MS		< 2	<0.05 mg/l
Zinc lead	Internal method by ICP-MS		< 10	<2 µg/l
Selenium	Internal method by ICP-MS			<0.05 mg/l
	Internal method by ICP-MS		< 10	<2 µg/l
<u>Various organics micropollutants</u>				
hydrocarbon Index outsourcing DGEL (General directorate of studies and laboratories)	T 90-114			<0.1 mg/L

Aude AKOE MBA



Head of Water Laboratories division

The dates of execution of the test is available on request

Results refer only to the item tested as received

CMA* : Minimum or maximum permissible concentration defined in the regulatory text

Vigilance : Guide level defined in the regulatory text or alert threshold provided by the customer

The data preceded by a line are modifications made after corrections

The underlined results an overrun of the threshold(s)

The results formulated with the symbols less than "<" refer to the quantification limit of the method.

To declare compliance or not, the uncertainty associated with the result has not been taken into account

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