BUTUAN CITY WATER DISTRICT

Gov. Jose A. Rosales Ave., Butuan City
Tel. Nos. 143 (Hotline) 342-3145/46 (Bayantel) 815-9904 (Philcom)
225-2232/1622 (Cruztelco) Fax No. 341-5008

DOH Certificate of Accreditation No.: 16-001-16-LW-1

Requested by	: BUENAVISTA WATER DISTRICT	Laboratory Sample No.: PC17-234
Address	: Rizal Ave., Buenavista , Agusan del Norte	Date Reported: Sept. 25, 2017
Contact No.	: 343-4037	O.R. No.: 6325641
Collected by	: E. Haranay	O.R. Date: Sept. 18, 2017
Date and Time of		
Collection	: Sept.18, 2017/11:15am	
Receipt	: Sept. 18, 2017/1:50pm	
Examination	: Sept. 21-23 2017	
Sample Source	: Deepwell/PS4	
Sampling Location	: Rizal, Buenavista	

WATER QUALITY DIVISION RECEIVED DATE: 10-6-17 TIME: 3:45pm BY: BCWD

WATER ANALYSIS: PHYSICAL AND CHEMICAL

Parameters	*PNSDW Maximum Level (mg/L) or Characteristic	Result	Method
PHYSICAL			
Odor	Unobjectionable	unobjectionable	Sensory
Temperature	°C	25.1	Conductimetric
Color Apparent	10 Color units	9	APHA Platinum-Cobalt
Turbidity	5 NTU**	1.03	Turbidimetric
CHEMICAL			
pH	6.5-8.5	7.15	Glass electrode
	5-7 undergo RO or distillation process		
Salinity	_ ppt	0.3	Conductimetric
Specific Conductance	_ uS/cm	697.00	Conductimetric
Total Suspended Solids	_ mg/L	1	Photometric
TDS(total dissolved solids)	500 mg/L	339	Conductimetric
	<10 undergo RO or distillation process		
Iron	1.0 mg/L	0.01	Ferrover
Sulfate	250 mg/L	0	Sulfaver4
Chloride	250 mg/L	34.74	Argentometric
Copper	1.0 mg/L	0.08	Bicinconinate
Fluoride	1.0 mg/L	0.18	SPADNS
Nitrate	50 mg/L	6.60	Cadmium Reduction
Alkalinity	_ mg/L	332.78	Titration/Methyl orange
Bicarbonates	_ mg/L	314.00	Titration
Carbonates	_ mg/L	45.24	Titration
Total Hardness	300 mg/L	311	EDTA Titration
Magnesium(as CaCO3)	_ mg/L	41.9	Calculation
Calcium (as CaCO3)	_ mg/L	108	EDTA Titration
NON-COMPLYING PARAMETERS		*Total Hardness*	

*PNSDW: Philippine National Standards for Drinking Water

Remarks:Results relate only to sample as submitted and tested.

Certified:

MEINHEART S. CATACTE, RCh.
Sr. Chemist
PRC Reg. No.: 9034

Noted:

ANSELMO L. SANG TIAN, CE
General Manager A

09/26/2017