

Republic of the Philippines
LEYTE METROPOLITAN WATER DISTRICT

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PHYSICO-CHEMICAL TEST RESULTS FOR WATER

I. CLIENT DETAILS

Name of Client: **CATBALOGAN WATER DISTRICT**
 Company Name: **CATBALOGAN WATER DISTRICT**
 Address: Pier 2, Brgy. 4, Catbalogan, City

II. SAMPLE DETAILS

Sample Source: Deepwell
 Submitted by: ZALDY MAHINAY
 Date of Sampling: February 21, 2014
 Time of Sampling: 5:40 AM
 Date of Analysis: February 21, 2014
 Sampling Point:
 Sample Location: Culador
 Date Received: February 21, 2014
 Time Received: 4:00 PM
 Date of Report: February 23, 2014

III. ANALYSIS RESULTS

PARAMETER	METHOD OF ANALYSIS	RESULTS	PERMISSIBLE LIMITS
AESTHETIC			
Color	Colorimetric	-	≤ 5 TCU
Turbidity	Nephelometric	5.34NTU	≤ 5 NTU
PHYSICAL			
pH	Direct Measurement	7.45	6.5 - 8.5
Conductivity	Direct Measurement	409 μS	
Resistivity	Direct Measurement	-	
Salinity	Direct Measurement	0.5 g/L	
Total Dissolved Solids	Direct Measurement	245 mg/L	≤ 500 mg/L
Water Temperature	Direct Measurement	-	24.9 °C
CHEMICAL			
Inorganic			
Alkalinity	Titration	193 mg/L	≤ 150 mg/L @ pH=4.8
Ammonia	Distillation	0.112 mg/L	not greater than 250 mg/L
Boron	Carmine	0.3 mg/L	≤ 0.50 mg/L
Chloride	Argentometric	12.5 mg/L	≤ 250 mg/L
Iron	Phenanthroline	*ND	≤ 1 mg/L
Manganese	Persulfate	0.087 mg/L	≤ 0.50 mg/L
Nitrate	Distillation	0.554 mg/L	≤ 50 mg/L
Nitrite	Spectrophotometric	0.001 mg/L	≤ 3 mg/L
Residual Chlorine	o-Tolodine Colorimetric	-	0.50 - 1.50 ppm

REMARKS:

- The results given in this report were obtained at the time of the test and refer only to the particular sample submitted.
- This result shall not be reproduced unless in full.

REFERENCES:

- American Public Health Association (APHA).1992. Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Philippine National Standards for Drinking Water.2007. Department of Health.

*ND = NOT DETECTED

Analyzed by: *KZabala*
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