

RESULTS OF ANALYSES

Location: **Sector 6**
Address: Clark Freeport Zone, Clark Field Pampanga

Date & Time Sampled: August 01, 2018 / 10:16 A.M.
Date Received: August 01, 2018
Matrix: Drinking Water
Analyst: Rialyn D. Valencia, Joan Camille S. Valencia, Jelomir V. Abcede
Sample ID No.: DL18-08-1589

BACTERIOLOGICAL EXAMINATION					
TEST	TEST METHOD	DATE ANALYZED	UNIT	RESULT	PNSDW LIMIT
Total Coliform	MTFT	August 01, 2018	MPN/100 mL	<1.1	<1.1
Thermotolerant Coliform	MTFT	August 01, 2018	MPN/100 mL	<1.1	<1.1
HPC	Pour Plate	August 01, 2018	CFU/ mL	<1	<500
PHYSICAL CHEMICAL EXAMINATION					
pH	Electrometric	August 01, 2018	-	6.69	6.5 – 8.5
Temperature	Laboratory & Field Method	August 01, 2018	°C	29.7	-
Chloride	Titrimetric	August 02, 2018	mg/L	10	250
Turbidity	Nephelometric	August 01, 2018	NTU	<0.05	5
Color (Apparent)	Visual Comparison	August 01, 2018	PCU	2.5	10
Iron	Colorimetric	August 01, 2018	mg/L	<0.02	1
Manganese	Colorimetric	August 01, 2018	mg/L	<0.1	0.4
Total Dissolved Solids	Conductivity Probe	August 01, 2018	mg/L	128	600
Total Hardness	Titrimetric	August 02, 2018	mg/L	103	300
Residual Chlorine**	Colorimetric	-	mg/L	0.99	0.30 – 1.50

**=Monthly average, NTU=Nephelometric Turbidity Unit, PCU=Platinum Cobalt Unit, MTFT=Multiple Tube Fermentation Technique, MPN=Most Probable Number, CFU=Colony Forming Unit

References: Philippine National Standard for Drinking Water, 2017

Remarks: Values obtained were based on water sample collected.