

## RESULTS OF ANALYSES

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

Date & Time Sampled: February 14, 2018 / 9:57 A.M.  
Date Received: February 14, 2018  
Matrix: Drinking Water  
Analyst: Rialyn D. Valencia, Kristelle Cassandra D. David  
Sample ID No.: DL18-02-0310

BACTERIOLOGICAL EXAMINATION					
TEST	TEST METHOD	DATE ANALYZED	UNIT	RESULT	PNSDW LIMIT
Total Coliform	MTFT	February 14, 2018	MPN/100 mL	<1.1	<1.1
Thermotolerant Coliform	MTFT	February 14, 2018	MPN/100 mL	<1.1	<1.1
HPC	Pour Plate	February 14, 2018	CFU/ mL	14	<500
PHYSICAL CHEMICAL EXAMINATION					
pH	Electrometric	February 14, 2018	-	6.43	6.5 – 8.5
Temperature	Laboratory & Field Method	February 14, 2018	°C	28.3	-
Chloride	Titrimetric	February 15, 2018	mg/L	11	250
Turbidity	Nephelometric	February 14, 2018	NTU	<0.05	5
Color (Apparent)	Visual Comparison	February 14, 2018	PCU	2.5	10
Iron	Colorimetric	February 14, 2018	mg/L	0.02	1
Manganese	Colorimetric	February 14, 2018	mg/L	<0.1	0.4
Total Dissolved Solids	Conductivity Probe	February 14, 2018	mg/L	132	600
Total Hardness	Titrimetric	February 15, 2018	mg/L	96	300
Residual Chlorine**	Colorimetric	-	mg/L	0.66	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.