

RESULTS OF ANALYSES

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

Date & Time Sampled: May 09, 2018 / 10:15 A.M.
Date Received: May 09, 2018
Matrix: Drinking Water
Analyst: Rialyn D. Valencia, Kristelle Cassandra D. Dela Cruz
Sample ID No.: DL18-05-0942

BACTERIOLOGICAL EXAMINATION					
TEST	TEST METHOD	DATE ANALYZED	UNIT	RESULT	PNSDW LIMIT
Total Coliform	MTFT	May 09, 2018	MPN/100 mL	<1.1	<1.1
Thermotolerant Coliform	MTFT	May 09, 2018	MPN/100 mL	<1.1	<1.1
HPC	Pour Plate	May 09, 2018	CFU/ mL	<1	<500
PHYSICAL CHEMICAL EXAMINATION					
pH	Electrometric	May 09, 2018	-	6.63	6.5 – 8.5
Temperature	Laboratory & Field Method	May 09, 2018	°C	28.5	-
Chloride	Titrimetric	May 10, 2018	mg/L	10	250
Turbidity	Nephelometric	May 09, 2018	NTU	<0.05	5
Color (Apparent)	Visual Comparison	May 09, 2018	PCU	2.5	10
Iron	Colorimetric	May 09, 2018	mg/L	0.05	1
Manganese	Colorimetric	May 09, 2018	mg/L	<0.1	0.4
Total Dissolved Solids	Conductivity Probe	May 09, 2018	mg/L	114	600
Total Hardness	Titrimetric	May 10, 2018	mg/L	89	300
Residual Chlorine**	Colorimetric	-	mg/L	0.88	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.