

RESULTS OF ANALYSES

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

Date & Time Sampled: October 02, 2018 / 2:38 P.M.
Date Received: October 02, 2018
Matrix: Drinking Water
Analyst: Rialyn D. Valencia, Joan Camille S. Valencia, Jelomir V. Abcede
Sample ID No.: DL18-10-2028

BACTERIOLOGICAL EXAMINATION					
TEST	TEST METHOD	DATE ANALYZED	UNIT	RESULT	PNSDW LIMIT
Total Coliform	EST	October 02, 2018	MPN/100 mL	<1.1	<1.1
E.Coli	EST	October 02, 2018	MPN/100 mL	<1.1	<1.1
HPC	Pour Plate	October 02, 2018	CFU/ mL	28	<500
PHYSICAL CHEMICAL EXAMINATION					
pH	Electrometric	October 02, 2018	-	6.81	6.5 – 8.5
Temperature	Laboratory & Field Method	October 02, 2018	°C	28.7	-
Chloride	Titrimetric	October 03, 2018	mg/L	5	250
Turbidity	Nephelometric	October 02, 2018	NTU	<0.05	5
Color (Apparent)	Visual Comparison	October 02, 2018	PCU	2.5	10
Iron	Colorimetric	October 02, 2018	mg/L	<0.02	1
Manganese	Colorimetric	October 02, 2018	mg/L	<0.1	0.4
Total Dissolved Solids	Conductivity Probe	October 02, 2018	mg/L	130	600
Total Hardness	Titrimetric	October 03, 2018	mg/L	91	300
Residual Chlorine**	Colorimetric	-	mg/L	0.65	0.30 – 1.50

**=Monthly average, NTU=Nephelometric Turbidity Unit, PCU=Platinum Cobalt Unit, EST= Enzyme Substrate Coliform Test(Colilert-18), 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.