

RESULTS OF ANALYSES

Location: **Sector 6**
 Address: Clark Freeport Zone, Clark Field Pampanga
 Date & Time Sampled: April 03, 2019 / 10:57 A.M.
 Date Received: April 03, 2019
 Matrix: Drinking Water
 Analyst: Rialyn D. Valencia, Joan Camille S. Valencia, Jelomir V. Abcede
 Sample ID No.: DL19-04-0733

BACTERIOLOGICAL EXAMINATION					
TEST	TEST METHOD	DATE ANALYZED	UNIT	RESULT	PNSDW LIMIT
Total Coliform	EST	April 03, 2019	in 100-mL	Absent	Absent
Thermotolerant Coliform/E.Coli	EST	April 03, 2019	in 100-mL	Absent	Absent
HPC	Pour Plate	April 03, 2019	CFU/ mL	2	<500
PHYSICAL CHEMICAL EXAMINATION					
pH	Electrometric	April 03, 2019	-	6.83	6.5 – 8.5
Temperature	Laboratory & Field Method	April 03, 2019	°C	28.6	-
Chloride	Titrimetric	April 04, 2019	mg/L	9	250
Turbidity	Nephelometric	April 03, 2019	NTU	<0.06	5
Color (Apparent)	Visual Comparison	April 03, 2019	PCU	5	10
Iron	Colorimetric	April 03, 2019	mg/L	<0.02	1
Manganese	Colorimetric	April 03, 2019	mg/L	<0.1	0.4
Total Dissolved Solids	Conductivity Probe	April 03, 2019	mg/L	118	600
Total Hardness	Titrimetric	April 04, 2019	mg/L	109	300
Residual Chlorine**	Colorimetric	-	mg/L	0.77	0.30 – 1.50

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

References: Philippine National Standard for Drinking Water , 2017

Remarks: Values obtained were based on water sample collected.