

## RESULTS OF ANALYSES

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

Date & Time Sampled: February 12, 2019 / 2:45 P.M.  
Date Received: February 12, 2019  
Matrix: Drinking Water  
Analyst: Rialyn D. Valencia, Joan Camille S. Valencia, Jelomir V. Abcede  
Sample ID No.: DL19-02-0336

### BACTERIOLOGICAL EXAMINATION

TEST	TEST METHOD	DATE ANALYZED	UNIT	RESULT	PNSDW LIMIT
Total Coliform	EST	February 12, 2019	in 100-mL	Absent	Absent
E.Coli	EST	February 12, 2019	in 100-mL	Absent	Absent
HPC	Pour Plate	February 12, 2019	CFU/ mL	75	<500

### PHYSICAL CHEMICAL EXAMINATION

pH	Electrometric	February 12, 2019	-	6.65	6.5 – 8.5
Temperature	Laboratory & Field Method	February 12, 2019	°C	28.6	-
Chloride	Titrimetric	February 13, 2019	mg/L	9	250
Turbidity	Nephelometric	February 12, 2019	NTU	<0.06	5
Color (Apparent)	Visual Comparison	February 12, 2019	PCU	<2.5	10
Iron	Colorimetric	February 12, 2019	mg/L	<0.02	1
Manganese	Colorimetric	February 12, 2019	mg/L	<0.1	0.4
Total Dissolved Solids	Conductivity Probe	February 12, 2019	mg/L	118	600
Total Hardness	Titrimetric	February 13, 2019	mg/L	111	300
Residual Chlorine**	Colorimetric	-	mg/L	0.88	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.