

RESULTS OF ANALYSES

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

Date & Time Sampled: January 08, 2019 / 9:59 A.M.
Date Received: January 08, 2019
Matrix: Drinking Water
Analyst: Rialyn D. Valencia, Joan Camille S. Valencia, Jelomir V. Abcede
Sample ID No.: DL19-01-0055

BACTERIOLOGICAL EXAMINATION					
TEST	TEST METHOD	DATE ANALYZED	UNIT	RESULT	PNSDW LIMIT
Total Coliform	EST	January 08, 2019	MPN/100 mL	Absent	Absent
E.Coli	EST	January 08, 2019	MPN/100 mL	Absent	Absent
HPC	Pour Plate	January 08, 2019	CFU/ mL	<1	<500
PHYSICAL CHEMICAL EXAMINATION					
pH	Electrometric	January 08, 2019	-	6.53	6.5 – 8.5
Chloride	Titrimetric	January 09, 2018	mg/L	7	250
Turbidity	Nephelometric	January 08, 2019	NTU	0.12	5
Color (Apparent)	Visual Comparison	January 08, 2019	PCU	2.5	10
Iron	Colorimetric	January 08, 2019	mg/L	0.03	1
Manganese	Colorimetric	January 08, 2019	mg/L	<0.1	0.4
Total Dissolved Solids	Conductivity Probe	January 08, 2019	mg/L	110	600
Total Hardness	Titrimetric	January 09, 2019	mg/L	139	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), 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.