

RESULTS OF ANALYSES

Location: **Sector 6**
 Address: Clark Freeport Zone, Clark Field Pampanga
 Date & Time Sampled: May 15, 2019 / 10:57 A.M.
 Date Received: May 15, 2019
 Matrix: Drinking Water
 Analyst: Rialyn D. Valencia, Joan Camille S. Valencia
 Sample ID No.: DL19-05-0977

| BACTERIOLOGICAL EXAMINATION | | | | | |
|--------------------------------|---------------------------|---------------|-----------|--------|-------------|
| TEST | TEST METHOD | DATE ANALYZED | UNIT | RESULT | PNSDW LIMIT |
| Total Coliform | EST | May 15, 2019 | in 100-mL | Absent | Absent |
| Thermotolerant Coliform/E.Coli | EST | May 15, 2019 | in 100-mL | Absent | Absent |
| HPC | Pour Plate | May 15, 2019 | CFU/ mL | <1 | <500 |
| PHYSICAL CHEMICAL EXAMINATION | | | | | |
| pH | Electrometric | May 15, 2019 | - | 6.61 | 6.5 – 8.5 |
| Temperature | Laboratory & Field Method | May 15, 2019 | °C | 28.5 | - |
| Chloride | Titrimetric | May 16, 2019 | mg/L | 8 | 250 |
| Turbidity | Nephelometric | May 15, 2019 | NTU | <0.06 | 5 |
| Color (Apparent) | Visual Comparison | May 15, 2019 | PCU | 2.5 | 10 |
| Iron | Colorimetric | May 15, 2019 | mg/L | <0.02 | 1 |
| Manganese | Colorimetric | May 15, 2019 | mg/L | <0.1 | 0.4 |
| Total Dissolved Solids | Conductivity Probe | May 15, 2019 | mg/L | 115 | 600 |
| Total Hardness | Titrimetric | May 16, 2019 | mg/L | 160 | 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.