

## RESULTS OF ANALYSES

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

Date & Time Sampled: September 05, 2018 / 9:03 A.M.  
Date Received: September 05, 2018  
Matrix: Drinking Water  
Analyst: Rialyn D. Valencia, Joan Camille S. Valencia, Jelomir V. Abcede  
Sample ID No.: DL18-09-1843

| BACTERIOLOGICAL EXAMINATION   |                           |                    |            |        |             |
|-------------------------------|---------------------------|--------------------|------------|--------|-------------|
| TEST                          | TEST METHOD               | DATE ANALYZED      | UNIT       | RESULT | PNSDW LIMIT |
| Total Coliform                | EST                       | September 05, 2018 | MPN/100 mL | Absent | Absent      |
| E.Coli                        | EST                       | September 05, 2018 | MPN/100 mL | Absent | Absent      |
| HPC                           | Pour Plate                | September 05, 2018 | CFU/ mL    | 4      | <500        |
| PHYSICAL CHEMICAL EXAMINATION |                           |                    |            |        |             |
| pH                            | Electrometric             | September 05, 2018 | -          | 6.63   | 6.5 – 8.5   |
| Temperature                   | Laboratory & Field Method | September 05, 2018 | °C         | 27.8   | -           |
| Chloride                      | Titrimetric               | September 06, 2018 | mg/L       | 8      | 250         |
| Turbidity                     | Nephelometric             | September 05, 2018 | NTU        | 0.15   | 5           |
| Color (Apparent)              | Visual Comparison         | September 05, 2018 | PCU        | 2.5    | 10          |
| Iron                          | Colorimetric              | September 05, 2018 | mg/L       | 0.04   | 1           |
| Manganese                     | Colorimetric              | September 05, 2018 | mg/L       | <0.1   | 0.4         |
| Total Dissolved Solids        | Conductivity Probe        | September 05, 2018 | mg/L       | 113    | 600         |
| Total Hardness                | Titrimetric               | September 06, 2018 | mg/L       | 87     | 300         |
| Residual Chlorine**           | Colorimetric              | -                  | mg/L       | 1.07   | 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.