

NATIONAL WATER COMMISSION
EASTERN DIVISION
QUALITY ASSURANCE CHLORINATION DEPARTMENT
WATER QUALITY MONITORING

SUPPLIES TO SCHOOLS

| STATION | Parish | Sample Point | COLLECTED BY | DATE COLLECTED (mm/dd/yy) | DATE EXAMINED (mm/dd/yy) | APPARENT COLOUR (Hazen) | TRUE COLOUR (Hazen) | ODOUR | TURBIDITY (NTU) | CONDUCT (UMHO.cm-1) | pH | TOT. DISSOLVED SOLIDS | TOTAL SOLIDS (mg/L) | TOTAL ALK. (mg/L) | TOTAL HARDNESS (mg/L) | NITRITES (mg/L) | NITRATES (mg/L) | C.O.D | FREE CO ₂ | FLUORIDE (mg/L) | SILICA (mg/L) | MANGANESE (mg/L) | TOTAL IRON (mg/L) | ALUMINUM (mg/L) | CALCIUM (mg/L) | MAGNESIUM (mg/L) | SODIUM (mg/L) | POTASSIUM (mg/L) | SULFATE (mg/L) | CHLORIDE (mg/L) | TOTAL PHOSPHATE | ORTHOSPHATE | M.B.A.S | REMARKS | | |
|---------|--------|--------------|--------------|---------------------------|--------------------------|-------------------------|---------------------|-------|-----------------|---------------------|------|-----------------------|---------------------|-------------------|-----------------------|-----------------|-----------------|-------|----------------------|-----------------|---------------|------------------|-------------------|-----------------|----------------|------------------|---------------|------------------|----------------|-----------------|-----------------|-------------|---------|---------|--|--|
| | | | | 15 | 3 | 500 | 7-8.5 | 500 | 50.0 | 1.50 | 0.05 | 0.30 | 0.200 | 200 | 250 | 250 | | | | | | | | | | | | | | | | | | | | |

| Supplies to the Jessie Rippoll Primary School and Alpha Primary | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------|---------|------------|-----------|-----------|----|----|--|------|-------|-----|-------|-------|-----|-----|-------|------|------|------|------|-------|------|------|-------|------|------|--|-----|------|------|------|--|------------------------------------|
| Monta FP | St. Andrew | Treated | N. Rose | 12-Jun-18 | 12-Jun-18 | ml | ml | | 0.49 | 334.0 | 7.5 | 224.3 | 228.0 | 116 | 164 | 0.000 | 1.3 | 1.60 | 10.3 | 0.00 | 17.08 | 0.01 | 0.03 | 0.006 | 45.8 | 12.1 | | 0.4 | 39.4 | 6.0 | 0.02 | | Cl ₂ Residual = 1.4 ppm |
| Up Park Camp Well | St. Andrew | at Well | S. Solomon | 02-Mar-17 | 02-Mar-17 | | | | 0.31 | 711.0 | 7.4 | | | 311 | 300 | 0.000 | 52.3 | | 24.7 | | | 0.00 | 0.02 | | 83.7 | 22.1 | | | 31.0 | | 0.53 | | |
| Up Park Camp Well | St. Andrew | at Well | S. Solomon | 21-Mar-17 | 21-Mar-17 | | | | 0.26 | 713.0 | 7.2 | | | 313 | 286 | 0.000 | 53.5 | | 38.4 | | | | | | 88.5 | 18.2 | | | | 31.0 | | | |
| Concentrations for the parameters shown generally fall between the high and low values but when the two sources with Monta being the predominant source | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Concentrations for the parameters shown generally fall between the high and low values between the two sources with Monta being the predominant source

| | | | | | | | | | | | | | | | | | | | |
|---|------------|-------|----------|-----------|-----------|-----|--|--|--|-----|-----|-------|------|--|------|--|--|------|------|
| Supply to the Seaward Primary and Junior High | | | | | | | | | | | | | | | | | | | |
| Rio Cobre Main | St. Andrew | Ferry | Operator | 21-Mar-17 | 21-Mar-17 | | | | | | | | | | | | | | |
| | | | | 0.31 | 842.0 | 7.5 | | | | 299 | 332 | 0.000 | 18.2 | | 18.9 | | | | |
| | | | | | | | | | | | | | | | | | | 93.2 | 24.1 |
| | | | | | | | | | | | | | | | | | | | 135 |

The Heart Foundation of Jamaica is a non profit organization that has been promoting heart health since 1971



NATIONAL WATER COMMISSION
EASTERN DIVISION
QUALITY ASSURANCE & CHLORINATION DEPARTMENT
WATER QUALITY MONITORING
EASTERN LABORATORY

Supplies to Schools

Date: July 2018

| | # of samples collected | # of treated water samples pos. with coliform | # of treated water with residual chlorine | % of treated water samples pos. with coliform | % of treated water with residual chlorine |
|--|-------------------------|---|---|---|---|
| STANDARD | Source and Distribution | | | | |
| Supply | | | | | |
| Supplies to the Jessie Ripoll Primary School and Alpha Primary | | | | | |
| Mona F.P. and Up Park Camp Well | 67 | 2 | 63 | 3.0 | 94.0 |
| Supply to the Seaward Primary and Junior High | | | | | |
| Rio Cobre Main | 32 | 1 | 32 | 3.1 | 100.0 |

Note: Both sources and their distribution samples met the quality requirement that less than 5% were found to be positive for coliform bacteria.

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