# CRYSTALLINE ENVIRONMENTAL SERVICES

## CONSULTING TEST REPORT

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|---|---|
| **CUSTOMER: TAFAWUQ FACILITY MANAGEMENT** | DATE: **04-04-2020** |
| SITE LOCATION: **AAL RAYYANA,KALIFA CITY** | SAMPLE POINT: **ETS-1** |

### CHILLED WATER ANALYSIS

| PARAMETER | CONTROL LIMITS | RESULTS |
|---|---|---|
| Ph | 9.0 – 10.5 | 10.39 |
| Conductivity, µs/cm | Max 3500 | 1578 |
| TDS, ppm | -- | 1025 |
| Iron, ppm as Fe | 0 – 2.0 | 0.12 |
| **Treatment Residuals** | | |
| Nitrite, ppm | > 800 | 870 |
| Dipslide | $<10^3$ | ND |

******All test results expressed in parts per million (ppm) as $CaCO_3$ except pH and conductivity (µmhos).***

| COMMENTS: | ACTION: |
|---|---|
| The pH level is satisfactory ⇨ | No action recommended. |
| The Conductivity levels are satisfactory ⇨ | No action recommended. |
| Dissolved iron levels are within the control limits. ⇨ | No action recommended. |
| Corrosion Inhibitor levels are satisfactory ⇨ | No action recommended. |

Reported By

Murugaraaj
Service Engineer

*CLEANER WATER GREENER TOMORROW*

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|---|---|
| CUSTOMER: **TAFAWUQ FACILITY MANAGEMENT** | DATE: **04-04-2020** |
| SITE LOCATION: **AAL RAYYANA,KALIFA CITY** | SAMPLE POINT: **ETS-2** |

### CHILLED WATER ANALYSIS

| PARAMETER | CONTROL LIMITS | RESULTS |
|---|---|---|
| pH | 9.0 – 10.5 | 9.95 |
| Conductivity, µs/cm | Max 3500 | 1228 |
| TDS, ppm | -- | 798 |
| Iron, ppm as Fe | 0 – 2.0 | 0.25 |
| **Treatment Residuals** | | |
| Nitrite, ppm | > 800 | 780 |
| Dipslide | $<10^3$ | ND |

******All test results expressed in parts per million (ppm) as $CaCO_3$ except pH and conductivity (µmhos).***

| COMMENTS: | ACTION: |
|---|---|
| The pH level is satisfactory ⇨ | No action recommended. |
| The Conductivity levels are satisfactory ⇨ | No action recommended. |
| Dissolved iron levels are within the control limits. ⇨ | No action recommended. |
| Corrosion Inhibitor levels are slightly low ⇨ | Please maintain the Nitrite level above 800PPM |

Reported By

Murugaraaj
Service Engineer

*CLEANER WATER GREENER TOMORROW*

# CRYSTALLINE ENVIRONMENTAL SERVICES

## CONSULTING TEST REPORT

| | |
|---|---|
| CUSTOMER: **TAFAWUQ FACILITY MANAGEMENT** | DATE: **04-04-2020** |
| SITE LOCATION: **AAL RAYYANA,KALIFA CITY** | SAMPLE POINT: **ETS-3** |

### CHILLED WATER ANALYSIS

| PARAMETER | CONTROL LIMITS | RESULTS |
|---|---|---|
| pH | 9.0 – 10.5 | 9.49 |
| Conductivity, µs/cm | Max 3500 | 1319 |
| TDS, ppm | -- | 857 |
| Iron, ppm as Fe | 0 – 2.0 | 0.09 |
| **Treatment Residuals** | | |
| Nitrite, ppm | > 800 | 770 |
| Dipslide | $<10^3$ | ND |

******All test results expressed in parts per million (ppm) as $CaCO_3$ except pH and conductivity (µmhos).***

| COMMENTS: | ACTION: |
|---|---|
| The pH level is satisfactory ⇨ | No action recommended. |
| The Conductivity levels are satisfactory ⇨ | No action recommended. |
| Dissolved iron levels are within the control limits. ⇨ | No action recommended. |
| Corrosion Inhibitor levels are slightly low ⇨ | Please maintain nitrite level above 800PPM |

Reported By

Murugaraaj
Service Engineer

*CLEANER WATER GREENER TOMORROW*

# CRYSTALLINE ENVIRONMENTAL SERVICES

## CONSULTING TEST REPORT

| | |
|---|---|
| CUSTOMER: **TAFAWUQ FACILITY MANAGEMENT** | DATE: **04-04-2020** |
| SITE LOCATION: **AAL RAYYANA,KALIFA CITY** | SAMPLE POINT: **ETS-4** |

### CHILLED WATER ANALYSIS

| PARAMETER | CONTROL LIMITS | RESULTS |
|---|---|---|
| pH | 9.0 – 10.5 | 10.03 |
| Conductivity, µs/cm | Max 3500 | 2026 |
| TDS, ppm | -- | 1316 |
| Iron, ppm as Fe | 0 – 2.0 | 0.62 |
| **Treatment Residuals** | | |
| Nitrite, ppm | > 800 | 1300 |
| Dipslide | $<10^3$ | ND |

******All test results expressed in parts per million (ppm) as $CaCO_3$ except pH and conductivity (µmhos).***

| COMMENTS: | ACTION: |
|---|---|
| The pH level is satisfactory ⇨ | No action recommended. |
| The Conductivity levels are satisfactory ⇨ | No action recommended. |
| Dissolved iron levels are within the control limits. ⇨ | No action recommended. |
| Corrosion Inhibitor levels are satisfactory ⇨ | No action recommended. |

Reported By

Murugaraaj
Service Engineer

*CLEANER WATER GREENER TOMORROW*