

POTABLE WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

| | | | |
|----------------------|--|-----------------------|--------------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 15/10/2019 |
| Sampled By | Crystalline Rep | Location | ADIA - HQ |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | Basement - Clinic |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------------|---------------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.12 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 214 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 139 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 - 0.5 | 0.17 |
| 7 | Calcium Hardness at 25°C | 200 | 51 |
| 8 | Total Hardness at 25°C | 300 | 58 |

Inorganic Chemical Parameters

| | | | |
|---|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 32 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS

| | |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal |
| 2 | Residual chlorine level is low, kindly maintain the level with in the control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory |
| 4 | All inorganic parameters are within the control limit |

Reported By,

Murugaraaj

Service Engineer





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Client Name: SERCO, MIDDLE EAST

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|----------------------|--|-----------------------|-----------------------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 15/10/2019 |
| Sampled By | Crystalline Rep | Location | ADIA - HQ |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | HQ Mezzanine Floor-Kitchen |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------------|---------------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.16 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 206 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 134 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 - 0.5 | 0.13 |
| 7 | Calcium Hardness at 25°C | 200 | 48 |
| 8 | Total Hardness at 25°C | 300 | 54 |

Inorganic Chemical Parameters

| | | | |
|---|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 31 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS

| | |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal |
| 2 | Residual chlorine level is low, kindly maintain the level with in the control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory |
| 4 | All inorganic parameters are within the control limit |

Reported By,
Murugaraaj
Service Engineer



POTABLE WATER ANALYSIS REPORT

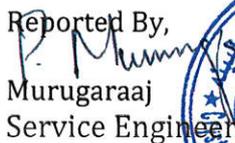
| | | | |
|--|---|-----------------------|----------------------|
| Client Name: SERCO, MIDDLE EAST | | | |
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 15/10/2019 |
| Sampled By | Crystalline Rep | Location | ADIA - HQ |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | Basement Shower Room |

| | Parameter | Control Limits | Test Results |
|-------------------------------------|--|-----------------|--------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.27 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 223 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 152 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 – 0.5 | 0.16 |
| 7 | Calcium Hardness at 25°C | 200 | 54 |
| 8 | Total Hardness at 25°C | 300 | 61 |
| Inorganic Chemical Parameter | | | |
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 34 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS

| | |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal |
| 2 | Residual chlorine level is low, kindly maintain the level with in the control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory |
| 4 | All inorganic parameters are within the control limit |

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 Service Engineer



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|--|---|-----------------------|------------------|
| Client Name: SERCO, MIDDLE EAST | | | |
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 15/10/2019 |
| Sampled By | Crystalline Rep | Location | ADIA - HQ |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | Wing 16 A Pantry |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.12 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 207 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 134 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 - 0.5 | 0.12 |
| 7 | Calcium Hardness at 25°C | 200 | 52 |
| 8 | Total Hardness at 25°C | 300 | 55 |

Inorganic Chemical Parameters

| | | | |
|---|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 30 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS

| | |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal |
| 2 | Residual chlorine level is low, kindly maintain the level with in the control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory |
| 4 | All inorganic parameters are within the control limit |

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Service Engineer





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|----------------------|--|-----------------------|-------------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 15/10/2019 |
| Sampled By | Crystalline Rep | Location | ADIA - HQ |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | Wing 16 B Pantry |

| | Parameter | Control Limits | Test Results |
|--------------------------------------|--|-----------------|--------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.16 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 213 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 138 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 - 0.5 | 0.14 |
| 7 | Calcium Hardness at 25°C | 200 | 49 |
| 8 | Total Hardness at 25°C | 300 | 56 |
| Inorganic Chemical Parameters | | | |
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 32 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS

| | |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal |
| 2 | Residual chlorine level is low, kindly maintain the level with in the control limit |
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|----------------------|--|-----------------------|-------------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 15/10/2019 |
| Sampled By | Crystalline Rep | Location | ADIA - HQ |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | Wing 31 B Pantry |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------------|---------------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.06 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 215 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 139 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 – 0.5 | 0.15 |
| 7 | Calcium Hardness at 25°C | 200 | 49 |
| 8 | Total Hardness at 25°C | 300 | 57 |

Inorganic Chemical Parameters

| | | | |
|---|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 34 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS

| | |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal |
| 2 | Residual chlorine level is low, kindly maintain the level with in the control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory |
| 4 | All inorganic parameters are within the control limit |

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Service Engineer



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|----------------------|---|-----------------------|------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 15/10/2019 |
| Sampled By | Crystalline Rep | Location | ADIA - HQ |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | L 36 Shower Room |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.13 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 217 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 141 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 - 0.5 | 0.15 |
| 7 | Calcium Hardness at 25°C | 200 | 48 |
| 8 | Total Hardness at 25°C | 300 | 55 |

Inorganic Chemical Parameters

| | | | |
|---|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 31 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

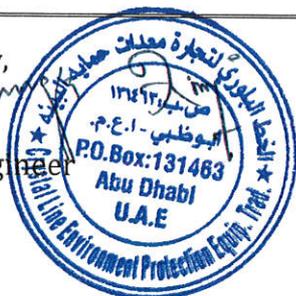
COMMENTS AND RECOMMENDATIONS

| | |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal |
| 2 | Residual chlorine level is low, kindly maintain the level with in the control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory |
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|----------------------|--|-----------------------|--------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 15/10/2019 |
| Sampled By | Crystalline Rep | Location | ADIA - HQ |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | L 36 Pantry |

| | Parameter | Control Limits | Test Results |
|---|---|-----------------------|---------------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.09 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 211 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 137 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 - 0.5 | 0.14 |
| 7 | Calcium Hardness at 25°C | 200 | 49 |
| 8 | Total Hardness at 25°C | 300 | 55 |

Inorganic Chemical Parameters

| | | | |
|---|------------------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 33 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS

| | |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal |
| 2 | Residual chlorine level is low, kindly maintain the level with in the control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory |
| 4 | All inorganic parameters are within the control limit |

Reported By,
Murugaraaj
Service Engineer



POTABLE WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

| | | | |
|----------------------|---|-----------------------|--------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 16/10/2019 |
| Sampled By | Crystalline Rep | Location | ADIA - CAR PARKING |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | B3 - Mess Hall |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.24 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 227 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 147 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 - 0.5 | 0.11 |
| 7 | Calcium Hardness at 25°C | 200 | 49 |
| 8 | Total Hardness at 25°C | 300 | 58 |

Inorganic Chemical Parameters

| | | | |
|---|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 35 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS

| | |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal |
| 2 | Residual chlorine level is low, kindly maintain the level with in the control limit |
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Service Engineer



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Client Name: SERCO, MIDDLE EAST

| | | | |
|----------------------|--|-----------------------|-------------------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 16/10/2019 |
| Sampled By | Crystalline Rep | Location | ADIA - CAR PARKING |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | L1- Driver Shower Room |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.12 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 214 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 139 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 - 0.5 | 0.16 |
| 7 | Calcium Hardness at 25°C | 200 | 52 |
| 8 | Total Hardness at 25°C | 300 | 59 |

Inorganic Chemical Parameters

| | | | |
|---|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 34 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

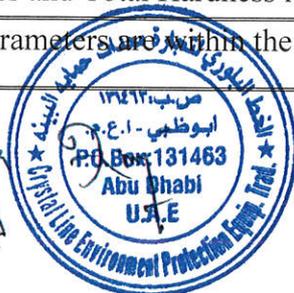
*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS

| | |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal |
| 2 | Residual chlorine level is low, kindly maintain the level with in the control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory |
| 4 | All inorganic parameters are within the control limit |

Reported By,

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Service Engineer



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Client Name: SERCO, MIDDLE EAST

| | | | |
|----------------------|--|-----------------------|-----------------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 16/10/2019 |
| Sampled By | Crystalline Rep | Location | ADIA - BRC |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | Ground Floor -Pantry |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------------|---------------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.08 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 229 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 149 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 - 0.5 | 0.14 |
| 7 | Calcium Hardness at 25°C | 200 | 53 |
| 8 | Total Hardness at 25°C | 300 | 60 |

Inorganic Chemical Parameters

| | | | |
|---|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 35 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
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*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS

| | |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal |
| 2 | Residual chlorine level is low, kindly maintain the level with in the control limit |
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|----------------------|--|-----------------------|-----------------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 16/10/2019 |
| Sampled By | Crystalline Rep | Location | ADIA - BRC |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | Ground Floor Kitchen |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------------|---------------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.12 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 214 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 139 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 - 0.5 | 0.15 |
| 7 | Calcium Hardness at 25°C | 200 | 46 |
| 8 | Total Hardness at 25°C | 300 | 57 |

Inorganic Chemical Parameters

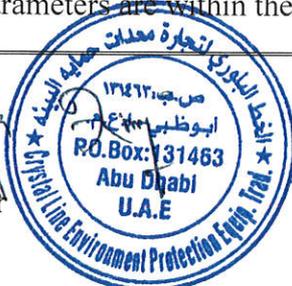
| | | | |
|---|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 36 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS

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|---|---|
| 1 | PH, Conductivity & TDS levels are normal |
| 2 | Residual chlorine level is low, kindly maintain the level with in the control limit |
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|----------------------|--|-----------------------|-------------------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 16/10/2019 |
| Sampled By | Crystalline Rep | Location | ADIA - BRC |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | Ground Floor Wash Room |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------------|---------------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.14 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 210 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 136 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 - 0.5 | 0.13 |
| 7 | Calcium Hardness at 25°C | 200 | 52 |
| 8 | Total Hardness at 25°C | 300 | 59 |

Inorganic Chemical Parameters

| | | | |
|---|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 29 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS

| | |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal |
| 2 | Residual chlorine level is low, kindly maintain the level with in the control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory |
| 4 | All inorganic parameters are within the control limit |

Reported By,
Murugaraaj
Murugaraaj
Service Engineer





POTABLE WATER ANALYSIS REPORT

| | | | |
|--|---|-----------------------|---------------------------|
| Client Name: SERCO, MIDDLE EAST | | | |
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 16/10/2019 |
| Sampled By | Crystalline Rep | Location | ADIA - BRC |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | Mezzanine Floor Wash Room |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.06 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 207 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 134 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 - 0.5 | 0.11 |
| 7 | Calcium Hardness at 25°C | 200 | 49 |
| 8 | Total Hardness at 25°C | 300 | 57 |

Inorganic Chemical Parameters

| | | | |
|---|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 26 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS

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|---|---|
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