

TEST REPORT

REPORT NO:-QMTL/R-85244

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID : QMTL/S-85244
Reference: ZAYED UNIVERSITY - ABU DHABI	Sampled By: QMTL Representative	Date Received : 18.12.2019
Sample Description : SV1 Irrigation Tank Sample Onsite Temp: 27°C Sample Receipt Temp: 6°C	Source: Tank	Date(s) Tested : 18-20.12.2019
	Sample Container: 1X 500ml PB	Date Reported : 23.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 18.12.2019/02.00 PM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATION	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	-	8
Total Coliforms	APHA 9222 B	CFU/100ml	-	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	23	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	-	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	23	Zero

REMARKS: The sample meets RSB Recycled Water and Biosolids Regulations 2018(Second Edition) requirements for irrigation water with respect to the above tests only.

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable

Report prepared by Emp#: 75

Test Method deviation : None

The above test results are only applicable to the sample(s) referred above

Reported By

ANILA GEORGE
LABORATORY MANAGER



The test Report shall not be reported (except in full) without the written approval of QMTL. When analysis is witnessed by us or carried out by sub contract labs, our responsibility is only to ensure that the analysis is conducted to standard test methods in accordance with industry accepted practice.

END OF REPORT

TEST REPORT

REPORT NO:-QMTL/R-85245 Rev 01

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID : QMTL/S-85245
Reference: ZAYED UNIVERSITY - ABU DHABI	Sampled By: QMTL Representative	Date Received : 18.12.2019
Sample Description : FF2- Female Side Irrigation Water Sprinkler Sample Onsite Temp: 26°C Sample Receipt Temp: 6°C	Source: Sprinkler	Date(s) Tested : 18-20.12.2019
	Sample Container: 1X 500ml PB	Date Reported : 06.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 18.12.2019/02.12 PM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATION	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	-	8
Total Coliforms	APHA 9222 B	CFU/100ml	-	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	23	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	-	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	23	Zero

REMARKS:The sample meets RSB Recycled Water and Biosolids Regulations 2018(Second Edition) requirements for irrigation water with respect to the above tests only.

This report supersedes the report no QMTL/R-85245 reported on 23.12.2019

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable

Report prepared by Emp#: 75

Test Method deviation : None

The above test results are only applicable to the sample(s) referred above

Reported By

ANILA GEORGE
LABORATORY MANAGER



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END OF REPORT

TEST REPORT

REPORT NO:-QMTL/R-85247 Rev 01

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID : QMTL/S-85247
Reference: ZAYED UNIVERSITY - ABU DHABI	Sampled By: QMTL Representative	Date Received : 18.12.2019
Sample Description : MF2 Irrigation Water Sprinkler Sample Onsite Temp: 26.2°C Sample Receipt Temp: 6°C	Source: Sprinkler	Date(s) Tested : 18-20.12.2019
	Sample Container: 1X 500ml PB	Date Reported : 06.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 18.12.2019/02.30 PM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATION	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	-	9
Total Coliforms	APHA 9222 B	CFU/100ml	-	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	23	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	-	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	23	Zero

REMARKS:The sample meets RSB Recycled Water and Biosolids Regulations 2018(Second Edition) requirements for irrigation water with respect to the above tests only.
This report supersedes the report no QMTL/R-85247 reported on 23.12.2019

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable

Report prepared by Emp#: 75

Test Method deviation : None

The above test results are only applicable to the sample(s) referred above

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END OF REPORT

TEST REPORT

REPORT NO:-QMTL/R-85246 Rev 01

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID : QMTL/S-85246
Reference: ZAYED UNIVERSITY - ABU DHABI	Sampled By: QMTL Representative	Date Received : 18.12.2019
Sample Description : Center Courtyard, Irrigation Water Sprinkler Sample Onsite Temp: 27.1°C Sample Receipt Temp: 6°C	Source: Sprinkler	Date(s) Tested : 18-20.12.2019
	Sample Container: 1X 500ml PB	Date Reported : 06.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 18.12.2019/02.24 PM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATION	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	-	7
Total Coliforms	APHA 9222 B	CFU/100ml	-	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	23	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	-	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	23	Zero

REMARKS: The sample meets RSB Recycled Water and Biosolids Regulations 2018(Second Edition) requirements for irrigation water with respect to the above tests only.

This report supersedes the report no QMTL/R-85246 reported on 23.12.2019

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable

Report prepared by Emp#: 75

Test Method deviation : None

The above test results are only applicable to the sample(s) referred above

Reported By

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LABORATORY MANAGER



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END OF REPORT

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QMTL-FRM-58 Revision : 02; Revision Date : 03.01.2016

TEST REPORT

REPORT NO:-QMTL/R-85254

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: BS 7592	Sample ID : QMTL/S-85254
Reference: ZAYED UNIVERSITY – ABU DHABI	Sampled By: QMTL Representative	Date Received : 18.12.2019
Sample Description : SV1 Irrigation Tank Sample Onsite Temp: 27°C Sample Receipt Temp: 17°C	Source: Tank	Date(s) Tested : 18-28.12.2019
	Sample Container: 1x1 L PB	Date Reported : 28.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 18.12.2019/02.00 PM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	100 (cfu/ml)	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5 th Edition)	-	-	Absent

REMARKS: The sample meets RSB Recycled Water and Biosolids Regulations 2018 requirements for irrigation water with respect to the above tests only.

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable.

Report prepared by Emp#: 61

Test Method deviation : None

The above test results are only applicable to the sample(s) referred above

Reported By



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LABORATORY MANAGER

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END OF REPORT

TEST REPORT

REPORT NO:-QMTL/R-85255 Rev 01

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E		
Ph:02-6508930/0557167017		
ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: BS 7592	Sample ID : QMTL/S-85255
Reference: ZAYED UNIVERSITY – ABU DHABI	Sampled By: QMTL Representative	Date Received : 18.12.2019
Sample Description : FF2- Female Side Irrigation Water Sprinkler Sample Onsite Temp: 26°C Sample Receipt Temp: 17°C	Source: Sprinkler	Date(s) Tested : 18-28.12.2019
	Sample Container: 1x1 L PB	Date Reported : 06.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 18.12.2019/02.12 PM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	100 (cfu/ml)	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5 th Edition)	-	-	Absent

REMARKS:The sample meets RSB Recycled Water and Biosolids Regulations 2018 requirements for irrigation water with respect to the above tests only.

This report supersedes the report no QMTL/R-85255 reported on 28.12.2019

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable.

Report prepared by Emp#: 75

Test Method deviation : None

The above test results are only applicable to the sample(s) referred above

Reported By

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TEST REPORT

REPORT NO:-QMTL/R-85256 Rev 01

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E		
Ph:02-6508930/0557167017		
ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: BS 7592	Sample ID : QMTL/S-85256
Reference: ZAYED UNIVERSITY – ABU DHABI	Sampled By: QMTL Representative	Date Received : 18.12.2019
Sample Description : Center Courtyard, Irrigation Water Sprinkler Sample Onsite Temp: 27.1°C Sample Receipt Temp: 17°C	Source: Sprinkler	Date(s) Tested : 18-28.12.2019
	Sample Container: 1x1 L PB	Date Reported : 06.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 18.12.2019/02.24 PM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	100 (cfu/ml)	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5 th Edition)	-	-	Absent

REMARKS: The sample meets RSB Recycled Water and Biosolids Regulations 2018 requirements for irrigation water with respect to the above tests only.

This report supersedes the report no QMTL/R-85256 reported on 28.12.2019

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable.

Report prepared by Emp#: 75

Test Method deviation : None

The above test results are only applicable to the sample(s) referred above

Reported By

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TEST REPORT

REPORT NO:-QMTL/R-85257 Rev 01

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E		
Ph:02-6508930/0557167017		
ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: BS 7592	Sample ID : QMTL/S-85257
Reference: ZAYED UNIVERSITY – ABU DHABI	Sampled By: QMTL Representative	Date Received : 18.12.2019
Sample Description : MF2 Irrigation Water Sprinkler Sample Onsite Temp: 26.2°C Sample Receipt Temp: 17°C	Source: Sprinkler	Date(s) Tested : 18-28.12.2019
	Sample Container: 1x1 L PB	Date Reported : 06.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 18.12.2019/02.30 PM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	100 (cfu/ml)	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5 th Edition)	-	-	Absent

REMARKS:The sample meets RSB Recycled Water and Biosolids Regulations 2018 requirements for irrigation water with respect to the above tests only.

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable.

This report supersedes the report no QMTL/R-85257 reported on 28.12.2019

Report prepared by Emp#: 75

Test Method deviation : None

The above test results are only applicable to the sample(s) referred above

Reported By

ANILA GEORGE
LABORATORY MANAGER



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END OF REPORT