



LABORATORY ANALYSIS REPORT

Reporting Date: 29-Oct-2024

Report No	WBR24-30071	Sample No	WBS24-19998
Request No	WBQ24-04884	Date Of Analysis	From: 25-Oct-2024 To: 27-Oct-2024

CLIENT INFORMATION

Client	CRESCENT ENGLISH HIGH SCHOOL
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 76311 City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr. Qaisar Altaf Tel: 0429888866 Fax: 042988299 Mobile: 0569987212 Email: admin@crecentschooldubai.com
Project	Crescent English High School, Dubai (Ref: WBCBL-0314-E-Contract-Rev-1 Dt. 01/01/2024 to 31/12/2024)

SAMPLE INFORMATION

Sample Point	DEWA Main Water Tank		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	26-Oct-2024 12:55
Sample Identification	SC No.31747/01	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 9060	Receiving Date & Time	25-Oct-2024 16:45
Sample Container/Volume	Sterile Bottle/ 500 ml	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	38.6°C	Sample Receipt Temp.	5.2°C
Sampling Apparatus	Sterile Bottle	Tested By	AM
Test Method	Standard Method for the Examination of Water and Wastewater, APHA/AWWA/WEF, 24th Edition.		

Microbiological Analysis Result

TEST	UNIT	METHOD	MDL	UM Range	RESULTS	GUIDELINES
Heterotrophic Plate Count	CFU/mL	APHA 9215 D	1.0	107 - 128	117	< 500

Remarks: The microbiological status of the above tested sample is satisfactory with respect to the specified guideline.

*Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System- DM-HSD-GU44-LCWS2, Release No # 3-Dated 13/09/2022

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected, CFU - Colony Forming Unit, APHA-American Public Health Association, WBCBL- Water Bird Chemical & Biological Laboratory, MDL: Method Detection Limit, UM: Uncertainty Measurement, NA: Not Applicable

Checked By:
Andrea D'Souza (Head Of Microbiology)

Verified By:
Daliya MJ (Technical Manager)

Approved By:
Praveen R.Nair (Laboratory Manager)

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LABORATORY ANALYSIS REPORT

Reporting Date: 29-Oct-2024

Report No	WBR24-30072	Sample No	WBS24-19999
Request No	WBS24-04884	Date Of Analysis	From: 25-Oct-2024 To: 27-Oct-2024

CLIENT INFORMATION

Client	CRESCENT ENGLISH HIGH SCHOOL
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 76311 City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr. Qaisar Altaf Tel: 042988866 Fax: 042988299 Mobile: 0569987212 Email: admin@crecentschooldubai.com
Project	Crescent English High School, Dubai (Ref: WBCBL-0314-E-Contract-Rev-1 Dt. 01/01/2024 to 31/12/2024)

SAMPLE INFORMATION

Sample Point	Roof Top Water Tank-1		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	25-Oct-2024 13:00
Sample Identification	SC No.31747/02	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 9060	Receiving Date & Time	25-Oct-2024 16:45
Sample Container/Volume	Sterile Bottle/ 500 ml	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	34.5°C	Sample Receipt Temp.	5.3°C
Sampling Apparatus	Sterile Bottle	Tested By	AM
Test Method	Standard Method for the Examination of Water and Wastewater, APHA/AWWA/WEF, 24th Edition.		

Microbiological Analysis Result

TEST	UNIT	METHOD	MDL	UM Range	RESULTS	GUIDELINES
Heterotrophic Plate Count	CFU/mL	APHA 9215 D	1.0	113 - 134	123	< 500

Remarks: The microbiological status of the above tested sample is satisfactory with respect to the specified guideline.

*Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System- DM-HSD-GU44-LCWS2, Release No # 3-Dated 13/09/2022

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , APHA-American Public Health Association , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Checked By:
Andrea D'Souza (Head Of Microbiology)

Verified By:
Dallya MJ (Technical Manager)

Approved By:
Praveen R.Nair (Laboratory Manager)

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LABORATORY ANALYSIS REPORT

Reporting Date: 29-Oct-2024

Report No	WBR24-30073	Sample No	WBS24-20000
Request No	WBQ24-04884	Date Of Analysis	From: 25-Oct-2024 To: 27-Oct-2024

CLIENT INFORMATION

Client	CRESCENT ENGLISH HIGH SCHOOL
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 76311 City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr. Qaisar Altaf Tel: 042988866 Fax: 042988299 Mobile: 0569987212 Email: admin@crecentschooldubai.com
Project	Crescent English High School, Dubai (Ref: WBCBL-0314-E-Contract-Rev-1 Dt. 01/01/2024 to 31/12/2024)

SAMPLE INFORMATION

Sample Point	Roof Top Water Tank-2		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	25-Oct-2024 13:05
Sample Identification	SC No.31747/03	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 9060	Receiving Date & Time	25-Oct-2024 16:45
Sample Container/Volume	Sterile Bottle/ 500 ml	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	34.5°C	Sample Receipt Temp.	5.2°C
Sampling Apparatus	Sterile Bottle	Tested By	AM
Test Method	Standard Method for the Examination of Water and Wastewater, APHA/AWWA/WEF, 24th Edition.		

Microbiological Analysis Result

TEST	UNIT	METHOD	MDL	UM Range	RESULTS	GUIDELINES
Heterotrophic Plate Count	CFU/mL	APHA 9215 D	1.0	136 - 162	148	< 500

Remarks: The microbiological status of the above tested sample is satisfactory with respect to the specified guideline.
* Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System- DM-HSD-GU44-LCWS2, Release No # 3-Dated 13/09/2022

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , APHA-American Public Health Association , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Checked By:
Andrea D'Souza (Head Of Microbiology)

Verified By:
Daliya MJ (Technical Manager)

Approved By:
Praveen R.Nair (Laboratory Manager)

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LABORATORY ANALYSIS REPORT

Reporting Date: 29-Oct-2024

Report No	WBR24-30074	Sample No	WBS24-20003
Request No	WBQ24-04884	Date Of Analysis	From: 25-Oct-2024 To: 27-Oct-2024

CLIENT INFORMATION

Client	CRESCENT ENGLISH HIGH SCHOOL
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 76311 City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr.Qaisar Altaf Tel: 042988866 Fax: 042988299 Mobile: 0569987212 Email: admin@crecentschooldubai.com
Project	Crescent English High School, Dubai (Ref: WBCBL-0314-E-Contract-Rev-1 Dt. 01/01/2024 to 31/12/2024)

SAMPLE INFORMATION

Sample Point	Reception Water Filter Tap		
Sample Description	Unbottled Drinking Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	25-Oct-2024 13:30
Sample Identification	SC No.31747/06	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 9060	Receiving Date & Time	25-Oct-2024 16:45
Sample Container/Volume	Sterile Bottle/ 500 ml	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	24.5°C	Sample Receipt Temp.	5.3°C
Sampling Apparatus	Sterile Bottle	Tested By	AM
Test Method	Standard Method for the Examination of Water and Wastewater, APHA/AWWA/WEF, 24th Edition.		

Microbiological Analysis Result

TEST	UNIT	METHOD	MDL	UM Range	RESULTS	GUIDELINES
Heterotrophic Plate Count	CFU/mL	APHA 9215 D	1.0	101 - 120	110	< 500

Remarks: The microbiological status of the above tested sample is satisfactory with respect to the specified guideline.

✳ Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System- DM-HSD-GU44-LCWS2, Release No # 3-Dated 13/09/2022

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected, CFU - Colony Forming Unit, APHA-American Public Health Association, WBCBL- Water Bird Chemical & Biological Laboratory, MDL: Method Detection Limit, UM: Uncertainty Measurement, NA: Not Applicable

Checked By:
Andrea D'Souza (Head Of Microbiology)

Verified By:
Daliya MJ (Technical Manager)

Approved By:
Praveen R.Nair (Laboratory Manager)

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LABORATORY ANALYSIS REPORT

Reporting Date: 29-Oct-2024

Report No	WBR24-30075	Sample No	WBS24-20004
Request No	WBQ24-04884	Date Of Analysis	From: 25-Oct-2024 To: 27-Oct-2024

CLIENT INFORMATION

Client	CRESCENT ENGLISH HIGH SCHOOL
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 76311 City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr. Qaisar Altaf Tel: 042988866 Fax: 042988299 Mobile: 0569987212 Email: admin@crecentschooldubai.com
Project	Crescent English High School, Dubai (Ref: WBCBL-0314-E-Contract-Rev-1 DL 01/01/2024 to 31/12/2024)

SAMPLE INFORMATION

Sample Point	KG Wash Room Wash Basin Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	25-Oct-2024 13:40
Sample Identification	SC No.31747/07	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 9060	Receiving Date & Time	25-Oct-2024 16:45
Sample Container/Volume	Sterile Bottle/ 500 ml	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	31.8°C	Sample Receipt Temp.	5.2°C
Sampling Apparatus	Sterile Bottle	Tested By	AM
Test Method	Standard Method for the Examination of Water and Wastewater, APHA/AWWA/WEF, 24th Edition.		

Microbiological Analysis Result

TEST	UNIT	METHOD	MDL	UM Range	RESULTS	GUIDELINES
Heterotrophic Plate Count	CFU/mL	APHA 9215 D	1.0	148 - 177	162	< 500 %

Remarks: The microbiological status of the above tested sample is satisfactory with respect to the specified guideline.

† Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System- DM-HSD-GU44-LCWS2, Release No # 3-Dated 13/09/2022

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , APHA-American Public Health Association , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Checked By:
Andrea D'Souza (Head Of Microbiology)

Verified By:
Daliya MJ (Technical Manager)

Approved By:
Praveen R.Nair (Laboratory Manager)

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LABORATORY ANALYSIS REPORT

Reporting Date: 29-Oct-2024

Report No	WBR24-30076	Sample No	WBS24-20005
Request No	WBQ24-04884	Date Of Analysis	From: 25-Oct-2024 To: 27-Oct-2024

CLIENT INFORMATION

Client	CRESCENT ENGLISH HIGH SCHOOL
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 76311 City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr.Qaisar Altaf Tel: 0429888666 Fax: 042988299 Mobile: 0569987212 Email: admin@crecentschooldubai.com
Project	Crescent English High School, Dubai (Ref: WBCBL-0314-E-Contract-Rev-1 DL 01/01/2024 to 31/12/2024)

SAMPLE INFORMATION

Sample Point	Toilet - Grade-1 to 4 Girls Wash Basin Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	25-Oct-2024 13:50
Sample Identification	SC No.31747/08	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 9060	Receiving Date & Time	25-Oct-2024 16:45
Sample Container/Volume	Sterile Bottle/ 500 ml	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	33.4°C	Sample Receipt Temp.	5.2°C
Sampling Apparatus	Sterile Bottle	Tested By	AM
Test Method	Standard Method for the Examination of Water and Wastewater, APHA/AWWA/WEF, 24th Edition.		

Microbiological Analysis Result

TEST	UNIT	METHOD	MDL	UM Range	RESULTS	GUIDELINES
Heterotrophic Plate Count	CFU/mL	APHA 9215 D	1.0	174 - 207	190	< 500 ✕

Remarks: The microbiological status of the above tested sample is satisfactory with respect to the specified guideline.
* Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System- DM-HSD-GU44-LCWS2, Release No # 3-Dated 13/09/2022

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as/ not detected. , CFU - Colony Forming Unit , APHA-American Public Health Association , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Checked By:
Andrea D'Souza (Head Of Microbiology)

Verified By:
Daliya MJ (Technical Manager)

Approved By:
Praveen R.Nair (Laboratory Manager)

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LABORATORY ANALYSIS REPORT

Reporting Date: 29-Oct-2024

Report No	WBR24-30077	Sample No	WBS24-20006
Request No	WBQ24-04884	Date Of Analysis	From: 25-Oct-2024 To: 27-Oct-2024

CLIENT INFORMATION

Client	CRESCENT ENGLISH HIGH SCHOOL
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 76311 City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr. Qaisar Altaf Tel: 042988866 Fax: 042988299 Mobile: 0569987212 Email: admin@crecentschooldubai.com
Project	Crescent English High School, Dubai (Ref: WBCBL-0314-E-Contract-Rev-1 Dt. 01/01/2024 to 31/12/2024)

SAMPLE INFORMATION

Sample Point	Toilet - Grade-5 to 12 Boys Wash Basin Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	25-Oct-2024 14:05
Sample Identification	SC No.31747/09	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 9060	Receiving Date & Time	25-Oct-2024 16:45
Sample Container/Volume	Sterile Bottle/ 500 ml	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	33.7°C	Sample Receipt Temp.	5.3°C
Sampling Apparatus	Sterile Bottle	Tested By	AM
Test Method	Standard Method for the Examination of Water and Wastewater, APHA/AWWA/WEF, 24th Edition.		

Microbiological Analysis Result

TEST	UNIT	METHOD	MDL	UM Range	RESULTS	GUIDELINES
Heterotrophic Plate Count	CFU/mL	APHA 9215 D	1.0	118 - 141	129	< 500

Remarks: The microbiological status of the above tested sample is satisfactory with respect to the specified guideline.
Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System- DM-HSD-GU44-LCWS2, Release No # 3-Dated 13/09/2022

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , APHA-American Public Health Association , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Checked By: 
Andrea D'Souza (Head Of Microbiology)

Verified By: 
Daliya MJ (Technical Manager)

Approved By: 
Praveen R.Nair (Laboratory Manager)

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LABORATORY ANALYSIS REPORT

Reporting Date: 29-Oct-2024

Report No	WBR24-30078	Sample No	WBS24-20001
Request No	WBQ24-04884	Date Of Analysis	From: 25-Oct-2024 To: 28-Oct-2024

CLIENT INFORMATION

Client	CRESCENT ENGLISH HIGH SCHOOL
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 76311 City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr. Qaisar Aliaf Tel: 042988866 Fax: 042988299 Mobile: 0569987212 Email: admin@crecentschooldubai.com
Project	Crescent English High School, Dubai (Ref: WBCBL-0314-E-Contract-Rev-1 Dt. 01/01/2024 to 31/12/2024)

SAMPLE INFORMATION

Sample Point	Water Cooler Near Garden		
Sample Description	Unbottled Drinking Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	25-Oct-2024 13:14
Sample Identification	SC No.31747/04	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 9060	Receiving Date & Time	25-Oct-2024 16:45
Sample Container/Volume	Sterile Bottle/ 500 ml	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	16.4°C	Sample Receipt Temp.	5.3°C
Sampling Apparatus	Sterile Bottle	Tested By	AM
Test Method	Standard Method for the Examination of Water and Wastewater, APHA/AWWA/WEF, 24th Edition.		

Microbiological Analysis Result

TEST	UNIT	METHOD	MDL	UM Range	RESULTS	GUIDELINES
Heterotrophic Plate Count	CFU/mL	APHA 9215 D	1.0	44 - 52	48	< 500 ♀
Escherichia Coli	CFU/100 mL	APHA 9222 B	1.0	NA	<1	Zero ♂
Total Coliforms	CFU/100 mL	APHA 9222 B	1.0	NA	<1	Zero ♂
Pseudomonas Aeruginosa	CFU/100 mL	APHA 9213 E	1.0	NA	<1	Zero ♂

Remarks: The microbiological status of the above tested sample are satisfactory with respect to the specified guideline.
* Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System- DM-HSD-GU44-LCWS2,
Release No # 3-Dated 13/09/2022
© GSO Standard - 149:2021 Unbottled Drinking Water.

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , APHA-American Public Health Association , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

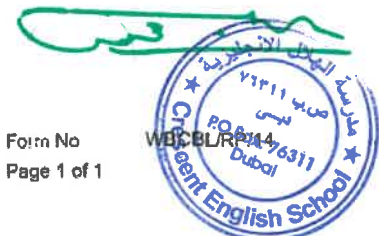
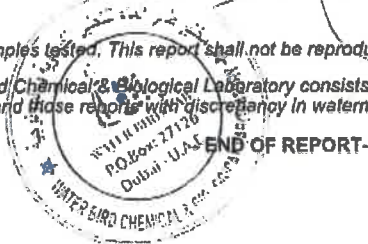
Checked By:
Andrea D'Souza (Head Of Microbiology)

Verified By:
Daliya MJ (Technical Manager)

Approved By:
Praveen R.Nair (Laboratory Manager)

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LABORATORY ANALYSIS REPORT

Reporting Date: 29-Oct-2024

Report No	WBR24-30079	Sample No	WBS24-20002
Request No	WBQ24-04884	Date Of Analysis	From: 25-Oct-2024 To: 28-Oct-2024

CLIENT INFORMATION

Client	CRESCENT ENGLISH HIGH SCHOOL
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 76311 City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr.Qaisar Altaf Tel: 042988866 Fax: 042988299 Mobile: 0569987212 Email: admin@crecentschooldubai.com
Project	Crescent English High School, Dubai (Ref: WBCBL-0314-E-Contract-Rev-1 Dt. 01/01/2024 to 31/12/2024)

SAMPLE INFORMATION

Sample Point	Water Cooler Near Basket Ball Ground		
Sample Description	Unbottled Drinking Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	25-Oct-2024 13:22
Sample Identification	SC No.31747/05	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 9060	Receiving Date & Time	25-Oct-2024 16:45
Sample Container/Volume	Sterile Bottle/ 500 ml	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	16.6°C	Sample Receipt Temp.	5.2°C
Sampling Apparatus	Sterile Bottle	Tested By	AM
Test Method	Standard Method for the Examination of Water and Wastewater, APHA/AWWA/WEF, 24th Edition.		

Microbiological Analysis Result

TEST	UNIT	METHOD	MDL	UM Range	RESULTS	GUIDELINES
Heterotrophic Plate Count	CFU/mL	APHA 9215 D	1.0	55 - 65	60	< 500 *
Escherichia Coli	CFU/100 mL	APHA 9222 B	1.0	NA	<1	Zero @
Total Coliforms	CFU/100 mL	APHA 9222 B	1.0	NA	<1	Zero @
Pseudomonas Aeruginosa	CFU/100 mL	APHA 9213 E	1.0	NA	<1	Zero @

Remarks: The microbiological status of the above tested sample are satisfactory with respect to the specified guideline.
* Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System- DM-HSD-GU44-LCWS2, Release No # 3-Dated 13/09/2022
© GSO Standard - 149:2021 Unbottled Drinking Water.

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , APHA-American Public Health Association , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Checked By:
Andrea D'Souza (Head Of Microbiology)

Verified By:
Daliya MJ (Technical Manager)

Approved By:
Praveen R.Nair (Laboratory Manager)

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Issue No & Date
Revision No & Date

01: 10/12/2018
03:18/04/2021



LABORATORY ANALYSIS REPORT

Reporting Date: 07-Nov-2024

Report No	WBR24-30080	Sample No	WBS24-19998
Request No	WBO24-04884	Date Of Analysis	From: 25-Oct-2024 To: 06-Nov-2024

CLIENT INFORMATION

Client	CRESCENT ENGLISH HIGH SCHOOL
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 76311 City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr.Qaisar Altaf Tel: 042988866 Fax: 042988299 Mobile: 0569987212 Email: admin@crecentschooldubai.com
Project	Crescent English High School, Dubai (Ref: WBCBL-0314-E-Contract-Rev-1 Dt. 01/01/2024 to 31/12/2024)

SAMPLE INFORMATION

Sample Point	DEWA Main Water Tank		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	25-Oct-2024 12:55
Sample Identification	SC No.31747/01	Submitted By	WBCBL Rep.
Sampling Procedure	BS7592:2022	Receiving Date & Time	25-Oct-2024 16:45
Sample Container/Volume	Sterile Bottle/ 1.5 L	Onsite Treatment/ Preservation	Transported In Ice Box
Sample Collection Temp.	38.6°C	Sample Receipt Temp.	20.0°C
Type Of Biocide	Chlorine	Biocide Concentration	<0.02
Volume Used In Analysis	1 L	Sampling CertificateNo	31747
Sampling Apparatus	Sterile Bottle	Tested By	AM
Test Method	International Organization for Standardization (ISO) 11731-2017 Matrix : A- Membrane Filter on Plate with Acid Treatment (Procedure 7) GVPC Medium		

Legionella Analysis Results

TEST	UNIT	METHOD	METHOD DETECTION LIMIT	UM Range	RESULTS	GUIDELINES
Legionella Species	CFU/L	ISO 11731 2017	1.0	NA	<1	< 1000 ¥

Remarks: The Legionella status of the above tested sample is satisfactory with respect to the specified guideline.
* Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System- DM-HSD-GU44-LCWS2, Release No # 3-Dated 13/09/2022

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , ISO-The International Organization for Standardization , APHA-American Public Health Association , BS-British Standard , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Checked By:
Andrea D'Souza (Head Of Microbiology)

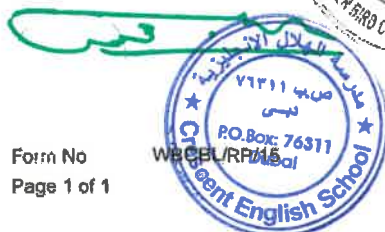
Verified By:
Daliya MJ (Technical Manager)

Approved By:
Praveen R.Nair (Laboratory Manager)

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LABORATORY ANALYSIS REPORT

Reporting Date: 07-Nov-2024

Report No	WBR24-30081	Sample No	WBS24-19999
Request No	WBQ24-04884	Date Of Analysis	From: 25-Oct-2024 To: 06-Nov-2024

CLIENT INFORMATION

Client	CRESCENT ENGLISH HIGH SCHOOL
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 76311 City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr.Qaisar Altaf Tel: 042988866 Fax: 042988299 Mobile: 0569987212 Email: admin@crecentschooldubai.com
Project	Crescent English High School, Dubai (Ref: WBCBL-0314-E-Contract-Rev-1 Dt. 01/01/2024 to 31/12/2024)

SAMPLE INFORMATION

Sample Point	Roof Top Water Tank-1		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	25-Oct-2024 13:00
Sample Identification	SC No.31747/02	Submitted By	WBCBL Rep.
Sampling Procedure	BS7592:2022	Receiving Date & Time	25-Oct-2024 16:45
Sample Container/Volume	Sterile Bottle/ 1.5 L	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	34.5°C	Sample Receipt Temp.	20.0°C
Type Of Biocide	Chlorine	Biocide Concentration	<0.02
Volume Used In Analysis	1 L	Sampling CertificateNo	31747
Sampling Apparatus	Sterile Bottle	Tested By	AM
Test Method	International Organization for Standardization (ISO) 11731-2017 Matrix : A- Membrane Filter on Plate with Acid Treatment (Procedure 7) GVPC Medium		

Legionella Analysis Results

TEST	UNIT	METHOD	METHOD DETECTION LIMIT	UM Range	RESULTS	GUIDELINES
Legionella Species	CFU/L	ISO 11731 2017	1.0	NA	<1	< 1000

Remarks: The Legionella status of the above tested sample is satisfactory with respect to the specified guideline.
*Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System- DM-HSD-GU44-LCWS2, Release No # 3-Dated 13/09/2022

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , ISO-The International Organization for Standardization , APHA-American Public Health Association , BS-British Standard , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Checked By:
Andrea D'Souza (Head Of Microbiology)

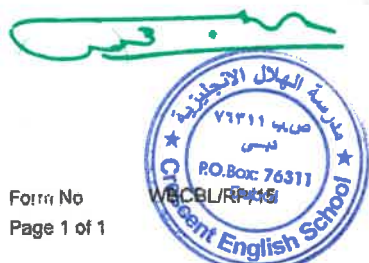
Verified By:
Daliya MJ (Technical Manager)

Approved By:
Praveen R.Nair (Laboratory Manager)

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LABORATORY ANALYSIS REPORT

Reporting Date: 07-Nov-2024

Report No	WBR24-30082	Sample No	WBS24-20000
Request No	WBQ24-04884	Date Of Analysis	From: 25-Oct-2024 To: 06-Nov-2024

CLIENT INFORMATION

Client	CRESCENT ENGLISH HIGH SCHOOL
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 76311 City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr. Qaisar Altaf Tel: 042988866 Fax: 042988299 Mobile: 0569987212 Email: admin@crecentschooldubai.com
Project	Crescent English High School, Dubai (Ref: WBCBL-0314-E-Contract-Rev-1 Dt. 01/01/2024 to 31/12/2024)

SAMPLE INFORMATION

Sample Point	Roof Top Water Tank-2		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	25-Oct-2024 13:05
Sample Identification	SC No.31747/03	Submitted By	WBCBL Rep.
Sampling Procedure	BS7592:2022	Receiving Date & Time	25-Oct-2024 16:45
Sample Container/Volume	Sterile Bottle/ 1.5 L	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	34.5°C	Sample Receipt Temp.	20.0°C
Type Of Biocide	Chlorine	Biocide Concentration	<0.02
Volume Used In Analysis	1 L	Sampling CertificateNo	31747
Sampling Apparatus	Sterile Bottle	Tested By	AM
Test Method	International Organization for Standardization (ISO) 11731-2017 Matrix : A- Membrane Filter on Plate with Acid Treatment (Procedure 7) GVPC Medium		

Legionella Analysis Results

TEST	UNIT	METHOD	METHOD DETECTION LIMIT	UM Range	RESULTS	GUIDELINES
Legionella Species	CFU/L	ISO 11731 2017	1.0	NA	<1	< 1000

Remarks: The Legionella status of the above tested sample is satisfactory with respect to the specified guideline.
* Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System- DM-HSD-GU44-LCWS2, Release No # 3-Dated 13/09/2022

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , ISO-The International Organization for Standardization , APHA-American Public Health Association , BS-British Standard , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

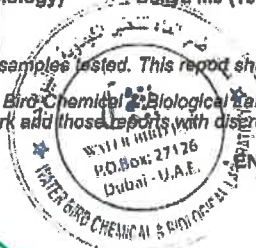
Checked By:
Andrea D'Souza (Head Of Microbiology)

Verified By:
Dallya MJ (Technical Manager)

Approved By:
Praveen R.Nair (Laboratory Manager)

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LABORATORY ANALYSIS REPORT

Reporting Date: 07-Nov-2024

Report No	WBR24-30083	Sample No	WBS24-20001
Request No	WBQ24-04884	Date Of Analysis	From: 25-Oct-2024 To: 06-Nov-2024

CLIENT INFORMATION

Client	CRESCENT ENGLISH HIGH SCHOOL
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 76311 City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr. Qaisar Altaf Tel: 042988866 Fax: 042988299 Mobile: 0569987212 Email: admin@crecentschooldubai.com
Project	Crescent English High School, Dubai (Ref: WBCBL-0314-E-Contract-Rev-1 Dt. 01/01/2024 to 31/12/2024)

SAMPLE INFORMATION

SAMPLE INFORMATION			
Sample Point	Water Cooler Near Garden		
Sample Description	Unbottled Drinking Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	25-Oct-2024 13:14
Sample Identification	SC No.31747/04	Submitted By	WBCBL Rep.
Sampling Procedure	BS7592:2022	Receiving Date & Time	25-Oct-2024 16:45
Sample Container/Volume	Sterile Bottle/ 1.5 L	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	16.4°C	Sample Receipt Temp.	20.0°C
Type Of Biocide	Chlorine	Biocide Concentration	<0.02
Volume Used In Analysis	1 L	Sampling CertificateNo	31747
Sampling Apparatus	Sterile Bottle	Tested By	AM
Test Method	International Organization for Standardization (ISO) 11731-2017 Matrix : A- Membrane Filter on Plate with Acid Treatment (Procedure 7) GVPC Medium		

Legionella Analysis Results

TEST	UNIT	METHOD	METHOD DETECTION LIMIT	UM Range	RESULTS	GUIDELINES
Legionella Species	CFU/L	ISO 11731 2017	1.0	12 - 17	14	< 1000

Remarks: The Legionella status of the above tested sample is satisfactory with respect to the specified guideline.
* Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System- DM-HSD-GU44-LCWS2, Release No # 3-Dated 13/09/2022
The presence of Legionella Species is confirmed in above tested sample.

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , ISO-The International Organization for Standardization , APHA-American Public Health Association , BS-British Standard , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM:

Uncertainty Measurement , NA: Not Applicable

Checked By: Andrea D'Souza (Head Of Microbiology)

Verified By: Daliya MJ (Technical Manager)

Approved By: Praveen R.Nair (Laboratory Manager)

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LABORATORY ANALYSIS REPORT

Reporting Date: 07-Nov-2024

Report No	WBR24-30084	Sample No	WBS24-20002
Request No	WBQ24-04884	Date Of Analysis	From: 25-Oct-2024 To: 06-Nov-2024

CLIENT INFORMATION

Client	CRESCENT ENGLISH HIGH SCHOOL
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 76311 City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr.Qaisar Altaf Tel: 0429888866 Fax: 042988299 Mobile: 0569987212 Email: admin@crecentschooldubai.com
Project	Crescent English High School, Dubai (Ref: WBCBL-0314-E-Contract-Rev-1 Dt. 01/01/2024 to 31/12/2024)

SAMPLE INFORMATION

Sample Point	Water Cooler Near Basket Ball Ground		
Sample Description	Unbottled Drinking Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	25-Oct-2024 13:22
Sample Identification	SC No.31747/05	Submitted By	WBCBL Rep.
Sampling Procedure	BS7592:2022	Receiving Date & Time	25-Oct-2024 16:45
Sample Container/Volume	Sterile Bottle/ 1.5 L	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	16.6°C	Sample Receipt Temp.	20.0°C
Type Of Biocide	Chlorine	Biocide Concentration	<0.02
Volume Used In Analysis	1 L	Sampling CertificateNo	31747
Sampling Apparatus	Sterile Bottle	Tested By	AM
Test Method	International Organization for Standardization (ISO) 11731-2017 Matrix : A- Membrane Filter on Plate with Acid Treatment (Procedure 7) GVPC Medium		

Legionella Analysis Results

TEST	UNIT	METHOD	METHOD DETECTION LIMIT	UM Range	RESULTS	GUIDELINES
Legionella Species	CFU/L	ISO 11731 2017	1.0	NA	<1	< 1000 ¥

Remarks: The Legionella status of the above tested sample is satisfactory with respect to the specified guideline.
*Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System- DM-HSD-GU44-LCWS2, Release No # 3-Dated 13/09/2022

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , ISO-The International Organization for Standardization , APHA-American Public Health Association , BS-British Standard , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Checked By:
Andrea D'Souza (Head Of Microbiology)

Verified By:
Daliya MJ (Technical Manager)

Approved By:
Praveen R.Nair (Laboratory Manager)

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LABORATORY ANALYSIS REPORT

Reporting Date: 07-Nov-2024

Report No	WBR24-30085	Sample No	WBS24-20003
Request No	WBQ24-04884	Date Of Analysis	From: 25-Oct-2024 To: 06-Nov-2024

CLIENT INFORMATION

Client	CRESCENT ENGLISH HIGH SCHOOL
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 76311 City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr. Qaisar Altaf Tel: 042988866 Fax: 042988299 Mobile: 0569987212 Email: admin@crecentschooldubai.com
Project	Crescent English High School, Dubai (Ref: WBCBL-0314-E-Contract-Rev-1 Dt. 01/01/2024 to 31/12/2024)

SAMPLE INFORMATION

Sample Point	Reception Water Filter Tap		
Sample Description	Unbottled Drinking Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	25-Oct-2024 13:30
Sample Identification	SC No.31747/06	Submitted By	WBCBL Rep.
Sampling Procedure	BS7592:2022	Receiving Date & Time	25-Oct-2024 16:45
Sample Container/Volume	Sterile Bottle/ 1.5 L	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	24.5°C	Sample Receipt Temp.	20.0°C
Type Of Biocide	Chlorine	Biocide Concentration	<0.02
Volume Used In Analysis	1 L	Sampling CertificateNo	31747
Sampling Apparatus	Sterile Bottle	Tested By	AM
Test Method	International Organization for Standardization (ISO) 11731-2017 Matrix : A- Membrane Filter on Plate with Acid Treatment (Procedure 7) GVPC Medium		

Legionella Analysis Results

TEST	UNIT	METHOD	METHOD DETECTION LIMIT	UM Range	RESULTS	GUIDELINES
Legionella Species	CFU/L	ISO 11731 2017	1.0	NA	<1	< 1000

Remarks: The Legionella status of the above tested sample is satisfactory with respect to the specified guideline.
 * Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control In Water System- DM-HSD-GU44-LCWS2, Release No # 3-Dated 13/09/2022

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , ISO-The International Organization for Standardization , APHA-American Public Health Association , BS-British Standard , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Checked By:
Andrea D'Souza (Head Of Microbiology)

Verified By:
Daliya MJ (Technical Manager)

Approved By:
Praveen R. Nair (Laboratory Manager)

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LABORATORY ANALYSIS REPORT

Reporting Date: 07-Nov-2024

Report No	WBR24-30086	Sample No	WBS24-20004
Request No	WBQ24-04884	Date Of Analysis	From: 25-Oct-2024 To: 06-Nov-2024

CLIENT INFORMATION

Client	CRESCENT ENGLISH HIGH SCHOOL
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 76311 City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr. Qaisar Altaf Tel: 042988866 Fax: 042988299 Mobile: 0569987212 Email: admin@crecentschooldubai.com
Project	Crescent English High School, Dubai (Ref: WBCBL-0314-E-Contract-Rev-1 Dt. 01/01/2024 to 31/12/2024)

SAMPLE INFORMATION

Sample Point	KG Wash Room Wash Basin Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	25-Oct-2024 13:40
Sample Identification	SC No.31747/07	Submitted By	WBCBL Rep.
Sampling Procedure	BS7592:2022	Receiving Date & Time	25-Oct-2024 16:45
Sample Container/Volume	Sterile Bottle/ 1.5 L	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	31.8°C	Sample Receipt Temp.	20.0°C
Type Of Biocide	Chlorine	Biocide Concentration	<0.02
Volume Used In Analysis	1 L	Sampling Certificate No	31747
Sampling Apparatus	Sterile Bottle	Tested By	AM
Test Method	International Organization for Standardization (ISO) 11731-2017 Matrix : A- Membrane Filter on Plate with Acid Treatment (Procedure 7) GVPC Medium		

Legionella Analysis Results

TEST	UNIT	METHOD	METHOD DETECTION LIMIT	UM Range	RESULTS	GUIDELINES
Legionella Species	CFU/L	ISO 11731 2017	1.0	NA	<1	< 1000 *

Remarks: The Legionella status of the above tested sample is satisfactory with respect to the specified guideline.
* Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System- DM-HSD-GU44-LCWS2, Release No # 3-Dated 13/09/2022

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit, ISO-The International Organization for Standardization , APHA-American Public Health Association , BS-British Standard , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM:

Uncertainty Measurement , NA: Not Applicable

Checked By:
Andrea D'Souza (Head Of Microbiology)

Verified By:
Daliya MJ (Technical Manager)

Approved By:
Praveen R. Nair (Laboratory Manager)

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مختبر طائر الماء للتحليل الكيماوية و البيولوجية
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Issue No & Date

01; 10/12/2018

Revision No & Date

04;18/04/2021



LABORATORY ANALYSIS REPORT

Reporting Date: 07-Nov-2024

Report No	WBR24-30087	Sample No	WBS24-20005
Request No	WBQ24-04884	Date Of Analysis	From: 25-Oct-2024 To: 06-Nov-2024

CLIENT INFORMATION

Client	CRESCENT ENGLISH HIGH SCHOOL
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 76311 City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr.Qaisar Altaf Tel: 042988866 Fax: 042988299 Mobile: 0569987212 Email: admin@crecentschooldubai.com
Project	Crescent English High School, Dubai (Ref: WBCBL-0314-E-Contract-Rev-1 Dt. 01/01/2024 to 31/12/2024)

SAMPLE INFORMATION

Sample Point	Toilet - Grade-1 to 4 Girls Wash Basin Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	25-Oct-2024 13:50
Sample Identification	SC No.31747/08	Submitted By	WBCBL Rep.
Sampling Procedure	BS7592:2022	Receiving Date & Time	25-Oct-2024 16:45
Sample Container/Volume	Sterile Bottle/ 1.5 L	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	33.4°C	Sample Receipt Temp.	20.0°C
Type Of Biocide	Chlorine	Biocide Concentration	<0.02
Volume Used In Analysis	1 L	Sampling Certificate No	31747
Sampling Apparatus	Sterile Bottle	Tested By	AM
Test Method	International Organization for Standardization (ISO) 11731-2017 Matrix : A- Membrane Filter on Plate with Acid Treatment (Procedure 7) GVPC Medium		

Legionella Analysis Results

TEST	UNIT	METHOD	METHOD DETECTION LIMIT	UM Range	RESULTS	GUIDELINES
Legionella Species	CFU/L	ISO 11731 2017	1.0	NA	<1	< 1000 ¥

Remarks: The Legionella status of the above tested sample is satisfactory with respect to the specified guideline.
¥ Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System- DM-HSD-GU44-LCWS2, Release No # 3-Dated 13/09/2022

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with International practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , ISO-The International Organization for Standardization , APHA-American Public Health Association , BS-British Standard , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Checked By:
Andrea D'Souza (Head Of Microbiology)

Verified By:
Daliya MJ (Technical Manager)

Approved By:
Praveen R.Nair (Laboratory Manager)

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01; 10/12/2018

04;18/04/2021



LABORATORY ANALYSIS REPORT

Reporting Date: 07-Nov-2024

Report No	WBR24-30088	Sample No	WBS24-20006
Request No	WBQ24-04884	Date Of Analysis	From: 25-Oct-2024 To: 06-Nov-2024

CLIENT INFORMATION

Client	CRESCENT ENGLISH HIGH SCHOOL
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 76311 City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr.Qaisar Altaf Tel: 042988866 Fax: 042988299 Mobile: 0569987212 Email: admin@crecentschooldubai.com
Project	Crescent English High School, Dubai (Ref: WBCBL-0314-E-Contract-Rev-1 Dt. 01/01/2024 to 31/12/2024)

SAMPLE INFORMATION

Sample Point	Toilet - Grade-5 to 12 Boys Wash Basin Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	25-Oct-2024 14:05
Sample Identification	SC No.31747/09	Submitted By	WBCBL Rep.
Sampling Procedure	BS7592:2022	Receiving Date & Time	25-Oct-2024 16:45
Sample Container/Volume	Sterile Bottle/ 1.5 L	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	33.7°C	Sample Receipt Temp.	20.0°C
Type Of Biocide	Chlorine	Biocide Concentration	<0.02
Volume Used In Analysis	1 L	Sampling Certificate No	31747
Sampling Apparatus	Sterile Bottle	Tested By	AM
Test Method	International Organization for Standardization (ISO) 11731-2017 Matrix : A- Membrane Filter on Plate with Acid Treatment (Procedure 7) GVPC Medium		

Legionella Analysis Results

TEST	UNIT	METHOD	METHOD DETECTION LIMIT	UM Range	RESULTS	GUIDELINES
Legionella Species	CFU/L	ISO 11731 2017	1.0	25 - 36	30	< 1000 ¥

Remarks: The Legionella status of the above tested sample is satisfactory with respect to the specified guideline.

¥ Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System- DM-HSD-GU44-LCWS2, Release No # 3-Dated 13/09/2022

The presence of Legionella Species is confirmed in above tested sample.

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with International practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected, CFU - Colony Forming Unit, ISO-The International Organization for Standardization, APHA-American Public Health Association, BS-British Standard, WBCBL- Water Bird Chemical & Biological Laboratory, MDL: Method Detection Limit, UM: Uncertainty Measurement, NA: Not Applicable

Checked By:
Andrea D'Souza (Head Of Microbiology)

Verified By:
Daliya MJ (Technical Manager)

Approved By:
Praveen R.Nair (Laboratory Manager)

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