ENVIRONMENTAL SERVICES FOR A GREENER TOMORROW... ONE STEP AT A TIME.

CRYSTALLINE
ENVIRONMENTAL SERVICES

Completion Report for

Water Tank Cleaning & Disinfection

Date:	**06 March 2021**
Client Name:	**Bright Riders School**
Contact Person:	**Mr. Bijith Kumar**
Designation:	**Supervisor**
Site Detail:	**Shabia - Abu Dhabi**

Address: PO BOX 131463, Abu Dhabi, UAE | Phone: +971 2 650 8930, +971 55 716 7017
E-mail: info@crystalline-uae.com | Website: www.crystalline-uae.com

Service Report

CRYSTALLINE
ENVIRONMENTAL SERVICES

Customer: Bright Riders School	**Contact Person:** Mr. Bijith Humar
Site: Musaffah, Abu Dhabi	**Contact Number:** 0528655498
Description: Domestic Water Tank Cleaning	**Location:** D-block roof top

Type Of Building : ☐ Commercial ☐ Residential ☑ Others

Type Of Tank

☐ Concrete ☑ GRP Panel ☐ FRP Tank ☐ Galvanized
☐ Steel Panel ☐ Plastic ☐ Concrete Coated ☐ Polyurethane
☐ Others

Condition before cleaning			**Condition after cleaning**		
☐ Clean	☑ Dirty	☐ Very Dirty	☑ Clean	☐ Dirty	☐ Very Dirty
☐ Biofilms	☐ Moulds	☐ Slime	☐ Biofilms	☐ Moulds	☐ Slime
☐ Sediments	☐ Mud & Sand	☐ Rust	☐ Sediments	☐ Mud & Sand	☐ Rust

Size of Tank

M3: **USG:** **L*B*H:**

Quantity Of Water			**Manhole**		
☐ Full	☑ Half	☐ Empty	☐ Covered	☑ Damaged	☐ NA

Ladder In		**Ladder Out**		**Leaks**	
☑ Yes	☐ No	☑ Yes	☐ No	☑ Yes	☐ No
Drain Line		**Valves**		**Float Valve**	
☑ Yes	☐ No	☑ Yes	☐ No	☑ Yes	☐ No
Tank Cleaned		**Tank Disinfected**		**Pipes Disinfected**	
☑ Yes	☐ No	☑ Yes	☐ No	☑ Yes	☐ No

Chemicals Used

Chemical: Carela bio **Quantity:** 500ml
Chemical: Carela bio plus **Quantity:** 500ml

Equipments Used

☑ Submersibel Pump ☐ High/low Pressure Jet ☑ Extension Cords ☑ LED Lights
☑ Foot Bath ☐ Ladder ☑ Ventilating Fan ☑ Oxygen Meter
☐ Vacuum Cleaner ☑ Cleaning Materials ☑ Suction/Discharge Hoses

Last Cleaning Date	**Current Cleaning Date**	**Next Cleaning Date**
-	05 March 2021	04 September 2021

Crystalline Representative	**Customer Representative**

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E-mail: info@crystalline-uae.com | Website: www.crystalline-uae.com

مختبرات ويمبي ذ م م
Wimpey Laboratories LLC
P.O. Box 115086, Musaffah M-34, Abu Dhabi, U.A.E.
Tel: +971 2 5503324, Fax: +971 2 5503387

ENAS
Emirates National Accreditation System
Testing - NAL 034

Microbiology Test Report

Customer Details

Crystalline Cleaning & Environmental Services
P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2103-37862

Request No.	: WA-Q-L-2103-05329	Received Date :	08/03/2021	Sample No. :	WA-S-L-2103-37404

Sampling Date	: 08/03/2021	Report Date.	: 11/03/2021
Analysis Start Date.	: 08/03/2021	Analysis End Date.	: 10/03/2021
Sample Location.	: Bright Rider School (MBZ)	Sampled By	: Shoukth
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 4085	Sampling Method	: APHA 9060 A&B
Temperature °C	: 28.1	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: KG Block Rooftop GRP Tank
Sampling Point	: GRP Tank	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	--
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Pseudomonas aeroginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

Limits based on Water Quality Regulations 2021. Document no. DoE/PD/R01/003. Table F – Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
SN	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D
Head of Microbiology Department

Test results relate only to the samples tested.This report shall not be reproduced except in full, without the written approval of the Laboratory. This is a LIMS software generated document with E Signature.

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Wimpey Laboratories LLC
P.O. Box 115086, Musaffah M-34, Abu Dhabi, U.A.E.
Tel: +971 2 5503324, Fax: +971 2 5503387

Testing - NAL 034

Microbiology Test Report

Customer Details

Crystalline Cleaning & Environmental Services
P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2103-37861

Request No.	: WA-Q-L-2103-05329	Received Date :	08/03/2021	Sample No. :	WA-S-L-2103-37403

Sampling Date	: 08/03/2021	Report Date.	: 11/03/2021
Analysis Start Date.	: 08/03/2021	Analysis End Date.	: 10/03/2021
Sample Location.	: Bright Rider School (MBZ)	Sampled By	: Shoukth
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 4085	Sampling Method	: APHA 9060 A&B
Temperature °C	: 32.1	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: E Block Main Rooftop GRP Tank
Sampling Point	: GRP Tank	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	--
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Pseudomonas aeroginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

Limits based on Water Quality Regulations 2021. Document no. DoE/PD/R01/003. Table F – Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
SN	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D.
Head of Microbiology Department

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P.O. Box 115086, Musaffah M-34, Abu Dhabi, U.A.E.
Tel: +971 2 5503324, Fax: +971 2 5503387

ENAS
Emirates National Accreditation System
Testing - NAL 034

Microbiology Test Report

Customer Details

Crystalline Cleaning & Environmental Services
P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2103-37860

Request No.	: WA-Q-L-2103-05329	Received Date :	08/03/2021	Sample No. :	WA-S-L-2103-37402

Sampling Date	: 08/03/2021	Report Date.	: 11/03/2021
Analysis Start Date.	: 08/03/2021	Analysis End Date.	: 10/03/2021
Sample Location.	: Bright Rider School (MBZ)	Sampled By	: Shoukth
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 4085	Sampling Method	: APHA 9060 A&B
Temperature °C	: 33.7	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: RCC Under Ground Tank
Sampling Point	: RCC Tank	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	--
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Pseudomonas aeroginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

Limits based on Water Quality Regulations 2021. Document no. DoE/PD/R01/003. Table F – Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
SN	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D
Head of Microbiology Department

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CRYSTALLINE
ENVIRONMENTAL SERVICES

Domestic Water Tank Cleaning

Before Photo

After Photo

Before Photo

After Photo

Water tank has been cleaned and disinfected properly. The tank's interior paint is gradually deteriorating.

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Service Report

CRYSTALLINE
ENVIRONMENTAL SERVICES

Customer: Bright Riders School	**Contact Person:** Mr. Bijith Humar
Site: Musaffah, Abu Dhabi	**Contact Number:** 0528655498
Description: Domestic Water Tank Cleaning #1	**Location:** KG-block roof top

Type Of Building : ☐ Commercial ☐ Residential ☑ Others

Type Of Tank

☐ Concrete ☑ GRP Panel ☐ FRP Tank ☐ Galvanized
☐ Steel Panel ☐ Plastic ☐ Concrete Coated ☐ Polyurethane
☐ Others

Condition before cleaning			**Condition after cleaning**		
☐ Clean	☑ Dirty	☐ Very Dirty	☑ Clean	☐ Dirty	☐ Very Dirty
☐ Biofilms	☐ Moulds	☐ Slime	☐ Biofilms	☐ Moulds	☐ Slime
☐ Sediments	☐ Mud & Sand	☐ Rust	☐ Sediments	☐ Mud & Sand	☐ Rust

Size of Tank

M3: 18 **USG:** 4755 **L*B*H:** 3*3*2

Quantity Of Water			**Manhole**		
☐ Full	☑ Half	☐ Empty	☐ Covered	☑ Damaged	☐ NA

Ladder In		**Ladder Out**		**Leaks**	
☑ Yes	☐ No	☑ Yes	☐ No	☑ Yes	☐ No
Drain Line		**Valves**		**Float Valve**	
☑ Yes	☐ No	☑ Yes	☐ No	☑ Yes	☐ No
Tank Cleaned		**Tank Disinfected**		**Pipes Disinfected**	
☑ Yes	☐ No	☑ Yes	☐ No	☑ Yes	☐ No

Chemicals Used

Chemical: Carela bio **Quantity:** 500ml
Chemical: Carela bio plus **Quantity:** 500ml

Equipments Used

☑ Submersibel Pump ☐ High/low Pressure Jet ☑ Extension Cords ☑ LED Lights
☑ Foot Bath ☐ Ladder ☑ Ventilating Fan ☑ Oxygen Meter
☐ Vacuum Cleaner ☑ Cleaning Materials ☑ Suction/Discharge Hoses

Last Cleaning Date	**Current Cleaning Date**	**Next Cleaning Date**
-	05 March 2021	04 September 2021

Crystalline Representative	**Customer Representative**

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CRYSTALLINE
ENVIRONMENTAL SERVICES

Domestic Water Tank Cleaning #1

Before Photo

After Photo

Before Photo

After Photo

Water tank has been cleaned and disinfected. The tank's interior paint is gradually deteriorating.

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E-mail: info@crystalline-uae.com | Website: www.crystalline-uae.com

Service Report

CRYSTALLINE
ENVIRONMENTAL SERVICES

Customer: Bright Riders School	**Contact Person:** Mr. Bijith Humar
Site: Musaffah, Abu Dhabi	**Contact Number:** 0528655498
Description: Domestic Water Tank Cleaning #2	**Location:** KG-block roof top

Type Of Building : ☐ Commercial ☐ Residential ☑ Others

Type Of Tank

☐ Concrete ☑ GRP Panel ☐ FRP Tank ☐ Galvanized
☐ Steel Panel ☐ Plastic ☐ Concrete Coated ☐ Polyurethane
☐ Others

Condition before cleaning			Condition after cleaning		
☐ Clean	☑ Dirty	☐ Very Dirty	☑ Clean	☐ Dirty	☐ Very Dirty
☐ Biofilms	☐ Moulds	☐ Slime	☐ Biofilms	☐ Moulds	☐ Slime
☐ Sediments	☐ Mud & Sand	☐ Rust	☐ Sediments	☐ Mud & Sand	☐ Rust

Size of Tank

M3: 18 **USG:** 4755 **L*B*H:** 3*3*2

Quantity Of Water			Manhole		
☐ Full	☑ Half	☐ Empty	☐ Covered	☑ Damaged	☐ NA

Ladder In		Ladder Out		Leaks	
☑ Yes	☐ No	☑ Yes	☐ No	☑ Yes	☐ No
Drain Line		**Valves**		**Float Valve**	
☑ Yes	☐ No	☑ Yes	☐ No	☑ Yes	☐ No
Tank Cleaned		**Tank Disinfected**		**Pipes Disinfected**	
☑ Yes	☐ No	☑ Yes	☐ No	☑ Yes	☐ No

Chemicals Used

Chemical: Carela bio **Quantity:** 500ml
Chemical: Carela bio plus **Quantity:** 500ml

Equipments Used

☑ Submersibel Pump ☐ High/low Pressure Jet ☑ Extension Cords ☑ LED Lights
☑ Foot Bath ☐ Ladder ☑ Ventilating Fan ☑ Oxygen Meter
☐ Vacuum Cleaner ☑ Cleaning Materials ☑ Suction/Discharge Hoses

Last Cleaning Date	Current Cleaning Date	Next Cleaning Date
-	05 March 2021	04 September 2021

Crystalline Representative	Customer Representative

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E-mail: info@crystalline-uae.com | Website: www.crystalline-uae.com

CRYSTALLINE
ENVIRONMENTAL SERVICES

Domestic Water Tank Cleaning #2

Before Photo

After Photo

Before Photo

After Photo

Water tank has been cleaned and disinfected. The tank's interior paint is gradually deteriorating.

Address: PO BOX 131463, Abu Dhabi, UAE | Phone: +971 2 650 8930, +971 55 716 7017
E-mail: info@crystalline-uae.com | Website: www.crystalline-uae.com

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

WATER TANK CLEANING AND DISINFECTION

CLIENT NAME	**: BRIGHT RIDERS SCHOOL**
CONTACT PERSON	**: MR. BIJITH KUMAR**
DESIGNATION	**: SUPERVISOR**
SITE DETAILS	**: SHABIA - ABU DHABI**
DETAILS	**: WATER TANK CLEANING & DISINFECTION**
DATE OF CLEANING	**: 05 MARCH 2021**
FREQUENCY OF CLEANING	**: HALF YEARLY**
DATE OF NEXT CLEANING	**: 04 SEPTEMBER 2021**

The above water tanks were cleaned and disinfected in accordance with the Code of Practice for the inspection and cleaning of customer water storage tanks.

الخط البلوري لخدمات التنظيف و البيئة
P.O.Box: 131463
CLEANED & DISINFECTED
Abu Dhabi - U.A.E.
CRYSTAL LINE CLEANING & ENVIRONMENTAL SERVICES

CRYSTALLINE CLEANING AND ENVIRNOMENTAL SERVICES

BRIGHT RIDERS SCHOOL L.L.C. P.O. Box: 39666 Abu Dhabi-U.A.E