



MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES TIRUVALLA
(MACFAST)

Thiruvalla - 689101

**MACFAST BACTERIOLOGICAL WATER ANALYSIS FOR LAB TO LAND
(MAC B-WALL)**


During the month of August 2018, Kerala faced the worst flood of the century and people residing in the flood-hit area started facing a drinking water crisis due to contamination of wells and damage to pumping stations in the flood-hit areas. With the aim of serving the society, MACFAST started a new initiative "MACFAST Bacteriological water analysis for lab to land (MAC B-WALL)" and the main objective behind this initiative was to extend the water analysis facility in MACFAST for the benefits of the general public in and around Thiruvalla who have been affected with flood.

Water samples are collected from the drinking water sources of flood affected areas in clean, sterile sampling bottles and labeled accordingly. The samples were then subjected to presumptive testing for coliform bacteria by the most probable number (MPN) method and any variation (if any) in the water quality were suggested for periodic chlorination of water sources. Water analysis was performed by students of the school of Biosciences under the mentoring of two faculties.

The School of Biosciences was able to pinpoint the presence of bacteriological contamination in drinking resources and was able to take the necessary initiatives and suggestions to eliminate the contamination through proper sanitization and disinfection measures.


Fr. Dr. CHERIAN J KOTTAYIL
PRINCIPAL
Mar Athanasios College For Advanced Studies
Thiruvalla- 689101, Kerala




JENNY JACOB



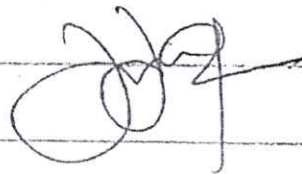
Water Analysis

Batches in Charge

2018

B-WALL.

This is an attendance of Bioscience students who have completed water Analysis for outside samples.



DR. JENNY JACOB

Lab-in-charge

Water Analysis.

8/10/18

Sample 01

- Mr. Vaighere.

Gopika Raj P

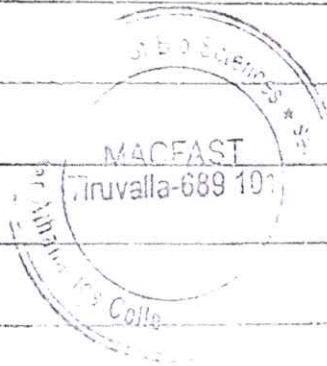
[Signature]

Christeena Siby

[Signature]

Result Verified

[Signature] 8/10/18



[Signature]
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8/10/18

Sample 02

- Mr Reji P.

Ajmi S.

Aswathy A.S.



Result Verified

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8/10/18

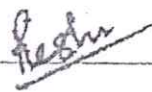
Sample 03

Mrs Julie K

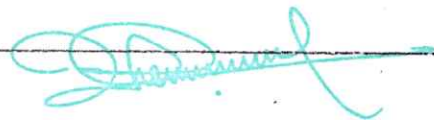
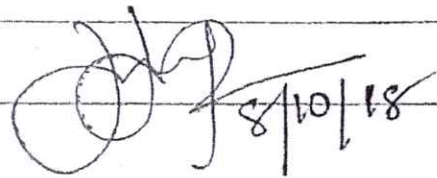
Aflisa P Anil



Reshma K



Result Verified



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11/10/18

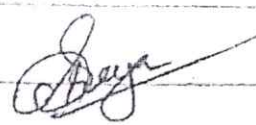
Sample 04

Mrs Jisu

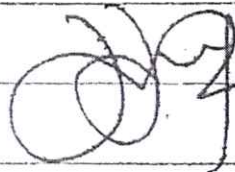
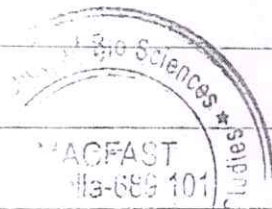
Anupama I



Sheya Antony



Result verified



12/10/18



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11/10/18 Sample 05

Dr. Jenny Jacobs

Basma Yousuf. Basma

Jeeba S. Baby Jeeba

Result verified



[Signature]
11/10/18

[Signature]

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11/10/18

Sample 06

Mrs Giptu Mohan

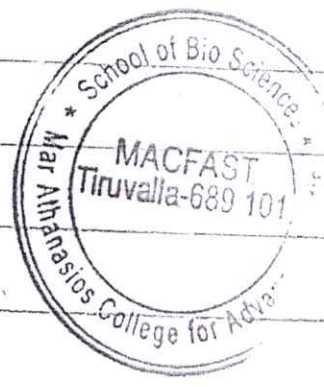
Arya C Mitra

Arya Mitra

Aryama Krishna

Ayanase

Result verified



[Signature]
11/10/18

[Signature]
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6/2/19

Sample 07

Mrs. Jinu (repeat after
1 year)

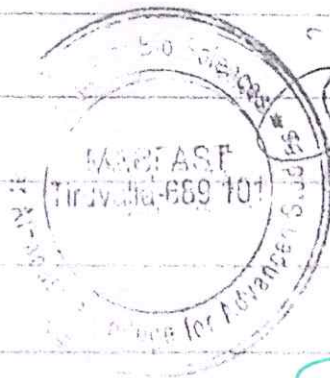
Aleena Sara Mathew

[Signature]

Gopika S Pillai

[Signature]

Result Verified



[Signature] 6/2/19

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10/7/19

Sample 08

Mrs Jibunas KG

Chitra AM

Chitra

Ganga Jayakumar

Ganga

Result verified



[Signature] 12/7/19

[Signature]
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19/11/19

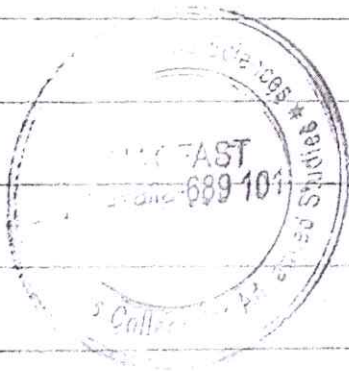
Sample 09/and 10.

Mr Sudeep B. Chandramana

Christy Johnson. *Christy*

Grange S. *Grange*

Result verified



[Signature]
20/11/19

[Signature]
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21/12/20

Sample 11

Mr. Ramesh

Aiswarya M Paricheer Aisu

Sabomy KS.

Sabomy

Result verified



[Signature] 23/12/20

[Signature]

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