



KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY

VELLAYAMBALAM, THIRUVANANTHAPURAM

Telephone No - 0471-2735303, E-mail - aeeqsdsvm@gmail.com

Test Report

Test Report. No -KWA/QCDL/TVM/2022/1245

Customer Name & Address		1. Date of Receipt : 21.2.2022		
THAJUDEEN, MAHEEN MANZIL, KARIKKAKOM, TVPM, KL-01BA1057		2. Sampling done by : The Customer		
		3. Sample Code : 2022/1245		
		4. Source of Sample : Tanker		
		5. Sample Quantity : 200ml		
		6. Test Performing Dates From : 22.2.2021 To : 23.2.2022		
Sl. No.	Parameters		Test Method	Result
1	Total Coliforms	Shall not be detected / 100ml	IS 15185 : 2016 ISO 9308 - I : 2014	ABSENT
2	E. Coli	Shall not be detected/ 100ml	IS 15185 : 2016 ISO 9308 - I : 2014	ABSENT

Remarks:-

NB:- The results stated above related only to the sample(s) submitted for testing. This test certificate shall not be reproduced except in full without the written approval of the Laboratory.

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* End of Report *

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KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
VELLAYAMBALAM, THIRUVANANTHAPURAM
 Telephone No - 0471-2735303, E-mail - aeeqsdvtm@gmail.com



TC-9567

Test Report

Test Report. No -KWA/QCDL/TVM/2022/1245

ULR No.: TC95672100001233F

Customer Name & Address			1. Date of Receipt : 21.2.2022		
THAJUDEEN,MAHEEN MANZIL,KARIKKAKOM,TVPM, KL-01BA1057			2. Sampling done by : The Customer		
			3. Sample Code : 2022/1245		
			4. Source of Sample : tanker		
			5. Sample Quantity :2 litre		
			6. Test Performing Dates From : 21.2.2022 To :22.2.2022		
Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Colour	Pt Co.Units	IS 3025 (part 4)-1983 (R. 2017)	5	20
2	Odour		IS 3025 (part 5-2018)		agreeable
3	Turbidity	(NTU)	IS 3025 (part 10) - 1984 (R. 2017)	1	5.21
4	pH at 25°C		IS 3025 (part 11) - 1983 (R. 2017)	6.5 to 8.5	10.94
5	Total Alkalinity (as CaCO ₃)	(mg/litre)	IS 3025 (part 23) - 1986 (R. 2019)	200	110
6	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (part 16) - 1984 (R. 2017)	500	423.40
7	Total Hardness (as Ca CO ₃)	(mg/litre)	IS 3025 (part 21) - 2009 (R. 2019)	200	281.40
8	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40) - 1991 (R. 2019)	75	103.57
9	Magnesium (as Mg)	(mg/litre)	IS 3025 (part 46) - 1994 (R. 2019)	30	5.61
10	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32) - 1988 (R. 2019)	250	122.21

Remarks:-

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Analyzed by: *Aswathy*

Authorized By: *[Signature]*
 SANITARY CHEMIST
 QUALITY CONTROL DISTRICT LAB
 KERALA WATER AUTHORITY
 THIRUVANANTHAPURAM

* End of Report *

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Test Report

Test Report. No -KWA/QCDL/TVM/2022/1245

Customer Name & Address		1. Date of Receipt : 21.2.2022			
THAJUDEEN,MAHEEN MANZIL,KARIKKAKOM,TVPM, KL-01BA1057		2. Sampling done by : The Customer			
		3. Sample Code : 2022/1245			
		4. Source of Sample : Tanker			
		5. Sample Quantity :2 litre			
		6. Test Performing Dates			
				From : 21.2.2022	
	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Electrical Conductivity at 25 °C	(micro mhos/cm)	IS 3025 (part 14) - 2013 (R. 2019)		1015
2	Acidity	(mg/litre)	IS 3025 (part 22) - 1986 (R. 2019)		NIL
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025 (part 24) - 1986 (R. 2019)	200	7.24
4	Fluoride (as F)	(mg/litre)	IS 3025 (part 60) - 2008 (R. 2013)	1.0	ND
5	Iron (as Fe)	(mg/litre)	IS 3025 (part 53) - 2003 (R. 2014)	1.0	0.32
6	Nitrate (as NO ₃)	(mg/litre)	IS 3025 (part 34) - 1988 (R. 2019)	45	5.12
7	Residual Chlorine	(mg/litre)	IS 3025 (part 26) - 1986 (R. 2019)	0.2	NIL

Remarks:-

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Analyzed by: *Aswathy*

SANITARY CHEMIST
QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
THIRUVANANTHAPURAM
Authorized By: *S. H.*

* End of Report *

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 VELLAYAMBALAM, THIRUVANANTHAPURAM
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TC-9567

Test Report

Test Report. No -KWA/QCDL/TVM/2021/885

ULR No.: TC95672100000880F

Customer Name & Address			1. Date of Receipt : 9.2.2022		
MANAGING DIRECTOR JUBILEE MEMORIAL HOSPITAL, SUNNY MEADS LANE, PALAYAM,TVM KLOIBE6053			2. Sampling done by : The Customer		
			3. Sample Code : 2021/885		
			4. Source of Sample : Corperation water		
			5. Sample Quantity :2 litre		
			6. Test Performing Dates		
			From : 9.2.2022 To :10.2.2022		
Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Colour	Pt Co.Units	IS 3025 (part 4)-1983 (R. 2017)	5	5
2	Odour		IS 3025 (part 5-2018)		agreeable
3	Turbidity	(NTU)	IS 3025 (part 10) - 1984 (R. 2017)	1	0.69
4	pH at 25°C		IS 3025 (part 11) - 1983 (R. 2017)	6.5 to 8.5	6.95
5	Total Alkalinity (as CaCO ₃)	(mg/litre)	IS 3025 (part 23) - 1986 (R. 2019)	200	4
6	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (part 16) - 1984 (R. 2017)	500	22.20
7	Total Hardness (as Ca CO ₃)	(mg/litre)	IS 3025 (part 21) - 2009 (R. 2019)	200	14
8	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40) - 1991 (R. 2019)	75	4.01
9	Magnesium (as Mg)	(mg/litre)	IS 3025 (part 46) - 1994 (R. 2019)	30	0.97
10	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32) - 1988 (R. 2019)	250	11.66

Remarks:-

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Analyzed by: *Swathy*

Authorized By: *[Signature]*
 ANALYST CHEMIST
 QUALITY CONTROL DISTRICT LAB
 KERALA WATER AUTHORITY
 THIRUVANANTHAPURAM

* End of Report *

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QUALITY CONTROL DISTRICT LABORATORY

VELLAYAMBALAM, THIRUVANANTHAPURAM
Telephone No - 0471-2735303, E-mail - aeeqsdvtm@gmail.com

Test Report

Test Report. No -KWA/QCDL/TVM/2021/885

Customer Name & Address		1. Date of Receipt : 9.2.2022			
MANAGING DIRECTOR JUBILEE MEMORIAL HOSPITAL, SUNNY MEADS LANE, PALAYAM,TVM		2. Sampling done by : The Customer			
		3. Sample Code : 2021/885			
		4. Source of Sample : Corporation water			
		5. Sample Quantity :2 litre			
		6. Test Performing Dates From : 9.2.2022 To :10.2.2022			
		Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012
1 Electrical Conductivity at 25 ^o C	(micro mhos/cm)	IS 3025 (part 14) - 2013 (R. 2019)		50.50	
2 Acidity	(mg/litre)	IS 3025 (part 22) - 1986 (R. 2019)		4	
3 Sulphate (as SO ₄)	(mg/litre)	IS 3025 (part 24) - 1986 (R. 2019)	200	3.15	
4 Fluoride (as F)	(mg/litre)	IS 3025 (part 60) - 2008 (R. 2013)	1.0	NIL	
5 Iron (as Fe)	(mg/litre)	IS 3025 (part 53) - 2003 (R. 2014)	1.0	0.15	
6 Nitrate (as NO ₃)	(mg/litre)	IS 3025 (part 34) - 1988 (R. 2019)	45	2.05	
7 Residual Chlorine	(mg/litre)	IS 3025 (part 26) - 1986 (R. 2019)	0.2	NIL	

Remarks:-

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Analyzed by:

Aswathy

Authorized By:

SANITARY CHEMIST
QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
THIRUVANANTHAPURAM

* End of Report *

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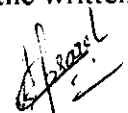
Test Report

Test Report. No -KWA/QCDL/TVM/2021/885

Customer Name & Address			1. Date of Receipt : 9.2.2022	
MANAGING DIRECTOR JUBILEE MEMORIAL HOSPITAL, SUNNY MEADS LANE, PALAYAM, TVM			2. Sampling done by : The Customer	
			3. Sample Code : 2021/885	
			4. Source of Sample : Corporation water	
			5. Sample Quantity : 200ml	
			6. Test Performing Dates From : 9.2.2021 To :10.2.2022	
			Sl. No.	Parameters
1	Total Coliforms	Shall not be detected / 100ml	IS 15185 : 2016 ISO 9308 - 1 : 2014	ABSENT
2	E. Coli	Shall not be detected/ 100ml	IS 15185 : 2016 ISO 9308 - 1 : 2014	ABSENT

Remarks:-

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QUALITY CONTROL DISTRICT LABORATORY
VELLAYAMBALAM, THIRUVANANTHAPURAM
 Telephone No - 0471-2735303, E-mail - aeeqsdtvm@gmail.com



Test Report

Test Report. No -KWA/QCDL/TVM/2022/938

ULR No.: TC95672100000929F

18/2/22

Customer Name & Address			1. Date of Receipt : 11.2.2022		
THAJUDEEN, MAHEEN MANZIL, KARIKKAKOM,TVM KL 01 BK 3022			2. Sampling done by : The Customer		
			3. Sample Code : 2022/938		
			4. Source of Sample : tanker		
			5. Sample Quantity :2 litre		
			6. Test Performing Dates From : 11.2.2022 To :14.2.2022		
Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Colour	Pt Co.Units	IS 3025 (part 4)-1983 (R. 2017)	5	15
2	Odour		IS 3025 (part 5-2018)		agreccable
3	Turbidity	(NTU)	IS 3025 (part 10) - 1984 (R. 2017)	1	2.20
4	pH at 25°C		IS 3025 (part 11) - 1983 (R. 2017)	6.5 to 8.5	9.43
5	Total Alkalinity (as CaCO ₃)	(mg/litre)	IS 3025 (part 23) - 1986 (R. 2019)	200	52
6	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (part 16) - 1984 (R. 2017)	500	89.20
7	Total Hardness (as Ca CO ₃)	(mg/litre)	IS 3025 (part 21) - 2009 (R. 2019)	200	60
8	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40) - 1991 (R. 2019)	75	23.26
9	Magnesium (as Mg)	(mg/litre)	IS 3025 (part 46) - 1994 (R. 2019)	30	0.49
10	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32) - 1988 (R. 2019)	250	26.23

Remarks:-

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Analyzed by: *Aswathy*

Authorized By: *[Signature]*

* End of Report *

Sanitary Chemist
 Quality Control District Lab
 Kerala Water Authority
 Vellayambalam, Thiruvananthapuram

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Test Report

Test Report. No -KWA/QCDL/TVM/2022/938

Customer Name & Address		1. Date of Receipt : 11.2.2022			
THAJUDEEN, MAHEEN MANZIL, KARIKKAKOM, TVM		2. Sampling done by : The Customer			
		3. Sample Code : 2022/938			
		4. Source of Sample : tanker			
		5. Sample Quantity : 2 litre			
		6. Test Performing Dates			
				From : 11.2.2022	
	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Electrical Conductivity at 25 ^o C	(micro mhos/cm)	IS 3025 (part 14) - 2013 (R. 2019)		202.20
2	Acidity	(mg/litre)	IS 3025 (part 22) - 1986 (R. 2019)		NIL
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025 (part 24) - 1986 (R. 2019)	200	5.02
4	Fluoride (as F)	(mg/litre)	IS 3025 (part 60) - 2008 (R. 2013)	1.0	NIL
5	Iron (as Fe)	(mg/litre)	IS 3025 (part 53) - 2003 (R. 2014)	1.0	0.12
6	Nitrate (as NO ₃)	(mg/litre)	IS 3025 (part 34) - 1988 (R. 2019)	45	2.13
7	Residual Chlorine	(mg/litre)	IS 3025 (part 26) - 1986 (R. 2019)	0.2	NIL

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Analyzed by: *Aswathy*

Authorized By: *S. H.*

* End of Report *

KWA/QCDL/TVM/R-41/2021	Issue No:1	Issue Date 10.02.2021
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Test Report

Test Report. No -KWA/QCDL/TVM/2022/938

Customer Name & Address		1. Date of Receipt : 11.2.2022		
THAJUDEEN, MAHEEN MANZIL, KARIKKAKOM,TVM		2. Sampling done by : The Customer		
		3. Sample Code : 2022/938		
		4. Source of Sample : Tanker		
		5. Sample Quantity : 200ml		
		6. Test Performing Dates From : 14.2.2021 To : 15.2.2022		
Sl. No.	Parameters		Test Method	Result
1	Total Coliforms	Shall not be detected / 100ml	IS 15185 : 2016 ISO 9308 - 1 : 2014	ABSENT
2	E. Coli	Shall not be detected/ 100ml	IS 15185 : 2016 ISO 9308 - 1 : 2014	ABSENT

Remarks:-

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VELLAYAMBALAM, THIRUVANANTHAPURAM
Telephone No - 0471-2735303, E-mail - aeeqcsdsvm@gmail.com



Test Report

TC-9567

Test Report. No -KWA/QCDL/TVM/2021/883

ULR No.: TC95672100000878F

Customer Name & Address			1. Date of Receipt : 9.2.2022		
THAJUDEEN, MAHEEN MANZIL, KARIKAKOM, TVM ,KL.01CB6468			2. Sampling done by : The Customer		
			3. Sample Code : 2021/883		
			4. Source of Sample : Tanker		
			5. Sample Quantity : 2 litre		
			6. Test Performing Dates		
			From : 9.2.2022 To : 10.2.2022		
Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Colour	Pt Co.Units	IS 3025 (part 4)-1983 (R. 2017)	5	10
2	Odour		IS 3025 (part 5-2018)		agreeable
3	Turbidity	(NTU)	IS 3025 (part 10) - 1984 (R. 2017)	1	1.63
4	pH at 25°C		IS 3025 (part 11) - 1983 (R. 2017)	6.5 to 8.5	7.06
5	Total Alkalinity (as CaCO ₃)	(mg/litre)	IS 3025 (part 23) - 1986 (R. 2019)	200	20.0
6	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (part 16) - 1984 (R. 2017)	500	31.0
7	Total Hardness (as Ca CO ₃)	(mg/litre)	IS 3025 (part 21) - 2009 (R. 2019)	200	24
8	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40) - 1991 (R. 2019)	75	8.02
9	Magnesium (as Mg)	(mg/litre)	IS 3025 (part 46) - 1994 (R. 2019)	30	0.97
10	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32) - 1988 (R. 2019)	250	10.68

Remarks:-

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Analyzed by: *Swathy*

Authorized By: *[Signature]*
SANITARY CHEMIST
QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
THIRUVANANTHAPURAM

* End of Report *

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Test Report

Test Report. No -KWA/QCDL/TVM/2021/883

Customer Name & Address		1. Date of Receipt : 9.2.2022			
THAJUDEEN, MAHEEN MANZIL,KARIKAKOM,TVM ,KL.01CB6468		2. Sampling done by : The Customer			
		3. Sample Code : 2021/883			
		4. Source of Sample : Tanker			
		5. Sample Quantity :2 litre			
		6. Test Performing Dates From : 9.2.2022 To :10.2.2022			
		Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012
1 Electrical Conductivity at 25 °C	(micro mhos/cm)	IS 3025 (part 14) - 2013 (R. 2019)		71.14	
2 Acidity	(mg/litre)	IS 3025 (part 22) - 1986 (R. 2019)		4	
3 Sulphate (as SO ₄)	(mg/litre)	IS 3025 (part 24) - 1986 (R. 2019)	200	1.55	
4 Fluoride (as F)	(mg/litre)	IS 3025 (part 60) - 2008 (R. 2013)	1.0	NIL	
5 Iron (as Fe)	(mg/litre)	IS 3025 (part 53) - 2003 (R. 2014)	1.0	0.18	
6 Nitrate (as NO ₃)	(mg/litre)	IS 3025 (part 34) - 1988 (R. 2019)	45	3.58	
7 Residual Chlorine	(mg/litre)	IS 3025 (part 26) - 1986 (R. 2019)	0.2	NIL	

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Analyzed by: Aswathy

Authorized By: [Signature]
SANITARY CHEMIST
QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
THIRUVANANTHAPURAM

* End of Report *

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Test Report

Test Report. No -KWA/QCDL/TVM/2021/883

Customer Name & Address		1. Date of Receipt : 9.2.2022		
THAJUDEEN, MAHEEN MANZIL, KARIKAKOM, TVM , KL.01CB6468		2. Sampling done by : The Customer		
		3. Sample Code : 2021/883		
		4. Source of Sample : Tanker		
		5. Sample Quantity : 200ml		
		6. Test Performing Dates		
		From : 9.2.2021 To : 10.2.2022		
Sl. No.	Parameters		Test Method	Result
1	Total Coliforms	Shall not be detected / 100ml	IS 15185 : 2016 ISO 9308 - 1 : 2014	ABSENT
2	E. Coli	Shall not be detected/ 100ml	IS 15185 : 2016 ISO 9308 - 1 : 2014	ABSENT

Remarks:-

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KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
VELLAYAMBALAM, THIRUVANANTHAPURAM
Telephone No - 0471-2735303, E-mail - aceqcsdtvm@gmail.com

Test Report

Test Report. No -KWA/QCDL/TVM/2021/616

Customer Name & Address		1. Date of Receipt : 24.1.2022		
SAJU JAMES, THARANGINI HOUSE, THETTIVILA VENGANOOR, KALLIYOOR TVM KLOGD9188		2. Sampling done by : The Customer		
		3. Sample Code : 2021/616		
		4. Source of Sample : corporation pipe line		
		5. Sample Quantity : 200ml		
		6. Test Performing Dates		
		From : 24.1.2021 To : 25.1.2022		
Sl. No.	Parameters		Test Method	Result
1	Total Coliforms	Shall not be detected / 100ml	IS 15185 : 2016 ISO 9308 - 1 : 2014	ABSENT
2	E. Coli	Shall not be detected / 100ml	IS 15185 : 2016 ISO 9308 - 1 : 2014	ABSENT

Remarks:-

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KLOGD9188

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 270/20-21

Date : 25/09/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 07/09/2020

Date of Testing : 07/09/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	10
2	Turbidity (NTU)	NTU	1	1.80
3	pH		6.5-8.5	6.56
4	Electrical Conductivity	µs/cm		107.8
5	Temperature	° C		28
6	Acidity	mg/litre		10
7	Alkalinity	mg/litre	200	14
8	Sulphate (as SO ₄)	mg/litre	200	19.5
9	Total Dissolved Solids(TDS)	mg/litre	500	53.9
10	Total Hardness as (CaCO ₃)	mg/litre	200	30
11	Calcium (Ca)	mg/litre	75	8
12	Magnesium (Mg)	mg/litre	30	2.430
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.210
15	Iron (as Fe)	mg/litre	1.0	0.046
16	Nitrate (as NO ₃)	mg/litre	45	0.523
17	Residual Chlorine (Rc)	mg/litre	0.2	5.0

Sampling Points

1 KL-21-J-1978

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist

BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-21-J-1978	0	0

Remarks:

Signature of Bacteriologist

(Signature)
Signature of Asst. Engineer
 Assistant Engineer
 Quality Control District Lab,
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 271/20-21

Date : 25/09/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 07/09/2020

Date of Testing : 07/09/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	15
2	Turbidity (NTU)	NTU	1	1.93
3	pH		6.5-8.5	6.72
4	Electrical Conductivity	µs/cm		113.2
5	Temperature	°C		28
6	Acidity	mg/litre		8
7	Alkalinity	mg/litre	200	16
8	Sulphate (as SO ₄)	mg/litre	200	19.2
9	Total Dissolved Solids (TDS)	mg/litre	500	56.5
10	Total Hardness as (CaCO ₃)	mg/litre	200	32
11	Calcium (Ca)	mg/litre	75	12
12	Magnesium (Mg)	mg/litre	30	0.486
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.210
15	Iron (as Fe)	mg/litre	1.0	0.370
16	Nitrate (as NO ₃)	mg/litre	45	1.137
17	Residual Chlorine (Rc)	mg/litre	0.2	1.0

Sampling Points

1 KL-01-CL-4162

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

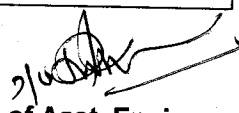
Signature of Chemist


BACTERIOLOGICAL ANALYSIS

Sl No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-01-CL-4162	0	0

Remarks:

Signature of Bacteriologist


 Signature of Asst. Engineer

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 272/20-21

Date : 25/09/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 07/09/2020

Date of Testing : 07/09/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	15
2	Turbidity (NTU)	NTU	1	2.06
3	pH		6.5-8.5	6.40
4	Electrical Conductivity	µs/cm		75.8
5	Temperature	° C		28
6	Acidity	mg/litre		6
7	Alkalinity	mg/litre	200	12
8	Sulphate (as SO ₄)	mg/litre	200	6.0
9	Total Dissolved Solids (TDS)	mg/litre	500	38
10	Total Hardness as (CaCO ₃)	mg/litre	200	36
11	Calcium (Ca)	mg/litre	75	12
12	Magnesium (Mg)	mg/litre	30	1.458
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.210
15	Iron (as Fe)	mg/litre	1.0	0.547
16	Nitrate (as NO ₃)	mg/litre	45	0.635
17	Residual Chlorine (Rc)	mg/litre	0.2	4.0

Sampling Points

1 KL-01-CL-6738

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.


Signature of Chemist


BACTERIOLOGICAL ANALYSIS

Sl No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-01-CL-6738	0	0

Remarks:

Signature of Bacteriologist


 Signature of Asst. Engineer

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 278/20-21

Date : 25/09/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 08/09/2020

Date of Testing : 08/09/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents	
				Sampling Points	
				1	
1	Colour	Hazen / Pt.Co.Units	5	20	
2	Turbidity (NTU)	NTU	1	3.78	
3	pH		6.5-8.5	6.60	
4	Electrical Conductivity	µs/cm		118.1	
5	Temperature	° C		28	
6	Acidity	mg/litre		8	
7	Alkalinity	mg/litre	200	20	
8	Sulphate (as SO ₄)	mg/litre	200	21.2	
9	Total Dissolved Solids (TDS)	mg/litre	500	59.2	
10	Total Hardness as (CaCO ₃)	mg/litre	200	44	
11	Calcium (Ca)	mg/litre	75	13.6	
12	Magnesium (Mg)	mg/litre	30	2.430	
13	Chloride as (Cl)	mg/litre	250	14	
14	Fluoride as (F)	mg/litre	1	0.210	
15	Iron (as Fe)	mg/litre	1.0	0.576	
16	Nitrate (as NO ₃)	mg/litre	45	1.198	
17	Residual Chlorine (Rc)	mg/litre	0.2	2.0	

Sampling Points

1 KL-22-N-7979

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist

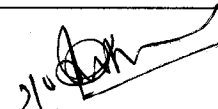

BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-22-N-7979	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer



KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 279/20-21

Date : 25/09/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 08/09/2020

Date of Testing : 08/09/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	20
2	Turbidity (NTU)	NTU	1	2.13
3	pH		6.5-8.5	6.16
4	Electrical Conductivity	µs/cm		75.4
5	Temperature	° C		28
6	Acidity	mg/litre		8
7	Alkalinity	mg/litre	200	14
8	Sulphate (as SO ₄)	mg/litre	200	5.9
9	Total Dissolved Solids (TDS)	mg/litre	500	37.6
10	Total Hardness as (CaCO ₃)	mg/litre	200	24
11	Calcium (Ca)	mg/litre	75	7.2
12	Magnesium (Mg)	mg/litre	30	1.458
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.210
15	Iron (as Fe)	mg/litre	1.0	0.355
16	Nitrate (as NO ₃)	mg/litre	45	0.813
17	Residual Chlorine (Rc)	mg/litre	0.2	4.0

Sampling Points

1 KL-01-BN-4000

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist


BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-01-BN-4000	0	0

Remarks:

Signature of Bacteriologist


 Signature of Asst. Engineer

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Date : 25/09/2020

Test Report No : 281/20-21

Name : Health Supervisor, Implementing officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 09/09/2020

Date of Testing : 09/09/2020


SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
1	Colour	Hazen / Pl.Co.Units	5	15
2	Turbidity (NTU)	NTU	1	2.92
3	pH		6.5-8.5	6.14
4	Electrical Conductivity	µs/cm		75.2
5	Temperature	° C		29.9
6	Acidity	mg/litre		12
7	Alkalinity	mg/litre	200	22
8	Sulphate (as SO ₄)	mg/litre	200	5.0
9	Total Dissolved Solids (TDS)	mg/litre	500	37.8
10	Total Hardness as (CaCO ₃)	mg/litre	200	20
11	Calcium (Ca)	mg/litre	75	5.6
12	Magnesium (Mg)	mg/litre	30	1.458
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.210
15	Iron (as Fe)	mg/litre	1.0	0.524
16	Nitrate (as NO ₃)	mg/litre	45	0.821
17	Residual Chlorine (Rc)	mg/litre	0.2	3.0

Sampling Points

1 KL-22-N-1175

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist


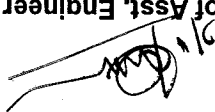
BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-22-N-1175	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer



KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 282/20-21

Date : 25/09/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 09/09/2020

Date of Testing : 09/09/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	5
2	Turbidity (NTU)	NTU	1	1.60
3	pH		6.5-8.5	6.82
4	Electrical Conductivity	µs/cm		109.7
5	Temperature	° C		29.9
6	Acidity	mg/litre		4
7	Alkalinity	mg/litre	200	20
8	Sulphate (as SO ₄)	mg/litre	200	19.1
9	Total Dissolved Solids (TDS)	mg/litre	500	54.9
10	Total Hardness as (CaCO ₃)	mg/litre	200	40
11	Calcium (Ca)	mg/litre	75	10.4
12	Magnesium (Mg)	mg/litre	30	3.402
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.210
15	Iron (as Fe)	mg/litre	1.0	0.002
16	Nitrate (as NO ₃)	mg/litre	45	1.144
17	Residual Chlorine (Rc)	mg/litre	0.2	1.2

Sampling Points

1 KL-22-N-2761

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist

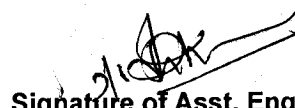

BACTERIOLOGICAL ANALYSIS

Sl No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-22-N-2761	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer



KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 289/20-21

Date : 07/10/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 11/09/2020

Date of Testing : 11/09/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents	
				Sampling Points	
				1	
1	Colour	Hazen / Pt.Co.Units	5	10	
2	Turbidity (NTU)	NTU	1	1.44	
3	pH		6.5-8.5	6.91	
4	Electrical Conductivity	µs/cm		117.0	
5	Temperature	° C		26.2	
6	Acidity	mg/litre		4	
7	Alkalinity	mg/litre	200	18	
8	Sulphate (as SO ₄)	mg/litre	200	18.8	
9	Total Dissolved Solids(TDS)	mg/litre	500	58.4	
10	Total Hardness as (CaCO ₃)	mg/litre	200	48	
11	Calcium (Ca)	mg/litre	75	14.4	
12	Magnesium (Mg)	mg/litre	30	2.916	
13	Chloride as (Cl)	mg/litre	250	18	
14	Fluoride as (F)	mg/litre	1	0.220	
15	Iron (as Fe)	mg/litre	1.0	0.074	
16	Nitrate (as NO ₃)	mg/litre	45	1.081	
17	Residual Chlorine (Rc)	mg/litre	0.2	0.2	

Sampling Points

1 KL-22-N-6051

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist


BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-22-N-6051	0	0

Remarks:

Signature of Bacteriologist


 Signature of Asst. Engineer
 Quality Control District Lab,
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 288/20-21

Date : 07/10/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 11/09/2020

Date of Testing : 11/09/2020

SI No.	Characteristics	Unit.	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	15
2	Turbidity (NTU)	NTU	1	1.28
3	pH		6.5-8.5	6.55
4	Electrical Conductivity	µs/cm		118.6
5	Temperature	° C		26.2
6	Acidity	mg/litre		4
7	Alkalinity	mg/litre	200	14
8	Sulphate (as SO ₄)	mg/litre	200	19.1
9	Total Dissolved Solids (TDS)	mg/litre	500	59.3
10	Total Hardness as (CaCO ₃)	mg/litre	200	42
11	Calcium (Ca)	mg/litre	75	15.2
12	Magnesium (Mg)	mg/litre	30	0.972
13	Chloride as (Cl)	mg/litre	250	18
14	Fluoride as (F)	mg/litre	1	0.220
15	Iron (as Fe)	mg/litre	1.0	0.315
16	Nitrate (as NO ₃)	mg/litre	45	1.087
17	Residual Chlorine (Rc)	mg/litre	0.2	0.2

Sampling Points

1 KL-21-E-5465

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist

BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-21-E-5465	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer

Assistant Engineer
Quality Control District Lab,
Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 272/20-21

Date : 25/09/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 07/09/2020

Date of Testing : 07/09/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	15
2	Turbidity (NTU)	NTU	1	2.06
3	pH		6.5-8.5	6.40
4	Electrical Conductivity	µs/cm		75.8
5	Temperature	° C		28
6	Acidity	mg/litre		6
7	Alkalinity	mg/litre	200	12
8	Sulphate (as SO4)	mg/litre	200	6.0
9	Total Dissolved Solids(TDS)	mg/litre	500	38
10	Total Hardness as (CaCO3)	mg/litre	200	36
11	Calcium (Ca)	mg/litre	75	12
12	Magnesium (Mg)	mg/litre	30	1.458
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.210
15	Iron (as Fe)	mg/litre	1.0	0.547
16	Nitrate (as NO3)	mg/litre	45	0.635
17	Residual Chlorine (Rc)	mg/litre	0.2	4.0

Sampling Points

1 KL-01-CL-6738

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist



BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-01-CL-6738	0	0

Remarks:

Signature of Bacteriologist


 Signature of Asst. Engineer

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 277/20-21

Date : 25/09/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 08/09/2020

Date of Testing : 08/09/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	70
2	Turbidity (NTU)	NTU	1	12.24
3	pH		6.5-8.5	6.56
4	Electrical Conductivity	µs/cm		116.3
5	Temperature	° C		28
6	Acidity	mg/litre		8
7	Alkalinity	mg/litre	200	16
8	Sulphate (as SO ₄)	mg/litre	200	22.6
9	Total Dissolved Solids (TDS)	mg/litre	500	58.1
10	Total Hardness as (CaCO ₃)	mg/litre	200	42
11	Calcium (Ca)	mg/litre	75	12.8
12	Magnesium (Mg)	mg/litre	30	2.430
13	Chloride as (Cl)	mg/litre	250	16
14	Fluoride as (F)	mg/litre	1	0.210
15	Iron (as Fe)	mg/litre	1.0	1.007
16	Nitrate (as NO ₃)	mg/litre	45	1.367
17	Residual Chlorine (Rc)	mg/litre	0.2	2.0

Sampling Points

1 KL-22-N-5905

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist


BACTERIOLOGICAL ANALYSIS

Sl No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-22-N-5905	0	0

Remarks:

Signature of Bacteriologist


 Signature of Asst. Engineer

Inhibit - P3

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 180/20-21

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date : 27/07/2020

Date of Receipt : 03/07/2020

Date of Testing : 03/07/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
1	Colour	Hazen / Pt.Co.Units	5	1
2	Turbidity (NTU)	NTU	1	5
3	pH		6.5-8.5	0.50
4	Electrical Conductivity	µs/cm		6.98
5	Temperature	° C		244
6	Acidity	mg/litre		28.9
7	Alkalinity	mg/litre	200	4
8	Sulphate (as SO ₄)	mg/litre	200	20
9	Total Dissolved Solids (TDS)	mg/litre	500	1.0
10	Total Hardness as (CaCO ₃)	mg/litre	200	122
11	Calcium (Ca)	mg/litre	75	60
12	Magnesium (Mg)	mg/litre	30	10.4
13	Chloride as (Cl)	mg/litre	250	8.262
14	Fluoride as (F)	mg/litre	1	70
15	Iron (as Fe)	mg/litre	1.0	0.230
16	Nitrate (as NO ₃)	mg/litre	45	0.040
17	Residual Chlorine (Rc)	mg/litre	0.2	8.215
Sampling Points				NIL

1 KL 20 K 3487

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist

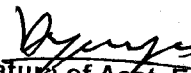


BACTERIOLOGICAL ANALYSIS

Sl No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL 20 K 3487	0	0

Remarks:

Signature of Bacteriologist


 Signature of Asst. Engineer

Asst. Engineer

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 181/20-21

Date : 27/07/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 13/07/2020

Date of Testing : 13/07/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents	
				Sampling Points	
				1	
1	Colour	Hazen / Pt.Co.Units	5	40	
2	Turbidity (NTU)	NTU	1	4.99	
3	pH		6.5-8.5	4.26	
4	Electrical Conductivity	µs/cm		101.2	
5	Temperature	°C		28.9	
6	Acidity	mg/litre		20	
7	Alkalinity	mg/litre	200	NIL	
8	Sulphate (as SO ₄)	mg/litre	200	2.4	
9	Total Dissolved Solids(TDS)	mg/litre	500	50.2	
10	Total Hardness as (CaCO ₃)	mg/litre	200	20	
11	Calcium (Ca)	mg/litre	75	5.6	
12	Magnesium (Mg)	mg/litre	30	1.458	
13	Chloride as (Cl)	mg/litre	250	30	
14	Fluoride as (F)	mg/litre	1	0.220	
15	Iron (as Fe)	mg/litre	1.0	0.591	
16	Nitrate (as NO ₃)	mg/litre	45	0.608	
17	Residual Chlorine (Rc)	mg/litre	0.2	5.0	

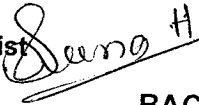
Sampling Points

1 KL01 BG 9073

Remarks:

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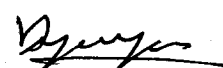
Signature of Chemist


BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL01 BG 9073	0	0

Remarks:

Signature of Bacteriologist


 Signature of Asst. Engineer

 Assistant Engineer
 Quality Control District Lab,
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 182/20-21

Date : 27/07/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 13/07/2020

Date of Testing : 13/07/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	10
2	Turbidity (NTU)	NTU	1	0.83
3	pH		6.5-8.5	6.65
4	Electrical Conductivity	µs/cm		115.5
5	Temperature	° C		28.9
6	Acidity	mg/litre		2
7	Alkalinity	mg/litre	200	22
8	Sulphate (as SO ₄)	mg/litre	200	8.8
9	Total Dissolved Solids(TDS)	mg/litre	500	57.7
10	Total Hardness as (CaCO ₃)	mg/litre	200	30
11	Calcium (Ca)	mg/litre	75	10.4
12	Magnesium (Mg)	mg/litre	30	0.972
13	Chloride as (Cl)	mg/litre	250	24
14	Fluoride as (F)	mg/litre	1	0.220
15	Iron (as Fe)	mg/litre	1.0	0.013
16	Nitrate (as NO ₃)	mg/litre	45	0.789
17	Residual Chlorine (Rc)	mg/litre	0.2	0.5

Sampling Points

1 KL 01 AR 4450

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

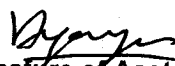
Signature of Chemist


BACTERIOLOGICAL ANALYSIS

Sl No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL 01 AR 4450	0	0

Remarks:

Signature of Bacteriologist


 Signature of Asst. Engineer

 Assistant Engineer
 Quality Control District Lab
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 183/20-21

Date : 27/07/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 13/07/2020

Date of Testing : 13/07/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents	
				Sampling Points	
				1	
1	Colour	Hazen / Pt.Co.Units	5	5	
2	Turbidity (NTU)	NTU	1	0.76	
3	pH		6.5-8.5	6.96	
4	Electrical Conductivity	µs/cm		116.0	
5	Temperature	° C		28.9	
6	Acidity	mg/litre		2	
7	Alkalinity	mg/litre	200	20	
8	Sulphate (as SO ₄)	mg/litre	200	9.0	
9	Total Dissolved Solids (TDS)	mg/litre	500	57.6	
10	Total Hardness as (CaCO ₃)	mg/litre	200	30	
11	Calcium (Ca)	mg/litre	75	8	
12	Magnesium (Mg)	mg/litre	30	2.43	
13	Chloride as (Cl)	mg/litre	250	30	
14	Fluoride as (F)	mg/litre	1	0.220	
15	Iron (as Fe)	mg/litre	1.0	0.007	
16	Nitrate (as NO ₃)	mg/litre	45	0.812	
17	Residual Chlorine (Rc)	mg/litre	0.2	NIL	

Sampling Points

1 KL 01 BE 6053

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

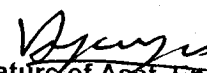
Signature of Chemist


BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL 01 BE 6053	0	0

Remarks:

Signature of Bacteriologist


Signature of Asst. Engineer
 Assistant Engineer
 Quality Control District Lab.
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 196/20-21

Date : 17/08/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 10/08/2020

Date of Testing : 10/08/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	20
2	Turbidity (NTU)	NTU	1	2.61
3	pH		6.5-8.5	6.32
4	Electrical Conductivity	µs/cm		100.0
5	Temperature	° C		27.2
6	Acidity	mg/litre		4
7	Alkalinity	mg/litre	200	14
8	Sulphate (as SO ₄)	mg/litre	200	5.6
9	Total Dissolved Solids(TDS)	mg/litre	500	49.8
10	Total Hardness as (CaCO ₃)	mg/litre	200	30
11	Calcium (Ca)	mg/litre	75	8
12	Magnesium (Mg)	mg/litre	30	2.43
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.215
15	Iron (as Fe)	mg/litre	1.0	0.444
16	Nitrate (as NO ₃)	mg/litre	45	1.520
17	Residual Chlorine (Rc)	mg/litre	0.2	4.0

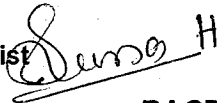
Sampling Points

1 KL-60-D-7578

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist


BACTERIOLOGICAL ANALYSIS

Sl No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-60-D-7578	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer

Assistant Engineer
 Quality Control District Lab,
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 197/20-21

Date : 17/08/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 10/08/2020

Date of Testing : 10/08/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	20
2	Turbidity (NTU)	NTU	1	6.48
3	pH		6.5-8.5	6.39
4	Electrical Conductivity	µs/cm		90.6
5	Temperature	° C		27.2
6	Acidity	mg/litre		4
7	Alkalinity	mg/litre	200	14
8	Sulphate (as SO ₄)	mg/litre	200	6.6
9	Total Dissolved Solids (TDS)	mg/litre	500	45.5
10	Total Hardness as (CaCO ₃)	mg/litre	200	40
11	Calcium (Ca)	mg/litre	75	8
12	Magnesium (Mg)	mg/litre	30	4.86
13	Chloride as (Cl)	mg/litre	250	22
14	Fluoride as (F)	mg/litre	1	0.215
15	Iron (as Fe)	mg/litre	1.0	0.595
16	Nitrate (as NO ₃)	mg/litre	45	1.588
17	Residual Chlorine (Rc)	mg/litre	0.2	3.0

Sampling Points

1 KL-21-P-1400

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist


BACTERIOLOGICAL ANALYSIS

Sl No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-21-P-1400	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer

Assistant Engineer
 Quality Control District Lab.
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 202/20-21

Date : 20/08/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 11/08/2020

Date of Testing : 11/08/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	10
2	Turbidity (NTU)	NTU	1	1.47
3	pH		6.5-8.5	6.88
4	Electrical Conductivity	µs/cm		89.2
5	Temperature	° C		28.7
6	Acidity	mg/litre		2
7	Alkalinity	mg/litre	200	12
8	Sulphate (as SO ₄)	mg/litre	200	11.8
9	Total Dissolved Solids (TDS)	mg/litre	500	44.2
10	Total Hardness as (CaCO ₃)	mg/litre	200	30
11	Calcium (Ca)	mg/litre	75	10.4
12	Magnesium (Mg)	mg/litre	30	0.972
13	Chloride as (Cl)	mg/litre	250	14
14	Fluoride as (F)	mg/litre	1	0.215
15	Iron (as Fe)	mg/litre	1.0	0.055
16	Nitrate (as NO ₃)	mg/litre	45	0.766
17	Residual Chlorine (Rc)	mg/litre	0.2	0.5

Sampling Points

1 KL-01-BF-6985

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE


Signature of Chemist


BACTERIOLOGICAL ANALYSIS

Sl No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-01-BF-6985	0	0

Remarks:

Signature of Bacteriologist


Signature of Asst. Engineer
 Assistant Engineer
 Quality Control Division
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 201/20-21

Date : 20/08/2020

Name : Health Supervisor, Implimenting officer(Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 11/08/2020

Date of Testing : 11/08/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	10
2	Turbidity (NTU)	NTU	1	1.80
3	pH		6.5-8.5	6.61
4	Electrical Conductivity	µs/cm		85.7
5	Temperature	° C		28.7
6	Acidity	mg/litre		2
7	Alkalinity	mg/litre	200	20
8	Sulphate (as SO4)	mg/litre	200	6.2
9	Total Dissolved Solids(TDS)	mg/litre	500	43.0
10	Total Hardness as (CaCO3)	mg/litre	200	26
11	Calcium (Ca)	mg/litre	75	8
12	Magnesium (Mg)	mg/litre	30	1.458
13	Chloride as (Cl)	mg/litre	250	14
14	Fluoride as (F)	mg/litre	1	0.215
15	Iron (as Fe)	mg/litre	1.0	0.163
16	Nitrate (as NO3)	mg/litre	45	0.705
17	Residual Chlorine (Rc)	mg/litre	0.2	1.0

Sampling Points

1 KL-01-BG-5531

Remarks:

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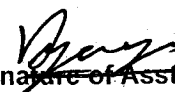
Signature of Chemist


BACTERIOLOGICAL ANALYSIS

Sl No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-01-BG-5531	0	0

Remarks:

Signature of Bacteriologist


Signature of Asst. Engineer
 Assistant Engineer
 Quality Control
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 203/20-21

Date : 20/08/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 11/08/2020

Date of Testing : 11/08/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	30
2	Turbidity (NTU)	NTU	1	2.06
3	pH		6.5-8.5	6.65
4	Electrical Conductivity	µs/cm		89.3
5	Temperature	° C		28.7
6	Acidity	mg/litre		2
7	Alkalinity	mg/litre	200	12
8	Sulphate (as SO ₄)	mg/litre	200	10.4
9	Total Dissolved Solids (TDS)	mg/litre	500	44.4
10	Total Hardness as (CaCO ₃)	mg/litre	200	30
11	Calcium (Ca)	mg/litre	75	8
12	Magnesium (Mg)	mg/litre	30	2.43
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.215
15	Iron (as Fe)	mg/litre	1.0	0.250
16	Nitrate (as NO ₃)	mg/litre	45	0.858
17	Residual Chlorine (Rc)	mg/litre	0.2	0.8

Sampling Points

1 KL-05-AE-8382

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE

Signature of Chemist


BACTERIOLOGICAL ANALYSIS

Sl No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-05-AE-8382	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer

Assistant Engineer
 Quality Control District Lab,
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 204/20-21

Date : 20/08/2020

Name : Health Supervisor, Implimenting officer(Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 12/08/2020

Date of Testing : 12/08/2020


SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	10
2	Turbidity (NTU)	NTU	1	2.92
3	pH		6.5-8.5	6.54
4	Electrical Conductivity	µs/cm		87.8
5	Temperature	° C		20.7
6	Acidity	mg/litre		2
7	Alkalinity	mg/litre	200	14
8	Sulphate (as SO4)	mg/litre	200	10.2
9	Total Dissolved Solids(TDS)	mg/litre	500	43.9
10	Total Hardness as (CaCO3)	mg/litre	200	26
11	Calcium (Ca)	mg/litre	75	8
12	Magnesium (Mg)	mg/litre	30	1.458
13	Chloride as (Cl)	mg/litre	250	14
14	Fluoride as (F)	mg/litre	1	0.215
15	Iron (as Fe)	mg/litre	1.0	0.113
16	Nitrate (as NO3)	mg/litre	45	0.724
17	Residual Chlorine (Rc)	mg/litre	0.2	1.6

Sampling Points

1 KL-01-CB-4212

Remarks:

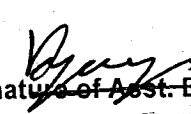
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Signature of Chemist **BACTERIOLOGICAL ANALYSIS**

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-01-CB-4212	0	0

Remarks:

Signature of Bacteriologist


Signature of Asst. Engineer
 Assistant Engineer
 Quality Control District Lab.
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 213/20-21

Date : 20/08/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 13/08/2020

Date of Testing : 13/08/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	10
2	Turbidity (NTU)	NTU	1	0.64
3	pH		6.5-8.5	7.14
4	Electrical Conductivity	µs/cm		121.9
5	Temperature	° C		29.5
6	Acidity	mg/litre		6
7	Alkalinity	mg/litre	200	20
8	Sulphate (as SO ₄)	mg/litre	200	13.6
9	Total Dissolved Solids (TDS)	mg/litre	500	61.1
10	Total Hardness as (CaCO ₃)	mg/litre	200	30
11	Calcium (Ca)	mg/litre	75	10.4
12	Magnesium (Mg)	mg/litre	30	0.972
13	Chloride as (Cl)	mg/litre	250	14
14	Fluoride as (F)	mg/litre	1	0.220
15	Iron (as Fe)	mg/litre	1.0	0.059
16	Nitrate (as NO ₃)	mg/litre	45	1.466
17	Residual Chlorine (Rc)	mg/litre	0.2	0.6

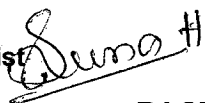
Sampling Points

1 KL-01-CM-2096

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE

Signature of Chemist


BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-01-CM-2096	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer

Assistant Engineer
 Quality Control District Lab,
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 214/20-21

Date : 20/08/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 13/08/2020

Date of Testing : 13/08/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	10
2	Turbidity (NTU)	NTU	1	1.67
3	pH		6.5-8.5	7.02
4	Electrical Conductivity	µs/cm		76.6
5	Temperature	° C		29.5
6	Acidity	mg/litre		2
7	Alkalinity	mg/litre	200	20
8	Sulphate (as SO ₄)	mg/litre	200	3.2
9	Total Dissolved Solids (TDS)	mg/litre	500	38.2
10	Total Hardness as (CaCO ₃)	mg/litre	200	20
11	Calcium (Ca)	mg/litre	75	5.6
12	Magnesium (Mg)	mg/litre	30	1.458
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.215
15	Iron (as Fe)	mg/litre	1.0	0.174
16	Nitrate (as NO ₃)	mg/litre	45	1.442
17	Residual Chlorine (Rc)	mg/litre	0.2	1.2

Sampling Points

1 KL-21-U-6808

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE


Signature of Chemist


BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-21-U-6808	0	0

Remarks:

Signature of Bacteriologist


 Signature of Asst. Engineer

 Assistant Engineer
 Quality Control District Lab,
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 215/20-21

Date : 20/08/2020

Name : Health Supervisor, Implimenting officer(Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 14/08/2020

Date of Testing : 14/08/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	30
2	Turbidity (NTU)	NTU	1	6.18
3	pH		6.5-8.5	6.96
4	Electrical Conductivity	µs/cm		66.9
5	Temperature	° C		29.5
6	Acidity	mg/litre		2
7	Alkalinity	mg/litre	200	14
8	Sulphate (as SO ₄)	mg/litre	200	3.8
9	Total Dissolved Solids(TDS)	mg/litre	500	33.5
10	Total Hardness as (CaCO ₃)	mg/litre	200	20
11	Calcium (Ca)	mg/litre	75	7.2
12	Magnesium (Mg)	mg/litre	30	0.486
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.215
15	Iron (as Fe)	mg/litre	1.0	0.354
16	Nitrate (as NO ₃)	mg/litre	45	1.406
17	Residual Chlorine (Rc)	mg/litre	0.2	1.0

Sampling Points

1 KL-01-CB-6468

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE

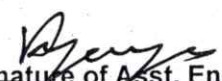
Signature of Chemist


BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-01-CB-6468	0	0

Remarks:

Signature of Bacteriologist


Signature of Asst. Engineer
 Assistant Engineer
 Quality Control District Lab,
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 216/20-21

Date : 20/08/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 14/08/2020

Date of Testing : 14/08/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	50
2	Turbidity (NTU)	NTU	1	10.05
3	pH		6.5-8.5	6.97
4	Electrical Conductivity	µs/cm		66.4
5	Temperature	° C		29.5
6	Acidity	mg/litre		2
7	Alkalinity	mg/litre	200	14
8	Sulphate (as SO ₄)	mg/litre	200	3.8
9	Total Dissolved Solids (TDS)	mg/litre	500	33.1
10	Total Hardness as (CaCO ₃)	mg/litre	200	20
11	Calcium (Ca)	mg/litre	75	4
12	Magnesium (Mg)	mg/litre	30	2.43
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.215
15	Iron (as Fe)	mg/litre	1.0	0.931
16	Nitrate (as NO ₃)	mg/litre	45	1.515
17	Residual Chlorine (Rc)	mg/litre	0.2	0.2

Sampling Points

1 KL-22-L-6425

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE


Signature of Chemist


BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-22-L-6425	0	0

Remarks:

Signature of Bacteriologist


Signature of Asst. Engineer
 Assistant Engineer
 Quality Control District Lab,
 Thiruvananthapuram

Signature of Asst. Engineer
 Assistant Engineer
 Quality Control District Lab,
 Thiruvananthapuram

Signature of Bacteriologist

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-22-M-5129	0	0

Remarks:

BACTERIOLOGICAL ANALYSIS

Signature of Chemist


SAMPLE NOT COLLECTED BY THIS OFFICE

Remarks:

1 KL-22-M-5129

Sampling Points

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
1	Colour	Hazen / Pt.Co.Units	5	10
2	Turbidity (NTU)	NTU	1	2.29
3	pH		6.5-8.5	7.05
4	Electrical Conductivity	µs/cm		80.4
5	Temperature	° C		29.5
6	Acidity	mg/litre		2
7	Alkalinity	mg/litre	200	16
8	Sulphate (as SO ₄)	mg/litre	200	8.6
9	Total Dissolved Solids (TDS)	mg/litre	500	40.2
10	Total Hardness as (CaCO ₃)	mg/litre	200	20
11	Calcium (Ca)	mg/litre	75	7.2
12	Magnesium (Mg)	mg/litre	30	0.486
13	Chloride as (Cl)	mg/litre	250	18
14	Fluoride as (F)	mg/litre	1	0.215
15	Iron (as Fe)	mg/litre	1.0	0.198
16	Nitrate (as NO ₃)	mg/litre	45	1.305
17	Residual Chlorine (Rc)	mg/litre	0.2	0.2

Test Report No : 217/20-21
 Date : 20/08/2020
 Name : Health Supervisor, Implementing officer (Sujalam Sulabham), Trivandrum, Nagarasabha
 Date of Receipt : 14/08/2020
 Date of Testing : 14/08/2020

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 220/20-21

Date : 27/08/2020

Name : Health Supervisor, Implimenting officer(Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 17/08/2020

Date of Testing : 17/08/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents	
				Sampling Points	
				1	
1	Colour	Hazen / Pt.Co.Units	5	30	
2	Turbidity (NTU)	NTU	1	5.21	
3	pH		6.5-8.5	6.64	
4	Electrical Conductivity	µs/cm		87.9	
5	Temperature	° C		29.6	
6	Acidity	mg/litre		4	
7	Alkalinity	mg/litre	200	12	
8	Sulphate (as SO ₄)	mg/litre	200	10.4	
9	Total Dissolved Solids(TDS)	mg/litre	500	43.8	
10	Total Hardness as (CaCO ₃)	mg/litre	200	26	
11	Calcium (Ca)	mg/litre	75	8	
12	Magnesium (Mg)	mg/litre	30	1.458	
13	Chloride as (Cl)	mg/litre	250	14	
14	Fluoride as (F)	mg/litre	1	0.210	
15	Iron (as Fe)	mg/litre	1.0	0.718	
16	Nitrate (as NO ₃)	mg/litre	45	0.707	
17	Residual Chlorine (Rc)	mg/litre	0.2	0.4	

Sampling Points

1 KL-01-CM 3264

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist


BACTERIOLOGICAL ANALYSIS

Sl No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-01-CM 3264	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer

 Assistant Engineer
 Quality Control Lab,

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 221/20-21

Date : 27/08/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 17/08/2020

Date of Testing : 17/08/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	20
2	Turbidity (NTU)	NTU	1	3.40
3	pH		6.5-8.5	6.86
4	Electrical Conductivity	µs/cm		99.8
5	Temperature	° C		29.6
6	Acidity	mg/litre		2
7	Alkalinity	mg/litre	200	20
8	Sulphate (as SO ₄)	mg/litre	200	8.2
9	Total Dissolved Solids (TDS)	mg/litre	500	49.9
10	Total Hardness as (CaCO ₃)	mg/litre	200	30
11	Calcium (Ca)	mg/litre	75	8
12	Magnesium (Mg)	mg/litre	30	2.43
13	Chloride as (Cl)	mg/litre	250	18
14	Fluoride as (F)	mg/litre	1	0.210
15	Iron (as Fe)	mg/litre	1.0	0.452
16	Nitrate (as NO ₃)	mg/litre	45	0.817
17	Residual Chlorine (Rc)	mg/litre	0.2	0.1


Sampling Points

1 KL-22-E-9003

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist


BACTERIOLOGICAL ANALYSIS

Sl No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-22-E-9003	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer

Assistant Engineer
Quality Control District Lab,
Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 222/20-21

Date : 27/08/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 17/08/2020

Date of Testing : 17/08/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	10
2	Turbidity (NTU)	NTU	1	3.38
3	pH		6.5-8.5	6.87
4	Electrical Conductivity	µs/cm		92.8
5	Temperature	° C		29.6
6	Acidity	mg/litre		2
7	Alkalinity	mg/litre	200	18
8	Sulphate (as SO ₄)	mg/litre	200	8.4
9	Total Dissolved Solids (TDS)	mg/litre	500	46.4
10	Total Hardness as (CaCO ₃)	mg/litre	200	20
11	Calcium (Ca)	mg/litre	75	7.2
12	Magnesium (Mg)	mg/litre	30	0.486
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.210
15	Iron (as Fe)	mg/litre	1.0	0.193
16	Nitrate (as NO ₃)	mg/litre	45	0.783
17	Residual Chlorine (Rc)	mg/litre	0.2	1.2

Sampling Points

1 KL-01-CK-1699

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist


BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-01-CK-1699	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer

Assistant Engineer
 Quality Control District Lab,
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM

Report on Analysis of WATER

Test Report No : 228/20-21

Date : 27/08/2020

Name : Health Supervisor, Implementing officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 18/08/2020

Date of Testing : 18/08/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012		Actual Contents
			Sampling Points		
1	Colour	Hazen / Pt.Co.Units	5		30
2	Turbidity (NTU)	NTU	1		6.53
3	pH		6.5-8.5		6.93
4	Electrical Conductivity	µs/cm			101.2
5	Temperature	° C			30.7
6	Acidity	mg/litre			2
7	Alkalinity	mg/litre	200		16
8	Sulphate (as SO4)	mg/litre	200		8.6
9	Total Dissolved Solids (TDS)	mg/litre	500		50.5
10	Total Hardness as (CaCO3)	mg/litre	200		26
11	Calcium (Ca)	mg/litre	75		8
12	Magnesium (Mg)	mg/litre	30		1.458
13	Chloride as (Cl)	mg/litre	250		20
14	Fluoride as (F)	mg/litre	1		0.215
15	Iron (as Fe)	mg/litre	1.0		0.513
16	Nitrate (as NO3)	mg/litre	45		1.058
17	Residual Chlorine (Rc)	mg/litre	0.2		0.1

Remarks:

1 KL-01-CG-4212

SAMPLE NOT COLLECTED BY THIS OFFICE.

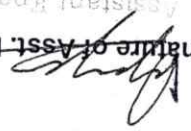
Signature of Chemist


BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-01-CG-4212	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer

 Assistant Engineer
 Control District Lab,
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 229/20-21

Date : 27/08/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarabha

Date of Receipt : 18/08/2020

Date of Testing : 18/08/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	20
2	Turbidity (NTU)	NTU	1	5.86
3	pH		6.5-8.5	6.42
4	Electrical Conductivity	µs/cm		67.7
5	Temperature	° C		30.7
6	Acidity	mg/litre		4
7	Alkalinity	mg/litre	200	2
8	Sulphate (as SO ₄)	mg/litre	200	2.0
9	Total Dissolved Solids (TDS)	mg/litre	500	33.8
10	Total Hardness as (CaCO ₃)	mg/litre	200	20
11	Calcium (Ca)	mg/litre	75	4
12	Magnesium (Mg)	mg/litre	30	2.43
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.210
15	Iron (as Fe)	mg/litre	1.0	0.338
16	Nitrate (as NO ₃)	mg/litre	45	0.949
17	Residual Chlorine (Rc)	mg/litre	0.2	4.0

Sampling Points

1 KL-21-Q-369

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist


BACTERIOLOGICAL ANALYSIS

Sl No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-21-Q-369	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer

Assistant Engineer
 Quality Control
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 230/20-21

Date : 27/08/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 18/08/2020

Date of Testing : 18/08/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	10
2	Turbidity (NTU)	NTU	1	1.06
3	pH		6.5-8.5	7.27
4	Electrical Conductivity	µs/cm		140.2
5	Temperature	° C		30.7
6	Acidity	mg/litre		2
7	Alkalinity	mg/litre	200	20
8	Sulphate (as SO ₄)	mg/litre	200	8.2
9	Total Dissolved Solids (TDS)	mg/litre	500	70.7
10	Total Hardness as (CaCO ₃)	mg/litre	200	30
11	Calcium (Ca)	mg/litre	75	8
12	Magnesium (Mg)	mg/litre	30	2.43
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.215
15	Iron (as Fe)	mg/litre	1.0	0.055
16	Nitrate (as NO ₃)	mg/litre	45	1.366
17	Residual Chlorine (Rc)	mg/litre	0.2	0.4

Sampling Points

1 KL-59-C-3812

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist


BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-59-C-3812	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer

Assistant Engineer
 Quality Control Division, Lab,
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 234/20-21

Date : 27/08/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 20/08/2020

Date of Testing : 20/08/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents	
				Sampling Points	
				1	
1	Colour	Hazen / Pt.Co.Units	5	50	
2	Turbidity (NTU)	NTU	1	8.46	
3	pH		6.5-8.5	6.63	
4	Electrical Conductivity	µs/cm		64.3	
5	Temperature	° C		30.7	
6	Acidity	mg/litre		4	
7	Alkalinity	mg/litre	200	8	
8	Sulphate (as SO ₄)	mg/litre	200	2.6	
9	Total Dissolved Solids(TDS)	mg/litre	500	32.2	
10	Total Hardness as (CaCO ₃)	mg/litre	200	14	
11	Calcium (Ca)	mg/litre	75	4	
12	Magnesium (Mg)	mg/litre	30	0.972	
13	Chloride as (Cl)	mg/litre	250	20	
14	Fluoride as (F)	mg/litre	1	0.210	
15	Iron (as Fe)	mg/litre	1.0	0.790	
16	Nitrate (as NO ₃)	mg/litre	45	0.941	
17	Residual Chlorine (Rc)	mg/litre	0.2	3.0	

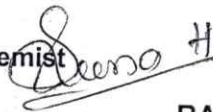
Sampling Points

1 KL-21-P-1854

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist


BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-21-P-1854	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer

Assistant Engineer
 Quality Control Division
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 235/20-21

Date : 27/08/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 20/08/2020

Date of Testing : 20/08/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	15
2	Turbidity (NTU)	NTU	1	1.30
3	pH		6.5-8.5	6.94
4	Electrical Conductivity	µs/cm		99.3
5	Temperature	° C		30.7
6	Acidity	mg/litre		2
7	Alkalinity	mg/litre	200	20
8	Sulphate (as SO ₄)	mg/litre	200	6.2
9	Total Dissolved Solids (TDS)	mg/litre	500	49.6
10	Total Hardness as (CaCO ₃)	mg/litre	200	20
11	Calcium (Ca)	mg/litre	75	6.4
12	Magnesium (Mg)	mg/litre	30	0.972
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.215
15	Iron (as Fe)	mg/litre	1.0	0.258
16	Nitrate (as NO ₃)	mg/litre	45	1.156
17	Residual Chlorine (Rc)	mg/litre	0.2	1.8

Sampling Points

1 KL-01-CL-4212

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

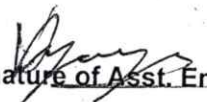
Signature of Chemist


BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-01-CL-4212	0	0

Remarks:

Signature of Bacteriologist


 Signature of Asst. Engineer

 Assistant Engineer
 Quality Control
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 236/20-21

Date : 27/08/2020

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 20/08/2020

Date of Testing : 20/08/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents	
				Sampling Points	
				1	
1	Colour	Hazen / Pt.Co.Units	5	10	
2	Turbidity (NTU)	NTU	1	0.73	
3	pH		6.5-8.5	6.94	
4	Electrical Conductivity	µs/cm		96.2	
5	Temperature	° C		30.7	
6	Acidity	mg/litre		2	
7	Alkalinity	mg/litre	200	16	
8	Sulphate (as SO ₄)	mg/litre	200	6.8	
9	Total Dissolved Solids(TDS)	mg/litre	500	48.1	
10	Total Hardness as (CaCO ₃)	mg/litre	200	20	
11	Calcium (Ca)	mg/litre	75	7.2	
12	Magnesium (Mg)	mg/litre	30	0.486	
13	Chloride as (Cl)	mg/litre	250	20	
14	Fluoride as (F)	mg/litre	1	0.215	
15	Iron (as Fe)	mg/litre	1.0	0.046	
16	Nitrate (as NO ₃)	mg/litre	45	1.004	
17	Residual Chlorine (Rc)	mg/litre	0.2	2.0	

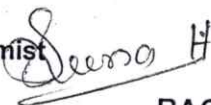
Sampling Points

1 KL-20-E-4800

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist


BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-20-E-4800	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer

Quality Control District Lab,
Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 245/20-21

Date : 27/08/2020

Name : Health Supervisor, Implimenting officer(Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 21/08/2020

Date of Testing : 21/08/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	20
2	Turbidity (NTU)	NTU	1	3.19
3	pH		6.5-8.5	6.43
4	Electrical Conductivity	µs/cm		66.2
5	Temperature	° C		30.2
6	Acidity	mg/litre		4
7	Alkalinity	mg/litre	200	12
8	Sulphate (as SO ₄)	mg/litre	200	1.4
9	Total Dissolved Solids(TDS)	mg/litre	500	33.2
10	Total Hardness as (CaCO ₃)	mg/litre	200	10
11	Calcium (Ca)	mg/litre	75	3.2
12	Magnesium (Mg)	mg/litre	30	0.486
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.215
15	Iron (as Fe)	mg/litre	1.0	0.437
16	Nitrate (as NO ₃)	mg/litre	45	0.460
17	Residual Chlorine (Rc)	mg/litre	0.2	3.0

Sampling Points

1 KL-21-N-8289

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.


Signature of Chemist


BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-21-N-8289	0	0

Remarks:

Signature of Bacteriologist



Signature of Asst. Engineer

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 246/20-21

Date : 27/08/2020

Name : Health Supervisor, Implimenting officer(Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 21/08/2020

Date of Testing : 21/08/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	30
2	Turbidity (NTU)	NTU	1	3.03
3	pH		6.5-8.5	6.49
4	Electrical Conductivity	µs/cm		65.0
5	Temperature	° C		30.2
6	Acidity	mg/litre		4
7	Alkalinity	mg/litre	200	12
8	Sulphate (as SO ₄)	mg/litre	200	1.4
9	Total Dissolved Solids(TDS)	mg/litre	500	32.4
10	Total Hardness as (CaCO ₃)	mg/litre	200	10
11	Calcium (Ca)	mg/litre	75	3.2
12	Magnesium (Mg)	mg/litre	30	0.486
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.215
15	Iron (as Fe)	mg/litre	1.0	0.403
16	Nitrate (as NO ₃)	mg/litre	45	0.483
17	Residual Chlorine (Rc)	mg/litre	0.2	4.0

Sampling Points

1 KL-01-BH-2689

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

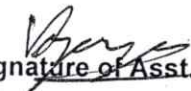
Signature of Chemist


BACTERIOLOGICAL ANALYSIS

Sl No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-01-BH-2689	0	0

Remarks:

Signature of Bacteriologist


 Signature of Asst. Engineer

 Quality Control Regional Lab,
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 247/20-21

Date : 27/08/2020

Name : Health Supervisor, Implimenting officer(Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 21/08/2020

Date of Testing : 21/08/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	50
2	Turbidity (NTU)	NTU	1	6.16
3	pH		6.5-8.5	6.28
4	Electrical Conductivity	µs/cm		61.3
5	Temperature	° C		30.2
6	Acidity	mg/litre		4
7	Alkalinity	mg/litre	200	8
8	Sulphate (as SO ₄)	mg/litre	200	1.6
9	Total Dissolved Solids(TDS)	mg/litre	500	30.7
10	Total Hardness as (CaCO ₃)	mg/litre	200	20
11	Calcium (Ca)	mg/litre	75	4
12	Magnesium (Mg)	mg/litre	30	2.43
13	Chloride as (Cl)	mg/litre	250	20
14	Fluoride as (F)	mg/litre	1	0.215
15	Iron (as Fe)	mg/litre	1.0	0.908
16	Nitrate (as NO ₃)	mg/litre	45	0.463
17	Residual Chlorine (Rc)	mg/litre	0.2	2.0

Sampling Points

1 KL-21-G-2542

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist


BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-21-G-2542	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer

Assistant Engineer
 Quality Control District Lab,
 Thiruvananthapuram

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Date : 27/08/2020

Test Report No : 250/20-21

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 24/08/2020

Date of Testing : 24/08/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	20
2	Turbidity (NTU)	NTU	1	1.26
3	pH		6.5-8.5	6.87
4	Electrical Conductivity	µs/cm		73.7
5	Temperature	° C		30.2
6	Acidity	mg/litre		2
7	Alkalinity	mg/litre	200	10
8	Sulphate (as SO4)	mg/litre	200	1.6
9	Total Dissolved Solids(TDS)	mg/litre	500	36.8
10	Total Hardness as (CaCO3)	mg/litre	200	20
11	Calcium (Ca)	mg/litre	75	7.2
12	Magnesium (Mg)	mg/litre	30	0.486
13	Chloride as (Cl)	mg/litre	250	14
14	Fluoride as (F)	mg/litre	1	0.215
15	Iron (as Fe)	mg/litre	1.0	0.245
16	Nitrate (as NO3)	mg/litre	45	0.591
17	Residual Chlorine (Rc)	mg/litre	0.2	0.6

Sampling Points

1 KL-01-CG-5979

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist



BACTERIOLOGICAL ANALYSIS

Sl No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-01-CG-5979	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer

Assistant Engineer
 Quality Control
 Thiruvananthapuram

Report

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Date : 27/08/2020

Test Report No : 249/20-21

Name : Health Supervisor, Implimenting officer (Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 24/08/2020

Date of Testing : 24/08/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	10
2	Turbidity (NTU)	NTU	1	1.40
3	pH		6.5-8.5	6.95
4	Electrical Conductivity	µs/cm		50.0
5	Temperature	° C		30.2
6	Acidity	mg/litre		2
7	Alkalinity	mg/litre	200	16
8	Sulphate (as SO4)	mg/litre	200	1.2
9	Total Dissolved Solids(TDS)	mg/litre	500	24.9
10	Total Hardness as (CaCO3)	mg/litre	200	14
11	Calcium (Ca)	mg/litre	75	4
12	Magnesium (Mg)	mg/litre	30	0.972
13	Chloride as (Cl)	mg/litre	250	14
14	Fluoride as (F)	mg/litre	1	0.210
15	Iron (as Fe)	mg/litre	1.0	0.093
16	Nitrate (as NO3)	mg/litre	45	0.434
17	Residual Chlorine (Rc)	mg/litre	0.2	0.6

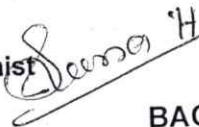
Sampling Points

1 KL-07-CE-853

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist




BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-07-CE-853	0	0

Remarks:

Signature of Bacteriologist


Signature of Asst. Engineer
 Assistant Engineer
 Quality Control District Lab,
 Thiruvananthapuram

Report

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Date : 27/08/2020

Test Report No : 248/20-21

Name : Health Supervisor, Implimenting officer(Sujalam Sulabham), Trivandrum, Nagarasabha

Date of Receipt : 24/08/2020

Date of Testing : 24/08/2020

SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	20
2	Turbidity (NTU)	NTU	1	3.01
3	pH		6.5-8.5	6.80
4	Electrical Conductivity	µs/cm		68.0
5	Temperature	° C		30.2
6	Acidity	mg/litre		6
7	Alkalinity	mg/litre	200	10
8	Sulphate (as SO4)	mg/litre	200	1.2
9	Total Dissolved Solids(TDS)	mg/litre	500	34.0
10	Total Hardness as (CaCO3)	mg/litre	200	16
11	Calcium (Ca)	mg/litre	75	4
12	Magnesium (Mg)	mg/litre	30	1.458
13	Chloride as (Cl)	mg/litre	250	14
14	Fluoride as (F)	mg/litre	1	0.210
15	Iron (as Fe)	mg/litre	1.0	0.275
16	Nitrate (as NO3)	mg/litre	45	0.595
17	Residual Chlorine (Rc)	mg/litre	0.2	3.0

Sampling Points

1 KL-01-CN-6869

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE.

Signature of Chemist



BACTERIOLOGICAL ANALYSIS

SI No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	KL-01-CN-6869	0	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer

Assistant Engineer
 Quality Control District Lab,
 Thiruvananthapuram