

KERALA STATE POLLUTION CONTROL BOARD										
കേരള സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡ് കെ.എസ്.പി.സി.ബി.സി.ബി. REGIONAL LABORATORY, KOZHIKODE 3 rd FL @OR. ZAMORIN'S SQUARE, LINK ROAD, KOZHIKODE - 673 002 Telefax: 2300745, 46, 47 www.keralapcb.org										
ANALYSIS REPORT OF AMBIENT WATER										
Report No.	K R O R 3 9 3 8				Date:	0 8	1 2	2 0	2 0	2 0
Date of Sample Collection	3	0	1	1	2	0	2	0	2	0
Date of receipt of the sample	0	1	1	2	0	2	0	2	0	0
Time	Hours: Not Given				Time	Hours: 0 1 : 0 0				
Sampled by:	DO ,Thrissur				Sample ID	W2M,W3M,W4M,W5M,W6M				
Sampling Method	Not Given				Sample Lab Code	KROS 3938/1-5				
Sample container	Plastic Can 2L				Ref.letter No.	PCB/TSR/09/97 DTD. 01.12.2020				
Source:	Well Water				Received from:	EE,DO,Thrissur				
					Period of analysis:	02.12.2020-08.12.2020				
Specific sampling location:	GIVEN BELOW				No. of samples	5				
					Analysed by:	VNM/CVR/RCN				
Sample preservation:	ICE BOX				Method:Standard Methods for the examination of Water and Wastewater, APHA AWWA WEF (22 nd Ed.)					
Sl no	Parameters	unit	LDL	Method No.	Sample ID					
					W2M KROS 3938/1	W3M KROS 3938/2	W4M KROS 3938/3	W5M KROS 3938/4	W6M KROS 3938/5	
1	COPPER	mg/L	0.01	APHA 3111B	0.034	BDL	BDL	0.293	BDL	
2	ZINC	mg/L	0.01	APHA 3111B	6.736	BDL	0.026	0.142	0.348	
3	CHROMIUM (HEXAVALENT)	mg/L		APHA 3500 Cr B	BDL	BDL	BDL	BDL	BDL	
4	TOTAL CHROMIUM	mg/L	0.02	APHA 3111B	BDL	BDL	BDL	BDL	BDL	
5	CADMIUM	mg/L	0.01	APHA 3111B	0.035	0.023	0.038	0.036	0.037	
6	LEAD	mg/L	0.06	APHA 3111B	BDL	BDL	BDL	BDL	BDL	
7	NICKEL	mg/L	0.02	APHA 3111B	0.424	0.087	BDL	0.441	BDL	
8	IRON	mg/L	0.02	APHA 3111B	BDL	BDL	BDL	BDL	BDL	

Test method variation: None

Remarks: LDL-Lower Detection Limit. BDL-Below Detection Limit.

W2M-Well(Sri.Paulose A A,Apappatt House), W3M-Well Sri. Jeorge Emmatty, W4M-Well(Near Joyco Transport), W5M- Well(Sri.Tony Thottan), W6M-WELL(Sri.Unnikrishnan Thottapath)

PCB/RLC/NABL/2012/REP.W/REV-0

Scientist in charge

9/12/2020
Asst-Scientist



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 REGIONAL LABORATORY, KOZHIKODE
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 Telefax: 2300745, 46, 47
 www.keralapcb.org

ANALYSIS REPORT OF AMBIENT WATER

Report No.	K R O R 3 9 3 8			Date:	0 8 1 2 2 0 2 0
Date of Sample Collection	3 0 1 1 2 0 2 0	Date of receipt of the sample	0 1 1 2 2 0 2 0		
Time	Hours: Not Given	Time	Hours: 0 1 : 0 0		
Sampled by:	DO, Thrissur	Sample ID	W7M, W8M, W9M, W10M, W11M		
Sampling Method	Not Given	Sample Lab Code	KROS 3938/6-10		
Sample container	Plastic Can 2L	Ref.letter No.	PCB/TSR/09/97 DTD. 01.12.2020		
Source:	Well Water	Received from:	EE, DO, Thrissur		
		Period of analysis:	02.12.2020-08.12.2020		
Specific sampling location:	GIVEN BELOW	No. of samples	5		
		Analysed by:	VNM/CVR/RCN		
Sample preservation:	ICE BOX	Method: Standard Methods for the examination of Water and Wastewater, APHA AWWA WEF (22 nd Ed.)			

sl no	Parameters	unit	LDL	Method No.	Sample ID				
					W7M KROS 3938/6	W8M KROS 3938/7	W9M KROS 3938/8	W10M KROS 3938/9	W11M KROS 3938/10
1	COPPER	mg/L	0.01	APHA 3111B	BDL	BDL	BDL	6.94	BDL
2	ZINC	mg/L	0.01	APHA 3111B	0.051	0.038	0.024	1.645	0.076
3	CHROMIUM (HEXAVALENT)	mg/L		APHA 3500 Cr B	BDL	BDL	BDL	BDL	BDL
4	TOTAL CHROMIUM	mg/L	0.02	APHA 3111B	BDL	BDL	BDL	BDL	BDL
5	CADMIUM	mg/L	0.01	APHA 3111B	BDL	0.013	BDL	BDL	0.017
6	LEAD	mg/L	0.06	APHA 3111B	BDL	BDL	BDL	BDL	BDL
7	NICKEL	mg/L	0.02	APHA 3111B	0.112	BDL	BDL	2.457	0.058
8	IRON	mg/L	0.02	APHA 3111B	BDL	BDL	BDL	BDL	BDL

Test method variation: None

Remarks: LDL-Lower Detection Limit. BDL-Below Detection Limit.

W7M-WELL (SRI.UNNIKRISHNAN EDAKUNNY), W8M-WELL (SRI.SANKARANARAYANAN KARIPPULMANA), W9M-WELL(SMT.BHARATHI OTTAPATH), W10M-WELL(NEAR KSEB OLLUR)

PCB/RLC/NABL/2012/REP.W/REV-0

Scientist in charge

[Signature]
 9/12/2020
 Asst. Scientist



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ANALYSIS REPORT OF AMBIENT WATER

Report No.	K R O R 3 9 3 8			Date:	0 8	1 2	2 0 2 0
Date of Sample Collection	3 0	1 1	2 0 2 0	Date of receipt of the sample	0 1	1 2	2 0 2 0
Time	Hours: Not Given			Time	Hours: 0 1 : 0 0		
Sampled by:	DO, Thrissur			Sample ID	W12M, W13M, W14M, W15M, W16M		
Sampling Method	Not Given			Sample Lab Code	KROS 3938/11-15		
Sample container	Plastic Can 2L			Ref.letter No.	PCB/TSR/09/97 DTD. 01.12.2020		
Source:	Well Water			Received from:	EE, DO, Thrissur		
				Period of analysis:	02.12.2020-08.12.2020		
Specific sampling location:	GIVEN BELOW			No. of samples	5		
				Analysed by:	VNM/CVR/RCN		
Sample preservation:	ICE BOX			Method: Standard Methods for the examination of Water and Wastewater, APHA AWWA WEF (22 nd Ed.)			

sl no	Parameters	unit	LDL	Method No.	Sample ID				
					W12M KROS 3938/11	W13M KROS 3938/12	W14M KROS 3938/13	W15M KROS 3938/14	W16M KROS 3938/15
1	COPPER	mg/L	0.01	APHA 3111B	BDL	BDL	BDL	BDL	BDL
2	ZINC	mg/L	0.01	APHA 3111B	0.617	BDL	BDL	0.049	0.217
3	CHROMIUM (HEXAVALENT)	mg/L		APHA 3500 Cr B	BDL	BDL	BDL	BDL	BDL
4	TOTAL CHROMIUM	mg/L	0.02	APHA 3111B	BDL	BDL	BDL	BDL	BDL
5	CADMIUM	mg/L	0.01	APHA 3111B	BDL	0.022	0.012	0.015	0.013
6	LEAD	mg/L	0.06	APHA 3111B	BDL	BDL	BDL	BDL	BDL
7	NICKEL	mg/L	0.02	APHA 3111B	BDL	BDL	BDL	BDL	0.027
8	IRON	mg/L	0.02	APHA 3111B	BDL	BDL	BDL	BDL	BDL

Test method variation: None

Remarks: LDL-Lower Detection Limit. BDL-Below Detection Limit.

**W12M- WELL(SRI.VEROLOTH UNNIKRISHNAN), W13M-WELL(SMT.INDIRA BALAKRISHNAN),
 W14M-WELL(INSISDE LAKSHAM VEEDU COLONY), W15M-WELL(SRI.VINCENT MOYALAN),
 W16M-WELL (SRI.R K NAIR,KAIPPALLY)**

PCB/RLC/NABL/2012/REP.W/REV-0

Scientist in charge

[Signature]
 9/12/2020
 Asst. Scientist



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Report No.	K R O R 3 9 3 8			Date:	0 8	1 2	2 0 2 0
Date of Sample Collection	3 0	1 1	2 0 2 0	Date of receipt of the sample	0 1	1 2	2 0 2 0
Time	Hours: Not Given			Time	Hours: 0 1 : 0 0		
Sampled by:	DO, Thrissur			Sample ID	W17M & W18M		
Sampling Method	Not Given			Sample Lab Code	KROS 3938/16-17		
Sample container	Plastic Can 2L			Ref.letter No.	PCB/TSR/09/97 DTD. 01.12.2020		
Source:	Well Water			Received from:	EE, DO, Thrissur		
				Period of analysis:	02.12.2020-08.12.2020		
Specific sampling location:	GIVEN BELOW			No. of samples	2		
				Analysed by:	VNM/CVR/RCN		
Sample preservation:	ICE BOX			Method: Standard Methods for the examination of Water and Wastewater, APHA AWWA WEF (22 nd Ed.)			

sl no	Parameters	unit	LDL	Method No.	Sample ID				
					W17M KROS 3938/16	W18M KROS 3938/17			
1	COPPER	mg/L	0.01	APHA 3111B	BDL	0.122			
2	ZINC	mg/L	0.01	APHA 3111B	BDL	0.128			
3	CHROMIUM (HEXAVALENT)	mg/L		APHA 3500 Cr B	BDL	BDL			
4	TOTAL CHROMIUM	mg/L	0.02	APHA 3111B	BDL	BDL			
5	CADMIUM	mg/L	0.01	APHA 3111B	0.029	0.02			
6	LEAD	mg/L	0.06	APHA 3111B	BDL	BDL			
7	NICKEL	mg/L	0.02	APHA 3111B	BDL	BDL			
8	IRON	mg/L	0.02	APHA 3111B	BDL	BDL			

Test method variation: None
 Remarks: LDL-Lower Detection Limit. BDL-Below Detection Limit.
W17M-WELL(SRI JOY PERIMCHERY HOUSE),
W18M-WELL(NEAR PRATHEEKSHA ALUMINIUM COMPANY)

PCB/RLC/NABL/2012/REP.W/REV-0

Scientist in charge *[Signature]*
 9/12/2020
 Asst. Scientist