



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
Twad Board, Siruvani Nagar Campus.,No.30, Bharathi Park Road,
Coimbatore-641043.

Phone: 0422 - 2437863

Email: twadlabcb@gmail.com

TEST REPORT

Sample Receipt No/Date:	50641 - 50642
Invoice Details:	9030/Dt.03.12.2024/ Amt.1652/-
Customer Name and Address:	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP, Ottar Palayam Village, Annur.
Test Commenced on :	03.12.2024
Test Completed on :	04.12.2024
Test Report Date :	06.12.2024

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	River Bhavani
Location :	Clear Water 196 MLD WTP, Annur
Sample drawn by/Date :	Customer/03.12.2024
Quantity Recived :	2 Liters
Sample Container :	Plastic
Condition of the Sample :	Good Condition

The test result of sample received is as follows

S.No	I. CHEMICAL EXAMINATION	Method of testing	Unit	50641	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	pH at 25 °C	IS 3025 - Part 11 - 198323-1983	-	6.74	6.5-8.5	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025 - Part 23-1986	mg/L	12	200	600
3	Total Hardness as CaCO ₃	IS 3025 - Part 21- 2009	mg/L	42	200	600
4	Chloride as Cl	IS 3025 - Part 32-1988	mg/L	10	250	1000
5	Sulphate as SO ₄	IS 3025 - Part 24-1986	mg/L	42	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017 - 34500 - NO2 B	mg/L	12	45	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500 F - D	mg/L	< 0.2	1	1.5

Contd...

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TEST REPORT

Sample Receipt No./Date:	50641 - 50642
Invoice Details:	9030/Dt.03.12.2024/Amt.1652/-
Customer Name and Address:	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP, Ottar Palayam Village, Annur.
Test Commenced on :	03.12.2024
Test Completed on :	04.12.2024
Test Report Date :	06.12.2024

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	River Bhavani
Location :	Clear Water 196 MLD WTP, Annur
Sample drawn by/Date :	Customer/03.12.2024
Quantity Recived :	2 Liters
Sample Container :	Plastic
Condition of the Sample :	Good Condition
Apperance , Colour , Odour :	Clear/Colourless/Agreeable

The test result of sample received is as follows

S.No	I. Physical Examination	Method of testing	Unit	Sample No.50641 Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	1	5
2	Total Dissolved Soilds	APHA 23rd Edition 2017 - 2540 C	mg/L	118	500	2000
3	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	μS/cm	173	-	-
	II . Chemical Examination					
4	Ph Alkalinity as CaCO ₃	IS 3025 - Part 23-1983	mg/L	0	-	-
5	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	8	75	200
6	Magnicium as Mg	APHA 23rd Edition 3500 Mg B	mg/L	5	30	100
7	Sodium as Na	APHA 23rd Edition 3500 Na B	mg/L	17	-	-
8	Pottassium as K	APHA 23rd Edition 2017 - 3500 K B	mg/L	1	-	-
9	Iron as Fe	APHA 23rd Edition 2017 - 3500 Fe B	mg/L	0	0.3	1
10	Manganese as Mn	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0	0.1	0.3
11	Free Ammonia NH ₃	APHA 17th Edition 1989 - 4500 NH3C	mg/L	0	0.5	0.5
12	Nitrite as NO ₂	APHA 23rd Edition 2017 - 4500 NO3 C	mg/L	0.1	-	-
13	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.2	-	-
14	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.24	-	-
	III.Bacteriological Examination			50642		
15	Feacal Coliform per 100 ml	APHA 23rd Edition 2017 - 2130 B	CFU	0	0	0

Remarks: The tested sample is confirmed to IS 10500: 2012 drinking water specification with respect to above tested parameters.

.....End of report.....

Assistant Water Analyst
 TWAD Board,DWT Lab.,
 Coimbatore

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Phone: 0422 - 2437863

Email: twadlabcb@gmail.com

TEST REPORT

Sample Receipt No/Date:	50500 - 50501
Invoice Details:	8994/Dt.18.11.2024/ Amt.1652/-
Customer Name and Address:	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP, Ottar Palayam Village, Annur.
Test Commenced on :	18.11.2024
Test Completed on :	19.11.2024
Test Report Date :	22.11.2024

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	River Bhavani
Location :	Clear Water 196 MLD WTP, Annur
Sample drawn by/Date :	Customer/18.11.2024
Quantity Recived :	2 Liters
Sample Container :	Plastic
Condition of the Sample :	Good Condition

The test result of sample received is as follows

S.No	I. CHEMICAL EXAMINATION	Method of testing	Unit	50500	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	pH at 25 ° C	IS 3025 - Part 11 - 198323-1983	-	6.87	6.5-8.5	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025 - Part 23-1986	mg/L	12	200	600
3	Total Hardness as CaCO ₃	IS 3025 - Part 21- 2009	mg/L	44	200	600
4	Chloride as Cl	IS 3025 - Part 32-1988	mg/L	43	250	1000
5	Sulphate as SO ₄	IS 3025 - Part 24-1986	mg/L	< 5.0	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017 - 34500 - NO2 B	mg/L	11	45	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500 F - D	mg/L	< 0.2	1	1.5

Contd...

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TEST REPORT

Sample Receipt No/Date:	50500 - 50501
Invoice Details:	8994/Dt.18.11.2024/ Amt.1652/-
Customer Name and Address:	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP, Ottar Palayam Village, Annur.
Test Commenced on :	18.11.2024
Test Completed on :	19.11.2024
Test Report Date :	22.11.2024

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	River Bhavani
Location :	Clear Water 196 MLD WTP, Annur
Sample drawn by/Date :	Customer/18.11.2024
Quantity Recived :	2 Liters
Sample Container :	Plastic
Condition of the Sample :	Good Condition
Apperance , Colour , Odour :	Clear/Colourless/ Agreeable

The test result of sample received is as follows

S.No	I. Physical Examination	Method of testing	Unit	Sample No.50500 Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	1	5
2	Total Dissolved Soilds	APHA 23rd Edition 2017 - 2540 C	mg/L	122	500	2000
3	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	180	-	-
	II . Chemical Examination					
4	Ph Alkalinity as CaCO ₃	IS 3025 - Part 23-1983	mg/L	0	-	-
5	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	9	75	200
6	Magnicium as Mg	APHA 23rd Edition 3500 Mg B	mg/L	5	30	100
7	Sodium as Na	APHA 23rd Edition 3500 Na B	mg/L	17	-	-
8	Pottassium as K	APHA 23rd Edition 2017 - 3500 K B	mg/L	1	-	-
9	Iron as Fe	APHA 23rd Edition 2017 - 3500 Fe B	mg/L	0	0.3	1
10	Manganese as Mn	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0	0.1	0.3
11	Free Ammonia NH ₃	APHA 17th Edition 1989 - 4500 NH ₃ C	mg/L	0	0.5	0.5
12	Nitrite as NO ₂	APHA 23rd Edition 2017 - 4500 NO ₃ C	mg/L	0	-	-
13	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0	-	-
14	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.24	-	-
	III.Bacteriological Examination			50501		
15	Feacal Coliform per 100 ml	APHA 23rd Edition 2017 - 2130 B	CFU	0	0	0

Remarks: The tested sample is confirmed to IS 10500: 2012 drinking water specification with respect to above tested parameters.

....End of report....

Assistant Water Analyst
TWAD Board, D.W.T.Lab,
Coimbatore
 Coimbatore

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Phone: 0422 - 2437863

Email: twadlabcb@gmail.com

TEST REPORT

Sample Receipt No/Date:	50341 - 50342
Invoice Details:	8950/Dt.22.10.2024/ Amt.1652/-
Customer Name and Address:	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP, Ottar Palayam Village, Annur.
Test Commenced on :	22.10.2024
Test Completed on :	23.10.2024
Test Report Date :	25.10.2024

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	River Bhavani
Location :	Clear Water 196 MLD WTP, Annur
Sample drawn by/Date :	Customer/22.10.2024
Quantity Recived :	2 Liters
Sample Container :	Plastic
Condition of the Sample :	Good Condition

The test result of sample received is as follows

S.No	I. CHEMICAL EXAMINATION	Method of testing	Unit	50341	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	pH at 25 °C	IS 3025 - Part 11 - 198323-1983	-	7.09	6.5-8.5	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025 - Part 23-1986	mg/L	28	200	600
3	Total Hardness as CaCO ₃	IS 3025 - Part 21- 2009	mg/L	66	200	600
4	Chloride as Cl	IS 3025 - Part 32-1988	mg/L	56	250	1000
5	Sulphate as SO ₄	IS 3025 - Part 24-1986	mg/L	15	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017 - 34500 - NO2 B	mg/L	4	45	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500 F - D	mg/L	< 0.2	1	1.5

Contd...

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Email: twadlabcbce@gmail.com

TEST REPORT

Sample Receipt No/Date:	50341 - 50342
Invoice Details:	8950/Dt.22.10.2024/ Amt.1652/-
Customer Name and Address:	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP, Ottar Palayam Village, Annur.
Test Commenced on :	22.10.2024
Test Completed on :	23.10.2024
Test Report Date :	25.10.2024

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	River Bhavani
Location :	Clear Water 196 MLD WTP, Annur
Sample drawn by/Date :	Customer/22.10.2024
Quantity Recived :	2 Liters
Sample Container :	Plastic
Condition of the Sample :	Good Condition
Apperance , Colour , Odour :	Clear/Colourless/ Agreeable

The test result of sample received is as follows

S.No	I. Physical Examination	Method of testing	Unit	Sample No.50341 Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	1	5
2	Total Dissolved Soilds	APHA 23rd Edition 2017 - 2540 C	mg/L	190	500	2000
3	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	μS/cm	280	-	-
	II . Chemical Examination					
4	Ph Alkalinity as CaCO ₃	IS 3025 - Part 23-1983	mg/L	0	-	-
5	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	13	75	200
6	Magnicium as Mg	APHA 23rd Edition 3500 Mg B	mg/L	8	30	100
7	Sodium as Na	APHA 23rd Edition 3500 Na B	mg/L	27	-	-
8	Pottassium as K	APHA 23rd Edition 2017 - 3500 K B	mg/L	2	-	-
9	Iron as Fe	APHA 23rd Edition 2017 - 3500 Fe B	mg/L	0	0.3	1
10	Manganese as Mn	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0	0.1	0.3
11	Free Ammonia NH ₃	APHA 17th Edition 1989 - 4500 NH3C	mg/L	0.2	0.5	0.5
12	Nitrite as NO ₂	APHA 23rd Edition 2017 - 4500 NO3 C	mg/L	0	-	-
13	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.04	-	-
14	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.24	-	-
	III.Bacteriological Examination			50342		
15	Feacal Coliform per 100 ml	APHA 23rd Edition 2017 - 2130 B	CFU	0	0	0

Remarks: The tested sample is confirmed to IS 10500: 2012 drinking water specification with respect to above tested parameters.

....End of report....

Assistant Water Analyst

TWAD Board,DWT Lab.,

Coimbatore

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**TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore -641043.**

Phone: 0422 - 2437863

E-mail: twadlabcb@gmail.com

TEST REPORT

Sample Receipt No/Date :	49960- 49961/Dt.02.09.2024 ✓
Invoice Details :	8861/Dt.02.09.2024/Amt.1652/- ✓
Customer Name and Address :	M/s. ECO Protection Engineers Pvt Ltd, 196 MLD WTP Site, Oddarpalayam Village, Annur Taluk, Kurukkiliyampalayam Main Road, Coimbatore.
Test Commenced on :	02.09.2024 ✓
Test Completed on :	03.09.2024 ✓
Test Report Date :	05.09.2024 ✓
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :	River Bhavani
Location :	196 MLD Water Treatment Plant, Clear Water Reservoir, Annur
Sample drawn by/Date :	Customer/02.09.2024 ✓
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition ✓
Appearance, Colour, Odour :	Clear/Colourless/Agreeable
The test result of sample received is as follows.	

S.No	I. Physical Examination	Method of Testing	Unit	Sample No. 49960 ✓ Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	1	5
2	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	66 ✓	500	2000
3	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	μS/cm	97 ✓	-	-
	II. Chemical Examination					
4	Ph. Alkalinity as CaCO ₃	IS 3025-Part 23-1983	mg/L	0	-	-
5	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	5	75	200
6	Magnesium as Mg	APHA 23rd Edition 2017- 3500 Mg B	mg/L	3	30	100
7	Sodium as Na	APHA 23rd Edition 2017 - 3500 Na B	mg/L	9	-	-
8	Potassium as K	APHA 23rd Edition 2017 - 3500 K B	mg/L	0	-	-
9	Iron as Fe	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0	0.3	1.0
10	Manganese as Mn	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0	0.1	0.3
11	Free Ammonia as NH ₃	APHA 17th Edition-1989- 4500 NH ₃ C	mg/L	0.1 ✓	0.5	0.5
12	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO ₃ B	mg/L	0	-	-
13	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0	-	-
14	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.24 ✓	-	-
	III. Bacteriological Examination			49961		
15	Feecal Coliform per 100 ml	IS/APHA ✓	CFU	0 ✓	0	0

Remarks: The tested sample is confirmed to IS: 10500:2012 drinking water specification with respect to above tested parameters. ✓

.....End of the report.....

05/9/2024

Assistant Water Analyst,
TWAD Bd, D.W.T. Lab,
Coimbatore.

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Phone: 0422 - 2437863

E-mail: twadlabcb@gmail.com

TEST REPORT

Sample Receipt No/Date :	49960- 49961/Dt.02.09.2024
Invoice Details :	8861/Dt.02.09.2024/Amt.1652/-
Customer Name and Address :	M/s. ECO Protection Engineers Pvt Ltd, 196 MLD WTP Site, Oddarpalayam Village, Annur Taluk, Kurukkiliyampalayam Main Road, Coimbatore.
Test Commenced on :	02.09.2024
Test Completed on :	03.09.2024
Test Report Date :	05.09.2024
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :	River Bhavani
Location :	196 MLD Water Treatment Plant, Clear Water Reservoir, Annur
Sample drawn by/Date	Customer/02.09.2024
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
The test result of sample received is as follows.	

S.No	I. CHEMICAL EXAMINATION	Method of Testing	Unit	Sample No. 49960 Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit
1	pH at 25°C	IS 3025 Part 11-1983	-	7.1	6.5-8.5	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025-Part 23-1986	mg/L	8	200	600
3	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	26	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	24	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	< 5.0	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 -NO ₂ B	mg/L	< 2.0	45	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500- F-D	mg/L	< 0.2	1.0	1.5

Contd..

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Coimbatore - 641043.

Phone: 0422 - 2437863

E-mail: twadlabcbce@gmail.com

TEST REPORT

Sample Receipt No/Date :	49892- 49893/Dt.21.08.2024
Invoice Details :	8837/Dt.21.08.2024/Amt.1652/-
Customer Name and Address :	M/s. ECO Protection Engineers Pvt Ltd, 196 MLD WTP Site, Oddarpalayam Village, Annur Taluk, Kurukkiliyampalayam Main Road, Coimbatore.
Test Commenced on :	21.08.2024
Test Completed on :	22.08.2024
Test Report Date :	28.08.2024
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :	River Bhavani
Location :	196 MLD Water Treatment Plant, Clear Water Reservoir, Annur
Sample drawn by/Date	Customer/21.08.2024
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
The test result of sample received is as follows.	

S.No	I. CHEMICAL EXAMINATION	Method of Testing	Unit	Sample No. 49892 Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit
1	pH at 25°C	IS 3025 Part 11-1983	-	7.26	6.5-8.5	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025-Part 23-1986	mg/L	16	200	600
3	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	38	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	20	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	12	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 -NO ₂ B	mg/L	15	45	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500- F-D	mg/L	< 0.2	1.0	1.5

Contd..

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Coimbatore -641043.

Phone: 0422 - 2437863

E-mail: twadlabce@gmail.com

TEST REPORT

Sample Receipt No/Date :	49892- 49893/Dt.21.08.2024
Invoice Details :	8837/Dt.21.08.2024/Amt.1652/-
Customer Name and Address :	M/s. ECO Protection Engineers Pvt Ltd, 196 MLD WTP Site, Oddarpalayam Village, Annur Taluk, Kurukkiliyampalayam Main Road, Coimbatore.
Test Commenced on :	21.08.2024
Test Completed on :	22.08.2024
Test Report Date :	28.08.2024
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :	River Bhavani
Location :	196 MLD Water Treatment Plant, Clear Water Reservoir, Annur
Sample drawn by/Date :	Customer/21.08.2024
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
Appearance, Colour, Odour :	Clear/Colourless/Agreeable

The test result of sample received is as follows.

S.No	I. Physical Examination	Method of Testing	Unit	Sample No. 49892 Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	1	5
2	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	101	500	2000
3	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	μS/cm	149	-	-
II. Chemical Examination						
4	Ph. Alkalinity as CaCO ₃	IS 3025-Part 23-1983	mg/L	0	-	-
5	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	7	75	200
6	Magnesium as Mg	APHA 23rd Edition 2017- 3500 Mg B	mg/L	5	30	100
7	Sodium as Na	APHA 23rd Edition 2017 - 3500 Na B	mg/L	14	-	-
8	Potassium as K	APHA 23rd Edition 2017 - 3500 K B	mg/L	1	-	-
9	Iron as Fe	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0	0.3	1.0
10	Manganese as Mn	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0	0.1	0.3
11	Free Ammonia as NH ₃	APHA 17th Edition-1989- 4500 NH ₃ C	mg/L	0.2	0.5	0.5
12	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO ₃ B	mg/L	0	-	-
13	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0	-	-
14	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.24	-	-
III. Bacteriological Examination						
15	Faecal Coliform per 100 ml	IS/APHA	CFU	0	0	0

Remarks: The tested sample is confirmed to IS: 10500:2012 drinking water specification with respect to above tested parameters.

.....End of the report.....


 28/8/2024
 Assistant Water Analyst,
 TWAD Bd, D.W.T. Lab,
 Coimbatore.

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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore - 641043.

Phone: 0422 - 2437863

E-mail: twadlabcbce@gmail.com

TEST REPORT

Sample Receipt No/Date :	49704- 49705 /Dt.22.07.2024
Invoice Details :	8783/Dt.22.07.2024/Amt.1652/-
Customer Name and Address :	M/s. ECO Protection Engineers Pvt Ltd, 196 MLD WTP Site, Oddarpalayam Village, Annur Taluk, Kurukkiliyampalayam Main Road, Coimbatore.
Test Commenced on :	22.07.2024
Test Completed on :	23.07.2024
Test Report Date :	26.07.2024
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :	River Bhavani
Location :	196 MLD Water Treatment Plant, Clear Water Reservoir, Annur
Sample drawn by/Date	Customer/22.07.2024
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
The test result of sample received is as follows.	

S.No	I. CHEMICAL EXAMINATION	Method of Testing	Unit	Sample No. 49704 Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit
1	pH at 25°C	IS 3025 Part 11-1983	-	7.3	6.5-8.5	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025-Part 23-1986	mg/L	8	200	600
3	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	20	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	13	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	< 5.0	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 -NO ₂ B	mg/L	6	45	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500- F-D	mg/L	< 0.2	1.0	1.5

Contd..

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**TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY**

**TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore -641043.**

Phone: 0422 - 2437863

E-mail: twadlabce@gmail.com

TEST REPORT

Sample Receipt No/Date :	49704- 49705 /Dt.22.07.2024
Invoice Details :	8783/Dt.22.07.2024/Amt.1652/-
Customer Name and Address :	M/s. ECO Protection Engineers Pvt Ltd, 196 MLD WTP Site, Oddarpalayam Village, Annur Taluk, Kurukkiliyampalayam Main Road, Coimbatore.
Test Commenced on :	22.07.2024
Test Completed on :	23.07.2024
Test Report Date :	26.07.2024

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	River Bhavani
Location :	196 MLD Water Treatment Plant, Clear Water Reservoir, Annur
Sample drawn by/Date :	Customer/22.07.2024
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
Appearance, Colour, Odour :	Clear/Colourless/Agreeable

The test result of sample received is as follows.

S.No	I. Physical Examination	Method of Testing	Unit	Sample No. 49704 Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	1	5
2	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	50	500	2000
3	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	μS/cm	74	-	-
	II. Chemical Examination					
4	Ph. Alkalinity as CaCO ₃	IS 3025-Part 23-1983	mg/L	0	-	-
5	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	4	75	200
6	Magnesium as Mg	APHA 23rd Edition 2017- 3500 Mg B	mg/L	2	30	100
7	Sodium as Na	APHA 23rd Edition 2017- 3500 Na B	mg/L	7	-	-
8	Potassium as K	APHA 23rd Edition 2017 - 3500 K B	mg/L	0	-	-
9	Iron as Fe	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0	0.3	1.0
10	Manganese as Mn	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0	0.1	0.3
11	Free Ammonia as NH ₃	APHA 17th Edition-1989- 4500 NH ₃ C	mg/L	0.2	0.5	0.5
12	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO ₃ B	mg/L	0	-	-
13	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.14	-	-
14	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.24	-	-
	III. Bacteriological Examination			49705		
15	Faecal Coliform per 100 ml	IS/APHA	CFU	0	0	0

Remarks: The tested sample is confirmed to IS: 10500:2012 drinking water specification with respect to above tested parameters.

.....End of the report.....

26/7/2024

Assistant Water Analyst,
TWAD Bd, D.W.T. Lab,
Coimbatore.

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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore - 641043.

Phone: 0422 - 2437863

E-mail: twadlabcb@gmail.com

TEST REPORT

Sample Receipt No/Date :	49552- 49553 /Dt.21.06.2024
Invoice Details :	8738/Dt.21.06.2024/Amt.1652/-
Customer Name and Address :	M/s. ECO Protection Engineers Pvt Ltd, 196 MLD WTP Site, Oddarpalayam Village, Annur Taluk, Kurukkiliyampalayam Main Road, Coimbatore.
Test Commenced on :	21.06.2024
Test Completed on :	22.06.2024
Test Report Date :	26.06.2024
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :	River Bhavani
Location :	196 MLD Water Treatment Plant, Clear Water Reservoir, Annur
Sample drawn by/Date	Customer/21.06.2024
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
The test result of sample received is as follows.	

S.No	I. CHEMICAL EXAMINATION	Method of Testing	Unit	Sample No. 49552 Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit
1	pH at 25°C	IS 3025 Part 11-1983	-	7.4	6.5-8.5	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025-Part 23-1986	mg/L	24	200	600
3	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	52	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	34	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	17	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 -NO ₂ B	mg/L	9	45	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500- F-D	mg/L	< 0.2	1.0	1.5

Contd..

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DISTRICT WATER TESTING LABORATORY
TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore -641043.

Phone: 0422 - 2437863

E-mail: twadlabcbce@gmail.com

TEST REPORT

Sample Receipt No/Date :	49552- 49553 /Dt.21.06.2024
Invoice Details :	8738/Dt.21.06.2024/Amt.1652/-
Customer Name and Address :	M/s. ECO Protection Engineers Pvt Ltd, 196 MLD WTP Site, Oddarpalayam Village, Annur Taluk, Kurukkiliyampalayam Main Road, Coimbatore.
Test Commenced on :	21.06.2024
Test Completed on :	22.06.2024
Test Report Date :	26.06.2024
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :	River Bhavani
Location :	196 MLD Water Treatment Plant, Clear Water Reservoir, Annur
Sample drawn by/Date :	Customer/21.06.2024
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
Appearance, Colour, Odour :	Clear/Colourless/Agreeable
The test result of sample received is as follows.	

S.No	I. Physical Examination	Method of Testing	Unit	Sample No. 49552 Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	1	5
2	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	143	500	2000
3	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	211	-	-
II. Chemical Examination						
4	Ph. Alkalinity as CaCO ₃	IS 3025-Part 23-1983	mg/L	0	-	-
5	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	10	75	200
6	Magnesium as Mg	APHA 23rd Edition 2017- 3500 Mg B	mg/L	6	30	100
7	Sodium as Na	APHA 23rd Edition 2017 - 3500 Na B	mg/L	20	-	-
8	Potassium as K	APHA 23rd Edition 2017 - 3500 K B	mg/L	2	-	-
9	Iron as Fe	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0	0.3	1.0
10	Manganese as Mn	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0	0.1	0.3
11	Free Ammonia as NH ₃	APHA 17th Edition-1989- 4500 NH ₃ C	mg/L	0.2	0.5	0.5
12	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO ₃ B	mg/L	0	-	-
13	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.12	-	-
14	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.24	-	-
III. Bacteriological Examination				49553		
15	Faecal Coliform per 100 ml	IS/APHA	CFU	0	0	0

Remarks: The tested sample is confirmed to IS: 10500:2012 drinking water specification with respect to above tested parameters.

.....End of the report.....


26/6/2024
Assistant Water Analyst,
TWAD Bd, D.W.T. Lab,
Coimbatore.

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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore - 641043.

Phone: 0422 - 2437863

E-mail: twadlabcb@gmail.com

TEST REPORT

Sample Receipt No/Date :	49205- 49206 /Dt.09.05.2024
Invoice Details :	8671/Dt.09.05.2024/Amt.1652/-
Customer Name and Address :	M/s. ECO Protection Engineers Pvt Ltd, 196 MLD WTP Site, Oddarpalayam Village, Annur Taluk, Kurukkiliyampalayam Main Road, Coimbatore.
Test Commenced on :	09.05.2024
Test Completed on :	10.05.2024
Test Report Date :	15.05.2024
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :	River Bhavani
Location :	196 MLD Water Treatment Plant, Clear Water Reservoir, Annur
Sample drawn by/Date	Customer/09.05.2024
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
The test result of sample received is as follows.	

S.No	I. CHEMICAL EXAMINATION	Method of Testing	Unit	Sample No. 49205 Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit
1	pH at 25°C	IS 3025 Part 11-1983	-	7.3	6.5-8.5	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025-Part 23-1986	mg/L	28	200	600
3	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	48	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	30	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	10	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 -NO ₂ B	mg/L	9	45	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500- F-D	mg/L	< 0.2	1.0	1.5

Remarks: The tested sample is confirmed to IS: 10500:2012 drinking water specification with respect to above tested parameters.


15/5/2024
Assistant Water Analyst,
TWAD Bd, D.W.T. Lab,
Coimbatore.

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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore -641043.

Phone: 0422 - 2437863

E-mail: twadlabce@gmail.com

TEST REPORT

Sample Receipt No/Date :	49205- 49206 /Dt.09.05.2024
Invoice Details :	8671/Dt.09.05.2024/Amt.1652/-
Customer Name and Address :	M/s. ECO Protection Engineers Pvt Ltd, 196 MLD WTP Site, Oddarpalayam Village, Annur Taluk, Kurukkiliyampalayam Main Road, Coimbatore.
Test Commenced on :	09.05.2024
Test Completed on :	10.05.2024
Test Report Date :	15.05.2024
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :	River Bhavani
Location :	196 MLD Water Treatment Plant, Clear Water Reservoir, Annur
Sample drawn by/Date :	Customer/09.05.2024
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
Appearance, Colour, Odour :	Clear/Colourless/Agreeable
The test result of sample received is as follows.	

S.No	I. Physical Examination	Method of Testing	Unit	Sample No. 49205 Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	1	5
2	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	130	500	2000
3	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	192	-	-
II. Chemical Examination						
4	Ph. Alkalinity as CaCO ₃	IS 3025-Part 23-1983	mg/L	0	-	-
5	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	10	75	200
6	Magnesium as Mg	APHA 23rd Edition 2017- 3500 Mg B	mg/L	6	30	100
7	Sodium as Na	APHA 23rd Edition 2017 - 3500 Na B	mg/L	19	-	-
8	Potassium as K	APHA 23rd Edition 2017 - 3500 K B	mg/L	1	-	-
9	Iron as Fe	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0	0.3	1.0
10	Manganese as Mn	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0	0.1	0.3
11	Free Ammonia as NH ₃	APHA 17th Edition-1989- 4500 NH ₃ C	mg/L	0.2	0.5	0.5
12	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO ₃ B	mg/L	0	-	-
13	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.03	-	-
14	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.24	-	-
III. Bacteriological Examination						
15	Feecal Coliform per 100 ml	IS/APHA	CFU	0	0	0

Remarks: The tested sample is confirmed to IS: 10500:2012 drinking water specification with respect to above tested parameters.

.....End of the report.....


 15/5/2024
 Assistant Water Analyst,
 TWAD Bd, D.W.T. Lab,
 Coimbatore.

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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore - 641043.

Phone: 0422 - 2437863

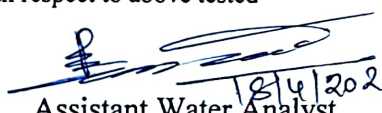
E-mail: twadlabcb@gmail.com

TEST REPORT

Sample Receipt No/Date :	48912- 48913 /Dt.12.04.2024 ✓
Invoice Details :	8598/Dt.12.04.2024/Amt.1652/- ✓
Customer Name and Address :	M/s. ECO Protection Engineers Pvt Ltd, 196 MLD WTP Site, Oddarpalayam Village, Annur Taluk, Kurukkiliyampalayam Main Road, Coimbatore.
Test Commenced on :	12.04.2024 ✓
Test Completed on :	13.04.2024 ✓
Test Report Date :	18.04.2024 ✓
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :	River Bhavani ✓
Location :	196 MLD Water Treatment Plant, Clear Water Reservoir, Annur
Sample drawn by/Date	Customer/12.04.2024 ✓
Quantity Received :	2 litres ✓
Sample Container :	Plastic ✓
Condition of the Sample :	Good Condition ✓
The test result of sample received is as follows.	

S.No	I. CHEMICAL EXAMINATION	Method of Testing	Unit	Sample No. 48912 Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit
1	pH at 25°C	IS 3025 Part 11-1983	-	7.2	6.5-8.5	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025-Part 23-1986	mg/L	24	200	600
3	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	44	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	26	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	13	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 -NO ₂ B	mg/L	9	45	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500- F-D	mg/L	< 0.2	1.0	1.5

Remarks: The tested sample is confirmed to IS: 10500:2012 drinking water specification with respect to above tested parameters.


18/4/2024
Assistant Water Analyst,
TWAD Bd, D.W.T. Lab,
Coimbatore.

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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore -641043.

Phone: 0422 - 2437863

E-mail: twadlabce@gmail.com

TEST REPORT

Sample Receipt No/Date :	48912- 48913 /Dt.12.04.2024
Invoice Details :	8598/Dt.12.04.2024/Amt.1652/-
Customer Name and Address :	M/s. ECO Protection Engineers Pvt Ltd, 196 MLD WTP Site, Oddarpalayam Village, Annur Taluk, Kurukkiliyampalayam Main Road, Coimbatore.
Test Commenced on :	12.04.2024
Test Completed on :	13.04.2024
Test Report Date :	18.04.2024
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :	River Bhavani
Location :	196 MLD Water Treatment Plant, Clear Water Reservoir, Annur
Sample drawn by/Date :	Customer/12.04.2024
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
Appearance, Colour, Odour :	Clear/Colourless/Agreeable
The test result of sample received is as follows.	

S.No	I. Physical Examination	Method of Testing	Unit	Sample No. 48912 Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	1	5
2	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	122	500	2000
3	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	μS/cm	180	-	-
	II. Chemical Examination					
4	Ph. Alkalinity as CaCO ₃	IS 3025-Part 23-1983	mg/L	0	-	-
5	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	9	75	200
6	Magnesium as Mg	APHA 23rd Edition 2017 - 3500 Mg B	mg/L	5	30	100
7	Sodium as Na	APHA 23rd Edition 2017 - 3500 Na B	mg/L	17	-	-
8	Potassium as K	APHA 23rd Edition 2017 - 3500 K B	mg/L	1	-	-
9	Iron as Fe	APHA 23rd Edition 2017 - 3500 Fe B	mg/L	0	0.3	1.0
10	Manganese as Mn	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0	0.1	0.3
11	Free Ammonia as NH ₃	APHA 17th Edition-1989- 4500 NH ₃ C	mg/L	0.2	0.5	0.5
12	Nitrite as NO ₂	APHA 23rd Edition 2017 - 4500-NO ₃ B	mg/L	0	-	-
13	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0	-	-
14	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.24	-	-
	III. Bacteriological Examination			48913		
15	Feecal Coliform per 100 ml	IS/APHA	CFU	0	0	0

Remarks: The tested sample is confirmed to IS: 10500:2012 drinking water specification with respect to above tested parameters.

.....End of the report.....

18/4/2024
Assistant Water Analyst,
TWAD Bd, D.W.T. Lab,
Coimbatore.

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DISTRICT WATER TESTING LABORATORY
TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore -641043.

Phone: 0422 - 2437863

E-mail: twadlabcbce@gmail.com

TEST REPORT

Sample Receipt No/Date :	48832- 48833 /Dt.26.03.2024
Invoice Details :	8577/Dt.26.03.2024/Amt.1652/-
Customer Name and Address :	M/s. ECO Protection Engineers Pvt Ltd, 196 MLD WTP Site, Oddarpalayam Village, Annur Taluk, Kurukkiliyampalayam Main Road, Coimbatore.
Test Commenced on :	26.03.2024
Test Completed on :	27.03.2024
Test Report Date :	28.03.2024
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :	River Bhavani
Location :	196 MLD Water Treatment Plant, Clear Water Reservoir, Annur
Sample drawn by/Date :	Customer/26.03.2024
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
Appearance, Colour, Odour :	Clear/Colourless/Agreeable
The test result of sample received is as follows.	

S.No	<u>I. Physical Examination</u>	Method of Testing	Unit	Sample No. 48832 Result	Specification as per IS 10500 : 2012 Permissible Limit
1	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0 ✓	5
2	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	165 ✓	2000
3	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	μS/cm	242 ✓	-
	<u>II. Chemical Examination</u>				
4	Ph. Alkalinity as CaCO ₃	IS 3025-Part 23-1983	mg/L	0	-
5	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	11	200
6	Magnesium as Mg	APHA 23rd Edition 2017- 3500 Mg B	mg/L	7	100
7	Sodium as Na	APHA 23rd Edition 2017 - 3500 Na B	mg/L	24	-
8	Potassium as K	APHA 23rd Edition 2017 - 3500 K B	mg/L	2	-
9	Iron as Fe	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0	1
10	Manganese as Mn	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0	0.3
11	Free Ammonia as NH ₃	APHA 17th Edition-1989- 4500 NH ₃ C	mg/L	0.2	0.5
12	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO ₃ B	mg/L	0	-
13	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.26	-
14	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.24 ✓	-
	<u>III. Bacteriological Examination</u>			48833	
15	Feecal Coliform per 100 ml	IS/APHA	CFU	0 ✓	0

.....End of the report.....


 Assistant Water Analyst,
 TWAD Bd, D.W.T. Lab,
 Coimbatore.

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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
TWAD Board, Sriruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore - 641043.

Phone: 0422 - 2437863

E-mail: twadlabcbce@gmail.com

TEST REPORT

Sample Receipt No/Date :	48832- 48833 /Dt.26.03.2024
Invoice Details :	8577/Dt.26.03.2024/Amt.1652/- ✓
Customer Name and Address :	M/s. ECO Protection Engineers Pvt Ltd, ✓ 196 MLD WTP Site, Oddarpalayam Village, Annur Taluk, Kurukkiliyampalayam Main Road, Coimbatore.
Test Commenced on :	26.03.2024 ✓
Test Completed on :	27.03.2024 ✓
Test Report Date :	28.03.2024 ✓
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :	River Bhavani ✓
Location :	196 MLD Water Treatment Plant, Clear Water Reservoir, Annur
Sample drawn by/Date :	Customer/26.03.2024 ✓
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition ✓
The test result of sample received is as follows.	

S.No	I. CHEMICAL EXAMINATION	Method of Testing	Unit	Sample No. 48832 Result	Specification as per IS 10500 : 2012
					Permissible Limit
1	pH at 25°C	IS 3025 Part 11-1983	-	7.2 ✓	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025-Part 23-1986	mg/L	36	600
3	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	56	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	36	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	15	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 -NO ₂ B	mg/L	8	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500- F-D	mg/L	< 0.2	1.5


01/4/2024
Assistant Water Analyst,
TWAD Bd, D.W.T. Lab,
Coimbatore.

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TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore - 641043.

Phone: 0422 - 2437863

E-mail: twadlabcbce@gmail.com

TEST REPORT

Sample Receipt No/Date :	48500 - 48501 /Dt.14.02.2024
Invoice Details :	8494/Dt.14.02.2024/Amt.1652/-
Customer Name and Address :	M/s. ECO Protection Engineers Pvt Ltd, 196 MLD WTP Site, Oddarpalayam Village, Annur Taluk, Kurukkiliyampalayam Main Road, Coimbatore.
Test Commenced on :	14.02.2024 ✓
Test Completed on :	15.02.2024 ✓
Test Report Date :	19.02.2024 ✓
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :-	Bhavani River
Location :	196 MLD Water Treatment Plant, Clear Water Reservoir, Annur
Sample drawn by/Date :	Customer/14.02.2024 ✓
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition ✓
The test result of sample received is as follows.	

S.No	I. CHEMICAL EXAMINATION	Method of Testing	Unit	Sample No. 48500 Result	Specification as per IS 10500 : 2012
					Permissible Limit
1	pH at 25°C	IS 3025 Part 11-1983	-	7.1	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025-Part 23-1986	mg/L	28	600
3	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	52	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	40	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	8	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 -NO2 B	mg/L	7	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500- F-D	mg/L	< 0.2	1.5

.....End of the report.....

[Signature]
 Assistant Water Analyst,
 TWAD Bd, D.W.T. Lab,
 Coimbatore.

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**TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY**

**TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore -641043.**

Phone: 0422 - 2437863

E-mail: twadlabce@gmail.com

TEST REPORT

Sample Receipt No/Date :	48500 – 48501 /Dt.14.02.2024
Invoice Details :	8494/Dt.14.02.2024/Amt.1652/-
Customer Name and Address :	M/s. ECO Protection Engineers Pvt Ltd, 196 MLD WTP Site, Oddarpalayam Village, Annur Taluk, Kurukkiliyampalayam Main Road, Coimbatore.
Test Commenced on :	14.02.2024
Test Completed on :	15.02.2024
Test Report Date :	19.02.2024
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :	Bhavani River
Location :	196 MLD Water Treatment Plant, Clear Water Reservoir, Annur
Sample drawn by/Date :	Customer/14.02.2024
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
Appearance, Colour, Odour :	Clear/Colourless/Agreeable
The test result of sample received is as follows.	

S.No	I. Physical Examination	Method of Testing	Unit	Sample No. 48500 Result	Specification as per IS 10500 : 2012 Permissible Limit
1	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	5
2	Total Dissolved Solids	APHA 23rd Edition 2017 – 2540 C	mg/L	142	2000
3	Electrical Conductivity	APHA 23rd Edition 2017 – 2510 B	μS/cm	210	-
	II. Chemical Examination				
4	Ph. Alkalinity as CaCO ₃	IS 3025-Part 23-1983	mg/L	0	-
5	Calcium as Ca	APHA 23rd Edition 2017 – 3500 Ca B	mg/L	10	200
6	Magnesium as Mg	APHA 23rd Edition 2017– 3500 Mg B	mg/L	6	100
7	Sodium as Na	APHA 23rd Edition 2017 – 3500 Na B	mg/L	20	-
8	Potassium as K	APHA 23rd Edition 2017 – 3500 K B	mg/L	2	-
9	Iron as Fe	APHA 23rd Edition 2017– 3500 Fe B	mg/L	0	1
10	Manganese as Mn	APHA 23rd Edition 2017 – 3500 Mn B	mg/L	0	0.3
11	Free Ammonia as NH ₃	APHA 17th Edition-1989– 4500 NH ₃ C	mg/L	0.1	0.5
12	Nitrite as NO ₂	APHA 23rd Edition 2017– 4500-NO ₃ B	mg/L	0	-
13	Phosphate as PO ₄	APHA 23rd Edition 2017 – 4500 P- D	mg/L	0.36	-
14	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 – 4500 O - B	mg/L	0.24	-
	III. Bacteriological Examination			48501	
15	Faecal Coliform per 100 ml	IS/APHA	CFU	0	0

.....End of the report.....

Assistant Water Analyst,
 TWAD Bd, D.W.T. Lab,
 Coimbatore.

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DISTRICT WATER TESTING LABORATORY
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Coimbatore -641043.

Phone: 0422 - 2437863

E-mail: twadlabcb@gmail.com

TEST REPORT

Sample Receipt No/Date :	48363- 48364 /Dt.11.01.2024
Invoice Details :	8454/Dt.11.01.2024/Amt.1652/-
Customer Name and Address :	M/s. ECO Protection Engineers Pvt Ltd, 196 MLD WTP Site, Oddarpalayam Village, Annur Taluk, Kurukkiliyampalayam Main Road, Coimbatore.
Test Commenced on :	11.01.2024
Test Completed on :	12.01.2024
Test Report Date :	19.01.2024
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :	Pillur Dam Water
Location :	196 MLD Water Treatment Plant, Clear Water Reservoir, Annur
Sample drawn by/Date :	Customer/11.01.2024
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
Appearance, Colour, Odour :	Clear/Colourless/Agreeable
The test result of sample received is as follows.	

S.No	I. Physical Examination	Method of Testing	Unit	Sample No. 48363 Result	Specification as per IS 10500 : 2012 Permissible Limit
✓ 1	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	5
✓ 2	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	178	2000
✓ 3	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	262	-
	II. Chemical Examination				
✓ 4	Ph. Alkalinity as CaCO ₃	IS 3025-Part 23-1983	mg/L	0	-
✓ 5	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	13	200
✓ 6	Magnesium as Mg	APHA 23rd Edition 2017 - 3500 Mg B	mg/L	8	100
✓ 7	Sodium as Na	APHA 23rd Edition 2017 - 3500 Na B	mg/L	26	-
✓ 8	Potassium as K	APHA 23rd Edition 2017 - 3500 K B	mg/L	2	-
✓ 9	Iron as Fe	APHA 23rd Edition 2017 - 3500 Fe B	mg/L	0	1
✓ 10	Manganese as Mn	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0	0.3
✓ 11	Free Ammonia as NH ₃	APHA 17th Edition-1989- 4500 NH3C	mg/L	0.2	0.5
✓ 12	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO3 B	mg/L	0	-
✓ 13	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.02	-
✓ 14	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.24	-
	III. Bacteriological Examination			48364	
✓ 15	Faecal Coliform per 100 ml	IS/APHA	CFU	0	0

.....End of the report.....

19/1/2024
 Authorized Signatory,
 TWAD Bd, D.W.T. Lab,
 Coimbatore.

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Coimbatore - 641043.

Phone: 0422 - 2437863

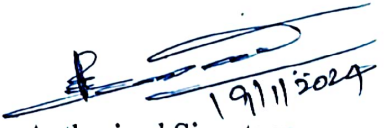
E-mail: twadlabcbce@gmail.com

TEST REPORT

Sample Receipt No/Date :	48363- 48364 /Dt.11.01.2024
Invoice Details :	8454/Dt.11.01.2024/Amt.1652/-
Customer Name and Address :	M/s. ECO Protection Engineers Pvt Ltd, 196 MLD WTP Site, Oddarpalayam Village, Annur Taluk, Kurukkiliyampalayam Main Road, Coimbatore.
Test Commenced on :	11.01.2024
Test Completed on :	12.01.2024
Test Report Date :	19.01.2024
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :	Pillur Dam Water
Location :	196 MLD Water Treatment Plant, Clear Water Reservoir, Annur
Sample drawn by/Date :	Customer/11.01.2024
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
The test result of sample received is as follows.	

S.No	I. CHEMICAL EXAMINATION	Method of Testing	Unit	Sample No. 48363 Result	Specification as per IS 10500 : 2012
					Permissible Limit
✓ 1	pH at 25°C	IS 3025 Part 11-1983	-	7.1	6.5-8.5
✓ 2	Total Alkalinity as CaCO ₃	IS 3025-Part 23-1986	mg/L	60	600
✓ 3	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	64	600
✓ 4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	37	1000
✓ 5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	< 5.0	400
✓ 6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 -NO ₂ B	mg/L	11	45
✓ 7	Fluoride as F	APHA 23rd Edition 2017 - 4500- F-D	mg/L	< 0.2	1.5

.....End of the report.....


19/11/2024
Authorized Signatory,
TWAD Bd, D.W.T. Lab,
Coimbatore.

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