



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

Phone: 0422 - 2437863

Email: twadlabcb@gmail.com

TEST REPORT

Sample Receipt No/Date:	50947 - 50948
Invoice Details:	9081/Dt.06.01.2025/Amt.1652/-
Customer Name and Address:	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP, Ottar Palayam Village, Annur.
Test Commenced on :	06.01.2025
Test Completed on :	07.01.2025
Test Report Date :	10.01.2025

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	River Bhavani
Location :	Clear Water 196 MLD WTP, Annur
Sample drawn by/Date :	Customer/06.01.2025
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.50947 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	87	500	2000
3	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	128	-	-
	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	6	75	200
6	Magnicium as Mg	APHA 23rd Edition 3500 Mg B	mg/L	4	30	100
7	Sodium as Na	APHA 23rd Edition 3500 Na B	mg/L	13	-	-
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	Residual chlorine (RCl ₂)	IS 3025 - Part 26-1986	mg/L	0.2	0.2	1
15	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.24	-	-
	III.Bacteriological Examination			50948		
16	Feecal 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

Note:

- 1.The test results relate only to the tested sample.
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- 3.Unless informed by customer,the test items will not be retained for more than 15 days from the date of issue of the report.





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Twad Board, Siruvani Nagar Campus., No.30, Bharathi Park Road,
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Phone: 0422 - 2437863

Email: twadlabcb@gmail.com

TEST REPORT

Sample Receipt No/Date:	50947 - 50948
Invoice Details:	9081/Dt.06.01.2025/ Amt.1652/-
Customer Name and Address:	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP, Ottar Palayam Village, Annur.
Test Commenced on :	06.01.2025
Test Completed on :	07.01.2025
Test Report Date :	10.01.2025

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	River Bhavani
Location :	Clear Water 196 MLD WTP, Annur
Sample drawn by/ Date :	Customer/06.01.2025
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	Sample No.50947 Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	pH at 25 ° C	IS 3025 - Part 11 - 198323-1983	-	6.82	6.5-8.5	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025 - Part 23-1986	mg/L	4	200	600
3	Total Hardness as CaCO ₃	IS 3025 - Part 21- 2009	mg/L	30	200	600
4	Chloride as Cl	IS 3025 - Part 32-1988	mg/L	31	250	1000
5	Sulphate as SO ₄	IS 3025 - Part 24-1986	mg/L	7	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017 - 34500 - NO2 B	mg/L	5	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:	51047 - 51048
Invoice Details:	9107/Dt.22.01.2025/Amt.1652/-
Customer Name and Address:	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP, Ottar Palayam Village, Annur.
Test Commenced on :	21.01.2025
Test Completed on :	22.01.2025
Test Report Date :	24.01.2025

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	River Bhavani
Location :	Clear Water 196 MLD WTP, Annur
Sample drawn by/Date :	Customer/21.01.2025
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.51047 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	174	-	-
	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	4	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	-	-
13	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0	-	-
14	Residual chlorine (RCl ₂)	IS 3025 - Part 26-1986	mg/L	0.2	0.2	1
15	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.24	-	-
	III.Bacteriological Examination			51048		
16	Faecal 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....

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

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Sample Receipt No/Date:	51047 - 51048
Invoice Details:	9107/Dt.22.01.2025/ Amt.1652/-
Customer Name and Address:	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP, Ottar Palayam Village, Annur.
Test Commenced on :	21.01.2025
Test Completed on :	22.01.2025
Test Report Date :	24.01.2025

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	River Bhavani
Location :	Clear Water 196 MLD WTP, Annur
Sample drawn by/Date :	Customer/21.01.2025
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	Sample No.51047 Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	pH at 25 °C	IS 3025 - Part 11 - 198323-1983	-	6.9	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	40	200	600
4	Chloride as Cl	IS 3025 - Part 32-1988	mg/L	37	250	1000
5	Sulphate as SO ₄	IS 3025 - Part 24-1986	mg/L	11	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

Note:

Contd...

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Phone: 0422 - 2437863

Email: twadlabcbce@gmail.com

TEST REPORT

Sample Receipt No/Date:	51228 - 51229
Invoice Details:	9141/Dt.07.02.2025/ Amt.1652/-
Customer Name and Address:	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP, Ottar Palayam Village, Annur. ✓
Test Commenced on :	07.02.2025 ✓
Test Completed on :	08.02.2025 ✓
Test Report Date :	12.02.2025 ✓

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	River Bhavani
Location :	Clear Water 196 MLD WTP, Annur
Sample drawn by/Date :	Customer/07.02.2025 ✓
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.51228 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	106	500	2000
3	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	156	-	-
	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	4	30	100
7	Sodium as Na	APHA 23rd Edition 3500 Na B	mg/L	15	-	-
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	-	-
13	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0	-	-
14	Residual chlorine (RCl ₂)	IS 3025 - Part 26-1986	mg/L	0.2	0.2	1
15	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.24	-	-
	III.Bacteriological Examination			51229		
16	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....

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

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Customer Name and Address:	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP, Ottar Palayam Village, Annur.
Test Commenced on :	07.02.2025
Test Completed on :	08.02.2025
Test Report Date :	12.02.2025

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	River Bhavani
Location :	Clear Water 196 MLD WTP, Annur
Sample drawn by/Date :	Customer/07.02.2025
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	Sample No.51228 Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	pH at 25 ° C	IS 3025 - Part 11 - 198323-1983	-	6.8	6.5-8.5	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025 - Part 23-1986	mg/L	20	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	26	250	1000
5	Sulphate as SO ₄	IS 3025 - Part 24-1986	mg/L	11	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

Note:

Contd...

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Email: twadlabcb@gmail.com

TEST REPORT

Sample Receipt No./Date:	51287 - 51288
Invoice Details:	9156/Dt.19.02.2025/ Amt.1652/-
Customer Name and Address:	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP, Ottar Palayam Village, Annur.
Test Commenced on :	19.02.2025
Test Completed on :	20.02.2025
Test Report Date :	24.02.2025

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	River Bhavani
Location :	Clear Water 196 MLD WTP, Annur
Sample drawn by/Date :	Customer/19.02.2025
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.51287 Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	1	1	5
2	Total Dissolved Soilds	APHA 23rd Edition 2017 - 2540 C	mg/L	107	500	2000
3	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	μS/cm	158	-	-
	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	4	30	100
7	Sodium as Na	APHA 23rd Edition 3500 Na B	mg/L	15	-	-
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	-	-
13	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0	-	-
14	Residual chlorine (RCl ₂)	IS 3025 - Part 26-1986	mg/L	0.2	0.2	1
15	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.24	-	-
	III.Bacteriological Examination			51288		
16	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

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TEST REPORT

Sample Receipt No/Date:	51287 - 51288
Invoice Details:	9156/Dt.19.02.2025/ Amt.1652/-
Customer Name and Address:	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP, Ottar Palayam Village, Annur.
Test Commenced on :	19.02.2025
Test Completed on :	20.02.2025
Test Report Date :	24.02.2025

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	River Bhavani
Location :	Clear Water 196 MLD WTP, Annur
Sample drawn by/Date :	Customer/19.02.2025
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	Sample No.51287 Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	pH at 25 °C	IS 3025 - Part 11 - 198323-1983	-	7.1	6.5-8.5	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025 - Part 23-1986	mg/L	20	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	25	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 - 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

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Phone: 0422 - 2437863

Email: twadlabce@gmail.com

TEST REPORT

Sample Receipt No/Date:	51414 - 51415
Invoice Details:	9187/Dt.03.03.2025/ Amt.1652/-
Customer Name and Address:	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP,
Test Commenced on :	03.03.2025
Test Completed on :	04.03.2025
Test Report Date :	07.03.2025

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	River Bhavani
Location :	Clear Water 196 MLD WTP, Annur
Sample drawn by/Date :	Customer/03.03.2025
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.51414 Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	1	1	5
2	Total Dissolved Soilds	APHA 23rd Edition 2017 - 2540 C	mg/L	107	500	2000
3	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	157	-	-
	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	4	30	100
7	Sodium as Na	APHA 23rd Edition 3500 Na B	mg/L	15	-	-
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	-	-
13	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0	-	-
14	Residual chlorine (RCl ₂)	IS 3025 - Part 26-1986	mg/L	0.2	0.2	1
15	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.24	-	-
	III.Bacteriological Examination			51415		
16	Feecal 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: twadlabcbce@gmail.com

TEST REPORT

Sample Receipt No/Date:	51414 - 51415					
Invoice Details:	9187/Dt.03.03.2025/ Amt.1652/-					
Customer Name and Address:	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP, Ottar Palayam Village, Annur.					
Test Commenced on :	03.03.2025					
Test Completed on :	04.03.2025					
Test Report Date :	07.03.2025					
SAMPLE DETAILS FURNISHED BY CUSTOMER						
Source :	River Bhavani					
Location :	Clear Water 196 MLD WTP, Annur					
Sample drawn by/Date :	Customer/03.03.2025					
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	Sample No.51414 Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	pH at 25 ° C	IS 3025 - Part 11 - 198323-1983	-	7.1	6.5-8.5	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025 - Part 23-1986	mg/L	20	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	32	250	1000
5	Sulphate as SO ₄	IS 3025 - Part 24-1986	mg/L	5	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017 - 34500 - NO2 B	mg/L	< 2.0	45	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500 F - D	mg/L	< 0.2	1	1.5

Contd...

Note:

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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:	51512 - 51513
Invoice Details:	9211/Dt.20.03.2025/ Amt.1652/- (Pt)
Customer Name and Address:	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP, Ottar Palayam Village, Annur.
Test Commenced on :	20.03.2025
Test Completed on :	21.03.2025
Test Report Date :	24.03.2025

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	River Bhavani
Location :	Clear Water 196 MLD WTP, Annur
Sample drawn by/Date :	Customer/20.03.2025
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	Sample No.51512 Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	pH at 25 ° C	IS 3025 - Part 11 - 198323-1983	-	7.1	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	34	200	600
4	Chloride as Cl	IS 3025 - Part 32-1988	mg/L	17	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 - 34500 - NO2 B	mg/L	19	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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DISTRICT WATER TESTING LABORATORY
 Twad Board, Siruvani Nagar Campus.,30, Bharathi Park Road,
 Coimbatore-641043.

Phone: 0422 - 2437863

Email: twadlabcb@gmail.com

TEST REPORT

Sample Receipt No./Date:	51512 - 51513					
Invoice Details:	9211/Dt.20.03.2025/ Amt.1652/- (Pt)					
Customer Name and Address:	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP, Ottar Palayam Village, Annur.					
Test Commenced on :	20.03.2025					
Test Completed on :	21.03.2025					
Test Report Date :	24.03.2025					
SAMPLE DETAILS FURNISHED BY CUSTOMER						
Source :	River Bhavani					
Location :	Clear Water 196 MLD WTP, Annur					
Sample drawn by/Date :	Customer/20.03.2025					
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.51512 Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	1	1	5
2	Total Dissolved Soilds	APHA 23rd Edition 2017 - 2540 C	mg/L	93	500	2000
3	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	136	-	-
	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	2	75	200
6	Magnicium as Mg	APHA 23rd Edition 3500 Mg B	mg/L	7	30	100
7	Sodium as Na	APHA 23rd Edition 3500 Na B	mg/L	13	-	-
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	-	-
13	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0	-	-
14	Residual chlorine (RCl ₂)	IS 3025 - Part 26-1986	mg/L	0.2	0.2	1
15	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.24	-	-
	III.Bacteriological Examination			51513		
16	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

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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

No. 30, Siruvani Nagar Campus, Bharathi Park Road,
Coimbatore – 641043. E-mail: twadlabce@gmail.com, Phone: 0422-2437863

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 51620-1	Report Issue Date :	08.04.2025	Page No : 1 of 1
Invoice Details:	9232/Dt.03.04.2025/Amt.1652/-	ULR No : - NA -		

Client Name & Address		: M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP,				
Contact No / Email.ID		Ottarpalayam Village, Annur.				
Sample / Lab No		2025/51620				
Sample Name		: Water - Drinking Water				
Sample Description		: Clear, Colorless, Liquid				
Sample Source		Surface Water (River Bhavani)				
Sample Submitted by		: Customer				
Location & Date		: Clear Water 196 MLD WTP, Annur & 03.04.2025				
Sample Container		: Plastic – Good Condition				
Quantity of Sample Received		: 2 Litre	Sample Condition on Receipt	:	Good	
Sample Received on		: 03.04.2025	Environmental Condition Temp °C	:	23 – 27 °C	
Test Commenced on		: 03.04.2025	Test Completed on	:	04.04.2025	
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	7.21	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	34	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	12	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	34	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	6	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	3	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	< 0.2	1.0	1.5

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Acceptable Limit specification with respect to above tested parameters.

---End of Report----

Reviewed and Authorized by
P. Gopalakrishnan, District Water Analyst
Coimbatore

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4. The result applied to the sample as received basis.

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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

No. 30, Siruvani Nagar Campus, Bharathi Park Road,

Coimbatore – 641043. E-mail: twadlabcbce@gmail.com, Phone: 0422-2437863

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 51620-2	Report Issue Date :	08.04.2025	Page No : 2 of 1
Invoice Details:	9232/Dt.03.04.2025/Amt.1652/-			

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1		
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	< 0.2	0.2	1.0
Bacteriological Test						
1	Fecal coliform	CFU / 100 ml	APHA 23 rd Edition 2017 – 2130 B	Absent	Absent/ 100 mL	

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking water Acceptable Limit specification with respect to above tested parameters.

---End of Report----

09/04/2025
Assistant Water Analyst
Reviewed and Authorized by
P. Gopalan - Assistant Water Analyst

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4. The result applied to the sample as received basis.



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

No. 30, Siruvani Nagar Campus, Bharathi Park Road,
Coimbatore – 641043. E-mail: twadlabcbce@gmail.com, Phone: 0422-2437863

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 51748-1	Report Issue Date :	28.04.2025	Page No : 1 of 1
Invoice Details:	9273/Dt.23.04.2025/Amt.1652/-	ULR No : - NA -		

Client Name & Address	: M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP, Ottar Palayam Village, Annur.			
Contact No / Email.ID				
Sample / Lab No	2025/51748			
Sample Name	: Water - Drinking Water			
Sample Description	: Clear, Colorless, Liquid			
Sample Source	River Bhavani			
Sample Submitted by	: Customer			
Location & Date	: Clear Water 196 MLD WTP, Annur & 23.04.2025			
Sample Container	: Plastic – Good Condition			
Quantity of Sample Received	: 2 Litre	Sample Condition on Receipt	:	Good
Sample Received on	: 23.04.2025	Environmental Condition Temp °C	:	23 – 27 °C
Test Commenced on	: 23.04.2025	Test Completed on	:	24.04.2025

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	6.64	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	32	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	20	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	19	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	11	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	4	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	< 0.2	1.0	1.5

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Permissible Limit specification with respect to above tested parameters.

---End of Report----

Reviewed and Authorised by
P. Gopalan Assistant Water Analyst
TWAD Board, D.W.T.Lab,
Coimbatore

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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

No. 30, Siruvani Nagar Campus, Bharathi Park Road,

Coimbatore – 641043. E-mail: twadlabcbce@gmail.com, Phone: 0422-2437863

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 51748-2	Report Issue Date :	28.04.2025	Page No : 1 of 1
Invoice Details:	9273/Dt.23.04.2025/Amt.1652/-			

Client Name & Address	: M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,			
Contact No / Email.ID	Ottar Palayam Village, Annur.			
Sample / Lab No	2025/51748			
Sample Name	: Water - Drinking Water			
Sample Description	: Clear, Colorless, Liquid			
Sample Source	River Bhavani			
Sample Submitted by	: Customer			
Location & Date	: Clear Water 196 MLD WTP, Annur & 23.04.2025			
Sample Container	: Plastic – Good Condition			
Quantity of sample Received	: 2 Litre	Sample Condition on Receipt	:	Good
Sample Received On	: 23.04.2025	Environmental Condition Temp °C	:	23 – 27 °C
Test Commenced on	: 23.04.2025	Test Completed on	:	24.04.2025

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025: Part 10: 2023	1	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	91	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	134	--	--
4	P- Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	6	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	4	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	13	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	1	--	--

Reviewed and Authorised by
P. Gopalan, Assistant Water Analyst
TWAD Board, D.W.T.Lab,
Coimbatore

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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

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TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 51748-2 ✓	Report Issue Date :	28.04.2025 ✓	Page No : 2 of 1
Invoice Details:	9273/Dt.23.04.2025/Amt.1652/-			

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1		
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	0.2	0.2	1.0

Bacteriological Test

1	Fecal coliform	CFU / 100 ml	APHA 23 rd Edition 2017 – 2130 B	Absent ✓	Absent/ 100 mL
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Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking water Permissible Limit specification with respect to above tested parameters.

---End of Report-----

Reviewed and Authorised by
P. Gopalakrishnan, Assistant Water Analyst
TWAD Board, D.W.T. Lab,
Coimbatore

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4. The result applied to the sample as received basis.





TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

No. 30, Siruvani Nagar Campus, Bharathi Park Road,

Coimbatore – 641043. E-mail: twadlabcb@gmail.com, Phone: 0422-2437863

TEST REPORT

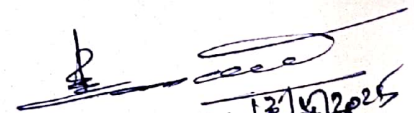
Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 51793-1	Report Issue Date :	13.05.2025	Page No : 1 of 1
Invoice Details:	9292/Dt.08.05.2025/Amt.1652/-	ULR No : - NA -		

Client Name & Address		: M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,				
Contact No / Email.ID		Ottar Palayam Village, Annur.				
Sample / Lab No		2025/51792				
Sample Name		: Water - Drinking Water				
Sample Description		: Clear, Colorless, Liquid				
Sample Source		: River Bhavani				
Sample Submitted by		: Customer				
Location & Date		: Clear Water 196 MLD WTP, Annur & 08.05.2025				
Sample Container		: Plastic – Good Condition				
Quantity of Sample Received		: 2 Litre	Sample Condition on Receipt		: Good	
Sample Received on		: 08.05.2025	Environmental Condition Temp °C		: 23 – 27 °C	
Test Commenced on		: 08.05.2025	Test Completed on		: 09.05.2025	
S.No	Parameters	Unit.	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	7.1	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	40	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	4	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	39	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	10	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	< 0.4	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	< 0.2	1.0	1.5

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible Limit in respect to above tested parameters.

---End of Report----


Assistant Water Analyst
Reviewed and Authorized By:
P. Gopalan - Assistant Water Analyst

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 1
Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 1





TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

No. 30, Siruvani Nagar Campus, Bharathi Park Road,

Coimbatore – 641043. E-mail: twadlabcbce@gmail.com, Phone: 0422-2437863

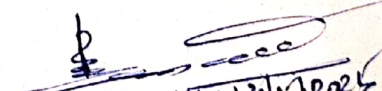
TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 51793-2	Report Issue Date :	13.05.2025	Page No : 1 of 1
Invoice Details:	9292/Dt.08.05.2025/Amt.1652/-			

Client Name & Address		: M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,		
Contact No / Email.ID		Ottar Palayam Village, Annur.		
Sample / Lab No		2025/51792		
Sample Name	:	Water - Drinking Water		
Sample Description	:	Clear, Colorless, Liquid		
Sample Source		River Bhavani		
Sample Submitted by	:	Customer		
Location & Date	:	Clear Water 196 MLD WTP, Annur & 08.05.2025		
Sample Container	:	Plastic – Good Condition		
Quantity of sample Received	:	2 Litre	Sample Condition on Receipt	: Good
Sample Received On	:	08.05.2025	Environmental Condition Temp °C	: 23 – 27 °C
Test Commenced on	:	08.05.2025	Test Completed on	: 09.05.2025

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025: Part 10: 2023	1	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	109	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	160	--	--
4	P- Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	8	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	5	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	15	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	1	--	--


Assistant Water Analyst
Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst

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3. The test items will not be retained for more than 15 days from the date of issue of the test report.
4. The result applied to the sample as received basis.





DISTRICT WATER TESTING LABORATORY

No. 30, Siruvani Nagar Campus, Bharathi Park Road,

Coimbatore – 641043. E-mail: twadlabcbce@gmail.com, Phone: 0422-2437863

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 51793-2	Report Issue Date :	13.05.2025	Page No : 2 of 1
Invoice Details:	9292/Dt.08.05.2025/Amt.1652/-			

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1		
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	0.2	0.2	1.0
Bacteriological Test						
1	Fecal coliform	CFU / 100 ml	APHA 23 rd Edition 2017 – 2130 B	Absent	Absent/ 100 mL	

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible Limit in respect to above tested parameters.

---End of Report----

Reviewed and Authorized by
P. Gopalan Assistant Water Analyst
Coimbatore

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	2 of 2
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TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 51867-1	Report Issue Date :	31.05.2025	Page No : 1 of 1
Invoice Details:	9324/Dt.30.05.2025/Amt.1652/-	ULR No : - NA -		

Client Name & Address	: M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP, Ottar Palayam Village, Annur.					
Contact No / Email.ID						
Sample / Lab No	2025/51867					
Sample Name	: Water - Drinking Water					
Sample Description	: Clear, Colorless, Liquid					
Sample Source	: River Bhavani					
Sample Submitted by	: Customer					
Location & Date	: Clear Water 196 MLD WTP, Annur & 30.05.2025					
Sample Container	: Plastic – Good Condition					
Quantity of Sample Received	: 2 Litre	Sample Condition on Receipt	:	Good		
Sample Received on	: 30.05.2025	Environmental Condition Temp °C	:	23 – 27 °C		
Test Commenced on	: 30.05.2025	Test Completed on	:	31.05.2025		

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	7.1 ✓	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	24 ✓	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	8 ✓	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	6 ✓	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	19 ✓	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	9 ✓	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	< 0.2 ✓	1.0	1.5

---End of Report----

Reviewed and Authorised by
P. Gopalakrishnan, Assistant Water Analyst
TWAD Board, D.W.T.Lab,
Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 1
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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

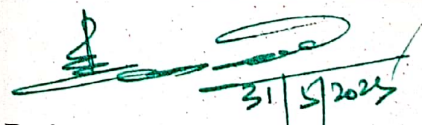
TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 51867-2	Report Issue Date :	31.05.2025	Page No : 1 of 1
Invoice Details:	9323/Dt.30.05.2025/Amt.3304/-(Pt)			

Client Name & Address		: M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,		
Contact No / Email.ID		Ottar Palayam Village, Annur.		
Sample / Lab No	:	2025/51867		
Sample Name	:	Water - Drinking Water		
Sample Description	:	Clear, Colorless, Liquid		
Sample Source	:	River Bhavani		
Sample Submitted by	:	Customer		
Location & Date	:	Clear Water 196 MLD WTP, Annur & 30.05.2025		
Sample Container	:	Plastic – Good Condition		
Quantity of sample Received	:	2 Litre	Sample Condition on Receipt	: Good
Sample Received On	:	30.05.2025	Environmental Condition Temp °C	: 23 – 27 °C
Test Commenced on	:	30.05.2025	Test Completed on	: 31.05.2025

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025: Part 10: 2023	< 0.5	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	63	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	93	--	--
4	P- Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	4	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	3	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	9	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	< 0.1	--	--


Reviewed and Authorised by
P. Gnanaprakasam, Assistant Water Analyst
TWAD Board, D.W.T. Lab,
Coimbatore

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 2
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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

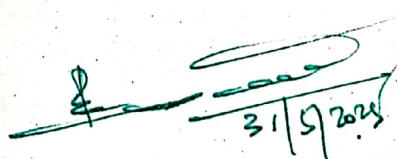
Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 51867-2	Report Issue Date :	31.05.2025	Page No : 2 of 1
Invoice Details:	9323/Dt.30.05.2025/Amt.3304/-(Pt)			

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1		
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	1 ✓	0.2	1.0
Bacteriological Test						
1	Fecal Coliform	CFU / 100 ml	APHA 23 rd Edition 2017 – 2130 B	Absent ✓	Absent/ 100 ml	

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible Limit in respect to above tested parameters.

---End of Report----


31/5/2025

Reviewed and Authorised by
P. Gopalan, Assistant Water Analyst
TWAD Board, D.W.T. Lab.
Coimbatore

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4. The result applied to the sample as received basis.



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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 51871-1	Report Issue Date :	09.06.2025	Page No : 1 of 1
Invoice Details:	9326/Dt.04.06.2025.2025/Amt.1652/-	ULR No : - NA -		

Client Name & Address		: M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,				
Contact No / Email.ID		Ottar Palayam Village, Annur.				
Sample / Lab No		2025/51871				
Sample Name	:	Water - Drinking Water				
Sample Description	:	Clear, Colorless, Liquid				
Sample Source	:	River Bhavani				
Sample Submitted by	:	Customer				
Location & Date	:	Clear Water 196 MLD WTP, Annur & 04.06.2025				
Sample Container	:	Plastic – Good Condition				
Quantity of Sample Received	:	2 Litre	Sample Condition on Receipt	:	Good	
Sample Received on	:	04.06.2025	Environmental Condition Temp °C	:	23 – 27 °C	
Test Commenced on	:	04.06.2025	Test Completed on	:	05.06.2025	
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	7.1	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	26	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	8	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	13	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	15	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	8	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 – SPADNS Method;	< 0.2	1.0	1.5

---End of Report----

[Signature]
09/06/2025

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, DM Lab,
Coimbatore

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 1
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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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 51871-2	Report Issue Date :	09.06.2025	Page No : 1 of 1
Invoice Details:	9326/Dt.04.06.2025.2025/Amt.1652/-			

Client Name & Address	: M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,			
Contact No / Email.ID	Ottar Palayam Village, Annur.			
Sample / Lab No	2025/51871			
Sample Name	: Water - Drinking Water			
Sample Description	: Clear, Colorless, Liquid			
Sample Source	River Bhavani			
Sample Submitted by	: Customer			
Location & Date	: Clear Water 196 MLD WTP, Annur & 04.06.2025			
Sample Container	: Plastic – Good Condition			
Quantity of sample Received	: 2 Litre	Sample Condition on Receipt	: Good	
Sample Received On	: 04.06.2025	Environmental Condition Temp °C	: 23 – 27 °C	
Test Commenced on	: 04.06.2025	Test Completed on	: 05.06.2025	

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025: Part 10: 2023	< 0.5 ✓	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	72 ✓	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	106 ✓	--	--
4	P- Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	5	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	3	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	10	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	1	--	--


Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, DWTL Lab,
Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 2
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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

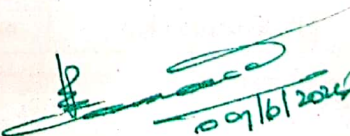
Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 51871-2	Report Issue Date :	09.06.2025	Page No : 2 of 1
Invoice Details:	9326/Dt.04.06.2025.2025/Amt.1652/-			

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1		
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	1	0.2	1.0
Bacteriological Test						
1	Fecal Coliform	CFU / 100 ml	APHA 23 rd Edition 2017 – 2130 B	Absent	Absent/ 100 ml	

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible Limit in respect to above tested parameters.

---End of Report----


09/06/2025

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, DWTL Lab,
Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	2 of 2
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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

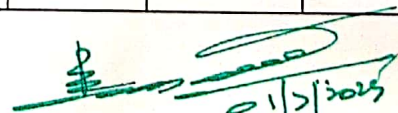
Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 51986-1	Report Issue Date :	01.07.2025	Page No : 1 of 1
Invoice Details:	9356/Dt.25.06.2025/Amt.1652/-	ULR No : - NA -		

Client Name & Address	M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,			
Contact No / Email.ID	Ottar Palayam Village, Annur.			
Sample / Lab No	:	2025/51986		
Sample Name	:	Water - Drinking Water		
Sample Description	:	Clear, Colorless, Liquid		
Sample Source	:	River Bhavani		
Sample Submitted by	:	Customer		
Location & Date	:	Clear Water 196 MLD WTP, Annur & 25.06.2025		
Sample Container	:	Plastic – Good Condition		
Quantity of Sample Received	:	2 Litre	Sample Condition on Receipt	: Good
Sample Received on	:	25.06.2025	Environmental Condition Temp °C	: 23 – 27 °C
Test Commenced on	:	25.06.2025	Test Completed on	: 26.06.2025

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	6.9	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	20	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	14	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	10	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	7	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	3	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	< 0.2	1.0	1.5

---End of Report----


Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, Siruvani Nagar,
Coimbatore

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 1
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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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 51986 - 2	Report Issue Date :	01.07.2025	Page No : 1 of 1
Invoice Details:	9356/Dt.25.06.2025/Amt.1652/-			

Client Name & Address	M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,		
Contact No / Email.ID	Ottar Palayam Village, Annur.		
Sample / Lab No	:	2025/51986	
Sample Name	:	Water - Drinking Water	
Sample Description	:	Clear, Colorless, Liquid	
Sample Source	:	River Bhavani	
Sample Submitted by	:	Customer	
Location & Date	:	Clear Water 196 MLD WTP, Annur & 25.06.2025	
Sample Container	:	Plastic – Good Condition	
Quantity of sample Received	:	2 Litre	Sample Condition on Receipt : Good
Sample Received On	:	25.06.2025	Environmental Condition Temp °C : 23 – 27 °C
Test Commenced on	:	25.06.2025	Test Completed on : 26.06.2025

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025: Part 10: 2023	1	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	52	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	76	--	--
4	P- Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	6	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	2	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	7	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	< 0.1	--	--


Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, Siruvani Nagar,
Coimbatore

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 2
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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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 51986 - 2	Report Issue Date :	01.07.2025	Page No : 2 of 1
Invoice Details:	9356/Dt.25.06.2025/Amt.1652/-			

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1		
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	0.2	0.2	1.0.
Bacteriological Test						
1	Fecal Coliform	CFU / 100 ml	APHA 23 rd Edition 2017 – 2130 B	Absent	Absent/ 100 ml	

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible Limit in respect to above tested parameters.

---End of Report-----


Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, D.W.T.Lab.
Coimbatore

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	2 of 2
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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



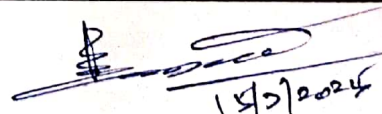
TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52062-1	Report Issue Date :	15.07.2025	Page No : 1 of 1
Invoice Details:	9379/Dt.09.07.2025/ Amt.1652/-	ULR No : - NA -		

Client Name & Address		M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP,				
Contact No / Email.ID		Ottar Palayam Village, Annur.				
Sample / Lab No	:	2025/52062				
Sample Name	:	Water - Drinking Water				
Sample Description	:	Clear, Colorless, Liquid				
Sample Source	:	River Bhavani				
Sample Submitted by	:	Customer				
Location & Date	:	Clear Water Reservoir 196 MLD WTP, Annur & 09.07.2025				
Sample Container	:	Plastic – Good Condition				
Quantity of Sample Received	:	2 Litre	Sample Condition on Receipt	:	Good	
Sample Received on	:	09.07.2025	Environmental Condition Temp °C	:	23 – 27 °C	
Test Commenced on	:	09.07.2025	Test Completed on	:	10.07.2025	
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	7.1	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	14	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	10	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	5	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	5	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	2	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	<0.2	1.0	1.5

---End of Report----


Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 1
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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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52062 - 2	Report Issue Date :	15.07.2025	Page No : 1 of 1
Invoice Details:	9379/Dt.09.07.2025/ Amt.1652/-			

Client Name & Address	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP,		
Contact No / Email.ID	Ottar Palayam Village, Annur.		
Sample / Lab No	:	2025/52062	
Sample Name	:	Water - Drinking Water	
Sample Description	:	Clear, Colorless, Liquid	
Sample Source	:	River Bhavani	
Sample Submitted by	:	Customer	
Location & Date	:	Clear Water Reservoir 196 MLD WTP, Annur & 09.07.2025	
Sample Container	:	Plastic – Good Condition	
Quantity of sample Received	:	2 Litre	Sample Condition on Receipt : Good
Sample Received On	:	09.07.2025	Environmental Condition Temp °C : 23 – 27 °C
Test Commenced on	:	09.07.2025	Test Completed on : 10.07.2025

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025: Part 10: 2023	< 0.5	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	35	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	51	--	--
4	P- Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	2	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	2	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	5	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	< 0.1	--	--

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst

Assistant Water Analyst

TWAD Board, Siruvani Nagar,
Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 2
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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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52062 - 2	Report Issue Date :	15.07.2025	Page No : 2 of 1
Invoice Details:	9379/Dt.09.07.2025/ Amt.1652/-			

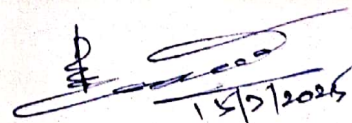
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1		
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24 ✓	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	0.2	0.2	1.0

Bacteriological Test

1	Fecal Coliform	CFU / 100 ml	APHA 23 rd Edition 2017 – 2130 B	Absent ✓	Absent/ 100 ml
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Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible Limit in respect to above tested parameters. ✓

---End of Report---


15/7/2025

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
Tamil Nadu Water Supply and Drainage Board, 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



TC-15968

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52119-1	Report Issue Date :	30.07.2025	Page No : 1 of 1
Invoice Details:	9398/Dt.23.07.2025/ Amt.1652/-	ULR No : - NA -		

Client Name & Address	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP,			
Contact No / Email.ID	Ottar Palayam Village, Annur.			
Sample / Lab No	:	2025/52119		
Sample Name	:	Water - Drinking Water		
Sample Description	:	Clear, Colorless, Liquid		
Sample Source	:	River Bhavani		
Sample Submitted by	:	Customer		
Location & Date	:	Clear Water 196 MLD WTP, Annur & 23.07.2025		
Sample Container	:	Plastic – Good Condition		
Quantity of Sample Received	:	2 Litre	Sample Condition on Receipt	: Good
Sample Received on	:	23.07.2025	Environmental Condition Temp °C	: 23 – 27 °C
Test Commenced on	:	23.07.2025	Test Completed on	: 24.07.2025

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	6.8	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	16	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	12	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	6	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	< 5.0	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	2	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 – SPADNS Method;	< 0.2	1.0	1.5

---End of Report----

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, Siruvani Nagar Campus.,
Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 1
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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: twadlabcebe@gmail.com

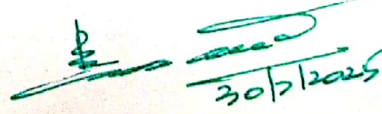
TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52119 - 2	Report Issue Date :	30.07.2025	Page No : 1 of 1
Invoice Details:	9398/Dt.23.07.2025/ Amt.1652/-			

Client Name & Address	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP,		
Contact No / Email.ID	Ottar Palayam Village, Annur.		
Sample / Lab No	:	2025/52119	
Sample Name	:	Water - Drinking Water	
Sample Description	:	Clear, Colorless, Liquid	
Sample Source	:	River Bhavani	
Sample Submitted by	:	Customer	
Location & Date	:	Clear Water 196 MLD WTP, Annur & 23.07.2025	
Sample Container	:	Plastic – Good Condition	
Quantity of sample Received	:	2 Litre	Sample Condition on Receipt : Good
Sample Received On	:	23.07.2025	Environmental Condition Temp °C : 23 – 27 °C
Test Commenced on	:	23.07.2025	Test Completed on : 24.07.2025

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025: Part 10: 2023	< 0.5	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	36	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	52	--	--
4	P- Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	3	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	2	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	5	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	< 0.1	--	--


Reviewed and Authorised by
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Assistant Water Analyst
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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 2
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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
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Phone: 0422 - 2437863

E-mail: twadlabce@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52119 - 2	Report Issue Date :	30.07.2025	Page No : 2 of 1
Invoice Details:	9398/Dt.23.07.2025/ Amt.1652/-			

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	0.2	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1		
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	0.2	0.2	1.0
Bacteriological Test						
1	Fecal Coliform	CFU / 100 ml	APHA 23 rd Edition 2017 – 2130 B	Absent	Absent/ 100 ml	

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible Limit in respect to above tested parameters.

---End of Report----


Reviewed and Authorised by
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Assistant Water Analyst
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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	2 of 2
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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



TC-15968

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52140-1	Report Issue Date :	12.08.2025	Page No : 1 of 1
Invoice Details:	9409/Dt.06.08.2025/ Amt.1652/-(Pt)	ULR No : - NA -		

Client Name & Address		M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP,				
Contact No / Email.ID		Ottar Palayam Village, Annur.				
Sample / Lab No	:	2025/52140				
Sample Name	:	Water - Drinking Water				
Sample Description	:	Clear, Colorless, Liquid				
Sample Source	:	River Bhavani				
Sample Submitted by	:	Customer				
Location & Date	:	Clear Water 196 MLD WTP, Annur & 06.08.2025				
Sample Container	:	Plastic – Good Condition				
Quantity of Sample Received	:	2 Litre	Sample Condition on Receipt		:	Good
Sample Received on	:	06.08.2025	Environmental Condition Temp °C		:	23 – 27 °C
Test Commenced on	:	06.08.2025	Test Completed on		:	07.08.2025
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	6.8	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	42	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	36	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	20	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	6	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	4	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	< 0.2	1.0	1.5

---End of Report----

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Assistant Water Analyst
Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 1
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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
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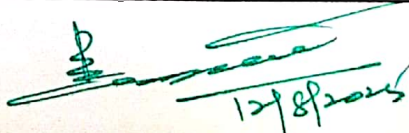
E-mail: twadlabcb@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52140 - 2	Report Issue Date :	12.08.2025	Page No : 1 of 1
Invoice Details:	9409/Dt.06.08.2025/ Amt.1652/-			

Client Name & Address		: M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP,				
Contact No / Email.ID		: Ottar Palayam Village, Annur.				
Sample / Lab No		:	2025/52140			
Sample Name		:	Water - Drinking Water			
Sample Description		:	Clear, Colorless, Liquid			
Sample Source		:	River Bhavani			
Sample Submitted by		:	Customer			
Location & Date		:	Clear Water 196 MLD WTP, Annur & 06.08.2025			
Sample Container		:	Plastic – Good Condition			
Quantity of sample Received		:	2 Litre	Sample Condition on Receipt	:	Good
Sample Received On		:	06.08.2025	Environmental Condition Temp °C	:	23 – 27 °C
Test Commenced on		:	06.08.2025	Test Completed on	:	07.08.2025
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025: Part 10: 2023	< 0.5	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	58	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	86	--	--
4	P- Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	4	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	3	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	8	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	< 0.1	--	--


12/8/2025

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P. Gopalan - Assistant Water Analyst

Assistant Water Analyst
TWAD Board, L.V.P. Lab,
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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 2
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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
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Phone: 0422 - 2437863

E-mail: twadlabce@gmail.com

TEST REPORT

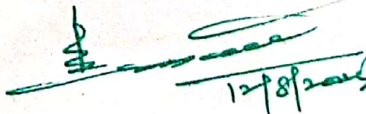
Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52140 - 2	Report Issue Date :	12.08.2025	Page No : 2 of 1
Invoice Details:	9409/Dt.06.08.2025/ Amt.1652/-			

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1		
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	0.5	0.2	1.0
Bacteriological Test						
1	Fecal Coliform	CFU / 100 ml	APHA 23 rd Edition 2017 – 2130 B	Absent	Absent/ 100 ml	

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible Limit in respect to above tested parameters.

---End of Report----


12/8/2025

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst

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

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	2 of 2
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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

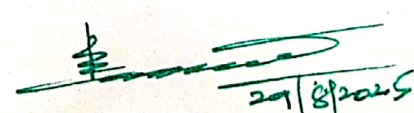
**TEST REPORT**

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52198 -1	Report Issue Date :	29.08.2025	Page No : 1 of 1
Invoice Details:	9433/Dt.25.08.2025/ Amt.1652/-	ULR No : - NA -		

Client Name & Address		M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,				
Contact No / Email.ID		Ottar Palayam Village, Annur.				
Sample / Lab No	:	2025/52198				
Sample Name	:	Water - Drinking Water				
Sample Description	:	Clear, Colorless, Liquid				
Sample Source	:	River Bhavani				
Sample Submitted by	:	Customer				
Location & Date	:	Clear Water 196 MLD WTP, Annur & 25.08.2025				
Sample Container	:	Plastic – Good Condition				
Quantity of Sample Received	:	2 Litre	Sample Condition on Receipt	:	Good	
Sample Received on	:	25.08.2025	Environmental Condition Temp °C	:	23 – 27 °C	
Test Commenced on	:	25.08.2025	Test Completed on	:	26.08.2025	
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	6.8	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	18	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	16	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	6	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	6	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	4	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	< 0.2	1.0	1.5

---End of Report----


Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, D.W.T. Lab,
Coimbatore

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 1
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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

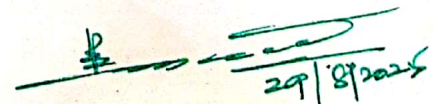
E-mail: twadlabce@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52198 - 2	Report Issue Date :	29.08.2025	Page No : 1 of 1
Invoice Details:	9433/Dt.25.08.2025/ Amt.1652/-			

Client Name & Address		M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,				
Contact No / Email.ID		Ottar Palayam Village, Annur.				
Sample / Lab No	:	2025/52198				
Sample Name	:	Water - Drinking Water				
Sample Description	:	Clear, Colorless, Liquid				
Sample Source	:	River Bhavani				
Sample Submitted by	:	Customer				
Location & Date	:	Clear Water 196 MLD WTP, Annur & 25.08.2025				
Sample Container	:	Plastic – Good Condition				
Quantity of sample Received	:	2 Litre	Sample Condition on Receipt	:	Good	
Sample Received On	:	25.08.2025	Environmental Condition Temp °C	:	23 – 27 °C	
Test Commenced on	:	25.08.2025	Test Completed on	:	26.08.2025	
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025: Part 10: 2023	< 0.5	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	50	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	73	--	--
4	P- Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	3	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	2	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	7	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	< 0.1	--	--


29/8/2025

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 2
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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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52198 - 2	Report Issue Date :	29.08.2025	Page No : 2 of 1
Invoice Details:	9433/Dt.25.08.2025/ Amt.1652/-			

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1		
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	1	0.2	1.0
Bacteriological Test						
1	Fecal Coliform	CFU / 100 ml	APHA 23 rd Edition 2017 - 2130 B	Absent	Absent/ 100 ml	

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible Limit in respect to above tested parameters.

---End of Report----

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Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, Siruvani Nagar,
Coimbatore

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	2 of 2
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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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52214 - 2	Report Issue Date :	08.09.2025	Page No : 1 of 1
Invoice Details:	9444/Dt.02.09.2025/ Amt.1652/-			

Client Name & Address	M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,					
Contact No / Email.ID	Ottar Palayam Village, Annur.					
Sample / Lab No	:	2025/52214				
Sample Name	:	Water - Drinking Water				
Sample Description	:	Clear, Colorless, Liquid				
Sample Source	:	River Bhavani				
Sample Submitted by	:	Customer				
Location & Date	:	Clear Water 196 MLD WTP, Annur & 02.09.2025				
Sample Container	:	Plastic – Good Condition				
Quantity of sample Received	:	2 Litre	Sample Condition on Receipt	:	Good	
Sample Received On	:	02.09.2025	Environmental Condition Temp °C	:	23 – 27 °C	
Test Commenced on	:	02.09.2025	Test Completed on	:	03.09.2025	

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025: Part 10: 2023	< 0.5	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	36	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	52	--	--
4	P- Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	3	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	2	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	5	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	< 0.1	--	--


08/9/2025

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 2
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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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52214 - 2	Report Issue Date :	08.09.2025	Page No : 2 of 1
Invoice Details:	9444/Dt.02.09.2025/ Amt.1652/-			

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1		
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	0.5	0.2	1.0
Bacteriological Test						
1	Fecal Coliform	CFU / 100 ml	APHA 23 rd Edition 2017 – 2130 B	Absent	Absent/ 100 ml	

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible Limit in respect to above tested parameters.

---End of Report----

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst

(Signature)
 08/9/2025
Assistant Water Analyst
 TWAD Board, D.W.T. Lab,
 Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	2 of 2
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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY

TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
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TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52214 -1	Report Issue Date :	08.09.2025	Page No : 1 of 1
Invoice Details:	9444/Dt.02.09.2025/ Amt.1652-	ULR No : - NA -		

Client Name & Address		M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,				
Contact No / Email.ID		Ottar Palayam Village, Annur.				
Sample / Lab No	:	2025/52214				
Sample Name	:	Water - Drinking Water				
Sample Description	:	Clear, Colorless, Liquid				
Sample Source	:	River Bhavani				
Sample Submitted by	:	Customer				
Location & Date	:	Clear Water 196 MLD WTP, Annur & 02.09.2025				
Sample Container	:	Plastic – Good Condition				
Quantity of Sample Received	:	2 Litre	Sample Condition on Receipt	:	Good	
Sample Received on	:	02.09.2025	Environmental Condition Temp °C	:	23 – 27 °C	
Test Commenced on	:	02.09.2025	Test Completed on	:	03.09.2025	
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	6.8	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	16	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	12	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	4	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	6	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	3	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	< 0.2	1.0	1.5

---End of Report----

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, Siruvani Nagar Campus.,
Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 1
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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



TC-15968

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52307 -1	Report Issue Date :	29.09.2025	Page No : 1 of 1
Invoice Details:	9469/Dt.23.09.2025/ Amt.1652/-	ULR No : - NA -		

Client Name & Address		M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,				
Contact No / Email.ID		Ottar Palayam Village, Annur.				
Sample / Lab No	:	2025/52307				
Sample Name	:	Water - Drinking Water				
Sample Description	:	Clear, Colorless, Liquid				
Sample Source	:	River Bhavani				
Sample Submitted by	:	Customer				
Location & Date	:	Clear Water 196 MLD WTP, Annur & 23.09.2025				
Sample Container	:	Plastic – Good Condition				
Quantity of Sample Received	:	2 Litre	Sample Condition on Receipt	:	Good	
Sample Received on	:	23.09.2025	Environmental Condition Temp °C	:	23 – 27 °C	
Test Commenced on	:	23.09.2025	Test Completed on	:	24.09.2025	
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	6.7	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	18	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	16	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	8	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	< 5.0	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	3	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	< 0.2	1.0	1.5

---End of Report----

Reviewed and Authorised by

P. Gopalan - Assistant Water Analyst

Assistant Water Analyst

TWAD Board, Siruvani Nagar Campus,
Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 1
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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

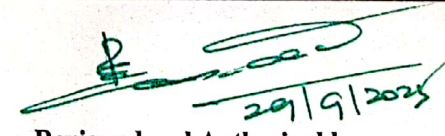
E-mail: twadlabcb@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52307 - 2	Report Issue Date :	29.09.2025	Page No : 1 of 1
Invoice Details:	9469/Dt.23.09.2025/ Amt.1652/-			

Client Name & Address		M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,				
Contact No / Email.ID		Ottar Palayam Village, Annur.				
Sample / Lab No	:	2025/52307				
Sample Name	:	Water - Drinking Water				
Sample Description	:	Clear, Colorless, Liquid				
Sample Source	:	River Bhavani				
Sample Submitted by	:	Customer				
Location & Date	:	Clear Water 196 MLD WTP, Annur & 23.09.2025				
Sample Container	:	Plastic – Good Condition				
Quantity of sample Received	:	2 Litre	Sample Condition on Receipt	:	Good	
Sample Received On	:	23.09.2025	Environmental Condition Temp °C	:	23 – 27 °C	
Test Commenced on	:	23.09.2025	Test Completed on	:	24.09.2025	
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025: Part 10: 2023	< 0.5	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	48	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	70	--	--
4	P- Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	3	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	2	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	7	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	< 0.1	--	--


Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, DWTL Lab,
Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 2
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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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52307 - 2	Report Issue Date :	29.09.2025	Page No : 2 of 1
Invoice Details:	9469/Dt.23.09.2025/ Amt.1652/-			

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1		
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	0.5	0.2	1.0
Bacteriological Test						
1	Fecal Coliform	CFU / 100 ml	APHA 23 rd Edition 2017 – 2130 B	Absent	Absent/ 100 ml	

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible Limit in respect to above tested parameters.

---End of Report----


29/9/2025

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
 Assistant Water Analyst
 TWAD Board, Siruvani Nagar,
 Coimbatore

1. The test results relate only to the items tested.
2. The test report shall not be reproduced anywhere except in full and in the same format without the permission of the Laboratory.
3. The test items will not be retained for more than 15 days from the date of issue of the test report.
4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	2 of 2
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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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52330 - 2	Report Issue Date :	10.10.2025	Page No : 2 of 1
Invoice Details:	9479/Dt.07.10.2025/ Amt.1652/-			

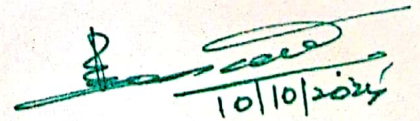
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1		
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	0.5	0.2	1.0

Bacteriological Test

1	Fecal Coliform	CFU / 100 ml	APHA 23 rd Edition 2017 – 2130 B	Absent	Absent/ 100 ml
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Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible Limit in respect to above tested parameters.

---End of Report----


10/10/2024

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Division of the DWTL Board,
Coimbatore

1. The test results relate only to the items tested.
2. The test report shall not be reproduced anywhere except in full and in the same format without the written permission of the DWTL Board.
3. The test items will not be retained for more than 15 days from the date of issue of the test report.
4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	2 of 2
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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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52330 - 2	Report Issue Date :	10.10.2025	Page No : 1 of 1
Invoice Details:	9479/Dt.07.10.2025/ Amt.1652/-			

Client Name & Address	: M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,		
Contact No / Email.ID	: Ottar Palayam Village, Annur.		
Sample / Lab No	:	2025/52330	
Sample Name	:	Water - Drinking Water	
Sample Description	:	Clear, Colorless, Liquid	
Sample Source	:	River Bhavani	
Sample Submitted by	:	Customer	
Location & Date	:	Clear Water 196 MLD WTP, Annur & 07.10.2025	
Sample Container	:	Plastic – Good Condition	
Quantity of sample Received	:	2 Litre	Sample Condition on Receipt : Good
Sample Received On	:	06.10.2025	Environmental Condition Temp °C : 23 – 27 °C
Test Commenced on	:	06.10.2025	Test Completed on : 07.10.2025

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025: Part 10: 2023	< 0.5	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	45	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	66	--	--
4	P- Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	3	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	2	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	6	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	< 0.1	--	--


10/10/2025

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, DWTL Lab,
Coimbatore

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2. The test report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.
3. The test items will not be retained for more than 15 days from the date of issue of the test report.
4. The result applied to the sample as received basis.





**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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52330 -1	Report Issue Date :	10.10.2025	Page No : 1 of 1
Invoice Details:	9479/Dt.07.10.2025/ Amt.1652/-	ULR No : - NA -		

Client Name & Address		M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,				
Contact No / Email.ID		Ottar Palayam Village, Annur.				
Sample / Lab No		:	2025/52330			
Sample Name		:	Water - Drinking Water			
Sample Description		:	Clear, Colorless, Liquid			
Sample Source		:	River Bhavani			
Sample Submitted by		:	Customer			
Location & Date		:	Clear Water 196 MLD WTP, Annur & 07.10.2025			
Sample Container		:	Plastic – Good Condition			
Quantity of Sample Received		:	2 Litre	Sample Condition on Receipt	:	Good
Sample Received on		:	07.10.2025	Environmental Condition Temp °C	:	23 – 27 °C
Test Commenced on		:	07.10.2025	Test Completed on	:	08.10.2025
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	6.8	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	18	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	14	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	8	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	< 5.0	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	2	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	< 0.2	1.0	1.5

---End of Report----

[Signature]
10/10/2025
Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
Tamil Nadu Water Supply and Drainage Board,
Coimbatore

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 1
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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

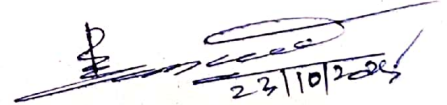
E-mail: twadlabcbce@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52376 - 2	Report Issue Date :	23.10.2025	Page No : 1 of 1
Invoice Details:	9500/Dt.17.10.2025/ Amt.1652/-			

Client Name & Address		M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP,				
Contact No / Email.ID		Ottar Palayam Village, Annur.				
Sample / Lab No	:	2025/52376				
Sample Name	:	Water - Drinking Water				
Sample Description	:	Clear, Colorless, Liquid				
Sample Source	:	River Bhavani				
Sample Submitted by	:	Customer				
Location & Date	:	Clear Water 196 MLD WTP, Annur & 17.10.2025				
Sample Container	:	Plastic – Good Condition				
Quantity of sample Received	:	2 Litre	Sample Condition on Receipt	:	Good	
Sample Received On	:	17.10.2025	Environmental Condition Temp °C	:	23 – 27 °C	
Test Commenced on	:	17.10.2025	Test Completed on	:	18.10.2025	
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025: Part 10: 2023	< 0.5	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	75	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	111	--	--
4	P- Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	6	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	4	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	11	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	1	--	--


23/10/2025

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 2
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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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52376 - 2	Report Issue Date :	23.10.2025	Page No : 2 of 1
Invoice Details:	9500/Dt.17.10.2025/ Amt.1652/-			

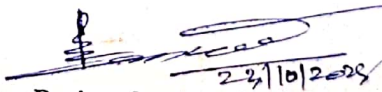
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1		
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	0.5	0.2	1.0

Bacteriological Test

1	Fecal Coliform	CFU / 100 ml	APHA 23 rd Edition 2017 – 2130 B	Absent	Absent/ 100 ml
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Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible Limit in respect to above tested parameters.

---End of Report----


 23/10/2025
 Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
 Assistant Water Analyst
 TWAD Board, Siruvani Nagar,
 Coimbatore

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	2 of 2
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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



TC-15968

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52376 -1	Report Issue Date :	23.10.2025	Page No : 1 of 1
Invoice Details:	9501/Dt.17.10.2025/ Amt.1652/-	ULR No : - NA -		

Client Name & Address	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP,		
Contact No / Email.ID	Ottar Palayam Village, Annur.		
Sample / Lab No	:	2025/52376	
Sample Name	:	Water - Drinking Water	
Sample Description	:	Clear, Colorless, Liquid	
Sample Source	:	River Bhavani	
Sample Submitted by	:	Customer	
Location & Date	:	Clear Water 196 MLD WTP, Annur & 17.10.2025	
Sample Container	:	Plastic – Good Condition	
Quantity of Sample Received	:	2 Litre	Sample Condition on Receipt : Good
Sample Received on	:	17.10.2025	Environmental Condition Temp °C : 23 -- 27 °C
Test Commenced on	:	17.10.2025	Test Completed on : 18.10.2025

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	6.8	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	30	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	20	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	19	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	11	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	6	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	< 0.2	1.0	1.5

---End of Report----

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, Siruvani Nagar,
Coimbatore

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 1
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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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52427 -1	Report Issue Date :	10.11.2025	Page No : 1 of 1
Invoice Details:	9522/Dt.04.11.2025/ Amt.1652/-	ULR No : - NA -		

Client Name & Address	M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,			
Contact No / Email.ID	Ottar Palayam Village, Annur.			
Sample / Lab No	:	2025/52427		
Sample Name	:	Water - Drinking Water		
Sample Description	:	Clear, Colorless, Liquid		
Sample Source	:	River Bhavani		
Sample Submitted by	:	Customer		
Location & Date	:	Clear Water 196 MLD WTP, Annur & 04.11.2025		
Sample Container	:	Plastic – Good Condition		
Quantity of Sample Received	:	2 Litre	Sample Condition on Receipt	: Good
Sample Received on	:	04.11.2025	Environmental Condition Temp °C	: 23 – 27 °C
Test Commenced on	:	04.11.2025	Test Completed on	: 05.11.2025

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	6.8	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	26	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	24	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	9	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	5	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	4	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	< 0.2	1.0	1.5

---End of Report----

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst

Assistant Water Analyst
TWAD Board, Siruvani Nagar Campus,
Coimbatore

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 1
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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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52427 - 2	Report Issue Date :	10.11.2025	Page No : 1 of 1
Invoice Details:	9522/Dt.04.11.2025/ Amt.1652/-			

Client Name & Address		M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,				
Contact No / Email.ID		Ottar Palayam Village, Annur.				
Sample / Lab No	:	2025/52427				
Sample Name	:	Water - Drinking Water				
Sample Description	:	Clear, Colorless, Liquid				
Sample Source	:	River Bhavani				
Sample Submitted by	:	Customer				
Location & Date	:	Clear Water 196 MLD WTP, Annur & 04.11.2025				
Sample Container	:	Plastic – Good Condition				
Quantity of sample Received	:	2 Litre	Sample Condition on Receipt	:	Good	
Sample Received On	:	04.11.2025	Environmental Condition Temp °C	:	23 – 27 °C	
Test Commenced on	:	04.11.2025	Test Completed on	:	05.11.2025	
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025: Part 10: 2023	< 0.5	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	63	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	92	--	--
4	P- Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	5	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	3	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	9	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	< 0.1	--	--

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst

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

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 2
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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

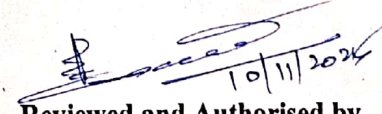
Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52427 - 2	Report Issue Date :	10.11.2025	Page No : 2 of 1
Invoice Details:	9522/Dt.04.11.2025/ Amt.1652/-			

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1		
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	0.5	0.2	1.0
Bacteriological Test						
1	Fecal Coliform	CFU / 100 ml	APHA 23 rd Edition 2017 – 2130 B	Absent	Absent/ 100 ml	

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible Limit in respect to above tested parameters.

---End of Report----


Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
Coimbatore

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	2 of 2
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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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52501 -1	Report Issue Date :	27.11.2025	Page No : 1 of 1
Invoice Details:	9556/Dt.25.11.2025/ Amt.1652/-	ULR No : - NA -		

Client Name & Address		M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP, Ottar Palayam Village, Annur.				
Contact No / Email.ID						
Sample / Lab No	:	2025/52501				
Sample Name	:	Water - Drinking Water				
Sample Description	:	Clear, Colorless, Liquid				
Sample Source	:	River Bhavani				
Sample Submitted by	:	Customer				
Location & Date	:	Clear Water 196 MLD WTP, Annur & 25.11.2025				
Sample Container	:	Plastic – Good Condition				
Quantity of Sample Received	:	2 Litre	Sample Condition on Receipt	:	Good	
Sample Received on	:	25.11.2025	Environmental Condition Temp °C	:	23 – 27 °C	
Test Commenced on	:	25.11.2025	Test Completed on	:	26.11.2025	
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	6.8	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	26	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	20	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	10	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	10	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	5	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	< 0.2	1.0	1.5

---End of Report----

[Signature]
27/11/2025

**Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst**

**Assistant Water Analyst
TWAD Board, U.W.T. Lab,
Coimbatore**

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 1
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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: twadlabche@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52501 - 2	Report Issue Date :	27.11.2025	Page No : 1 of 1
Invoice Details:	9556/Dt.25.11.2025/ Amt.1652/-			

Client Name & Address	M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,			
Contact No / Email.ID	Ottar Palayam Village, Annur.			
Sample / Lab No	2025/52501			
Sample Name	Water - Drinking Water			
Sample Description	Clear, Colorless, Liquid			
Sample Source	River Bhavani			
Sample Submitted by	Customer			
Location & Date	Clear Water 196 MLD WTP, Annur & 25.11.2025			
Sample Container	Plastic – Good Condition			
Quantity of sample Received	2 Litre	Sample Condition on Receipt	:	Good
Sample Received On	25.11.2025	Environmental Condition Temp °C	:	23 – 27 °C
Test Commenced on	25.11.2025	Test Completed on	:	26.11.2025

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025: Part 10: 2023	< 0.5	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	71	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	105	--	--
4	P- Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	6	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	3	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	10	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	1	--	--


27/11/2025

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
T.W. Lab,
Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 2
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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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52501 - 2	Report Issue Date :	27.11.2025	Page No : 2 of 1
Invoice Details:	9556/Dt.25.11.2025/ Amt.1652/-			

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1	--	--
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	1	0.2	1.0
Bacteriological Test						
1	Fecal Coliform	CFU / 100 ml	APHA 23 rd Edition 2017 – 2130 B	Absent	Absent/ 100 ml	

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible Limit in respect to above tested parameters.

---End of Report----


20/11/2025

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, Siruvani Nagar Campus,
Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	2 of 2
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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

TC-15968

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52520 -1	Report Issue Date :	08.12.2025	Page No : 1 of 1
Invoice Details:	9563/Dt.04.12.2025/ Amt.1652/-	ULR No : - NA -		

Client Name & Address		M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,				
Contact No / Email.ID		Ottar Palayam Village, Annur.				
Sample / Lab No	:	2025/52520				
Sample Name	:	Water - Drinking Water				
Sample Description	:	Clear, Colorless, Liquid				
Sample Source	:	River Bhavani				
Sample Submitted by	:	Customer				
Location & Date	:	Clear Water 196 MLD WTP, Annur & 04.12.2025				
Sample Container	:	Plastic – Good Condition				
Quantity of Sample Received	:	2 Litre	Sample Condition on Receipt	:	Good	
Sample Received on	:	04.12.2025	Environmental Condition Temp °C	:	23 – 27 °C	
Test Commenced on	:	04.12.2025	Test Completed on	:	05.12.2025	
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	6.8	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	28	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	26	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	9	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	5	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	4	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	< 0.2	1.0	1.5

---End of Report----

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst

Assistant Water Analyst
Coimbatore

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4. The result applied to the sample as received basis.

Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 1
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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

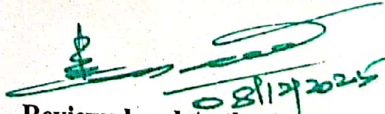
E-mail: twadlabce@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52520 - 2	Report Issue Date :	08.12.2025	Page No : 1 of 1
Invoice Details:	9563/Dt.04.12.2025/ Amt.1652/-			

Client Name & Address		M/s.ECO Protection Engineers Pvt Ltd, 196 MLD WTP,				
Contact No / Email.ID		Ottar Palayam Village, Annur.				
Sample / Lab No	:	2025/52520				
Sample Name	:	Water - Drinking Water				
Sample Description	:	Clear, Colorless, Liquid				
Sample Source	:	River Bhavani				
Sample Submitted by	:	Customer				
Location & Date	:	Clear Water 196 MLD WTP, Annur & 04.12.2025				
Sample Container	:	Plastic – Good Condition				
Quantity of sample Received	:	2 Litre	Sample Condition on Receipt	:	Good	
Sample Received On	:	04.12.2025	Environmental Condition Temp °C	:	23 – 27 °C	
Test Commenced on	:	04.12.2025	Test Completed on	:	05.12.2025	
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025: Part 10: 2023	< 0.5	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	62	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	91	--	--
4	P- Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	6	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	3	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	9	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	< 0.1	--	--


Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
Tamil Nadu Water Supply and Drainage Board,
Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 2
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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

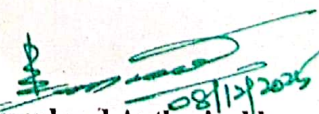
Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52520 - 2	Report Issue Date :	08.12.2025	Page No : 2 of 1
Invoice Details:	9563/Dt.04.12.2025/ Amt.1652/-			

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1	--	--
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	0.5	0.2	1.0
Bacteriological Test						
1	Fecal Coliform	CFU / 100 ml	APHA 23 rd Edition 2017 – 2130 B	Absent	Absent/ 100 ml	

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible Limit in respect to above tested parameters.

---End of Report-----


Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, Siruvani Lab,
Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	2 of 2
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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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52609 -1	Report Issue Date :	24.12.2025	Page No : 1 of 1
Invoice Details:	9591/Dt.22.12.2025/ Amt.1652/-	ULR No : - NA -		

Client Name & Address		M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP,				
Contact No / Email.ID		Ottar Palayam Village, Annur.				
Sample / Lab No	:	2025/52609				
Sample Name	:	Water - Drinking Water				
Sample Description	:	Clear, Colorless, Liquid				
Sample Source	:	River Bhavani				
Sample Submitted by	:	Customer				
Location & Date	:	Clear Water 196 MLD WTP, Annur & 22.12.2025				
Sample Container	:	Plastic – Good Condition				
Quantity of Sample Received	:	2 Litre	Sample Condition on Receipt	:	Good	
Sample Received on	:	22.12.2025	Environmental Condition Temp °C	:	23 – 27 °C	
Test Commenced on	:	22.12.2025 ✓	Test Completed on	:	23.12.2025 ✓	
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	6.8	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	44	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	42	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	11 ✓	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	10	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	8 ✓	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	< 0.2	1.0	1.5

---End of Report-----

Reviewed and Authorised by

P. Gopalan - Assistant Water Analyst

Assistant Water Analyst

TWAD Board, D.W. Lab,
Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 1
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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

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52609 - 2	Report Issue Date :	24.12.2025	Page No : 1 of 1
Invoice Details:	9591/Dt.22.12.2025/ Amt.1652/-			

Client Name & Address	M/s.ECO Protection Engineers Pvt Ltd,196 MLD WTP,			
Contact No / Email.ID	Ottar Palayam Village, Annur.			
Sample / Lab No	:	2025/52609		
Sample Name	:	Water - Drinking Water		
Sample Description	:	Clear, Colorless, Liquid		
Sample Source	:	River Bhavani		
Sample Submitted by	:	Customer		
Location & Date	:	Clear Water 196 MLD WTP, Annur & 22.12.2025		
Sample Container	:	Plastic – Good Condition		
Quantity of sample Received	:	2 Litre	Sample Condition on Receipt	: Good
Sample Received On	:	22.12.2025	Environmental Condition Temp °C	: 23 – 27 °C
Test Commenced on	:	22.12.2025	Test Completed on	: 23.12.2025

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025: Part 10: 2023	< 0.5	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	101	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	149	--	--
4	P- Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	9	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	5	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	14	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	1	--	--

Reviewed and Authorised by
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Assistant Water Analyst
TWAD Board, Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	1 of 2
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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
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TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52609 - 2	Report Issue Date :	24.12.2025	Page No : 2 of 1
Invoice Details:	9591/Dt.22.12.2025/ Amt.1652/-			

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1	--	--
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	0.5	0.2	1.0
Bacteriological Test						
1	Fecal Coliform	CFU / 100 ml	APHA 23 rd Edition 2017 – 2130 B	Absent	Absent/ 100 ml	

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible Limit in respect to above tested parameters.

---End of Report----


Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore

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Issue N / Date	01/01.09.2024	Amend .No / Date	00/-	Page No	2 of 2
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