

BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

IN

ORIGINAL APPLICATION NO. 1375 OF 2024

IN THE MATTER OF:

New item titled "Four endangered crocodile found dead in Rajasthan River experts wonder if pollution to blame" appearing in the Indian Express dated 06.12.2024

INDEX

S. No.	Particulars	Page Nos.
1.	COMPLIANCE AFFIDAVIT ON BEHALF OF RESPONDENT NO.2, I.E., RAJASTHAN STATE POLLUTION CONTROL BOARD, AS PER THE ORDER DATED 28.05.2025.	1-4
2.	<u>ANNEXURE R2/1</u> True copy of sample analysis reports.	5-34

RAJASTHAN STATE POLLUTION CONTROL BOARD

Through its Counsel



Nishant Awana/Ekta Kundu

Advocates

A-320, First Floor, Defence Colony, New Delhi-110024

Ph- 011-35550654, +91-7838760760

mail@nmalawchambers.in/nishantawana@outlook.com

Date: 07.07 .2025

Place: New Delhi

SERIAL NO. 131
DATE: 27/6/25

BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI
IN
ORIGINAL APPLICATION NO. 1375 OF 2024

IN THE MATTER OF:

New item titled "Four endangered crocodile found dead in Rajasthan River experts wonder if pollution to blame" appearing in the Indian Express dated 06.12.2024

COMPLIANCE AFFIDAVIT ON BEHALF OF RESPONDENT NO.2, I.E., RAJASTHAN STATE POLLUTION CONTROL BOARD

(In compliance with the order dated 28.05.2025)

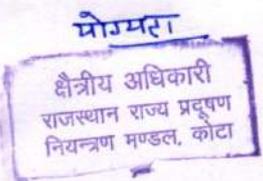
MOST RESPECTFULLY SHOWETH:

1. That I am the Authorized Officer of the Rajasthan State Pollution Control Board ("RSPCB"), the Respondent No. 2 in the above-captioned Original Application, and being well acquainted with the facts and circumstances of the case, I am competent to swear this affidavit.
2. The present affidavit is being filed in compliance with the directions issued by this Hon'ble Tribunal vide order dated 28.05.2025, wherein the answering Respondent was directed to file the sample analysis report of the concerned spots, particularly the Chandraloi River and Kansua Nala, where the unfortunate incident involving the death of endangered crocodiles occurred.

चेममदा
क्षेत्रीय अधिकारी
राजस्थान राज्य प्रदूषण
नियन्त्रण मण्डल, कोटा

ATTESTED
27/6/25
ISHAQ MOHAMMAD
NOTARY, KOTA (RAJ.)

3. It is respectfully submitted that water samples from the concerned locations were collected during a joint field visit conducted on 24th and 25th January 2025 by a Joint Committee constituted pursuant to the earlier orders of this Hon'ble Tribunal.
4. The said Joint Committee comprised representatives of the Central Pollution Control Board (CPCB), Rajasthan State Pollution Control Board (RSPCB), and other relevant authorities. The purpose of the visit was to examine the alleged pollution in the Chandraloi River and adjoining water bodies and to ascertain any causal link with the reported deaths of crocodiles.
5. That the complete water sample analysis reports, both from CPCB and RSPCB, were annexed to the **Joint Committee Report dated 24.02.2025**, which was duly submitted to this Hon'ble Tribunal. Hence, the reports are already a part of the record before this Hon'ble Tribunal.
6. However, in compliance with the order dated 28.05.2025 and for ease of reference, a true copy of the sample analysis reports is being enclosed herewith and marked as **Annexure A**.
7. That the answering Respondent remains fully committed to continued environmental surveillance, regulatory enforcement, and coordinated efforts with other stakeholders to safeguard the ecological health of the Chandraloi River and adjoining habitats.
8. The answering Respondent undertakes to provide any further information, documents, or affidavits as may be required or directed



by this Hon'ble Tribunal and prays for liberty to do so at a later stage, if necessary.



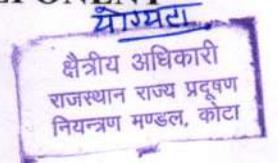
Verification:

Verified at Kota on 26th day of June 2025, that the contents of the above affidavit are true and correct to my knowledge and belief and as per the official records available. I say that no part of it is false and nothing material has been concealed therefrom.



DEPONENT

DEPONENT



IDENTIFIED BY

[Signature]
उमर सिंह जाफर

सं. नवी. सिंह जाफर 27/6/25

सं. 78/176 जल शक्ति
नगर सल्ला जी सिविल कार्ड

सं. 7.450 - 9174-8111





134
 Central Pollution Control Board
 Regional Directorate (Central)
 "Parivesh Bhawan"
 Paryavaran Parisar, E-5, Arera Colony, Bhopal
 EPA Recognised Lab

6
 CUSTOMER COPY
 MASTER COPY
 F/LAB/06/TR-01
 COPY FOR LAS/IC

Test Report : Fresh Water (Physico Chemical Parameter)

Project Name		NGT Case No. 1375/ 2024		Test Report No.	FW/24-25/78
Sample Description		Chandraloi River Chandrasol, Kota		Requisition No.	106
Date of sample collection		24.01.2025		Date	31.01.2025
Date of sample receipt		26.01.2025		Type of sample	Grab
Date of analysis		26.01.2025 to 31.01.2025		Sample collected by	Dr. A Chaturvedi, Sh. R. Bandewar, RSPCB Kota Team
S.No.	Parameters	Unit	Result	Method	
1	Temperature	°C	20	-	
2	Odour	-	-	-	
3	Appearance	-	-	-	
4	Colour	Pt-Co Scale	-	APHA, 2120-B	
5	Residual Chlorine	mg/L	-	APHA 4500-Cl-B	
6	Dissolved Oxygen	mg/L	2.26	APHA 4500-O-C	
7	pH	pH unit	7.12	APHA, 4500H+B	
8	Specific Conductivity	µmho/cm	1083	APHA 2510 B	
9	Suspended Solids	mg/L	7	APHA 2540 D	
10	Total Dissolved Solids	mg/L	595	APHA 2540 C	
11	Total Solids	mg/L	-	APHA 2540 B	
12	Fixed Dissolved Solid	mg/L	169	APHA 2540 E	
13	COD	mg/L	36	APHA, 5220 B	
14	BOD (3 days, 27°C)	mg/L	10	IS 3025, 1993	
15	Chloride	mg/L	90	APHA, 4500-CL-B	
16	Total Alkalinity	mg/L	84	APHA 2320-B	
17	T. Hardness (as CaCO ₃)	mg/L	274	APHA 2340-C	
18	Ca Hardness (as CaCO ₃)	mg/L	213	APHA 3500-Ca-B	
19	Mg Hardness (as CaCO ₃)	mg/L	61	APHA 3500-Mg-B	
20	Oil & Grease	mg/L	-	APHA 5520-D	
21	Total Kjehdal Nitrogen	mg/L	-	APHA 4500-Norg-C	
22	Turbidity	N.T.U.	-	APHA, 2130-B	
23	Phosphate (as P)	mg/L	0.152	APHA 4500-P-D	
24	Sulphate (as SO ₄)	mg/L	119	APHA 4500-SO ₄ -E	
25	Ammo. Nitrogen (as N)	mg/L	2.528	APHA 4500-NH ₃ -F	
26	Nitrite Nitrogen (as N)	mg/L	0.012	APHA 4500-NO ₂ -B	
27	Nitrate Nitrogen (as N)	mg/L	0.077	APHA 4500-NO ₃ B	
28	Fluoride (as F)	mg/L	-	APHA 4500-F-D	
29	Sodium (as Na)	mg/L	-	APHA 3500-Na-B	
30	Potassium (as K)	mg/L	-	APHA 3500-K-B	
31	Chromium (as Cr ⁺⁶)	mg/L	-	APHA 3500-Cr B	
32	Boron (as B)	mg/L	-	APHA 4500-B-C	
33	Faecal Coliform	MPN/100ml	1400	APHA 9221-E	
34	Total Coliform	MPN/100ml	2200	APHA 9221-A,B,C	
35	Bioassay Test	% Survival	-	APHA 8910 A-C	
36					
37					
38					

Prepared by:

Laboratory Head
 Regional Directorate (Central)
 Paryavaran Parisar, E-5, Arera Colony, Bhopal
 Central Pollution Control Board, Bhopal, (M.P.)



135
Central Pollution Control Board
Regional Directorate (Central)

"Parivesh Bhawan"
Paryavaran Parisar, E-5, Arera Colony, Bhopal
EPA Recognised Lab

Test Report : Fresh Water (Physico Chemical Parameter)

CUSTOMER COPY 7
MASTER COPY
F/LAB/06/TR-01
COPY FOR LAB IIC

Project Name		NGT Case No. 1375/ 2024		Test Report No.	FW/24-25/79
Sample Description		Chandraloi River Ramkhedli pulia, Kota		Requisition No.	106
Date of sample collection		24.01.2025		Date	31.01.2025
Date of sample receipt		26.01.2025		Type of sample	Grab
Date of analysis		26.01.2025 to 31.01.2025		Sample collected by	Dr. A Chaturvedi, Sh. R. Bandewar, RSPCB Kota Team
S.No.	Parameters	Unit	Result	Method	
1	Temperature	°C	21	-	
2	Odour	-	-	-	
3	Appearance	-	-	-	
4	Colour	Pt-Co Scale	-	APHA, 2120-B	
5	Residual Chlorine	mg/L	-	APHA 4500-Cl-B	
6	Dissolved Oxygen	mg/L	2.32	APHA 4500-O-C	
7	pH	pH unit	7.48	APHA, 4500H+B	
8	Specific Conductivity	µmho/cm	1065	APHA 2510 B	
9	Suspended Solids	mg/L	6	APHA 2540 D	
10	Total Dissolved Solids	mg/L	559	APHA 2540 C	
11	Total Solids	mg/L	-	APHA 2540 B	
12	Fixed Dissolved Solid	mg/L	125	APHA 2540 E	
13	COD	mg/L	40	APHA, 5220 B	
14	BOD (3 days, 27°C)	mg/L	9	IS 3025, 1993	
15	Chloride	mg/L	89	APHA, 4500-CL-B	
16	Total Alkalinity	mg/L	80	APHA 2320-B	
17	T. Hardness (as CaCO ₃)	mg/L	260	APHA 2340-C	
18	Ca Hardness (as CaCO ₃)	mg/L	186	APHA 3500-Ca-B	
19	Mg Hardness (as CaCO ₃)	mg/L	74	APHA 3500-Mg-B	
20	Oil & Grease	mg/L	-	APHA 5520-D	
21	Total Kjehdal Nitrogen	mg/L	-	APHA 4500-Norg-C	
22	Turbidity	N.T.U.	-	APHA, 2130-B	
23	Phosphate (as P)	mg/L	0.819	APHA 4500-P-D	
24	Sulphate (as SO ₄)	mg/L	118	APHA 4500-SO ₄ -E	
25	Ammono. Nitrogen (as N)	mg/L	2.44	APHA 4500-NH ₃ -F	
26	Nitrite Nitrogen (as N)	mg/L	0.027	APHA 4500-NO ₂ -B	
27	Nitrate Nitrogen (as N)	mg/L	0.095	APHA 4500-NO ₃ B	
28	Fluoride (as F)	mg/L	-	APHA 4500-F-D	
29	Sodium (as Na)	mg/L	-	APHA 3500-Na-B	
30	Potassium (as K)	mg/L	-	APHA 3500-K-B	
31	Chromium (as Cr ⁺⁶)	mg/L	-	APHA 3500-Cr B	
32	Boron (as B)	mg/L	-	APHA 4500-B-C	
33	Faecal Coliform	MPN/100ml	580	APHA 9221-E	
34	Total Coliform	MPN/100ml	1100	APHA 9221-A,B,C	
35	Bioassay Test	% Survival	-	APHA 8910 A-C	
36					
37					
38					

Prepared by:

मिनिस्ट्र कृष्ण निमिष/Minid Kumar Nimje
 वैज्ञानिक-केंद्रीय प्रदूषण नियंत्रण बोर्ड, राष्ट्रीय पर्यावरण विज्ञान केंद्र
 Scientist (C) Lab. In-charge Government Analyst
 क्षेत्रीय निदेशक/Regional Director
 केंद्रीय प्रदूषण नियंत्रण बोर्ड, भोपाल (म.प्र.)
 Central Pollution Control Board, Bhopal (M.P.)

Laboratory Head



136
 Central Pollution Control Board
 Regional Directorate (Central)
 "Parivesh Bhawan"
 Paryavaran Parisar, E-5, Arera Colony, Bhopal
 EPA Recognised Lab

8
 CUSTOMER COPY
 MASTER COPY
 F/LAB/06/TR-01
 COPY FOR LAB USE

Test Report : Fresh Water (Physico Chemical Parameter)

Project Name		NGT Case No. 1375/ 2024		Test Report No.	FW/24-25/80
Sample Description		Chambal River after confluence Chandraloi River Manas village, Kota		Requisition No.	106
Date of sample collection		25.01.2025		Date	31.01.2025
Date of sample receipt		26.01.2025		Type of sample	Grab
Date of analysis		26.01.2025 to 31.01.2025		Sample collected by	Dr. A Chaturvedi, Sh. R. Bandewar, RSPCB Kota Team
S.No.	Parameters	Unit	Result	Method	
1	Temperature	°C	22	-	
2	Odour	-	-	-	
3	Appearance	-	-	-	
4	Colour	Pt-Co Scale	-	APHA, 2120-B	
5	Residual Chlorine	mg/L	-	APHA 4500-Cl-B	
6	Dissolved Oxygen	mg/L	5.05	APHA 4500-O-C	
7	pH	pH unit	7.96	APHA, 4500H+B	
8	Specific Conductivity	µmho/cm	860	APHA 2510 B	
9	Suspended Solids	mg/L	11	APHA 2540 D	
10	Total Dissolved Solids	mg/L	488	APHA 2540 C	
11	Total Solids	mg/L	-	APHA 2540 B	
12	Fixed Dissolved Solid	mg/L	116	APHA 2540 E	
13	COD	mg/L	19	APHA, 5220 B	
14	BOD (3 days, 27°C)	mg/L	4	IS 3025, 1993	
15	Chloride	mg/L	63	APHA, 4500-CL-B	
16	Total Alkalinity	mg/L	60	APHA 2320-B	
17	T. Hardness (as CaCO ₃)	mg/L	222	APHA 2340-C	
18	Ca Hardness (as CaCO ₃)	mg/L	133	APHA 3500-Ca-B	
19	Mg Hardness (as CaCO ₃)	mg/L	89	APHA 3500-Mg-B	
20	Oil & Grease	mg/L	-	APHA 5520-D	
21	Total Kjehdal Nitrogen	mg/L	-	APHA 4500-Norg-C	
22	Turbidity	N.T.U.	-	APHA, 2130-B	
23	Phosphate (as P)	mg/L	0.234	APHA 4500-P-D	
24	Sulphate (as SO ₄)	mg/L	78	APHA 4500-SO ₄ -E	
25	Ammo. Nitrogen (as N)	mg/L	0.85	APHA 4500-NH ₃ -F	
26	Nitrite Nitrogen (as N)	mg/L	0.107	APHA 4500-NO ₂ -B	
27	Nitrate Nitrogen (as N)	mg/L	0.386	APHA 4500-NO ₃ B	
28	Fluoride (as F)	mg/L	-	APHA 4500-F-D	
29	Sodium (as Na)	mg/L	-	APHA 3500-Na-B	
30	Potassium (as K)	mg/L	-	APHA 3500-K-B	
31	Chromium (as Cr ⁺⁶)	mg/L	-	APHA 3500-Cr B	
32	Boron (as B)	mg/L	-	APHA 4500-B-C	
33	Faecal Coliform	MPN/100ml	22	APHA 9221-E	
34	Total Coliform	MPN/100ml	70	APHA 9221-A,B,C	
35	Bioassay Test	% Survival	-	APHA 8910 A-C	
36					
37					
38					

Prepared by:

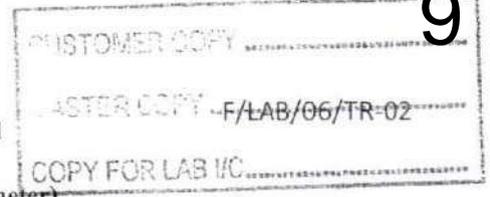
Scientist (C) / Lab. & Government Analyst
 Regional Directorate
 Central Pollution Control Board, Bhopal (M.P.)
 Laboratory Head



137
Central Pollution Control Board
Regional Directorate (Central)
"Parivesh Bhawan"

Paryavaran Parisar, E-5, Arera Colony, Bhopal
EPA Recognised Lab

Test Report : Waste Water (Physico Chemical Parameter)



9

Project Name		NGT Case No. 1375/ 2024		Test Report No.	WW/24-25/196
Sample Description		Kansua Nalla before confluence to DCM Nalla, Kota		Requisition No.	164
Date of sample collection		24.01.2025		Date	31.01.2025
Date of sample receipt		26.01.2025		Type of sample	Grab
Date of analysis		26.01.2025 to 31.01.2025		Sample collected by	Dr. A Chaturvedi, Sh. R. Bandewar, RSPCB Kota Team
S.No.	Parameters	Unit	Result	Method	
1	Temperature	°C	22	-	
2	Odour	-	-	-	
3	Appearance	-	-	-	
4	Colour	Pt-Co Scale	-	APHA, 2120-B	
5	Residual Chlorine	mg/L	-	APHA 4500-Cl-B	
6	Dissolved Oxygen	mg/L	-	APHA 4500-O-C	
7	pH	pH unit	7.05	APHA, 4500H+B	
8	Specific Conductivity	µmho/cm	1222	APHA 2510 B	
9	Suspended Solids	mg/L	16	APHA 2540 D	
10	Total Dissolved Solids	mg/L	603	APHA 2540 C	
11	Total Solids	mg/L	-	APHA 2540 B	
12	Fixed Dissolved Solid	mg/L	72	APHA 2540 E	
13	COD	mg/L	45	APHA, 5220 B	
14	BOD (3 days, 27°C)	mg/L	27	IS 3025, 1993	
15	Chloride	mg/L	128	APHA, 4500-CL-B	
16	Total Alkalinity	mg/L	100	APHA 2320-B	
17	T. Hardness (as CaCO ₃)	mg/L	230	APHA 2340-C	
18	Ca Hardness (as CaCO ₃)	mg/L	162	APHA 3500-Ca-B	
19	Mg Hardness (as CaCO ₃)	mg/L	68	APHA 3500-Mg-B	
20	Oil & Grease	mg/L	-	APHA 5520-D	
21	Total Kjehdal Nitrogen	mg/L	-	APHA 4500-Norg-C	
22	Turbidity	N.T.U.	-	APHA, 2130-B	
23	Phosphate (as P)	mg/L	1.305	APHA 4500-P-D	
24	Sulphate (as SO ₄)	mg/L	70	APHA 4500-SO ₄ -E	
25	Ammo. Nitrogen (as N)	mg/L	4.9	APHA 4500-NH ₃ -F	
26	Nitrite Nitrogen (as N)	mg/L	0.01	APHA 4500-NO ₂ -B	
27	Nitrate Nitrogen (as N)	mg/L	0.018	APHA 4500-NO ₃ B	
28	Fluoride (as F)	mg/L	-	APHA 4500-F-D	
29	Sodium (as Na)	mg/L	-	APHA 3500-Na-B	
30	Potassium (as K)	mg/L	-	APHA 3500-K-B	
31	Chromium (as Cr ⁺⁶)	mg/L	-	APHA 3500-Cr B	
32	Boron (as B)	mg/L	-	APHA 4500-B-C	
33	Faecal Coliform	MPN/100ml	-	APHA 9221-E	
34	Total Coliform	MPN/100ml	-	APHA 9221-A,B,C	
35	Bioassay Test	% Survival	-	APHA 8910 A-C	
36					
37					
38					

Prepared by:

मिलिन्द कुमार निमजे, Milind Kumar Nimje
शैक्षणिक-विज्ञानिक-सहायक एवं सरकारी विश्लेषक
Scientist 'C' Lab Head & Government Analyst
राष्ट्रीय प्रदूषण नियंत्रण बोर्ड, भोपाल (म.प्र.)
Central Pollution Control Board, Bhopal (M.P.)

Laboratory Head



138
Central Pollution Control Board
Regional Directorate (Central)
"Parivesh Bhawan"

Paryavaran Parisar, E-5, Arera Colony, Bhopal
EPA Recognised Lab

Test Report : Waste Water (Physico Chemical Parameter)

10
CUSTOMER COPY
MASTER COPY - F/LAB/06/TR-02
COPY FOR LAB USE

Project Name		NGT Case No. 1375/ 2024		Test Report No.	WW/24-25/197
Sample Description		M/s. DCM Shriram Fertilizer, Kota -ETP Final Outlet		Requisition No.	164
Date of sample collection		25.01.2025		Date	31.01.2025
Date of sample receipt		26.01.2025		Type of sample	Grab
Date of analysis		26.01.2025 to 31.01.2025		Sample collected by	Dr. A Chaturvedi, Sh. R. Bandewar, RSPCB Kota Team
S.No.	Parameters	Unit	Result	Method	
1	Temperature	°C	24	-	
2	Odour	-	-	-	
3	Appearance	-	-	-	
4	Colour	Pt-Co Scale	-	APHA, 2120-B	
5	Residual Chlorine	mg/L	-	APHA 4500-Cl-B	
6	Dissolved Oxygen	mg/L	-	APHA 4500-O-C	
7	pH	pH unit	7.65	APHA, 4500H+B	
8	Specific Conductivity	µmho/cm	2297	APHA 2510 B	
9	Suspended Solids	mg/L	27	APHA 2540 D	
10	Total Dissolved Solids	mg/L	1266	APHA 2540 C	
11	Total Solids	mg/L	-	APHA 2540 B	
12	Fixed Dissolved Solid	mg/L	183	APHA 2540 E	
13	COD	mg/L	44	APHA, 5220 B	
14	BOD (3 days, 27°C)	mg/L	11	IS 3025, 1993	
15	Chloride	mg/L	299	APHA, 4500-CL-B	
16	Total Alkalinity	mg/L	48	APHA 2320-B	
17	T. Hardness (as CaCO ₃)	mg/L	352	APHA 2340-C	
18	Ca Hardness (as CaCO ₃)	mg/L	274	APHA 3500-Ca-B	
19	Mg Hardness (as CaCO ₃)	mg/L	78	APHA 3500-Mg-B	
20	Oil & Grease	mg/L	-	APHA 5520-D	
21	Total Kjehdal Nitrogen	mg/L	-	APHA 4500-Norg-C	
22	Turbidity	N.T.U.	-	APHA, 2130-B	
23	Phosphate (as P)	mg/L	0.1	APHA 4500-P-D	
24	Sulphate (as SO ₄)	mg/L	180	APHA 4500-SO ₄ -E	
25	Ammono. Nitrogen (as N)	mg/L	4.95	APHA 4500-NH ₃ -F	
26	Nitrite Nitrogen (as N)	mg/L	1.39	APHA 4500-NO ₂ -B	
27	Nitrate Nitrogen (as N)	mg/L	3.75	APHA 4500-NO ₃ B	
28	Fluoride (as F)	mg/L	-	APHA 4500-F-D	
29	Sodium (as Na)	mg/L	-	APHA 3500-Na-B	
30	Potassium (as K)	mg/L	-	APHA 3500-K-B	
31	Chromium (as Cr ⁺⁶)	mg/L	-	APHA 3500-Cr B	
32	Boron (as B)	mg/L	-	APHA 4500-B-C	
33	Faecal Coliform	MPN/100ml	-	APHA 9221-E	
34	Total Coliform	MPN/100ml	-	APHA 9221-A,B,C	
35	Bioassay Test	% Survival	-	APHA 8910 A-C	
36					
37					
38					

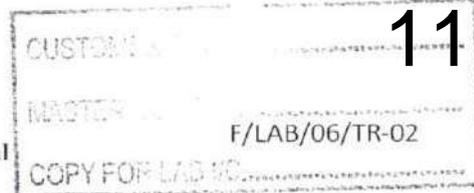
Prepared by:

मिलिन्द कुमार निमिषे Milind Kumar Nimje
वैज्ञानिक-विशेषज्ञ एवं सहायक निदेशक
Scientist (S) & Government Analyst
केन्द्रीय प्रदूषण नियंत्रण बोर्ड कार्यालय (म.प्र.)
Central Pollution Control Board, Bhopal (M.P.)

Laboratory Head:



139
 Central Pollution Control Board
 Regional Directorate (Central)
 "Parivesh Bhawan"
 Paryavaran Parisar, E-5, Arera Colony, Bhopal
 EPA Recognised Lab



11

Test Report : Waste Water (Physico Chemical Parameter)

Project Name		NGT Case No. 1375/ 2024		Test Report No.	WW/24-25/198
Sample Description		M/s. Shriram Rayon, Kota ETP Final Outlet		Requisition No.	164
Date of sample collection		25.01.2025		Date	31.01.2025
Date of sample receipt		26.01.2025		Type of sample	Grab
Date of analysis		26.01.2025 to 31.01.2025		Sample collected by	Dr. A Chaturvedi, Sh. R. Bandewar, RSPCB Kota Team
S.No.	Parameters	Unit	Result	Method	
1	Temperature	°C	30	-	
2	Odour	-	-	-	
3	Appearance	-	-	-	
4	Colour	Pt-Co Scale	-	APHA, 2120-B	
5	Residual Chlorine	mg/L	-	APHA 4500-Cl-B	
6	Dissolved Oxygen	mg/L	-	APHA 4500-O-C	
7	pH	pH unit	7.53	APHA, 4500H+B	
8	Specific Conductivity	µmho/cm	4273	APHA 2510 B	
9	Suspended Solids	mg/L	50.6	APHA 2540 D	
10	Total Dissolved Solids	mg/L	3851	APHA 2540 C	
11	Total Solids	mg/L	-	APHA 2540 B	
12	Fixed Dissolved Solid	mg/L	203	APHA 2540 E	
13	COD	mg/L	68	APHA, 5220 B	
14	BOD (3 days, 27°C)	mg/L	16	IS 3025, 1993	
15	Chloride	mg/L	215	APHA, 4500-CL-B	
16	Total Alkalinity	mg/L	41	APHA 2320-B	
17	T. Hardness (as CaCO ₃)	mg/L	1288	APHA 2340-C	
18	Ca Hardness (as CaCO ₃)	mg/L	1191	APHA 3500-Ca-B	
19	Mg Hardness (as CaCO ₃)	mg/L	97	APHA 3500-Mg-B	
20	Oil & Grease	mg/L	-	APHA 5520-D	
21	Total Kjehdal Nitrogen	mg/L	-	APHA 4500-Norg-C	
22	Turbidity	N.T.U.	-	APHA, 2130-B	
23	Phosphate (as P)	mg/L	0.03	APHA 4500-P-D	
24	Sulphate (as SO ₄)	mg/L	870	APHA 4500-SO ₄ -E	
25	Ammo. Nitrogen (as N)	mg/L	3.05	APHA 4500-NH ₃ -F	
26	Nitrite Nitrogen (as N)	mg/L	0.041	APHA 4500-NO ₂ -B	
27	Nitrate Nitrogen (as N)	mg/L	0.52	APHA 4500-NO ₃ B	
28	Fluoride (as F)	mg/L	-	APHA 4500-F-D	
29	Sodium (as Na)	mg/L	-	APHA 3500-Na-B	
30	Potassium (as K)	mg/L	-	APHA 3500-K-B	
31	Chromium (as Cr ⁺⁶)	mg/L	-	APHA 3500-Cr B	
32	Boron (as B)	mg/L	-	APHA 4500-B-C	
33	Faecal Coliform	MPN/100ml	-	APHA 9221-E	
34	Total Coliform	MPN/100ml	-	APHA 9221-A,B,C	
35	Bioassay Test	% Survival	-	APHA 8910 A-C	
36					
37					
38					

Prepared by:

मिलिन्द कुमार निरंजो Milind Kumar Niranje
 वैज्ञानिक-सी एवं गैर सरकारी नियंत्रित
 Scientist-C Lab. and a Government Analyst
 क्षेत्रीय प्रदूषण नियंत्रण बोर्ड, भोपाल (म.प्र.)
 Regional Directorate
 केंद्रीय प्रदूषण नियंत्रण बोर्ड, भोपाल (म.प्र.)
 Central Pollution Control Board, Bhopal (M.P.)

Laboratory Head



140
Central Pollution Control Board
Regional Directorate (Central)
"Parivesh Bhawan"
Paryavaran Parisar, E-5, Arera Colony, Bhopal
EPA Recognised Lab

12
CUSTOMER COPY
MASTER COPY
F/LAB/06/TR-02
COPY FOR LAB-10

Test Report : Waste Water (Physico Chemical Parameter)

Project Name		NGT Case No. 1375/ 2024		Test Report No.	WW/24-25/199
Sample Description		Kansua Nalla after confluence to DCM Nalla, Kota		Requisition No.	164
Date of sample collection		24.01.2025		Date	31.01.2025
Date of sample receipt		26.01.2025		Type of sample	Grab
Date of analysis		26.01.2025 to 31.01.2025		Sample collected by	Dr. A Chaturvedi, Sh. R. Bandewar, RSPCB Kota Team
S.No.	Parameters	Unit	Result	Method	
1	Temperature	°C	26	-	
2	Odour	-	-	-	
3	Appearance	-	-	-	
4	Colour	Pt-Co Scale	-	APHA, 2120-B	
5	Residual Chlorine	mg/L	-	APHA 4500-Cl-B	
6	Dissolved Oxygen	mg/L	-	APHA 4500-O-C	
7	pH	pH unit	7.27	APHA, 4500H+B	
8	Specific Conductivity	µmho/cm	1770	APHA 2510 B	
9	Suspended Solids	mg/L	148	APHA 2540 D	
10	Total Dissolved Solids	mg/L	1051	APHA 2540 C	
11	Total Solids	mg/L	-	APHA 2540 B	
12	Fixed Dissolved Solid	mg/L	85	APHA 2540 E	
13	COD	mg/L	56	APHA, 5220 B	
14	BOD (3 days, 27°C)	mg/L	24	IS 3025, 1993	
15	Chloride	mg/L	161	APHA, 4500-CL-B	
16	Total Alkalinity	mg/L	164	APHA 2320-B	
17	T. Hardness (as CaCO ₃)	mg/L	323	APHA 2340-C	
18	Ca Hardness (as CaCO ₃)	mg/L	289	APHA 3500-Ca-B	
19	Mg Hardness (as CaCO ₃)	mg/L	34	APHA 3500-Mg-B	
20	Oil & Grease	mg/L	-	APHA 5520-D	
21	Total Kjehdal Nitrogen	mg/L	-	APHA 4500-Norg-C	
22	Turbidity	N.T.U.	-	APHA, 2130-B	
23	Phosphate (as P)	mg/L	1.22	APHA 4500-P-D	
24	Sulphate (as SO ₄)	mg/L	169	APHA 4500-SO ₄ -E	
25	Ammono. Nitrogen (as N)	mg/L	5.05	APHA 4500-NH ₃ -F	
26	Nitrite Nitrogen (as N)	mg/L	0.011	APHA 4500-NO ₂ -B	
27	Nitrate Nitrogen (as N)	mg/L	2.052	APHA 4500-NO ₃ B	
28	Fluoride (as F)	mg/L	-	APHA 4500-F-D	
29	Sodium (as Na)	mg/L	-	APHA 3500-Na-B	
30	Potassium (as K)	mg/L	-	APHA 3500-K-B	
31	Chromium (as Cr ⁺⁶)	mg/L	-	APHA 3500-Cr B	
32	Boron (as B)	mg/L	-	APHA 4500-B-C	
33	Faecal Coliform	MPN/100ml	-	APHA 9221-E	
34	Total Coliform	MPN/100ml	-	APHA 9221-A,B,C	
35	Bioassay Test	% Survival	-	APHA 8910 A-C	
36					
37					
38					

Prepared by:

मिनिंद्र कुमार निमजे Mininder Kumar Nimje
विज्ञानिक-विशेषज्ञ (म.प्र.) सरकारी विश्लेषक
Scientist (Lab) - Government Analyst
केन्द्रीय पर्यावरण क्षेत्रीय निर्देशक बोर्ड, भोपाल (म.प्र.)
Central Pollution Control Board, Bhopal (M.P.)

Laboratory Head



141
Central Pollution Control Board
Regional Directorate (Central)
"Parivesh Bhawan"

Paryavaran Parisar, E-5, Arera Colony, Bhopal
EPA Recognised Lab

Test Report : Waste Water (Physico Chemical Parameter)

13
COPY FOR LAB NO. F/LAB/06/TR-02
COPY FOR LAB NO.

Project Name		NGT Case No. 1375/ 2024		Test Report No.	WW/24-25/200
Sample Description		15 MLD STP, Kala Talab, Kota -Final Outlet		Requisition No.	164
Date of sample collection		25.01.2025		Date	31.01.2025
Date of sample receipt		26.01.2025		Type of sample	Grab
Date of analysis		26.01.2025 to 31.01.2025		Sample collected by	Dr. A Chaturvedi, Sh. R. Bandewar, RSPCB Kota Team
S.No.	Parameters	Unit	Result	Method	
1	Temperature	°C	23	-	
2	Odour	-	-	-	
3	Appearance	-	-	-	
4	Colour	Pt-Co Scale	-	APHA, 2120-B	
5	Residual Chlorine	mg/L	-	APHA 4500-Cl-B	
6	Dissolved Oxygen	mg/L	-	APHA 4500-O-C	
7	pH	pH unit	7.93	APHA, 4500H+B	
8	Specific Conductivity	µmho/cm	1227	APHA 2510 B	
9	Suspended Solids	mg/L	7	APHA 2540 D	
10	Total Dissolved Solids	mg/L	679	APHA 2540 C	
11	Total Solids	mg/L	-	APHA 2540 B	
12	Fixed Dissolved Solid	mg/L	133	APHA 2540 E	
13	COD	mg/L	22	APHA, 5220 B	
14	BOD (3 days, 27°C)	mg/L	8	IS 3025, 1993	
15	Chloride	mg/L	76	APHA, 4500-CL-B	
16	Total Alkalinity	mg/L	105	APHA 2320-B	
17	T. Hardness (as CaCO ₃)	mg/L	205	APHA 2340-C	
18	Ca Hardness (as CaCO ₃)	mg/L	177	APHA 3500-Ca-B	
19	Mg Hardness (as CaCO ₃)	mg/L	28	APHA 3500-Mg-B	
20	Oil & Grease	mg/L	-	APHA 5520-D	
21	Total Kjehdal Nitrogen	mg/L	-	APHA 4500-Norg-C	
22	Turbidity	N.T.U.	-	APHA, 2130-B	
23	Phosphate (as P)	mg/L	1.18	APHA 4500-P-D	
24	Sulphate (as SO ₄)	mg/L	85	APHA 4500-SO ₄ -E	
25	Ammo. Nitrogen (as N)	mg/L	0.23	APHA 4500-NH ₃ -F	
26	Nitrite Nitrogen (as N)	mg/L	1.021	APHA 4500-NO ₂ -B	
27	Nitrate Nitrogen (as N)	mg/L	1.54	APHA 4500-NO ₃ B	
28	Fluoride (as F)	mg/L	-	APHA 4500-F-D	
29	Sodium (as Na)	mg/L	-	APHA 3500-Na-B	
30	Potassium (as K)	mg/L	-	APHA 3500-K-B	
31	Chromium (as Cr ⁺⁶)	mg/L	-	APHA 3500-Cr B	
32	Boron (as B)	mg/L	-	APHA 4500-B-C	
33	Faecal Coliform	MPN/100ml	920	APHA 9221-E	
34	Total Coliform	MPN/100ml	1600	APHA 9221-A,B,C	
35	Bioassay Test	% Survival	-	APHA 8910 A-C	
36					
37					
38					

Prepared by:

Dr. Anand Kumar Nimje
Senior Scientist
Government Analyst
Regional Directorate
Central Pollution Control Board, Bhopal (M.P.)

Laboratory Head:



142
 Central Pollution Control Board
 Regional Directorate (Central)
 "Parivesh Bhawan"

Paryavaran Parisar, E-5, Arera Colony, Bhopal – 462016

EPA Recognised Lab

Test Report : Fresh Water (Instrumentation)

14
 MASTER COPY
 F/LAB/06/TR-06
 COPY FOR LAB NO.

Project Name		NGT Case No. 1375/ 2024		Test Report No.	Inst/FW/24-25/78
Sample Description		Chandraloi River Chandrasol, Kota		Requisition No.	106
Date of sample collection		24.01.2025		Date	31.01.2025
Date of sample receipt		26.01.2025		Type of sample	Grab
Date of analysis		28.01.2025 to 31.01.2025		Sample collected by	Dr. A Chaturvedi, Sh. R. Bandewar, RSPCB Kota Team
S.No.	Parameters	Unit	Result	Method	
1	Cadmium (as Cd)	mg/L	-	APHA 3111 B	
2	Chromium Total	mg/L	0.020	APHA 3111 B	
3	Copper (as Cu)	mg/L	0.086	APHA 3111 B	
4	Lead (as Pb)	mg/L	BDL	APHA 3111 B	
5	Nickel (as Ni)	mg/L	BDL	APHA 3111 B	
6	Zinc (as Zn)	mg/L	0.0106	APHA 3111 B	
7	Iron (as Fe)	mg/L	0.384	APHA 3111 B	
8	Manganese (as Mn)	mg/L	-	APHA 3111 B	
9	Cobalt (as Co)	mg/L	-	APHA 3111 B	
10	Boron (as B)	mg/L	-	APHA 3111 B	
11	Vanadium (as V)	mg/L	-	APHA 3111 B	
12	Arsenic (as As)	µg/L	-	APHA 3112-B	
13	Mercury (as Hg)	µg/L	-	APHA 3112-B	
14	Selenium (as Se)	µg/L	-	APHA 3112-B	
15	Tin (as Sn)	µg/L	-	APHA 3112-B	
16	Antimony (as Sb)	µg/L	-	APHA 3112-B	
17	α-BHC	µg/L	-	APHA 6630 B	
18	β-BHC	µg/L	-	APHA 6630 B	
19	γ- BHC (Lindane)	µg/L	-	APHA 6630 B	
20	δ-BHC	µg/L	-	APHA 6630 B	
21	Aldrin	µg/L	-	APHA 6630 B	
22	α-Endos.	µg/L	-	APHA 6630 B	
23	pp-DDE	µg/L	-	APHA 6630 B	
24	Dieldrin	µg/L	-	APHA 6630 B	
25	β-Endos.	µg/L	-	APHA 6630 B	
26	op-DDT	µg/L	-	APHA 6630 B	
27	pp-DDT	µg/L	-	APHA 6630 B	
28	Monocrotophos	µg/L	-	APHA 6630 B	
29	Dimethoate (DMT)	µg/L	-	APHA 6630 B	
30	M-Parathion (MPT)	µg/L	-	APHA 6630 B	
31	Malathion(MLT)	µg/L	-	APHA 6630 B	
32	Chloropyriphos	µg/L	-	APHA 6630 B	
33	Ethion	µg/L	-	APHA 6630 B	
34					
35					
36					

Prepared by:

मिलिन्द कुमार निमजे / Milind Kumar Nimje
 वैज्ञानिक-सहायक / Government Analyst
 क्षेत्रीय निदेशालय / Regional Directorate
 केन्द्रीय प्रदूषण नियंत्रण बोर्ड, भोपाल (म.प्र.)
 Central Pollution Control Board, Bhopal (M.P.)

Laboratory Head



143
 Central Pollution Control Board
 Regional Directorate (Central)
 "Parivesh Bhawan"
 Paryavaran Parisar, E-5, Arera Colony, Bhopal - 462016
 EPA Recognised Lab
 Test Report : Fresh Water (Instrumentation)

15
 QUOTE: []
 MASTER: []
 COPY FOR LAB. NO. F/LAB/06/TR-06

Project Name		NGT Case No. 1375/ 2024		Test Report No.	Inst/FW/24-25/79
Sample Description		Chandraloi River Ramkhedli pulia, Kota		Requisition No.	106
Date of sample collection		24.01.2025		Date	31.01.2025
Date of sample receipt		26.01.2025		Type of sample	Grab
Date of analysis		28.01.2025 to 31.01.2025		Sample collected by	Dr. A Chaturvedi, Sh. R. Bandewar, RSPCB Kota Team
S.No.	Parameters	Unit	Result	Method	
1	Cadmium (as Cd)	mg/L	-	APHA 3111 B	
2	Chromium Total	mg/L	BDL	APHA 3111 B	
3	Copper (as Cu)	mg/L	0.071	APHA 3111 B	
4	Lead (as Pb)	mg/L	BDL	APHA 3111 B	
5	Nickel (as Ni)	mg/L	BDL	APHA 3111 B	
6	Zinc (as Zn)	mg/L	0.0158	APHA 3111 B	
7	Iron (as Fe)	mg/L	0.591	APHA 3111 B	
8	Manganese (as Mn)	mg/L	-	APHA 3111 B	
9	Cobalt (as Co)	mg/L	-	APHA 3111 B	
10	Boron (as B)	mg/L	-	APHA 3111 B	
11	Vanadium (as V)	mg/L	-	APHA 3111 B	
12	Arsenic (as As)	µg/L	-	APHA 3112-B	
13	Mercury (as Hg)	µg/L	-	APHA 3112-B	
14	Selenium (as Se)	µg/L	-	APHA 3112-B	
15	Tin (as Sn)	µg/L	-	APHA 3112-B	
16	Antimony (as Sb)	µg/L	-	APHA 3112-B	
17	α-BHC	µg/L	-	APHA 6630 B	
18	β-BHC	µg/L	-	APHA 6630 B	
19	γ- BHC (Lindane)	µg/L	-	APHA 6630 B	
20	δ-BHC	µg/L	-	APHA 6630 B	
21	Aldrin	µg/L	-	APHA 6630 B	
22	α-Endos.	µg/L	-	APHA 6630 B	
23	pp-DDE	µg/L	-	APHA 6630 B	
24	Dieldrin	µg/L	-	APHA 6630 B	
25	β-Endos.	µg/L	-	APHA 6630 B	
26	op-DDT	µg/L	-	APHA 6630 B	
27	pp-DDT	µg/L	-	APHA 6630 B	
28	Monocrotophos	µg/L	-	APHA 6630 B	
29	Dimethoate (DMT)	µg/L	-	APHA 6630 B	
30	M-Parathion (MPT)	µg/L	-	APHA 6630 B	
31	Malathion(MLT)	µg/L	-	APHA 6630 B	
32	Chloropyriphos	µg/L	-	APHA 6630 B	
33	Ethion	µg/L	-	APHA 6630 B	
34					
35					
36					

Prepared by:

Laboratory Head
 मिलिन्द कुमार निमिजे Milind Kumar Nimje
 वैज्ञानिक-मैक्रो अणु एवं सरकारी विश्लेषक
 Scientist (Micro & Government Analyst
 क्षेत्रीय प्रयोगशाला, क्षेत्रीय निदेशक कार्यालय (म.प्र.)
 केन्द्रीय प्रदूषण नियंत्रण बोर्ड, भोपाल (म.प्र.)
 Central Pollution Control Board, Bhopal (M.P.)



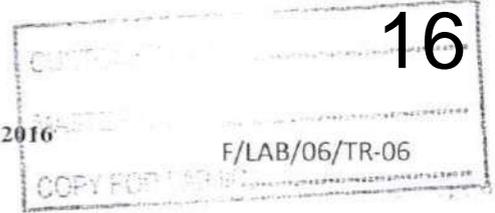
Central Pollution Control Board
Regional Directorate (Central)

"Parivesh Bhawan"

Paryavaran Parisar, E-5, Arera Colony, Bhopal - 462016

EPA Recognised Lab

Test Report : Fresh Water (Instrumentation)



16

144

Project Name		NGT Case No. 1375/ 2024		Test Report No.	Inst/FW/24-25/80
Sample Description		Chambal River after confluence Chandraloi River Manas village, Kota		Requisition No.	106
Date of sample collection		25.01.2025		Date	31.01.2025
Date of sample receipt		26.01.2025		Type of sample	Grab
Date of analysis		28.01.2025 to 31.01.2025		Sample collected by	Dr. A Chaturvedi, Sh. R. Bandewar, RSPCB Kota Team
S.No.	Parameters	Unit	Result	Method	
1	Cadmium (as Cd)	mg/L	-	APHA 3111 B	
2	Chromium Total	mg/L	0.009	APHA 3111 B	
3	Copper (as Cu)	mg/L	0.075	APHA 3111 B	
4	Lead (as Pb)	mg/L	BDL	APHA 3111 B	
5	Nickel (as Ni)	mg/L	BDL	APHA 3111 B	
6	Zinc (as Zn)	mg/L	BDL	APHA 3111 B	
7	Iron (as Fe)	mg/L	0.466	APHA 3111 B	
8	Manganese (as Mn)	mg/L	-	APHA 3111 B	
9	Cobalt (as Co)	mg/L	-	APHA 3111 B	
10	Boron (as B)	mg/L	-	APHA 3111 B	
11	Vanadium (as V)	mg/L	-	APHA 3111 B	
12	Arsenic (as As)	µg/L	-	APHA 3112-B	
13	Mercury (as Hg)	µg/L	-	APHA 3112-B	
14	Selenium (as Se)	µg/L	-	APHA 3112-B	
15	Tin (as Sn)	µg/L	-	APHA 3112-B	
16	Antimony (as Sb)	µg/L	-	APHA 3112-B	
17	α-BHC	µg/L	-	APHA 6630 B	
18	β-BHC	µg/L	-	APHA 6630 B	
19	γ- BHC (Lindane)	µg/L	-	APHA 6630 B	
20	δ-BHC	µg/L	-	APHA 6630 B	
21	Aldrin	µg/L	-	APHA 6630 B	
22	α-Endos.	µg/L	-	APHA 6630 B	
23	pp-DDE	µg/L	-	APHA 6630 B	
24	Dieldrin	µg/L	-	APHA 6630 B	
25	β-Endos.	µg/L	-	APHA 6630 B	
26	op-DDT	µg/L	-	APHA 6630 B	
27	pp-DDT	µg/L	-	APHA 6630 B	
28	Monocrotophos	µg/L	-	APHA 6630 B	
29	Dimethoate (DMT)	µg/L	-	APHA 6630 B	
30	M-Parathion (MPT)	µg/L	-	APHA 6630 B	
31	Malathion(MLT)	µg/L	-	APHA 6630 B	
32	Chloropyriphos	µg/L	-	APHA 6630 B	
33	Ethion	µg/L	-	APHA 6630 B	
34					
35					
36					

Prepared by:

मिनिन्द कुमार निम्पू, Minind Kumar Nimpoo
Schematic Lab Head & Government Analyst
केंद्रीय प्रदूषण नियंत्रण बोर्ड, बhopal (M.P.)
Central Pollution Control Board, Bhopal (M.P.)
 Laboratory Head



Central Pollution Control Board
Regional Directorate (Central)
"Parivesh Bhawan"
 Paryavaran Parisar, E-5, Arera Colony, Bhopal - 462016
 EPA Recognised Lab
Test Report : Waste Water(Instrumentation)

17
 CUSTOMER COPY
 F/LAB/06/TR-06
 COPY FOR LAB I/C

Project Name		NGT Case No. 1375/ 2024		Test Report No.	Inst/WW/24-25/196
Sample Description		Kansua Nalla before confluence to DCM Nalla, Kota		Requisition No.	164
Date of sample collection		24.01.2025		Date	31.01.2025
Date of sample receipt		26.01.2025		Type of sample	Grab
Date of analysis		28.01.2025 to 31.01.2025		Sample collected by	Dr. A Chaturvedi, Sh. R. Bandewar, RSPCB Kota Team
S.No.	Parameters	Unit	Result	Method	
1	Cadmium (as Cd)	mg/L	-	APHA 3111 B	
2	Chromium Total	mg/L	0.083	APHA 3111 B	
3	Copper (as Cu)	mg/L	0.073	APHA 3111 B	
4	Lead (as Pb)	mg/L	BDL	APHA 3111 B	
5	Nickel (as Ni)	mg/L	BDL	APHA 3111 B	
6	Zinc (as Zn)	mg/L	0.3931	APHA 3111 B	
7	Iron (as Fe)	mg/L	0.644	APHA 3111 B	
8	Manganese (as Mn)	mg/L	-	APHA 3111 B	
9	Cobalt (as Co)	mg/L	-	APHA 3111 B	
10	Boron (as B)	mg/L	-	APHA 3111 B	
11	Vanadium (as V)	mg/L	-	APHA 3111 B	
12	Arsenic (as As)	µg/L	-	APHA 3112-B	
13	Mercury (as Hg)	µg/L	-	APHA 3112-B	
14	Selenium (as Se)	µg/L	-	APHA 3112-B	
15	Tin (as Sn)	µg/L	-	APHA 3112-B	
16	Antimony (as Sb)	µg/L	-	APHA 3112-B	
17	α-BHC	µg/L	-	APHA 6630 B	
18	β-BHC	µg/L	-	APHA 6630 B	
19	γ- BHC (Lindane)	µg/L	-	APHA 6630 B	
20	δ-BHC	µg/L	-	APHA 6630 B	
21	Aldrin	µg/L	-	APHA 6630 B	
22	α-Endos.	µg/L	-	APHA 6630 B	
23	pp-DDE	µg/L	-	APHA 6630 B	
24	Dieldrin	µg/L	-	APHA 6630 B	
25	β -Endos.	µg/L	-	APHA 6630 B	
26	op-DDT	µg/L	-	APHA 6630 B	
27	pp-DDT	µg/L	-	APHA 6630 B	
28	Monocrotophos (MCP)	µg/L	-	APHA 6630 B	
29	Dimethoate (DMT)	µg/L	-	APHA 6630 B	
30	M-Parathion (MPT)	µg/L	-	APHA 6630 B	
31	Malathion(MLT)	µg/L	-	APHA 6630 B	
32	Chloropyriphos (CPP)	µg/L	-	APHA 6630 B	
33	Ethion	µg/L	-	APHA 6630 B	
34					
35					
36					

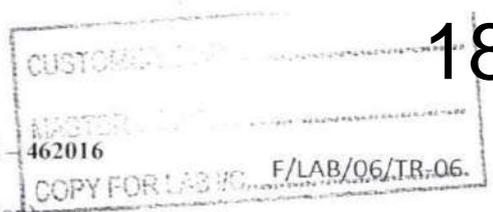
Prepared by:

गिरिज कृष्ण निमजे Girid Kumar Nimje
 वैज्ञानिक-01, लैबोरेटरी एवं सरकारी विश्लेषक
 Scientist-01, Lab In-charge, Government Analyst
 क्षेत्रीय पर्यावरण प्रदूषण नियंत्रण निदेशालय (रा.प्र.)
 केन्द्रीय प्रदूषण नियंत्रण बोर्ड, भोपाल (म.प्र.)
 Laboratory Head:



146

Central Pollution Control Board
Regional Directorate (Central)
"Parivesh Bhawan"
Paryavaran Parisar, E-5, Arera Colony, Bhopal - 462016
EPA Recognised Lab
Test Report : Waste Water(Instrumentation)



Project Name		NGT Case No. 1375/ 2024		Test Report No.	Inst/WW/24-25/197
Sample Description		M/s. DCM Shriram Fertilizer, Kota -ETP Final Outlet		Requisition No.	164
Date of sample collection		25.01.2025		Date	31.01.2025
Date of sample receipt		26.01.2025		Type of sample	Grab
Date of analysis		28.01.2025 to 31.01.2025		Sample collected by	Dr. A Chaturvedi, Sh. R. Bandewar, RSPCB Kota Team
S.No.	Parameters	Unit	Result	Method	
1	Cadmium (as Cd)	mg/L	-	APHA 3111 B	
2	Chromium Total	mg/L	0.020	APHA 3111 B	
3	Copper (as Cu)	mg/L	0.069	APHA 3111 B	
4	Lead (as Pb)	mg/L	0.020	APHA 3111 B	
5	Nickel (as Ni)	mg/L	BDL	APHA 3111 B	
6	Zinc (as Zn)	mg/L	0.125	APHA 3111 B	
7	Iron (as Fe)	mg/L	0.774	APHA 3111 B	
8	Manganese (as Mn)	mg/L	-	APHA 3111 B	
9	Cobalt (as Co)	mg/L	-	APHA 3111 B	
10	Boron (as B)	mg/L	-	APHA 3111 B	
11	Vanadium (as V)	mg/L	-	APHA 3111 B	
12	Arsenic (as As)	µg/L	-	APHA 3112-B	
13	Mercury (as Hg)	µg/L	-	APHA 3112-B	
14	Selenium (as Se)	µg/L	-	APHA 3112-B	
15	Tin (as Sn)	µg/L	-	APHA 3112-B	
16	Antimony (as Sb)	µg/L	-	APHA 3112-B	
17	α-BHC	µg/L	-	APHA 6630 B	
18	β-BHC	µg/L	-	APHA 6630 B	
19	γ- BHC (Lindane)	µg/L	-	APHA 6630 B	
20	δ-BHC	µg/L	-	APHA 6630 B	
21	Aldrin	µg/L	-	APHA 6630 B	
22	α-Endos.	µg/L	-	APHA 6630 B	
23	pp-DDE	µg/L	-	APHA 6630 B	
24	Dieldrin	µg/L	-	APHA 6630 B	
25	β-Endos.	µg/L	-	APHA 6630 B	
26	op-DDT	µg/L	-	APHA 6630 B	
27	pp-DDT	µg/L	-	APHA 6630 B	
28	Monocrotophos (MCP)	µg/L	-	APHA 6630 B	
29	Dimethoate (DMT)	µg/L	-	APHA 6630 B	
30	M-Parathion (MPT)	µg/L	-	APHA 6630 B	
31	Malathion(MLT)	µg/L	-	APHA 6630 B	
32	Chloropyriphos (CPP)	µg/L	-	APHA 6630 B	
33	Ethion	µg/L	-	APHA 6630 B	
34					
35					
36					

Prepared by:

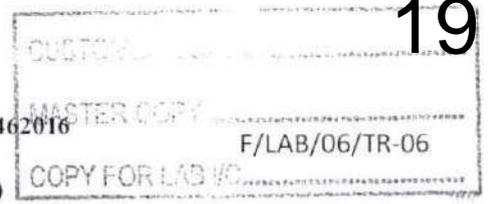
मलिनद कलर निमि Milled Kumar Nimje
 वैज्ञानिक-विशेषज्ञ एवं अवराना विश्लेषिक
 Scientist - Specialized Government Analyst
 क्षेत्रीय निदेशक, क्षेत्रीय निदेशकालय
 Regional Director, Regional Directorate
 (R.D.)
 Central Pollution Control Board, Bhopal (M.P.)

 Laboratory Head.



147

Central Pollution Control Board
Regional Directorate (Central)
"Parivesh Bhawan"
Paryavaran Parisar, E-5, Arera Colony, Bhopal – 462016
EPA Recognised Lab
Test Report : Waste Water(Instrumentation)



19

Project Name		NGT Case No. 1375/ 2024		Test Report No.	Inst/WW/24-25/198
Sample Description		M/s. Shriram Rayon, Kota ETP Final Outlet		Requisition No.	164
Date of sample collection		25.01.2025		Date	31.01.2025
Date of sample receipt		26.01.2025		Type of sample	Grab
Date of analysis		28.01.2025 to 31.01.2025		Sample collected by	Dr. A Chaturvedi, Sh. R. Bandewar, RSPCB Kota Team
S.No.	Parameters	Unit	Result	Method	
1	Cadmium (as Cd)	mg/L	-	APHA 3111 B	
2	Chromium Total	mg/L	BDL	APHA 3111 B	
3	Copper (as Cu)	mg/L	0.072	APHA 3111 B	
4	Lead (as Pb)	mg/L	0.072	APHA 3111 B	
5	Nickel (as Ni)	mg/L	BDL	APHA 3111 B	
6	Zinc (as Zn)	mg/L	1.7656	APHA 3111 B	
7	Iron (as Fe)	mg/L	0.803	APHA 3111 B	
8	Manganese (as Mn)	mg/L	-	APHA 3111 B	
9	Cobalt (as Co)	mg/L	-	APHA 3111 B	
10	Boron (as B)	mg/L	-	APHA 3111 B	
11	Vanadium (as V)	mg/L	-	APHA 3111 B	
12	Arsenic (as As)	µg/L	-	APHA 3112-B	
13	Mercury (as Hg)	µg/L	-	APHA 3112-B	
14	Selenium (as Se)	µg/L	-	APHA 3112-B	
15	Tin (as Sn)	µg/L	-	APHA 3112-B	
16	Antimony (as Sb)	µg/L	-	APHA 3112-B	
17	α-BHC	µg/L	-	APHA 6630 B	
18	β-BHC	µg/L	-	APHA 6630 B	
19	γ- BHC (Lindane)	µg/L	-	APHA 6630 B	
20	δ-BHC	µg/L	-	APHA 6630 B	
21	Aldrin	µg/L	-	APHA 6630 B	
22	α-Endos.	µg/L	-	APHA 6630 B	
23	pp-DDE	µg/L	-	APHA 6630 B	
24	Dieldrin	µg/L	-	APHA 6630 B	
25	β -Endos.	µg/L	-	APHA 6630 B	
26	op-DDT	µg/L	-	APHA 6630 B	
27	pp-DDT	µg/L	-	APHA 6630 B	
28	Monocrotophos (MCP)	µg/L	-	APHA 6630 B	
29	Dimethoate (DMT)	µg/L	-	APHA 6630 B	
30	M-Parathion (MPT)	µg/L	-	APHA 6630 B	
31	Malathion(MLT)	µg/L	-	APHA 6630 B	
32	Chloropyriphos (CPP)	µg/L	-	APHA 6630 B	
33	Ethion	µg/L	-	APHA 6630 B	
34					
35					
36					

Prepared by: *An*

शिवराम कुमार शिवराम/SHIVRAM KUMAR KUMAR
वैज्ञानिक-विशेषज्ञ/Scientist-1
Scientist-1 (Lab. Head) & Government Analyst
क्षेत्रीय निदेशक/Regional Director
केन्द्रीय प्रदूषण नियंत्रण बोर्ड, भोपाल (म.प्र.)
Central Pollution Control Board, Bhopal (M.P.)

[Signature]
Laboratory Head:



148

Central Pollution Control Board
Regional Directorate (Central)
"Parivesh Bhawan"
Paryavaran Parisar, E-5, Arera Colony, Bhopal - 462016
EPA Recognised Lab
Test Report : Waste Water(Instrumentation)

20

CUSTOMER ID: _____
MASTER COPY: _____
F/LAB/06/TR-06
COPY FOR LAB I/C: _____

Project Name		NGT Case No. 1375/ 2024		Test Report No.	Inst/WW/24-25/199
Sample Description		Kansua Nalla after confluence to DCM Nalla, Kota		Requisition No.	164
Date of sample collection		24.01.2025		Date	31.01.2025
Date of sample receipt		26.01.2025		Type of sample	Grab
Date of analysis		28.01.2025 to 31.01.2025		Sample collected by	Dr. A Chaturvedi, Sh. R. Bandewar, RSPCB Kota Team
S.No.	Parameters	Unit	Result	Method	
1	Cadmium (as Cd)	mg/L	-	APHA 3111 B	
2	Chromium Total	mg/L	BDL	APHA 3111 B	
3	Copper (as Cu)	mg/L	0.091	APHA 3111 B	
4	Lead (as Pb)	mg/L	BDL	APHA 3111 B	
5	Nickel (as Ni)	mg/L	BDL	APHA 3111 B	
6	Zinc (as Zn)	mg/L	1.2528	APHA 3111 B	
7	Iron (as Fe)	mg/L	1.109	APHA 3111 B	
8	Manganese (as Mn)	mg/L	-	APHA 3111 B	
9	Cobalt (as Co)	mg/L	-	APHA 3111 B	
10	Boron (as B)	mg/L	-	APHA 3111 B	
11	Vanadium (as V)	mg/L	-	APHA 3111 B	
12	Arsenic (as As)	µg/L	-	APHA 3112-B	
13	Mercury (as Hg)	µg/L	-	APHA 3112-B	
14	Selenium (as Se)	µg/L	-	APHA 3112-B	
15	Tin (as Sn)	µg/L	-	APHA 3112-B	
16	Antimony (as Sb)	µg/L	-	APHA 3112-B	
17	α-BHC	µg/L	-	APHA 6630 B	
18	β-BHC	µg/L	-	APHA 6630 B	
19	γ- BHC (Lindane)	µg/L	-	APHA 6630 B	
20	δ-BHC	µg/L	-	APHA 6630 B	
21	Aldrin	µg/L	-	APHA 6630 B	
22	α-Endos.	µg/L	-	APHA 6630 B	
23	pp-DDE	µg/L	-	APHA 6630 B	
24	Dieldrin	µg/L	-	APHA 6630 B	
25	β-Endos.	µg/L	-	APHA 6630 B	
26	op-DDT	µg/L	-	APHA 6630 B	
27	pp-DDT	µg/L	-	APHA 6630 B	
28	Monocrotophos (MCP)	µg/L	-	APHA 6630 B	
29	Dimethoate (DMT)	µg/L	-	APHA 6630 B	
30	M-Parathion (MPT)	µg/L	-	APHA 6630 B	
31	Malathion(MLT)	µg/L	-	APHA 6630 B	
32	Chloropyriphos (CPP)	µg/L	-	APHA 6630 B	
33	Ethion	µg/L	-	APHA 6630 B	
34					
35					
36					

Prepared by:

Scientist & Government Analyst
 Regional Directorate
 Central Pollution Control Board, Bhopal (M.P.)
 Laboratory Head:



Central Pollution Control Board
Regional Directorate (Central)
"Parivesh Bhawan"
Paryavaran Parisar, E-5, Arera Colony, Bhopal – 462016
EPA Recognised Lab
Test Report : Waste Water(Instrumentation)

21
 CUSTOMER COPY
 MASTER COPY
 F/LAB/06/TR-06
 COPY FOR LAB USE

Project Name		NGT Case No. 1375/ 2024		Test Report No.	InstWW/24-25/200
Sample Description		15 MLD STP, Kala Talab, Kota -Final Outlet		Requisition No.	164
Date of sample collection		25.01.2025		Date	31.01.2025
Date of sample receipt		26.01.2025		Type of sample	Grab
Date of analysis		28.01.2025 to 31.01.2025		Sample collected by	Dr. A Chaturvedi, Sh. R. Bandewar, RSPCB Kota Team
S.No.	Parameters	Unit	Result	Method	
1	Cadmium (as Cd)	mg/L	-	APHA 3111 B	
2	Chromium Total	mg/L	BDL	APHA 3111 B	
3	Copper (as Cu)	mg/L	0.05	APHA 3111 B	
4	Lead (as Pb)	mg/L	BDL	APHA 3111 B	
5	Nickel (as Ni)	mg/L	BDL	APHA 3111 B	
6	Zinc (as Zn)	mg/L	0.0259	APHA 3111 B	
7	Iron (as Fe)	mg/L	0.546	APHA 3111 B	
8	Manganese (as Mn)	mg/L	-	APHA 3111 B	
9	Cobalt (as Co)	mg/L	-	APHA 3111 B	
10	Boron (as B)	mg/L	-	APHA 3111 B	
11	Vanadium (as V)	mg/L	-	APHA 3111 B	
12	Arsenic (as As)	µg/L	-	APHA 3112-B	
13	Mercury (as Hg)	µg/L	-	APHA 3112-B	
14	Selenium (as Se)	µg/L	-	APHA 3112-B	
15	Tin (as Sn)	µg/L	-	APHA 3112-B	
16	Antimony (as Sb)	µg/L	-	APHA 3112-B	
17	α-BHC	µg/L	-	APHA 6630 B	
18	β-BHC	µg/L	-	APHA 6630 B	
19	γ- BHC (Lindane)	µg/L	-	APHA 6630 B	
20	δ-BHC	µg/L	-	APHA 6630 B	
21	Aldrin	µg/L	-	APHA 6630 B	
22	α-Endos.	µg/L	-	APHA 6630 B	
23	pp-DDE	µg/L	-	APHA 6630 B	
24	Dieldrin	µg/L	-	APHA 6630 B	
25	β-Endos.	µg/L	-	APHA 6630 B	
26	op-DDT	µg/L	-	APHA 6630 B	
27	pp-DDT	µg/L	-	APHA 6630 B	
28	Monocrotophos (MCP)	µg/L	-	APHA 6630 B	
29	Dimethoate (DMT)	µg/L	-	APHA 6630 B	
30	M-Parathion (MPT)	µg/L	-	APHA 6630 B	
31	Malathion(MLT)	µg/L	-	APHA 6630 B	
32	Chloropyriphos (CPP)	µg/L	-	APHA 6630 B	
33	Ethion	µg/L	-	APHA 6630 B	
34					
35					
36					

Prepared by: *[Signature]*

मिलिन्द कुमार मिश्रा Milind Kumar Mishra
 वैज्ञानिक-प्रथम श्रेणी, सार्वजनिक प्रयोगशाला,
 Scientist - Grade-I, Govt. Analyst Laboratory Head
 क्षेत्रीय प्रदूषण नियंत्रण निदेशालय (केंद्र), भोपाल (M.P.)
 Central Pollution Control Board, Bhopal (M.P.)



Central Pollution Control Board
Regional Directorate (Central)
"Parivesh Bhawan"

Paryavaran Parisar, E-5, Arera Colony, Bhopal - 462016

EPA Recognised Lab

Test Report : Fresh Water (Instrumentation)

22

CUSTOMER COPY
MASTER COPY F/LAB/06/TR-06
COPY FOR LAB I/C

Project Name		NGT Case No. 1375/2024		Test Report No.	Inst/FW/24-25/77
Sample Description		Chandraloi River upstream from before confluence Kansua Nalla Kavarpur, Kota		Requisition No.	106
Date of sample collection		25.01.2025		Date	31.01.2025
Date of sample receipt		26.01.2025		Type of sample	Grab
Date of analysis		28.01.2025 to 31.01.2025		Sample collected by	Dr. A Chaturvedi, Sh. R. Bandewar, RSPCB Kota Team
S.No.	Parameters	Unit	Result	Method	
1	Cadmium (as Cd)	mg/L	-	APHA 3111 B	
2	Chromium Total	mg/L	0.02	APHA 3111 B	
3	Copper (as Cu)	mg/L	0.066	APHA 3111 B	
4	Lead (as Pb)	mg/L	BDL	APHA 3111 B	
5	Nickel (as Ni)	mg/L	BDL	APHA 3111 B	
6	Zinc (as Zn)	mg/L	0.0188	APHA 3111 B	
7	Iron (as Fe)	mg/L	0.538	APHA 3111 B	
8	Manganese (as Mn)	mg/L	-	APHA 3111 B	
9	Cobalt (as Co)	mg/L	-	APHA 3111 B	
10	Boron (as B)	mg/L	-	APHA 3111 B	
11	Vanadium (as V)	mg/L	-	APHA 3111 B	
12	Arsenic (as As)	µg/L	-	APHA 3112-B	
13	Mercury (as Hg)	µg/L	-	APHA 3112-B	
14	Selenium (as Se)	µg/L	-	APHA 3112-B	
15	Tin (as Sn)	µg/L	-	APHA 3112-B	
16	Antimony (as Sb)	µg/L	-	APHA 3112-B	
17	α-BHC	µg/L	-	APHA 6630 B	
18	β-BHC	µg/L	-	APHA 6630 B	
19	γ-BHC (Lindane)	µg/L	-	APHA 6630 B	
20	δ-BHC	µg/L	-	APHA 6630 B	
21	Aldrin	µg/L	-	APHA 6630 B	
22	α-Endos.	µg/L	-	APHA 6630 B	
23	pp-DDE	µg/L	-	APHA 6630 B	
24	Dieldrin	µg/L	-	APHA 6630 B	
25	β-Endos.	µg/L	-	APHA 6630 B	
26	op-DDT	µg/L	-	APHA 6630 B	
27	pp-DDT	µg/L	-	APHA 6630 B	
28	Monocrotophos	µg/L	-	APHA 6630 B	
29	Dimethoate (DMT)	µg/L	-	APHA 6630 B	
30	M-Parathion (MPT)	µg/L	-	APHA 6630 B	
31	Malathion(MLT)	µg/L	-	APHA 6630 B	
32	Chloropyriphos	µg/L	-	APHA 6630 B	
33	Ethion	µg/L	-	APHA 6630 B	
34					
35					
36					

Prepared by:

Scientist and Government Analyst
 Central Pollution Control Board, Bhopal (M.P.)
 Laboratory Head

केन्द्रीय प्रदूषण नियंत्रण बोर्ड आंचलिक प्रयोगशाला		Central Pollution Control Board Zonal Laboratory	
Doc No. CB/ZLN/QR/7.8/2/1	Issue No. : 01	Dt of Issue : 16.08.2022	Page No. : 1 of 1
Amendment no. : 00/05	Amendment Dt: 00	Approved by : TM	Issued by: QM
पिकप भवन , विभूति खण्ड, गोमती नगर, लखनऊ		PICUP Bhawan, Vibhuti Khand, Gomtinagar, Lucknow	
फ़ोन : 0522 : 4087600,4087700		Phone : 0522- 4087600,4087700	
फैक्स : 0522 : 4087602		Fax : 0522 - 4087602	

S.No. F/2025/20 (P)

FRESH WATER
TEST REPORT

	Date of test report:05/02/2025	Date/period of testing:03/02/2025
1	परियोजना /Project/Test Programme	NGT
2	नमूने का स्रोत /मूजल /सरिता /अन्य/Sample Source (STP/ETP/Drain/any other)	Surface water
3	नमूने का प्रकार /गैब/कम्पोजिट/Type of Sample (Grab/Composite)	Grab
4	नमूने एकत्र करने वाले व्यक्ति का विवरण/ Sample Collected/Deposited by	Sh. Shiv Singh Kushwaha, JLA
5	नमूना एकत्रीकरण की तिथि/Date of Sample collection	24/01/2025
6	प्रयोगशाला में नमूना प्राप्ति की तिथि/Date of sample receipt in laboratory	29/01/2025
7	नमूना एकत्रण पद्धति/Sampling procedure.....Please Refer.....	CB/ZLN/SOP/7.3/2 Issue No. 01
8	विश्लेषण हेतु आवेदनकर्ता/Analysis indented by	Sh. P. Jagan, Regional Director Bhopal

क्रम सं. S. No.	पैरामीटर Parameter	इकाई Unit	नमूनों का विवरण/कोड इत्यादि Description of sample/Code etc.				
			RD BPL FW/24- 25/77	RD BPL FW/24- 25/78	RD BPL FW/24- 25/79	RD BPL FW/24- 25/80	RD BPL WW/24- 25/199
1	α-बी.एच.सी./ α-BHC	माइक्रो.घा./लि. μg/L	NT	0.036	NT	NT	0.001
2	β-बी.एच.सी./ β-BHC	माइक्रो.घा./लि. μg/L	0.048	0.034	0.012	0.004	0.003
3	γ-बी.एच.सी./ γ-BHC	माइक्रो.घा./लि. μg/L	NT	NT	NT	NT	NT
4	δ-बी.एच.सी./ δ -BHC	माइक्रो.घा./लि. μg/L	NT	NT	0.029	NT	0.031
5	एल्ड्रिन/Aldrin	माइक्रो.घा./लि. μg/L	NT	0.021	0.049	0.005	0.023
6	क्लोरोपाईरीफॉस/Chlorpyrifos	माइक्रो.घा./लि. μg/L	NT	NT	NT	NT	NT
7	इंडोसल्फान-I/Endosulfan-I	माइक्रो.घा./लि. μg/L	0.013	NT	0.029	NT	0.014
8	4,4 डीडीई/4,4 DDE	माइक्रो.घा./लि. μg/L	0.042	NT	0.013	NT	0.006
9	इंडोसल्फान-II/Endosulfan-II	माइक्रो.घा./लि. μg/L	0.010	0.043	0.023	NT	0.045
10	2,4डीडीटी/2,4 DDT	माइक्रो.घा./लि. μg/L	NT	0.101	NT	NT	NT
11	4,4डीडीटी/4,4 DDT	माइक्रो.घा./लि. μg/L	NT	NT	0.008	NT	NT

विश्लेषण विधि हेतु कृ.प.उ./Test methods followed are appended overleaf

CODE	Description
RD BPL FW/24-25/77	Surface water
RD BPL FW/24-25/78	Surface water
RD BPL FW/24-25/79	Surface water
RD BPL FW/24-25/80	Surface water
RD BPL WW/24-25/199	Surface water

End of Test Report

Poonam
5/2/25
(Poonam Pandey)

आख्या बनाने वाले के हस्ताक्षर/Prepared by (Name & Sign)

Anamika
05/02/25

(डॉ० अनामिका सिंह)
वैज्ञानिक 'ग' एवं प्रमारी प्रयोगशाला
के० प्र० नि० बोर्ड, लखनऊ

अधिकृत हस्ताक्षरकर्ता/Authorized Signatory

Note : 1. The results in the Test Report relate only to the items tested ; 2. The report shall not be reproduced except in full, without the written permission of laboratory

Parameters	Test Method
α -BHC	APHA 6630A,B & C Page No.6-121 To 134 22 nd Edition 2012
β -BHC	APHA 6630A,B & C Page No.6-121 To 134 22 nd Edition 2012
γ -BHC	APHA 6630A,B & C Page No.6-121 To 134 22 nd Edition 2012
δ -BHC	APHA 6630A,B & C Page No.6-121 To 134 22 nd Edition 2012
Aldrin	APHA 6630A,B & C Page No.6-121 To 134 22 nd Edition 2012
Chlorpyrifos	US EPA 8141B Rev.2 Feb, 2007
Endosulfan-I	APHA 6630A,B & C Page No.6-121 To 134 22 nd Edition 2012
4,4 DDE	APHA 6630A,B & C Page No.6-121 To 134 22 nd Edition 2012
Endosulfan-II	APHA 6630A,B & C Page No.6-121 To 134 22 nd Edition 2012
2,4 DDT	APHA 6630A,B & C Page No.6-121 To 134 22 nd Edition 2012
4,4 DDT	APHA 6630A,B & C Page No.6-121 To 134 22 nd Edition 2012

1. American Public Health Association (APHA)

2. IS – Indian Standard

Abbreviation : NT – Not traceable

Regional Directorate (Central)

Central Pollution Control Board

"Parivesh Bhawan", Paryavaran Parisar, E-5, Arera Colony,

Bhopal-462016

Tel: 0755-2775385/86, Fax: 0755-2775587

EPA Recognized Lab-2015

TEST REPORT**Bio Monitoring/Analysis Report**

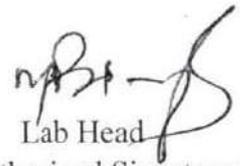
Project Name		Honorable NGT Case no. 1375/2024	
Sample from:		Chandraloi River	Req. No: 106
Sample Description:		Chandraloi River at Anicute Pulia, Kota	Test Report No:
Date of Collection:		25/01/2025	Registration No: FW/24-25/78
Date of Receipt:		26/01/2025	Date: 31/01/2025
Date of analysis:		29/01/2025	Type of sample: Composite
		Sample collected by	Dr. Anoop Chaturvedi, Sh. R. Bandewar and RSPCB, Kota Team
S.No.	Parameters	Result	Method
1.	Saprobic Score	4.5	Biological Water Quality Criteria Based on Saprobic & Diversity Score.
2.	Diversity Score	0.33	
3.	Water Quality	Heavy Pollution	
4.	Water Quality Class	D	
5.	Indicator Colour	Orange	



Monitoring By:



Analyze By:


Lab Head
Authorized Signatory

मिलिन्द कुमार निमिणे / Milind Kumar Nimine
 वैज्ञानिक-01, क्षेत्र प्रमुख एवं सरकारी विश्लेषक
 Scientist-01 Lab Head & Government Analyst
 क्षेत्रीय निदेशालय / Regional Directorate
 केन्द्रीय प्रदूषण नियंत्रण बोर्ड, भोपाल (म.प्र.)
 Central Pollution Control Board, Bhopal (M.P.)

Regional Directorate (Central)
Central Pollution Control Board"Parivesh Bhawan", Paryavaran Parisar, E-5, Arera Colony,
Bhopal-462016

Tel: 0755-2775385/86, Fax: 0755-2775587

EPA Recognized Lab-2015

TEST REPORT

Bio Monitoring/Analysis Report

Project Name		Honorable NGT Case no. 1375/2024	
Sample from:		Chandraloi River	Req. No:106
Sample Description:		Chandraloi River at Ramkhedli Pulia, Kota	Test Report No:
Date of Collection:		25/01/2025	Registration No: FW/24-25/79
Date of Receipt:		26/01/2025	Date: 31/01/2025
Date of analysis:		29/01/2025	Type of sample: Composite
		Sample collected by	Dr. Anoop Chaturvedi, Sh. R. Bandewar and RSPCB, Kota Team
S.No.	Parameters	Result	Method
1.	Saprobic Score	3.6	Biological Water Quality Criteria Based on Saprobic & Diversity Score.
2.	Diversity Score	0.33	
3.	Water Quality	Heavy Pollution	
4.	Water Quality Class	D	
5.	Indicator Colour	Orange	



Monitoring By:



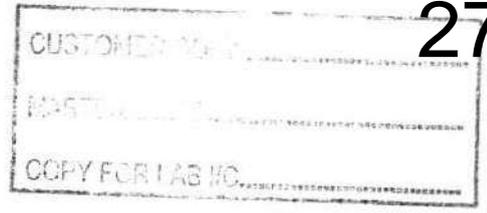
Analyze By:



Lab Head

Authorized Signatory

मिडिल कुमार मिर्जे / Mridul Kumar Mirje
पेक्वनिशियन, एम. ए. प्रमुख एवं सार्वजनिक विश्लेषक
Scientist-C Lab Head & Government Analyst
क्षेत्रीय निदेशालय / Regional Directorate
केंद्रीय प्रदूषण नियंत्रण बोर्ड, भोपाल (म.प्र.)
Central Pollution Control Board, Bhopal (M.P.)



Regional Directorate (Central)
Central Pollution Control Board
 "Parivesh Bhawan", Paryavaran Parisar, E-5, Arera Colony,
 Bhopal-462016
 Tel: 0755-2775385/86, Fax: 0755-2775587
 EPA Recognized Lab-2015

TEST REPORT

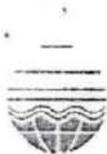
Bio Monitoring/Analysis Report

Project Name		Honorable NGT Case no. 1375/2024		
Sample from:		River Chambal at Kota	Req. No:	Test Report No:
Sample Description:		River Chambal A/C Chandraloi River	Registration No:	FW/24-25/80
Date of Collection:		25/01/2025	Type of sample:	31/01/2025
			Composite	
Date of Receipt:		26/01/2025	Sample collected by Dr. Anoop Chaturvedi, Sh. R. Bandewar and RSPCB, Kota Team	
Date of analysis:		29/01/2025		
S.No.	Parameters	Result	Method	
1.	Saprobic Score	5.7	Biological Water Quality Criteria Based on Saprobic & Diversity Score.	
2.	Diversity Score	0.42		
3.	Water Quality	Moderate Pollution		
4.	Water Quality Class	C		
5.	Indicator Colour	Green		

Monitoring By:

Analyze By:

Lab Head
 Authorized Signatory
 मलिन कर्मा मलिन कर्मा Karmar Mande
 मलिन कर्मा मलिन कर्मा मलिन कर्मा मलिन कर्मा
 Sulent Mande, Lab Head and Government Analyst
 क्षेत्रीय प्रदूषण नियंत्रण बोर्ड, अराेरा (म.प्र.)
 Regional Pollution Control Board, Arera (M.P.)
 Central Pollution Control Board, Bhopal (M.P.)



REGIONAL OFFICE

Tele: 0744 -2490873

क्षेत्रीय कार्यालय

RAJASTHAN STATE POLLUTION CONTROL BOARD

राजस्थान राज्य प्रदूषण नियंत्रण मण्डल

Plot No. 2A, Road No. 6, Indraprastha Industrial Area, Kota (Rajasthan)

RPCB/ROK/Lab/Gen.-45/2218

Date:- 7/2/25

The Regional Officer,
Rajasthan State Pollution Control Board,
Kota.

Subject: - Analysis reports of water/waste water sample.

Sir,

Please find herewith analysis reports no 7119-7124 for water/waste water samples for kind perusal and further necessary action.

Enclosed: - As above

Yours Sincerely

Lab Incharge

FORM - X**RAJASTHAN STATE POLLUTION CONTROL BOARD****REPORT OF THE STATE BOARD ANALYST**

(See Rule - 24)

Report No. : 7119

Report On : 07/02/2025

I hereby certify that I Ms Rinku Singhal, State Board Analyst duly appointed under sub Section(3) of Section 53 of the Water (Prevention & Control of Pollution) Act, 1974 received on the 25/01/2025 from KIRAN KUMARI VAISHNAV, JSO, Kota ,RSPCB Kota a sample of Waste Water of M/S DCM SCL, Kota , Plant - , , City- Shriram Nagar Tehsil- Ladpura , District- Kota Collected from Final Outlet DCM Shriram Kota Collected on 25/01/2025. The Sample was in a condition fit for analysis as reported below :-

I further certify that I have analyzed the aforementioned sample on 07/02/2025 and declare the result of the analysis to be as below :-

S. No.	Parameters	Result
1	Bio-Assay Test LC.....gms,....% by volume of the sample	100% survival of fish after 96hrs in 100% effluent

The condition of the seals, fastening and container on receipt was as follows : **Intact**

Signed This On 07/02/2025

Ms Rinku Singhal**BOARD ANALYST**

Rajasthan State Pollution Control Board

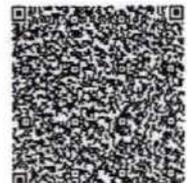
Regional Office Kota

SPL-2A, Road no. 6, Indrapasth Ind. Area, Kota

Phone: 0744-2490873

Signature valid

Digitally signed by Rinkoo Singhal
Date: 2025.02.07 13:34 IST
Reason: Self signed
Location:



FORM - X

RAJASTHAN STATE POLLUTION CONTROL BOARD

REPORT OF THE STATE BOARD ANALYST

(See Rule - 24)

Report No. : 7120

Report On : 07/02/2025

I hereby certify that I Ms Rinku Singhal, State Board Analyst duly appointed under sub Section(3) of Section 53 of the Water (Prevention & Control of Pollution) Act, 1974 received on the 25/01/2025 from KIRAN KUMARI VAISHNAV, JSO, Kota ,RSPCB Kota a sample of Waste Water of M/S Shriram Rayons , Plant - , , Tehsil- Ladpura , District- Kota Collected from Final Outlet Shriram Rayon Kota Collected on 25/01/2025. The Sample was in a condition fit for analysis as reported below :-

I further certify that I have analyzed the aforementioned sample on 07/02/2025 and declare the result of the analysis to be as below :-

S. No.	Parameters	Result
1	Bio-Assay Test LC.....gms,....% by volume of the sample	100% survival of fish after 96hrs in 100% effluent

The condition of the seals, fastening and container on receipt was as follows : Intact

Signed This On 07/02/2025

Ms Rinku Singhal

BOARD ANALYST

Rajasthan State Pollution Control Board

Regional Office Kota

SPL-2A, Road no. 6, Indrapasth Ind. Area, Kota

Phone: 0744-2490873

Signature valid

Digitally signed by Rinkoo Singhal
Date: 2025.02.07 15:20 IST
Reason: Self Attested
Location:



FORM - X

RAJASTHAN STATE POLLUTION CONTROL BOARD

REPORT OF THE STATE BOARD ANALYST

(See Rule - 24)

Report No. : 7121

Report On : 07/02/2025

I hereby certify that I Ms Rinku Singhal, State Board Analyst duly appointed under sub Section(3) of Section 53 of the Water (Prevention & Control of Pollution) Act, 1974 received on the 25/01/2025 from KIRAN KUMARI VAISHNAV, JSO, Kota ,RSPCB Kota a sample of Water of Chandraloi River, Ladpura , Kota , Collected from River Chandraloi near Chandrsal math anicut Kota Collected on 24/01/2025. The Sample was in a condition fit for analysis as reported below :-

I further certify that I have analyzed the aforementioned sample on 07/02/2025 and declare the result of the analysis to be as below :-

S. No.	Parameters	Result
1	Bio-Assay Test LC.....gms,....% by volume of the sample	90% survival of fish after 96hrs in 100% effluent

The condition of the seals, fastening and container on receipt was as follows : **Intact**

Signed This On 07/02/2025

Ms Rinku Singhal

BOARD ANALYST

Rajasthan State Pollution Control Board

Regional Office Kota

SPL-2A, Road no. 6, Indrapasth Ind. Area, Kota

Phone: 0744-2490873

Signature valid

Digitally signed by Rinkoo Singhal
Date: 2025.02.07 16:46:31 IST
Reason: Self Attested
Location:



FORM - X

RAJASTHAN STATE POLLUTION CONTROL BOARD

REPORT OF THE STATE BOARD ANALYST

(See Rule - 24)

Report No. : 7122

Report On : 07/02/2025

I hereby certify that I Ms Rinku Singhal, State Board Analyst duly appointed under sub Section(3) of Section 53 of the Water (Prevention & Control of Pollution) Act, 1974 received on the 25/01/2025 from KIRAN KUMARI VAISHNAV, JSO, Kota ,RSPCB Kota a sample of Water of Chandraloi River, Ladpura , Kota , Collected from River Chandraloi Ramkhedli bridge Kota Collected on 24/01/2025. The Sample was in a condition fit for analysis as reported below :-

I further certify that I have analyzed the aforementioned sample on 07/02/2025 and declare the result of the analysis to be as below :-

S. No.	Parameters	Result
1	Bio-Assay Test LC.....gms,....% by volume of the sample	90% survival of fish after 96 hrs in 100% effluent

The condition of the seals, fastening and container on receipt was as follows : Intact

Signed This On 07/02/2025

Ms Rinku Singhal

BOARD ANALYST

Rajasthan State Pollution Control Board

Regional Office Kota

SPL-2A, Road no. 6, Indrapasth Ind. Area, Kota

Phone: 0744-2490873

Signature valid

Digitally signed by Rinkoo Singhal
Date: 2025.02.07 15:48:34 IST
Reason: Self Attested
Location:



FORM - X

RAJASTHAN STATE POLLUTION CONTROL BOARD

REPORT OF THE STATE BOARD ANALYST

(See Rule - 24)

Report No. : 7123

Report On : 07/02/2025

I hereby certify that I Ms Rinku Singhal, State Board Analyst duly appointed under sub Section(3) of Section 53 of the Water (Prevention & Control of Pollution) Act, 1974 received on the 25/01/2025 from KIRAN KUMARI VAISHNAV, JSO, Kota ,RSPCB Kota a sample of Water of Chandraloi River, Ladpura , Kota , Collected from River Chandraloi Upstream Kanwarpura village Collected on 25/01/2025. The Sample was in a condition fit for analysis as reported below :-
I further certify that I have analyzed the aforementioned sample on 07/02/2025 and declare the result of the analysis to be as below :-

S. No.	Parameters	Result
1	Bio-Assay Test LC.....gms,....% by volume of the sample	100% survival of fish after 96hrs in 100% effluent

The condition of the seals, fastening and container on receipt was as follows : **Intact**

Signed This On 07/02/2025

Ms Rinku Singhal

BOARD ANALYST

Rajasthan State Pollution Control Board

Regional Office Kota

SPL-2A, Road no. 6, Indrapasth Ind. Area, Kota

Phone: 0744-2490873

Signature valid

Digitally signed by Rinkoo Singhal
Date: 2025.02.07 16:50:18 IST
Reason: Self Attested
Location:



FORM - X

RAJASTHAN STATE POLLUTION CONTROL BOARD

REPORT OF THE STATE BOARD ANALYST

(See Rule - 24)

Report No. : 7124

Report On : 07/02/2025

I hereby certify that I Ms Rinku Singhal, State Board Analyst duly appointed under sub Section(3) of Section 53 of the Water (Prevention & Control of Pollution) Act, 1974 received on the 25/01/2025 from KIRAN KUMARI VAISHNAV, JSO, Kota ,RSPCB Kota a sample of Water of River Chambal , Manas Gaon, Kota , Collected from Chambal River A/C Chandraloi river near Manas village Kota Collected on 25/01/2025. The Sample was in a condition fit for analysis as reported below :-

I further certify that I have analyzed the aforementioned sample on 07/02/2025 and declare the result of the analysis to be as below :-

S. No.	Parameters	Result
1	Bio-Assay Test LC.....gms,....% by volume of the sample	100% survival of fish after 96hrs in 100% effluent

The condition of the seals, fastening and container on receipt was as follows : Intact

Signed This On 07/02/2025

Ms Rinku Singhal

BOARD ANALYST

Rajasthan State Pollution Control Board

Regional Office Kota

SPL-2A, Road no. 6, Indrapasth Ind. Area, Kota

Phone: 0744-2490873

Signature valid

Digitally signed by Rinkoo Singhal
Date: 2025.02.07 16:56:09 IST
Reason: Self Attested
Location:

