



INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



EMAIL : indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

TEST REPORT

Date: 26.03.2024	: Report No: ICI/HL/W/RN-282/2024	Format No: ICI/FM/H/67
Customer Name	: M/s. BHARATIYA RESERVE BANK NOTE MUDRAN (P) LTD.	Sample ID No : 2024/W-282
Address	: P.O. – R.B.N.M.L., Salboni, Paschim Medinipur, PIN – 721 132	Sampling Date : 14.03.2024
#Customer Representative Name & Contact Number	: Mr. Naveen Raja Mob. No. +91-9494743329	Sampling Time : 12:00 PM
		Analysis Start Date : 16.03.2024
		Analysis Complete Date : 23.03.2024
#Work Order No.	: 002/SAL/MMD-CIVIL/2021-22, Dtd. 18.06.2021 Amendment No: 1 Dtd. 17.05.2022 BMM NO.: 1722/(S)07.07.06/TE-010(2020-21)/2023-24, Dtd. 08.06.2023	
#Sample Description	: SEWAGE WATER	
Sample Condition	: In Plastic Bottle & Glass Bottle	
Sampling Method	: IS:3025 (Part I): 1987 (RA 2019), APHA 24 th Edition, 2023	
#Location	: STP - 1 OUTLET	

Sl. No.	Parameters	Unit	Result	Schedule – VI: General Standards for Discharge of Environmental Pollutants Part A: Effluents**		Method Followed
				Inland Surface Water	Land for Irrigation	
1.	pH (at 31°C)	-	7.24	5.5-9.0	5.5-9.0	IS:3025(Part-11):2022 APHA 24 th Edition 4500-H ⁺ B
2.	Total Suspended Solid (TSS)	mg/L	38.0	100 mg/L (max)	200 mg/L (max)	IS:3025 (Part-17): 2022 , APHA 24 th Edition 2540D
3.	Chemical Oxygen Demand (COD)	mg/L	50.5	250 mg/L (max)	-	APHA 24 th Edition 5220B
4.	Bio-Chemical Oxygen Demand (for 5 days at 20°C)	mg/L	16.0	30 mg/L (max)	100 mg/L (max)	IS:3025 (Part-44): 2023
5.	Oil and Grease	mg/L	3.7	10 mg/L (max)	10 mg/L (max)	IS:3025 (Part-39):2021 APHA 24 th Edition 5520B,
6.	Lead (as Pb)	mg/L	<0.01	0.1 mg/L (max)	-	APHA 24 th Edition 3111B
7.	Copper (as Cu)	mg/L	<0.02	3 mg/L (max)	-	APHA 24 th Edition 3111B
8.	Nickel (as Ni)	mg/L	<0.01	3 mg/L (max)	-	APHA 24 th Edition 3111B
9.	Total Chromium (as Cr)	mg/L	<0.05	2 mg/L (max)	-	APHA 24 th Edition 3500 Cr B IS:3025 (Part-52): 2003:RA 2017
10.	Total Metal (Pb+ Cu+Ni+Cr+Fe+Zn+Cr ⁺⁶)	mg/L	0.71	-	-	By Calculation
11.	Cadmium (as Cd)	mg/L	<0.001	2 mg/L (max)	-	APHA 24 th Edition 3111B
12.	Iron (as Fe)	mg/L	0.36	3 mg/L (max)	-	IS:3025(Part-53):2024 APHA 24 th Edition 3500-Fe B
13.	Zinc (as Zn)	mg/L	0.35	5 mg/L (max)	-	APHA 24 th Edition 3111B
14.	Ammoniacal Nitrogen (asNH ₃ -N)	mg/L	1.32	50 mg/L (max)	-	APHA 24 th Edition 4500NH3 F
15.	Chromium (as Cr ⁺⁶)	mg/L	<0.05	0.1 mg/L (max)	-	APHA 24 th Edition 3500 Cr B IS:3025 (Part-52): 2003:RA 2014
16.	Sulphide (as S ²⁻)	mg/L	1.34	2 mg/L (max)	-	IS:3025(Part-29): 1986, RA 2014
17.	Sulfate (as SO ₄)	mg/L	16.5	-	-	IS:3025(Part-24):1986: RA 2014 APHA 24 th Edition 4500 SO ₄ ²⁻ E
18.	Phosphate (as P)	mg/L	1.01	5 mg/L (max)	-	APHA 24 th Edition 4500P D
19.	Trichloroethane	mg/L	N.D.	-	-	EPA 5021A:2014
20.	Trichloroethylene	mg/L	N.D.	-	-	EPA 5021A.2014

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 Parvati Golui
 Quality Manager
 INDICATIVE CONSULTANT INDIA



CENTRAL LABORATORY : HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur, Pin- 721602
 Phone No. : 03224-275765, 9434017584, 9232395890, 7797506973

KOLKATA LABORATORY : B1-1/22/1-2, Santoshpur(M), Block-B, Maheshtala, Kolkata-700142, Mob. : 7797245819, 7797506970
WEBSITE : www.indicativeconsultantindia.com

Towards Sustainable Growth



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TEST REPORT

Date: 26.03.2024	Report No: ICI/HL/W/RN-282/2024	Format No: ICI/FM/H/67
Customer Name	M/s. BHARATIYA RESERVE BANK NOTE MUDRAN (P) LTD.	Sample ID No : 2024/W-282
Address	P.O. - R.B.N.M.L., Salboni, Paschim Medinipur, PIN - 721 132	Sampling Date : 14.03.2024
#Customer Representative Name & Contact Number	Mr. Naveen Raja Mob. No. +91-9494743329	Sampling Time : 12:00 PM
		Analysis Start Date : 16.03.2024
		Analysis Complete Date : 23.03.2024
#Work Order No.	002/SAT/MMD-CIVIL/2021-22, Dtd. 18.06.2021 Amendment No: 1 Dtd. 17.05.2022 BMM NO.: 1722/(S)07.07.06/TE-010(2020-21)/2023-24, Dtd. 08.06.2023	
#Sample Description	SEWAGE WATER	
Sample Condition	In Plastic Bottle & Glass Bottle	
Sampling Method	IS:3025 (Part I): 1987 (RA 2019), APHA 24 th Edition, 2023	
#Location	STP - 1 OUTLET	

Sl. No.	Parameters	Unit	Result	Schedule - VI: General Standards for Discharge of Environmental Pollutants Part A: Effluents**		Method Followed
				Inland Surface Water	Land for Irrigation	
21.	Cyanide (as CN)	mg/L	<0.05	0.2 mg/L (max)	0.2 mg/L (max)	IS:3025 (Part-27):1986: RA 2019
22.	Total Residual Chlorine (as Cl)	mg/L	Nil	1 mg/L (max)	-	APHA 24 th Edition 4500CI

N.D.: Not Detected

**The Environment (Protection) Rules, 1986

Prepared By: N. Mondal

Checked By: N. Pramanik

For, INDICATIVE CONSULTANT INDIA

Parbati Golui
(Quality Manager)
Signatory Authority
INDICATIVE CONSULTANT INDIA

Test Witnessed By: Nil (Sampling was done in front of customer representatives)

Estimated Uncertainty: Not Required

- Note:
1. # Information provided by customer
 2. Sample is drawn by M/s. Indicative Consultant India in front of customer representatives
 3. Sample submitted and identified by customer as: N.A.
 4. Test results shown in this test report relate only to the sample (s) only
 5. The test results referred in test report are based on observations & measurements under the stated environmental conditions.
 6. The reproduction of the report except in full is invalid without written approval of the laboratory
 7. Once issued, the test report/certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
 8. Retention period of tested samples (Water) is 10 days from the date of issue of test report unless otherwise specified.
 9. Location of Testing: Haldia Laboratory

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Reviewed By: End of Report

CENTRAL LABORATORY : HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur, Pin- 721602

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TEST REPORT

Date: 26.03.2024	: Report No: ICI/HL/W/RN-284/2024	Format No: ICI/FM/H/67
Customer Name	: M/s. BHARATIYA RESERVE BANK NOTE MUDRAN (P) LTD.	Sample ID No : 2024/W-284
Address	: P.O. – R.B.N.M.L., Salboni, Paschim Medinipur, PIN – 721 132	Sampling Date : 14.03.2024
#Customer Representative Name & Contact Number	: Mr. Naveen Raja Mob. No. +91-9494743329	Sampling Time : 12:30 PM
		Analysis Start Date : 16.03.2024
		Analysis Complete Date : 23.03.2024
#Work Order No.	: 002/SAL/MMD-CIVIL/2021-22, Dtd. 18.06.2021 Amendment No: 1 Dtd. 17.05.2022 BMM NO.: 1722/(S)07.07.06/TE-010(2020-21)/2023-24, Dtd. 08.06.2023	
#Sample Description	: SEWAGE WATER	
Sample Condition	: In Plastic Bottle & Glass Bottle	
Sampling Method	: IS:3025 (Part I): 1987 (RA 2019), APHA 24 th Edition, 2023	
# Location	: STP – 2 OUTLET	

Sl. No.	Parameters	Unit	Result	Schedule – VI: General Standards for Discharge of Environmental Pollutants Part A: Effluents**		Method Followed
				Inland Surface Water	Land for Irrigation	
1.	pH (at 31°C)	---	7.17	5.5-9.0	5.5-9.0	IS:3025(Part-11):2022 APHA 24 th Edition 4500-H ¹ B
2.	Total Suspended Solid (TSS)	mg/L	43.0	100 mg/L (max)	200 mg/L (max)	IS:3025 (Part-17): 2022 APHA 24 th Edition 2540D
3.	Chemical Oxygen Demand (COD)	mg/L	60.6	250 mg/L (max)	-	APHA 24 th Edition 5220B
4.	Bio-Chemical Oxygen Demand (for 5 days at 20°C)	mg/L	19.0	30 mg/L (max)	100 mg/L (max)	IS:3025 (Part-44): 2023
5.	Oil and Grease	mg/L	3.1	10 mg/L (max)	10 mg/L (max)	IS:3025 (Part-39):2021 APHA 24 th Edition 5520B.
6.	Lead (as Pb)	mg/L	<0.01	0.1 mg/L (max)	-	APHA 24 th Edition 3111B
7.	Copper (as Cu)	mg/L	<0.02	3 mg/L (max)	-	APHA 24 th Edition 3111B
8.	Nickel (as Ni)	mg/L	<0.01	3 mg/L (max)	-	APHA 24 th Edition 3111B
9.	Total Chromium (as Cr)	mg/L	<0.05	2 mg/L (max)	-	APHA 24 th Edition 3500 Cr B IS:3025 (Part-52): 2003:RA 2017
10.	Total Metal (Pb+Cu+Ni+Cr+Fe+Zn+Cr ⁺⁶)	mg/L	0.69	-	-	By Calculation
11.	Cadmium (as Cd)	mg/L	<0.001	2 mg/L (max)	-	APHA 24 th Edition 3111B
12.	Iron (as Fe)	mg/L	0.28	3 mg/L (max)	-	IS:3025(Part-53):2024 APHA 24 th Edition 3500-Fe B
13.	Zinc (as Zn)	mg/L	0.33	5 mg/L (max)	-	APHA 24 th Edition 3111B
14.	Ammoniacal Nitrogen (asNH ₃ -N)	mg/L	1.40	50 mg/L (max)	-	APHA 24 th Edition 4500NH ₃ F
15.	Chromium (as Cr ⁺⁶)	mg/L	<0.05	0.1 mg/L (max)	-	APHA 24 th Edition 3500 Cr B IS:3025 (Part-52): 2003:RA 2014
16.	Sulphide(as S ²⁻)	mg/L	1.51	2 mg/L (max)	-	IS:3025(Part-29): 1986, RA 2014
17.	Sulfate (as SO ₄)	mg/L	17.0	-	-	IS:3025(Part-24):1986: RA 2014 APHA 24 th Edition 4500 SO ₄ ²⁻ E
18.	Phosphate (as P)	mg/L	2.03	5 mg/L (max)	-	APHA 24 th Edition 4500P D
19.	Trichloroethane	mg/L	N.D.	-	-	EPA 5021A:2014
20.	Trichloroethylene	mg/L	N.D.	-	-	EPA 5021A:2014

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Parom Golui
Quality Manager
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#Sample Description	: SEWAGE WATER	
Sample Condition	: In Plastic Bottle & Glass Bottle	
Sampling Method	: IS:3025 (Part I): 1987 (RA 2019), APHA 24 th Edition, 2023	
# Location	: STP - 2 OUTLET	

Sl. No.	Parameters	Unit	Result	Schedule - VI: General Standards for Discharge of Environmental Pollutants Part A: Effluents**		Method Followed
				Inland Surface Water	Land for Irrigation	
21.	Cyanide (as CN)	mg/L	<0.05	0.2 mg/L (max)	0.2 mg/L (max)	IS:3025 (Part-27):1986: RA 2019
22.	Total Residual Chlorine (as Cl)	mg/L	Nil	1 mg/L (max)	-	APHA 23 rd Edition 4500Cl

N.D.: Not Detected

**The Environment (Protection) Rules, 1986

For, INDICATIVE CONSULTANT INDIA

Prepared By: N. Mondal

Checked By: N. Pramanik

Parbati Golui
(Quality Manager)
Signatory Authority
INDICATIVE CONSULTANT INDIA

Test Witnessed By: Nil (Sampling was done in front of customer representatives)
Estimated Uncertainty: Not Required

- Note :
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