



SCIENTIFIC RESEARCH LABORATORY

Recognised By Ministry of Environment & Forest, Govt. of India

Recognised By West Bengal Pollution Control Board

Analytical & Environmental Engineering Laboratory

90, Lake East (4th Road) Santoshpur, Jadavpur, Kolkata-700075

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Annexure: III – 1/3

DETAILS OF SURFACE WATER SAMPLE

[Format No. : SRL / FM / 49]

Name & Address of the Factory : Foundry Cluster Development Association, Foundry Park,
Houli Bagan, Ranihati, Amta Road
Dist.-Howrah

Sampling Location : Calvert No-1 (Cannel Water) , Main Nalah

TEST REPORT OF SURFACE WATER

Sl. No.	Parameter	Unit	Results		
1.	Date of Sampling	--	09.02.2012	23.04.2012	07.06.2012
2.	pH	--	8.14	7.88	8.29
3.	Total Suspended Solids	mg/L	6.40	5.70	29.00
4.	Dissolved Oxygen (as O ₂)	mg/L	31.00	20.0	5.30
5.	Biological Oxygen Demand, 3 Days at 27°C	mg/L	2.30	9.30	<1.00
6.	Chemical Oxygen Demand	mg/L	11.00	22.00	4.00
7.	Oil & Grease(Hexane Extract)	mg/L	<5.00	<5.00	<5.00
8.	Iron (as Fe)	mg/L	1.32	0.54	1.57
9.	Ammonia- Nitrogen (as NH ₃ N)	mg/L	0.46	0.47	0.62
10.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/L	<0.002	<0.002	<0.002

For **Scientific Research Laboratory**

Dr. Jyotirmoy Majumdar
(Chief Executive)

- The test report shall not be reproduced, except in full, without written approval of the company.
- Results relate only to the parameters tested.
- No Repeat Analysis will be entertained after 15 days from the date of sampling.



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Annexure: III – 2/3

DETAILS OF SURFACE WATER SAMPLE

[Format No. : SRL / FM / 49]

Name & Address of the Factory : Foundry Cluster Development Association, Foundry Park,
Houli Bagan, Ranihat, Amta Road
Dist.-Howrah

Sampling Location : Water Body Pond Water

TEST REPORT OF SURFACE WATER

Sl. No.	Parameter	Unit	Results		
1.	Date of Sampling	--	09.02.2012	23.04.2012	07.06.2012
2.	pH	--	8.81	8.46	8.69
3.	Total Suspended Solids	mg/L	6.50	5.10	29.00
4.	Dissolved Oxygen (as O ₂)	mg/L	22.00	23.00	4.60
5.	Biological Oxygen Demand, 3 Days at 27°C	mg/L	5.40	12.10	5.20
6.	Chemical Oxygen Demand	mg/L	16.00	27.00	21.00
7.	Oil & Grease(Hexane Extract)	mg/L	<5.00	<5.00	<5.00
8.	Iron (as Fe)	mg/L	1.00	0.48	1.11
9.	Ammonia- Nitrogen (as NH ₃ N)	mg/L	0.17	0.12	0.51
10.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/L	<0.002	<0.002	<0.002

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Annexure: III – 3/3

DETAILS OF SURFACE WATER SAMPLE

[Format No. : SRL / FM / 49]

Name & Address of the Factory : **Foundry Cluster Development Association, Foundry Park,
Houli Bagan, Ranihati, Amta Road
Dist.-Howrah**

Sampling Location : Near Calvert (Cannel Water) ,Small Nalah

TEST REPORT OF SURFACE WATER

Sl. No.	Parameter	Unit	Results		
1.	Date of Sampling	--	09.02.2012	23.04.2012	07.06.2012
2.	pH	--	8.23	7.91	8.07
3.	Total Suspended Solids	mg/L	6.20	5.80	30.00
4.	Dissolved Oxygen (as O ₂)	mg/L	32.00	14.00	4.80
5.	Biological Oxygen Demand, 3 Days at 27°C	mg/L	1.70	9.60	4.80
6.	Chemical Oxygen Demand	mg/L	8.00	22.00	19.00
7.	Oil & Grease(Hexane Extract)	mg/L	<5.00	<5.00	<5.00
8.	Iron (as Fe)	mg/L	1.50	0.42	1.45
9.	Ammonia- Nitrogen (as NH ₃ N)	mg/L	1.05	1.60	0.67
10.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/L	<0.002	<0.002	<0.002

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