



SCIENTIFIC RESEARCH LABORATORY

(Analytical & Environmental Engineering Laboratory)

Laboratory Recognised By West Bengal Pollution Control Board

An ISO 9001 : 2008 & OHSAS 18001 : 2007 Certified

90, Lake East (4th Road), Santoshpur, Jadavpur, Kolkata - 700 075

Telefax : (033) 2416 2267, Tel. : (033) 2416 1311, E-mail : jyotirmoysrl@gmail.com

Website : www.scientificlab.org

Annexure: III – 3/3

DETAILS OF SURFACE WATER SAMPLE

[Format No. : SRL / FM / 48]

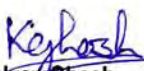
Name & Address of the Factory : Foundry Cluster Development Association, Foundry Park,
Houli Bagan, Ranihati, Amta Road
Dist.-Howrah
Sampling Location : Water Body Pond Water
Sample Identification No. : SW - 237 - 2013
Sampling Method/Sample Collected By : APHA 21st EDITON, 1060B / Scientific Research Laboratory
Environmental Condition : Dry, Temp. 18°C Water Sampling Date : 18.05.2013
Sample Receiving/Analysis Starting On : 18.05.2013 Analysis Completed On : 25.05.2013

TEST REPORT OF SURFACE WATER

[SRL/FCDA-FP/ SW-237-2013 Dated: 27.05.2013]

Sl. No.	Parameter	Unit	Results	Test Specification
			SW - 237 - 2013	
1.	pH	--	8.28	APHA 21 st Edition., 4500-H+B
2.	Total Suspended Solids	mg/L	13.20	APHA 21 st Edition., 2540 D
3.	Dissolved Oxygen (as O ₂)	mg/L	6.20	APHA 21 st Edition., 4500 O C
4.	Chemical Oxygen Demand	mg/L	30.10	APHA 21 st Edition., 5220 B
5.	Biochemical Oxygen Demand, 3 Days at 27°C	mg/L	12.00	IS 3025 (Part 44) : 1993
6.	Oil & Grease(Hexane Extract)	mg/L	<5.00	APHA 21 st Edition., 5520 B
7.	Iron (as Fe)	mg/L	1.09	APHA 20 th Edition, 3500-Fe-B
8.	Ammonia- Nitrogen (as NH ₃ N)	mg/L	0.043	APHA 21 st Edition., 4500 NH ₃ -F
9.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/L	<0.002	APHA 21 st Edition, 5530 C

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Kalyan Ghosh
(Senior Chemist)

- 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 – 1/3

DETAILS OF SURFACE WATER SAMPLE

[Format No. : SRL / FM / 48]


Name & Address of the Factory : Foundry Cluster Development Association, Foundry Park,
Houli Bagan, Ranihati, Amta Road
Dist.-Howrah
Sampling Location : Calvert No-1 (Canal Water) , Main Nalah
Sample Identification No. : SW - 238 - 2013
Sampling Method/Sample Collected By : APHA 21st EDITON, 1060B / Scientific Research Laboratory
Environmental Condition : Dry, Temp. 18°C Water Sampling Date : 18.05.2013
Sample Receiving/Analysis Starting On : 18.05.2013 Analysis Completed On : 25.05.2013

TEST REPORT OF SURFACE WATER

[SRL/FCDA-FP/ SW-238-2013 Dated: 27.05.2013]

Sl. No.	Parameter	Unit	Results	Test Specification
			SW - 238 - 2013	
1.	pH	--	8.62	APHA 21 st Edition., 4500-H+B
2.	Total Suspended Solids	mg/L	12.30	APHA 21 st Edition., 2540 D
3.	Dissolved Oxygen (as O ₂)	mg/L	6.70	APHA 21 st Edition., 4500 O C
4.	Chemical Oxygen Demand	mg/L	23.20	APHA 21 st Edition., 5220 B
5.	Biochemical Oxygen Demand, 3 Days at 27°C	mg/L	8.00	IS 3025 (Part 44) : 1993
6.	Oil & Grease(Hexane Extract)	mg/L	<5.00	APHA 21 st Edition., 5520 B
7.	Iron (as Fe)	mg/L	0.72	APHA 20 th Edition, 3500-Fe-B
8.	Ammonia- Nitrogen (as NH ₃ N)	mg/L	0.61	APHA 21 st Edition., 4500 NH ₃ -F
9.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/L	<0.002	APHA 21 st Edition, 5530 C

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Annexure: III – 2/3

DETAILS OF SURFACE WATER SAMPLE

[Format No. : SRL / FM / 48]


Name & Address of the Factory : Foundry Cluster Development Association, Foundry Park,
Houli Bagan, Ranihati, Amta Road
Dist.-Howrah
Sampling Location : Near Calvert (Canal Water), Small Nalah
Sample Identification No. : SW - 239 - 2013
Sampling Method/Sample Collected By : APHA 21st EDITON, 1060B / Scientific Research Laboratory
Environmental Condition : Dry, Temp. 18°C Water Sampling Date : 18.05.2013
Sample Receiving/Analysis Starting On : 18.05.2013 Analysis Completed On : 25.05.2013

TEST REPORT OF SURFACE WATER

[SRL/FCDA-FP/ SW-239-2013 Dated: 27.05.2013]

Sl. No.	Parameter	Unit	Results	Test Specification
			SW – 239 – 2013	
1.	pH	--	8.93	APHA 21 st Edition., 4500-H+B
2.	Total Suspended Solids	mg/L	46.70	APHA 21 st Edition., 2540 D
3.	Dissolved Oxygen (as O ₂)	mg/L	6.50	APHA 21 st Edition., 4500 O C
4.	Chemical Oxygen Demand	mg/L	32.70	APHA 21 st Edition., 5220 B
5.	Biochemical Oxygen Demand, 3 Days at 27°C	mg/L	14.00	IS 3025 (Part 44) : 1993
6.	Oil & Grease(Hexane Extract)	mg/L	<5.00	APHA 21 st Edition., 5520 B
7.	Iron (as Fe)	mg/L	2.12	APHA 20 th Edition, 3500-Fe-B
8.	Ammonia- Nitrogen (as NH ₃ N)	mg/L	0.027	APHA 21 st Edition., 4500 NH ₃ -F
9.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/L	<0.002	APHA 21 st Edition, 5530 C

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