



Eco Care



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ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified

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Format No. : EC/TRT/42/FM/05

TEST REPORT

Report Release Date : 25.06.2018	Sample Ref. No.(ARF) : EC/ARF/29/180662
Test Report No : EC/TR/42/06303	Source of Sample : Cement Plant
Type of Sample : Surface Water	Sampling Date : 18.06.2018
Sample Collected by : Mr. Ranjeet Yadav	Period of Analysis : 21.06.18 to 25.06.18
Sample Details : Water	Sampling Location : Hesla River
Name & Address : Burnpur Cement Limited Patratu Industrial Area Patratu, Dist. Ramgarh Jharkhand	Sample Condition : Sealed & Preserved
	Sample Stamped as : BCL -136
	Sample Drawn By : ECO CARE
	Remarks : ---
	Sampling Plan & Procedure : EC/SOP/03/01
	Deviation if any : None

Sl. No.	Parameters	Unit	Test Method (APHA 22 th Edition)	Standards (EPR 1986 & IS 2296:1982)	Results
1	p ^H 24.8 °C		4500-H ⁺ B	5.5 – 9.0	6.58
2	Temperature	°C	-----	----	24.8 °C
3	TSS	mg/l	2540 D	100.0	82.70
4	BOD(3 days) at 27.0 °C	mg/l	IS 3025 (Part - 44): 1993	30.0	16
5	COD	mg/l	5220 B	250.0	49.60
6	TDS	mg/l	2540 C	2100.0	302.30
7	Oil & Grease	mg/l	5520 B	10.0	<2.00
8	Sulphate (as SO ₄ ²⁻)	mg/l	4500 – SO ₄ ²⁻ E	1000.0	14.39
9	Calcium (as Ca)	mg/l	3500—Ca B	----	25.65
10	Total Hardness (as CaCO ₃)	mg/l	2340 C	----	98.00
11	Magnesium (As Mg)	mg/l	3500-Mg B	----	8.26

1. Test values are reported based on the samples received.
2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
3. The Test report shall not be reproduced, without the written approval of laboratory.

Authorised Signatory

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