



# Eco Care



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ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified

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ULR NO – TC510918000000942F


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

## TEST REPORT

Report Release Date	: 20.11.2018	Sample Ref. No.(ARF)	: EC/ARF/29/181158
Test Report No	: EC/TR/42/11077	Source of Sample	: Cement Plant
Type of Sample	: Surface Water	Sampling Date	: 14.11.2018
Sample Collected by	: Mr. Ranjeet Yadav	Period of Analysis	: 15.11.18 to 19.11.18
Sample Details	: Water	Sampling Location	: Hesla River
Name & Address	: <b>Burnpur Cement Limited</b> Patratu Industrial Area Patratu, Dist. Ramgarh Jharkhand	Sample Condition	: Sealed & Preserved
		Sample Stamped as	: BCL - 48
		Sample Drawn By	: ECO CARE
		Remarks	: ----
		Sampling Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

Sl. No.	Parameters	Unit	Test Method (APHA 23 <sup>rd</sup> Edition)	Standards (EPR 1986 & IS 2296:1982)	Results
1	p <sup>H</sup> 23.2 °C		4500-H <sup>+</sup> B	5.5 – 9.0	6.47
2	Temperature	°C	-----	----	23.2
3	TSS	mg/l	2540 D	100.0	67.50
4	BOD(3 days) at 27.0 °C	mg/l	IS 3025 (Part - 44): 1993	30.0	17
5	COD	mg/l	5220 B	250.0	59.52
6	TDS	mg/l	2540 C	2100.0	324.80
7	Oil & Grease	mg/l	5520 B	10.0	< 2.00
8	Sulphate (as SO <sub>4</sub> <sup>2-</sup> )	mg/l	4500 – SO <sub>4</sub> <sup>2-</sup> E	1000.0	17.56
9	Calcium (as Ca)	mg/l	3500—Ca B	----	34.34
10	Total Hardness (as CaCO <sub>3</sub> )	mg/l	2340 C	----	116.28
11	Magnesium (As Mg)	mg/l	3500-Mg B	----	7.44

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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Dy Technical Manager