

Ambuja Cement

Unit - RAURI
Registered Post

Ref No: ACH/EMD/F-20A/06/2020

Date: 08/06/2020

Environmental Engineer,
H P State Pollution Control Board,
S.C.F. 6, 7 and 8, Sector – IV,
PARWANOO, Distt. Solan (H.P.)

Sub: Monthly Report of Rauri Unit for the Month of May, 2020

Sir,


We are hereby submitting Ambient and Stack monitoring compliance results as per seriatim:

1. **Stack Monitoring:** - (a) GBH (main stack), (b) Cooler ESP, (c) Coal Mill, (d) Limestone Crusher.
2. **Ambient Air Quality Monitoring:**
Manual Stations: -PM 2.5, PM 10, SO₂, NO₂, Pb, Ni, As & CO.
3. **Ambient Noise Monitoring Results.**
4. **Water Quality of Sewage Water Reclamation Plant.**

This is for your kind information, perusal & record please.

Thanking You,

Yours Faithfully,
For Ambuja Cements Ltd. (Unit-Rauri)


(Sandeep Bhimta)
EMD

CC to: Member Secretary, H P State Pollution Control Board, "Paryavarn
Bhavan" New Shimla – 171 009 (Himachal Pradesh).

AMBUJA CEMENTS LIMITED
(UNIT SURI)

Encl: As above
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Ambuja Cement

Unit Rauri

1. Stack Emission Monitoring Report for the Month of May, 2020

Sr. No.	Stacks Attached To	Particulate matter (mg/Nm ³)		
		Monthly Average	Min. Value	Max. Value
1	Glass Bag House	8.58	7.91	9.10
2	Cooler ESP	15.24	13.69	16.33
3	Coal Mill B/F	5.05	4.11	6.06
4.	Limestone Crusher B/F	14.75	11.12	17.94

2. (a) Ambient Air Quality Monitoring Report of Manual Stations for the Month of May, 2020

Sr. No.	Station	PM 2.5 µg/m ³			PM 10 µg/m ³		
		Average	Minimum	Maximum	Average	Minimum	Maximum
1	Station No. 1 (Rauri – North side of the Project)	22.13	14.58	27.92	45.02	42.58	48.48
2	Station No. 2 (Dhauti – West side of the Project)	20.78	15.00	26.25	47.18	40.41	52.30
3	Station No. 3 (Pleri – South side of the Project)	21.20	12.92	29.17	50.44	43.85	57.05

Ambuja Cement

Unit Rauri

2. (a) Monthly Average of SO₂ & NO₂ for the Month of May, 2020

Sr. No.	Station	SO ₂ µg/m ³		Average	NO ₂ µg/m ³	
		Minimum	Maximum		Minimum	Maximum
1	Station No. 1 (Rauri – North side of the Plant)	4.00	6.00	11.25	9.00	13.00
2	Station No. 2 (Dhauti – West side of the Plant)	4.00	6.00	12.50	10.00	15.00
3	Station No. 3 (Pleri – South side of the Plant)	4.00	7.00	12.25	10.00	15.00

2. (a) Monthly Average of Lead, Nickel, Arsenic & CO of Manual Stations for the Month of May, 2020

Station	Lead (µg/m ³)	Nickel (ng/m ³)	Arsenic (ng/m ³)	CO (mg/m ³)
1 Station No. 1 (Rauri – North side of the Project)	ND	ND	ND	0.36
2 Station No. 2 (Dhauti – West side of the Project)	ND	ND	ND	0.50
3 Station No. 3 (Pleri – South side of the Project)	ND	ND	ND	0.35

Ambuja Cement

Environment Management Division
Ambuja Cements Ltd. (Unit - Darlaghat)
Ambient Noise Level Report - May, 2020

Station Name	Noise Level in dB(A)													
	1st Week		2nd Week		3rd Week		4th Week		Monthly Average					
	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night				
Colony Area	50.3	42.7	53.5	40.4	52.9	43.1	50.4	43.0	51.8	42.3				
Inside Cooperative Stores	54.1	45.5	55.2	48.6	53.9	50.6	61.2	43.8	56.1	47.1				
Rauri Pumphouse	58.3	55.1	60.5	57.1	52.4	49.7	50.6	44.1	55.5	51.5				
Time office Rauri	57.6	48.7	54.1	52.7	65.0	50.2	54.1	46.4	57.7	49.5				
Inside CCR	49.0	41.8	51.3	45.1	52.7	44.6	50.1	42.5	50.8	43.5				
Inside Mines Office	54.7	41.3	53.7	46.4	52.2	44.0	53.0	42.1	53.4	43.5				
Kashlog Village	51.4	40.9	48.2	42.5	52.1	40.3	51.4	40.5	50.8	41.1				
Magazine Section	53.5	42.3	55.6	46.2	54.6	43.8	55.5	40.9	54.8	43.3				
Mines Reclaimed Area	52.4	43.5	58.4	50.7	51.8	40.9	53.9	41.5	54.1	44.2				
Mangoo Village	54.1	41.1	50.4	44.2	48.2	40.8	48.4	41.0	50.3	41.8				
Majathal Sanctuary	48.6	39.5	46.8	38.5	42.9	39.4	41.2	35	44.9	38.1				

4. Sewage Water Reclamation Plant Monthly Avg Analysis Report May, 2020

S. No.	Parameters	Treated Water results		Stipulated Limit by HPSPCB
		Min. (mg/lit)	Max. (mg/lit.)	
1.	pH	7.1	7.7	7.5
2.	BOD(5days at 20 deg C	8	12	10
3.	TSS	10	12	11.2
				100mg/lit

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