



Ref: SCL/EHS/LUMS/2025-26/141

Dated: 25/03/2026

To,

The Member Secretary
Meghalaya State Pollution Control Board
'ARDEN', Lumpynggad,
Shillong, Meghalaya - 793014

Subject : Submission of Environmental Monitoring Report for the month of February, 2026.

Reference : MPCB/ONLINE/RCTO(R-1)/EJHD/2021/2025-2026/99, Dated Shillong, the 24th June, 2025.

Dear Sir,

This is in reference to above cited subject, we are herewith submitting the Monthly Environmental monitoring reports of Ambient Air Quality monitoring including Meteorological data, Fugitive Emission, Noise & Surface water monitoring reports of **Wahpynkon Limestone Mine (4.85 Ha)** of Star Cement Limited for the month of **February, 2026.**

This is for your kind information, record and kindly acknowledges receipt of the same.

Thanking you,

Yours truly,
For Star Cement Limited


Lokesh Kumar Bahety
Unit Head



Enclosed: a/a

STAR CEMENT LIMITED

Regd. Off. & Works: Vill.: Lumshnong, Khaliehriat, East Jaintia Hills, Meghalaya - 793210 | ☎ : 03655-278215/16/18 | ✉ : lumshnong@starcement.co.in
Corp. Off.: Century House, 2nd Floor, P-15/1, Taratala Main Road, CPT Colony, Kolkata, West Bengal - 700088 | ✉ : kolkata@starcement.co.in

ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 CERTIFIED COMPANY.

CIN: L26942ML2001PLC006663 | 🌐 : www.starcement.co.in



STAR CEMENT LIMITED

Lumshnong, Meghalaya

Date (DD-MM-YYYY)	Pressure (mmHg)	Relative Humidity (%)	Temp. (C)	Manual Rain (mm)
01-02-2026	997.5	57.2	22.5	0.0
02-02-2026	1004.8	69.6	21.2	0.0
03-02-2026	1000.1	83.2	18.0	0.0
04-02-2026	994.3	73.8	17.8	0.0
05-02-2026	993.9	80.0	17.5	0.0
06-02-2026	996.4	69.4	20.2	0.0
07-02-2026	992.0	54.8	20.0	0.0
08-02-2026	983.7	67.2	18.5	0.0
09-02-2026	980.9	80.8	15.7	0.0
10-02-2026	995.7	71.4	14.5	0.0
11-02-2026	993.6	77.6	14.6	0.0
12-02-2026	983.0	67.0	20.1	0.0
13-02-2026	982.4	81.2	16.9	0.0
14-02-2026	983.1	70.2	20.6	0.0
15-02-2026	983.4	69.8	20.4	0.0
16-02-2026	985.1	84.3	16.0	0.0
17-02-2026	990.8	61.5	21.8	0.0
18-02-2026	985.2	52.5	22.6	0.0
19-02-2026	1001.5	67.7	17.7	0.0
20-02-2026	992.8	63.2	18.8	0.0
21-02-2026	1003.3	66.9	17.1	0.0
22-02-2026	1007.8	65.5	22.5	0.0
23-02-2026	1001.5	79.2	18.0	0.0
24-02-2026	981.2	77.3	18.3	0.0
25-02-2026	1011.6	75.8	18.7	0.0
26-02-2026	1008.9	65.0	21.6	0.0
27-02-2026	995.1	67.2	21.2	0.0
28-02-2026	997.2	68.8	20.8	0.0
			Total	0.0



STAR CEMENT LIMITED

WahPynKon, Limestone Mine (MLA 4.85 Ha)
Lumshnong, Meghalaya

AMBIENT AIR QUALITY MONITORING REPORT

Reference No.	SCL/Env/F – 01
Issue No.	1
Date of Issue:	24.08.2013
Revision No.	5
Date of Rev.	01.12.2020

Reference No.: SCL/ENV/AAQM/MONTHLY/2025-26/11 Month : February'26

Location of Sampling: Mines Entrance Haul Road GPS Coordinate: 25°10'11"N 92°24'13"E 743 m

Sampling Duration:	24 Hrs.	24 Hrs.	24 Hrs.	24 Hrs.
Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
12-02-2026	40.98	19.36	16.96	13.75
28-02-2026	38.22	21.45	17.08	13.52
NAAQS permissible limits for Rural, Industrial, Residential Area	100 (µg/m ³)	60 (µg/m ³)	80 (µg/m ³)	80 (µg/m ³)





Remarks: All the analyzed parameters are well within the permissible limits of NAAQ Standards , Notification dated 18th November 2009.





Shailendra Kumar

Analyzed By

Checked By

Verified By

	STAR CEMENT LIMITED WahPynKon, Limestone Mine (MLA 4.85 Ha) Lumshnong, Meghalaya			Reference No.	SCL/Env/F – 01
				Issue No.	1
	AMBIENT AIR QUALITY MONITORING REPORT			Date of Issue:	24.08.2013
				Revision No.	5
			Date of Rev.	01.12.2020	
Reference No.: SCL/ENV/AAQM/MONTHLY/2025-26/11				Month : February'26	
Location of Sampling: ROC Driling Point			GPS Coordinate: 25°10'07"N 92°24'17"E 761 m		
Sampling Duration:	24 Hrs.	24 Hrs.	24 Hrs.	24 Hrs.	24 Hrs.
Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	
12-02-2026	37.99	17.26	17.45	13.74	
28-02-2026	36.52	18.67	16.99	12.60	
NAAQS permissible limits for Rural, Industrial, Residential Area	100 (µg/m ³)	60 (µg/m ³)	80 (µg/m ³)	80 (µg/m ³)	
Remarks: All the analyzed parameters are well within the permissible limits of NAAQ Standards , Notification dated 18th November 2009.					
 Analyzed by		 Checked By		 Verified By	

	STAR CEMENT LIMITED WahPynKon, Limestone Mine (MLA 4.85 Ha) Lumshnong, Meghalaya			Reference No.	SCL/Env/F – 01
				Issue No.	1
	AMBIENT AIR QUALITY MONITORING REPORT			Date of Issue:	24.08.2013
				Revision No.	5
			Date of Rev.	01.12.2020	
Reference No.: SCL/ENV/AAQM/MONTHLY/2025-26/11				Month : February'26	
Location of Sampling: Excavator Point			GPS Coordinate: 25°10'08"N 92°24'17"E 756 m		
Sampling Duration:	24 Hrs.	24 Hrs.	24 Hrs.	24 Hrs.	24 Hrs.
Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	
12-02-2026	38.86	18.30	17.99	13.53	
28-02-2026	37.21	17.59	18.03	13.01	
NAAQS permissible limits for Rural, Industrial, Residential Area	100 (µg/m ³)	60 (µg/m ³)	80 (µg/m ³)	80 (µg/m ³)	
Remarks: All the analyzed parameters are well within the permissible limits of NAAQ Standards , Notification dated 18th November 2009.					
 Analyzed by		 Checked By		 Verified By	



STAR CEMENT LIMITED

Lumshnong, Meghalaya

FUGITIVE EMISSION REPORT

Reference No. SCL/Env/F – 07 (a)

Issue No. 1

Date of Issue: 01.12.2018

Revision No. 2

Date of Rev. 01.12.2020

Ref: SCL/ENV/FUGITIVE/MONTHLY/2025-26/11

Wah-Pynkon Limestone Mine (MLA 4.85 Ha.)


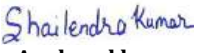


Month - February'26

Date	Location	Fugitive Emission Results	As per CPCB/BIS Guideline
		(in $\mu\text{g}/\text{m}^3$)	Limit
28.02.2026	Near Drilling Point	NA	5000
28.02.2026	Near Lime Stone loading area	NA	5000
Remarks	Mine is not in operation.		

Shailendra Kumar
Analyzed By

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	STAR CEMENT LIMITED (4.85 Ha.) Lumshnong, Meghalaya			Document No.	SCL/EHS/Env/F-03
				Effective Date	01-05-2019
	NOISE LEVEL MONITORING REPORT			Revision No.	04
				Revision Date	01-01-2021
Ref: SCL/ENV/NOISE/MONTHLY/2025-26/11			Date: 28.02.2026		
WahPynkon Limestone Mine (MLA 4.85 Ha.)					
Month -February'26					
S. No.	Location	Measured Values dB(A) Day time (6:00am to 10:00pm)			Norms In dB(A)
		Min.	Max.	Avg.	
1	Rock Breaker (10 mtr. Distance)	37.8	41.4	39.6	75
2	Dozer (10 mtr. Distance)	39.9	41.5	40.7	
3	Dumper (10 mtr. Distance)	40.6	42.9	41.8	
4	Excavator	37.1	43.2	40.2	
5	Village				55
	A) Lumshnong	35.1	37.2	36.2	
	B) Thangskai	34.6	39.4	37.0	
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STAR CEMENT LIMITED

Lumshnong, Meghalaya

WahPynKon, Limestone Mine (MLA 4.85 Ha.)

WATER TESTING REPORT- February'26

Reference No.	SCL/EHS/F-04
Issue No.	1
Date of Issue:	24.08.2013
Revision No.	3
Date of Rev.	01.06.2019

Reference No.: SCL/ENV/WATER/MONTHLY/2025-26/11

Surface Water Analysis Results

Date of sample collection: 02.02.2026

Date of Analysis: 02.02.2026 to 09.02.2026

S.No.	Parameter	Unit	4.85 Ha	Umtyrngai Nallah		Umutha Nallah		Umso Nalah	Seshympa	Lunar	Lukha	Umbadoh	Tongseng	Lumshnong	Wahiajer	Standards norms as per IS 2296
			Seasonal Nallah	Up Stream	Down Stream	Up Stream	Down Stream	Down Stream				Seasonal Spring / Seasonal Nallah				
1	pH	-	7.4	7.3	7.5	7.4	7.5	7.6	7.4	7.3	7.4	7.2	7.4	7.3	7.4	6.5 - 8.5
2	Colour	Hazen	Yellowish	Yellowish	Yellowish	Yellowish	Yellowish	Yellowish	Yellowish	Yellowish	Yellowish	Yellowish	Yellowish	Yellowish	Yellowish	10
3	Odour	-	Unobjectionable													
4	Chloride	mg/L	20.4	19.1	19.6	20.1	20.8	21.4	20.3	20.7	21.9	21.2	19.3	19.9	20.2	250
5	Total Hardness as CaCO ₃	mg/L	135.9	122.7	134.2	118.5	124.7	129.5	116.6	105.9	124.2	134.2	121.4	131.9	148.1	300
6	Suspended Solids	mg/L	57.6	62.2	67.5	63.9	71.5	62.6	69.3	65.8	64.3	54.2	51.5	57.2	58.9	-
7	Total Dissolve Solids	mg/L	274.1	261.5	248.6	224.0	219.7	231.5	274.6	234.9	218.5	231.8	247.2	225.9	237.2	500
8	Biochemical Oxygen Demand (For 3 days at 27 °C)	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0
9	Oil & Grease	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
10	Temperature	°C	22.8	23.6	23.1	23.7	23.1	22.9	23.2	23.8	24.0	23.5	22.9	23.8	24.1	-
11	Conductivity	µS/cm	223.5	211.4	216.9	191.4	178.5	202.6	215.3	196.9	187.5	192.4	214.5	227.2	221.1	-
12	Flow	L/ Min	14.6	387.5	431.8	155.9	198.5	259.6	4599.9	1662.6	56184.8	127.2	78.1	332.2	297.8	-

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