



Ref: SCL/EHS/LUMS/2025-26/130

Dated: 10/02/2026

To,

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

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

**Reference : MPCB/ONLINE/RCTO(R-1)/EJHD/2021/2025-2026/99, Dated Shillong, the 24<sup>th</sup> 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 **January, 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 | T : 03655-278215/16/18 | E : lumshnong@starcement.co.in  
Corp. Off.: Century House, 2nd Floor, P-15/1, Taratala Main Road, CPT Colony, Kolkata, West Bengal - 700088 | E : kolkata@starcement.co.in

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

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



# STAR CEMENT LIMITED

Lumshnong, Meghalaya

Date (DD-MM-YYYY)	Pressure (mmHg)	Relative Humidity (%)	Temp. (C)	Manual Rain (mm)
01-01-2026	977.7	79.9	15.9	0.0
02-01-2026	985.0	77.4	16.0	0.0
03-01-2026	980.3	90.2	11.0	0.0
04-01-2026	1001.8	78.9	15.2	0.0
05-01-2026	1001.4	90.6	11.8	0.0
06-01-2026	1003.9	89.3	11.8	0.0
07-01-2026	999.5	86.5	11.1	0.0
08-01-2026	991.2	88.5	12.1	0.0
09-01-2026	988.4	86.5	13.5	0.0
10-01-2026	992.9	80.9	15.6	0.0
11-01-2026	990.8	72.7	19.7	0.0
12-01-2026	980.2	85.3	15.8	0.0
13-01-2026	979.6	81.8	15.3	0.0
14-01-2026	980.3	72.0	19.1	0.0
15-01-2026	980.6	68.3	20.1	0.0
16-01-2026	982.3	84.7	16.1	0.0
17-01-2026	988.0	85.0	15.5	0.0
18-01-2026	982.4	73.1	19.1	0.0
19-01-2026	989.2	82.1	15.8	0.0
20-01-2026	980.5	85.8	15.0	0.0
21-01-2026	991.0	73.6	18.5	0.0
22-01-2026	995.5	72.0	18.6	0.0
23-01-2026	999.2	65.7	19.5	0.0
24-01-2026	1000.4	64.9	19.7	0.0
25-01-2026	999.3	68.1	18.9	0.0
26-01-2026	996.6	67.7	19.2	0.0
27-01-2026	982.8	78.3	17.0	0.0
28-01-2026	984.9	82.1	14.9	0.0
29-01-2026	993.8	80.0	15.3	0.0
30-01-2026	999.4	86.1	15.5	0.0
31-01-2026	992.7	87.5	18.4	0.0
			<b>Total</b>	<b>0.0</b>



# 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/2025-26/10 Month : January'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 <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )
12-01-2026	38.49	16.32	17.51	12.97
22-01-2026	37.26	18.41	16.50	12.12
NAAQS permissible limits for Rural, Industrial, Residential Area	100 (µg/m <sup>3</sup> )	60 (µg/m <sup>3</sup> )	80 (µg/m <sup>3</sup> )	80 (µg/m <sup>3</sup> )

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

	<b>STAR CEMENT LIMITED</b> WahPynKon, Limestone Mine (MLA 4.85 Ha) Lumshnong, Meghalaya			Reference No.	SCL/Env/F – 01
				Issue No.	1
	<b>AMBIENT AIR QUALITY MONITORING REPORT</b>			Date of Issue:	24.08.2013
				Revision No.	5
			Date of Rev.	01.12.2020	
Reference No.: SCL/ENV/AAQM/MONTHLY/2025-26/10				Month : January'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 <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> ( µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	
12-01-2026	38.41	18.52	18.11	12.62	
22-01-2026	37.26	19.73	17.64	10.85	
NAAQS permissible limits for Rural, Industrial, Residential Area	100 (µg/m <sup>3</sup> )	60 (µg/m <sup>3</sup> )	80 (µg/m <sup>3</sup> )	80 (µg/m <sup>3</sup> )	
<b>Remarks:</b> All the analyzed parameters are well within the permissible limits of NAAQ Standards , Notification dated 18th November 2009.					
 Analyzed by		 Checked By		 Verified By	

	<b>STAR CEMENT LIMITED</b> WahPynKon, Limestone Mine (MLA 4.85 Ha) Lumshnong, Meghalaya			Reference No.	SCL/Env/F – 01
				Issue No.	1
	<b>AMBIENT AIR QUALITY MONITORING REPORT</b>			Date of Issue:	24.08.2013
				Revision No.	5
			Date of Rev.	01.12.2020	
Reference No.: SCL/ENV/AAQM/MONTHLY/2025-26/10				Month : January'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 <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	
12-01-2026	39.11	17.21	16.82	13.65	
22-01-2026	38.45	19.36	17.21	12.77	
NAAQS permissible limits for Rural, Industrial, Residential Area	100 (µg/m <sup>3</sup> )	60 (µg/m <sup>3</sup> )	80 (µg/m <sup>3</sup> )	80 (µg/m <sup>3</sup> )	
<b>Remarks:</b> 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/2025-26/10

Wah-Pynkon Limestone Mine (MLA 4.85 Ha.)

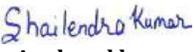
Month - January'26

Date	Location	Fugitive Emission Results	As per CPCB/BIS Guideline
		(in $\mu\text{g}/\text{m}^3$ )	Limit
12.01.2026	Near Drilling Point	NA	5000
12.01.2026	Near Lime Stone loading area	NA	5000
Remarks	Mine is not in operation.		

*Shailendra Kumar*  
Analyzed By

*[Signature]*  
Checked By

*[Signature]*  
Verified By

	<b>STAR CEMENT LIMITED</b> (4.85 Ha.) Lumshnong, Meghalaya			Document No.	SCL/EHS/Env/F-03
				Effective Date	01-05-2019
	<b>NOISE LEVEL MONITORING REPORT</b>			Revision No.	04
				Revision Date	01-01-2021
Ref: SCL/ENV/NOISE/MONTHLY/2025-26/10			Date: 12.01.2026		
<b>WahPynkon Limestone Mine (MLA 4.85 Ha.)</b>					
<b>Month - January'26</b>					
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)	38.5	42.0	40.3	75
2	Dozer (10 mtr. Distance)	40.5	43.2	41.9	
3	Dumper (10 mtr. Distance)	41.7	44.1	42.9	
4	Excavator	37.9	43.5	40.7	
5	<b>Village</b>				55
	A) Lumshnong	34.6	39.8	37.2	
	B) Thangskai	35.9	40.3	38.1	
<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">   <b>Analyzed by</b> </div> <div style="text-align: center;">   <b>Checked By</b> </div> <div style="text-align: center;">   <b>Verified By</b> </div> </div>					



# STAR CEMENT LIMITED

Lumshnong, Meghalaya

WahPynKon, Limestone Mine (MLA 4.85 Ha.)

WATER TESTING REPORT- January'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/2025-26/10

## Surface Water Analysis Results

Date of sample collection: 01.01.2026

Date of Analysis: 01.01.2026 to 10.01.2026

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	-	7.3	7.2	7.6	7.3	7.6	7.5	7.3	7.4	7.2	7.6	7.2	7.8	7.6	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	19.1	18.5	20.4	20.7	22.8	23.4	20.9	21.1	22.4	21.7	18.2	20.3	18.5	250
5	Total Hardness as CaCO <sub>3</sub>	mg/L	129.5	128.5	131.2	125.1	115.9	132.8	104.2	96.5	100.3	147.5	105.4	120.5	98.8	300
6	Suspended Solids	mg/L	48.5	54.5	65.3	62.8	70.2	65.8	66.2	64.3	59.4	67.3	58.5	52.8	64.6	-
7	Total Dissolve Solids	mg/L	268.3	245.9	256.4	215.7	232.9	248.6	235.4	258.6	237.5	242.8	251.7	240.2	252.3	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	23.1	25.0	24.1	24.5	23.4	23.6	24.1	24.8	23.1	24.7	22.8	25.5	24.3	-
11	Conductivity	µS/cm	241.2	203.4	235.1	227.9	255.4	259.3	248.7	264.9	244.5	209.6	217.5	236.7	247.2	-
12	Flow	L/ Min	8.0	358.1	420.5	147.6	185.3	251.6	4586.2	1647.3	56125.3	99.5	50.1	324.8	289.5	-

*Shailendra Kumar*  
Analyzed by

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Verified by