



<u> Through – Parivesh Portal</u>

PJL/MIN/PCL/2023-23105

01st December, 2023

To, Regional Director Ministry of Environment & Forests and Climate Change Regional Office, Western Region Kendriya Paryavaran Bhavan Link Road No. 3 E - 5, Ravishankar Nagar Bhopal – 462016

Sub: Six Monthly Compliance report of Environment Clearance over 66.434 ha area of Limestone Mine of M/s Prism Johnson Ltd. In Village Bandarakha, Tehsil Rampur Baghelan, Dist. Satna (M.P.)

Ref: Environment Clearance letter no.J-11015/8/2000-IA, II (M), dated 14.02.2001.

Dear Sir,

We are sending enclosed herewith the six monthly compliance report (period April 23 to September 2023) of the environmental clearance granted for limestone deposit at Village- Mankahari, Tehsil-Rampur Baghelan, Dist. Satna (M.P.), related to Environment Clearance letter no.J-11015/8/2000-IA, II (M), dated 14.02.2001., along with necessary enclosures.

We hope you will find the same in order.

Thanking you.

Yours faithfully, For Prism Johnson Limited

nager

Prism Cement Limestone Mines

Encl: As above

PRISM JOHNSON LIMITED

(Cement Division)



Works: Village Mankahari, P.O.-Bathia, Dist. Satna - 485 111 (M.P.) India T: +91-07672-275301 / 302600 Corres. Add.: 'Rajdeep', Rewa Road, Satna - 485 001 (M.P.) India. T: +91-07672-402726 Registered Office: Prism Johnson Limited, 305, Laxmi Niwas Apartments, Ameerpet. Hyderabad - 500 016, India. w: www.prismjohnson.in, www.cement.prismjohnson.in, E: info@prismjohnson.in COMPLIANCE OF CONDITIONS AS STIPULATED BY MOEF VIDE LETTER NO. J -11015 / 8 / 2000 - I A. II (M) DATED 14.2.2001 FOR ADDITIONAL LIMESTONE DEPOSIT OVER 66.434 HECT. AREA IN VILLAGE MANAKAHARI, TEHSIL RAMPUR BAGHELAN, DIST. SATNA (M.P.)

Α.	Specific Conditions :		
(i)	Mining should be carried out 500 m away from the Rewa – Satna railway track.	\rightarrow	No mining activities are carried out within 500 m vicinity of Rewa – Satna Railway track.
(ii)	The topsoil should be stacked properly with adequate measures at earmarked site. It should be used for reclamation and rehabilitation of mined out area.	\rightarrow	Topsoil is being used for reclamation and rehabilitation of the mined out area. No outside stacking is being done.
(iii)	OB dumps should be stacked at earmarked dump site(s) only on temporary basis. Concurrent back – filling and reclamation should be carried out from the 3 rd year of operations.	Ŷ	Reclamation of the mined out area has been started from 3 rd year of operations as stipulated in the condition. 12.83 Ha. of mined out area has been reclaimed.
(iv)	A green belt of adequate width by planting the native plant species all around the ML area, roads, OB dump sites etc. should be raised in consultation with local DFO / Agriculture Department.	Ŷ	Green belt of adequate width is being developed. Year wise details of the plantation carried out so far are given in Annexure I. A rose garden has been developed in the colony.
			A nursery has also been developed where various types of saplings are prepared for plantation.
			Saplings planted in FY 22-23 were 888 and cumulative plantation till September 2023 is 25944.
(v)	Drill should be operated with dust extractors or only wet drilling should be adopted.	⇔	Drill machine IBH 10 of Atlas Copco is in operation. This machine is fitted with water sprinkler that settles the dust generated at the time of drilling and thus prevents it from going into the atmosphere.
(vi)	Controlled blasting should be carried out.	⇔	Controlled blasting is being practiced.

(vii)	Check dam and siltation ponds of appropriate size should be constructed to arrest silt and sediments flow from OB and mineral dumps. The water so collected should be utilized for watering mine area, roads, greenbelt, etc. The drains should be regularly desilted and maintained properly.	⇔	Garland drain and siltation pond have been constructed to arrest the silt and sediment flow.
(viii)	Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells and constructing new piezometers. Monitoring should be done four times a year– pre- monsoon April / May, Monsoon (August), Post–monsoon (November) and winter (January). Data thus collected should be sent at regular intervals to MoEF.	⇔	Being done. Ground water level monitoring data of Monsoon, have been given in Annexure II. Quality monitoring report of the ground water of the wells/bore holes is given in Annexure III.
(ix)	Crusher should be installed and operated with adequate capacity de-dusting arrangement	⇔	Crusher has already been installed with adequate capacity of de-dusting arrangement like bag - filters. Continuous water sprinkling arrangement at crusher hopper has also been made for suppressing the dust generated during unloading of the mineral in crusher hopper.
(x)	A detailed mine decommissioning plan should be submitted to MoEF 5 year in advance for approval.	⇔	Will be submitted.
В.	GENERAL CONDITIONS		
(i)	No change on mining technology and scope of working should be made without prior approval of the Ministry of Environment and Forests.	⇔	No changes have been made.
(ii)	No change in the calendar plan including excavation, quantum of limestone, waste / OB dumps should be made.	₽	No changes have been made.
(iii)	Four ambient air quality monitoring stations should be established in the core zone as well as buffer zone for SPM, RPM, SO ₂ , NO _X and CO monitoring. Location of the ambient air quality stations should be decided based on the meteorological data, topographical features and environmentally sensitive targets in consultation with the State Pollution Control Board.	₽	Four different monitoring stations are established and air quality is monitored twice in a week
(iv)	Data of ambient air quality should be regularly submitted to the Ministry including	⇔	Being done regularly and submitted to the ministry and other government

	its Regional Office at Bhopal and the State Pollution Control Board / Central Pollution Control Board once in six months.		agencies. Ambient air quality monitoring results from April 2023 to September 2023 have been given in Annexure IV.
(v)	Adequate measures for control of fugitive emissions should be taken during drilling and blasting operations, loading and transportation of minerals etc.	仓	Adequate measures for control of fugitive emission are being taken during drilling and blasting operations, loading and transportation of mineral etc.
			• Drill machine is operated with in- built dust extractor, which arrests the dust generated during the drilling operation.
			• Water sprinkling is done on the blasted muck after blasting to reduce the dust generation during the loading operation.
			 Water spraying is continuously done on haul roads.
(vi)	Adequate measures should be taken for control of noise levels below 85 dB in the	₽	Being taken.
	work environment.		Noise monitoring reports from April 2023 to September 2023 have been given in Annexure –V.
(vii)	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.	仓	Personal protective equipments are being provided to all personnel working in dusty area at regular intervals. Attached as Annexure - VI
	Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposures to dust and take corrective		Time to time, training and information on health and safety aspects are being imparted by the HRD Deptt. as well as at vocational training centre of the Deptt.
	measures, if needed.		All employees undergo periodical medical examination under Mines Act at regular intervals.
(viii)	The funds earmarked for environmental protection measures should be kept in separate account and not diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment & Forests.	Ŷ	Envoirmental Expenditure of 2023-24ParticularsExpenditure (Inlakh)1Air Pollution Monitoring0.242Noise Monitoring0.13Plantation4.944Dust Control Measure4.94Total5.24

		1	1
(ix)	The Regional Office of this Ministry located at Bhopal shall monitor compliance of the stipulated environmental safeguards. The project authority should send one set of EIA / EMP Report and Mining Plan to them and extend full co – operation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring report.	₽	Photocopies of Rapid EIA – EMP Report and Mining Plan have already been sent. Co-operation is being extended to the inspecting Officials.
(x)	The Project authority should inform to the Regional Office located at Bhopal as well as to the Ministry of Environment & Forests regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	⇔	Agreed
(xi)	A copy of the clearance letter will be marked to concerned Panchayat / Local NGO, if any, from whom any suggestion / representation has been received while processing the proposal.	⇔	Agreed. A copy of the EC is attached as Annexure VII
(xii)	State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industry Centre and Collector's Office / Tehsildar's Office for 30 days.	⇒	Not applicable to PP
(xiii)	The Project authority should advertise at least in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and the copy of the clearance letter is available with the state Pollution Control Board and may also be seen at the web site of the Ministry of Environment and Forests at http://envfor.nic.in.	⇔	The advertisement was published in two of the local newspapers viz. 'Dainik Bhaskar' and 'Naw Swadesh' which was earlier informed vide our letter no. MIN / 104 / 5820A dated 27.3.02.

	Year-wis	se plantation of 66.434 H	Ha ML				
S. No.	Year	Number of	Greenbelt/Colony				
5. NO.	Tear	Plants planted					
1	2001-02	1132	0				
2	2002-03	1937	449				
3	2003-04	3522	4387				
4	2004-05	982	571				
5	2005-06	739	0				
6	2006-07	1300	0				
7	2007-08	720	600				
8	2008-09	1104	4000				
9	2009-10	1000	2330				
10	2010-11	1640	7258				
11	2011-12	1400	3698				
12	2012-13	800	3100				
13	2013-14	680	2740				
14	2014-15	1600	2566				
15	2015-16	1000	3200				
16	2016-17	1000	37876				
17	2017-18	1000	10000				
18	2018-19	1000	15000				
19	2019-20	1000	43364				
20	2020-21	1000	35944				
21	2021-22	500	14468				
22	2022-23	888	11686				
R	Total	25944	203237				





Sample Number:

Sample Collected By

Sample Description:

VTL/WL/01 **Report No.: M/s PRISM JOHNSON LIMITED** Name & Address of the Party: Format No.: Village- Mankahari, Tehsil- Rampur **Party Reference No.:** NIL Baghelan, Dist.- Satna (M.P.) **Report Date: VTL** Team **Receipt Date: Ground Water Level Monitoring Date of Monitoring**

VTL/WL/2309140001-12 7.8 F-01 20/09/2023 14/09/2023 12/09/2023

S.No.	Location	Depth (In meter)
1.	Near Colony Gate	13.46
2.	Behind B Block colony	1.55
3.	Behind C Block colony	13.60
4.	Auto Work Shop	13.50
5.	In Front Den	8.26
6.	Rose Garden near Boundary	16.32
7.	Western Block Mines	8.18
8.	Near New Magazine Mines	11.0
9.	Chulhi Majhiyar Mines	5.48
10.	Mines near Ramprasan	9.10
11.	Medi Mines	8.63
12.	Mankahari Mines	15.43



Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020 9929108691, 9810205356, 8005707098, 9549956601

2 0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

TEST REPORT

ULR No.





: TC112272300000060F

Sampl	e Number : VTL/W/06			Report I	No.	: VTL/W/23091	40014/A			
Name	& Address of the Party	: M/s PRISM JOHNSON LIMITED		Format	No	: 7.8 F-01				
		Village- Mankahari, Tehsil- Rampur Ba	ghelan, Dist	Party Re	eference No	: NIL				
33		Satna (M.P.)		Report I	Date	: 20/09/2023				
				Period of	of Analysis	: 14/09/2023-20/09/2023				
Samp	le Description	: Water Sample		Receipt	Date	: 14/09/2023				
Samp	ling Location	: Mankahari Village - Hand Pump		Samplin	•	: 12/09/2023				
Samp	le Collected By	: VTL Team		Samplin		: Grab				
	rvation	: Suitable Preservation		Sample	Quantity	: 2 Ltr.				
Metho	d of sampling	: IS :3025		Coordin	ates	: 81.998838 8	24.564754			
S.No	Test Parameters	s Test Method	Result	ts	Units	IS:105	00-2012			
	21 1 0.04 1.0		14			Acceptable Limit	Permissible Limit			
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.60			6.5 to 8.5	No Relaxation			
2	Turbidity	IS : 3025: (P-10)1984, RA 2017	*BLQ(**LO	Q-1.0)	NTU	1	5			
3	Total Hardness (as CaCo	03) IS: 3025 (P-21): 2009, RA 2019	290.0	0	mg/l	200	600			
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	68.32		mg/l	75	200			
5	Total Alkalinity (as CaCC	3) IS: 3025 (P-23): 1986, RA 2019	220.2	1	mg/l	200	600			
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	92.63		mg/l	250	1000			
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	29.05	1	mg/l	30	100			
8	Total Dissolved Solids	IS :3025 (P-16): 1984, RA 2017	635.2	0	mg/l	500	2000			
9	Sulphate (as SO4)	IS: 3025 (P-24): 1986, RA 2022	98.62	2/	mg/l	200	400			
10	Fluoride (as F)	APHA 23rd Edition ,4500FD :2017	0.51		mg/l	1.0	1.5			
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	19.62		mg/l	45.0	No Relaxation			
12	Iron (as Fe)	APHA 23rd Edition , 3111B,2017	0.26		mg/l	1.0	No Relaxation			
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOC	2-0.03)	mg/l	0.03	0.2			
14	Boron (as B)	APHA 23rd Edition, 11 C 4500B,2017	*BLQ(**LO	Q-0.2)	mg/l	0.5	1.0			
15	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOC	2-0.02)	mg/l	0.05	No Relaxation			
16	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.29		mg/l	5.0	15.0			
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOO	Q-0.02)	mg/l	0.05	1.5			











Page No. 12

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

• SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

- 2 0141-2954638
- M bd@vibranttechnolab.com
- www.vibranttechnolab.com







	nimaginable" e Number : VTL/W/06		ULR No Report		: TC112272300000060F : VTL/W/2309140014/A					
S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012					
					Acceptable Limit	Permissible Limit				
18 .	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3				
19	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation				
20	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B,2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation				
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05				
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation				
23	Total Coliform	IS : 15185 : 2016	Absent	per 100 mi	Shall not be detectable in any 100 ml sample	7				
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-				
25	Sulphide	IS 3025 (P-29) :1986 RA 2019 Idometric	*BLQ(**LOQ-0.1)	mg/l	0.05	No Relaxation				
26	Nickel as Ni	APHA 23rd Edition,3030D,3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation				
27	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0				

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report

"Experience the unimaginable"











Page No. 2/2

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

- **2** 0141-2954638
- 🔀 bd@vibranttechnolab.com
- www.vibranttechnolab.com



VIBRANT "Experience the unimaginable"

Sample	Number : VTL/W/06			Report No.	: VTL/W/230914	40014/B
Name	& Address of the Party	: M/s PRISM JOHNSON LIMIT	ED	Format No	: 7.8 F-01	
		Village- Mankahari, Tehsil- R	ampur Baghelan, Dist	Party Reference No	: NIL	
		Satna (M.P.)		Report Date	: 20/09/2023	
				Period of Analysis	: 14/09/2023-20	/09/2023
Sample	e Description	: Water Sample		Receipt Date	: 14/09/2023	
Sampl	ing Location	: Mankahari Village - Hand Pu	mp	Sampling Date	: 12/09/2023	
Sample	e Collected By	: VTL Team		Sampling Type	: Grab	
Preser	vation	: Suitable Preservation		Sample Quantity	: 2 Ltr.	
Metho	d of sampling	: IS :3025		Coordinates	: 81.998838 &	24.564754
S.No.	Test Parameters	Test Method	l Resu	lts Units	IS:105	00-2012
	n in the term of the Addition of the The Addition of the Addit				Acceptable Limit	Permissible Limit
1	Colour	IS : 3025:(P-4)1983, :F	RA 2017 *BLQ(**LC	Q-5.0) Hazen	5	15
2	Odour	IS : 3025 (P-5) : RA	2018 Agreea	able	Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 1984 F	RA 2017 Agreea	able	Agreeable	Agreeable
4	Anionic Detergents (as M	BAS) APHA 23rd Edition , 2017	5540C *BLQ(**LO	Q-0.05) mg/l	0.2	1.0

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report







RK Yadav Lab Incharge Authorized Signatory OLd subjutions & 표정 Page No. 1셸

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020
 9929108691, 9810205356, 8005707098, 9549956601

bd@vibranttechnolab.com
www.vibranttechnolab.com

2 0141-2954638

AIR QUALITY MONITORING REPORT FOR MINES MONTH - APRIL 2023

:

:

:

:

: PRISM JOHNSON LTD PRISM CEMENT LIMESTONE MINES VILLAGE: MANKAHARI, HINAUTI & SIJAHATA POST : BATHIA DISTT : SATNA (M.P.)- 485111

2 NAME OF PERSON PREPARED THE REPORT

1 NAME & ADDRESS OF FACTORY

3 AMBIENT AIR QUALITY MONITORING 1. DURATION 2. DISTANCE FROM FACTORY

8X3=24Hrs. LOCATION (1) - SW (BP No. 18) LOCATION (2) - Near Western side ML boundary (Pillar No. 14) of ML area LOCATION (3) - Near Mankahari Village LOCATION (4) - Near Hinouti Village

3. WIND DIRECTION

MENTIONED IN THE TABLE

Shubham Lakhera

SI			L	ocation ()	D			L	ocation (2	2)			L	ocation (3	3)			Wind				
No.	Date	PM 2.5	PM10	SO2	NOX	CO	PM 2.5	PM10	SO2	NOX	CO	PM 2.5	PM10	SO2	NOX	CO	PM 2.5	PM10	SO2	NOX	CO	Direction
	Duit	це/М3	ug/M3	ug/M3	µg/M3	µg/M3	µg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	From
1	04.04.2023	32.61	60.13	45.87	46.92	BDL	32.40	58.16	43.20	44.94	BDL	30.27	60.20	39.49	41.80	BDL	28.50	55.27	41.31	42.47	BDL	SE
2	08.04.2023	35.00	62.78	46.50	48.54	BDL	33.65	60.61	44.19	45.30	BDL	30.30	59.18	40.50	43.14	BDL	29.31	55.95	42.53	43.68	BDL	SE
3	11.04.2023	37.75	64.21	45.13	47.07	BDL	34.31	58.02	41.98	44.49	BDL	32.36	60.37	38.19	40.45	BDL	27.43	56.97	40.50	42.65	BDL	SE
4	14.04.2023	36.34	62.78	44.56	46.74	BDL	35.31	56.45	42.53	43.68	BDL	32.98	62.24	39.77	42.65	BDL	28.40	57.36	41.98	42.07	BDL	SE
5	17.04.2023	38.04	64.30	44.56	45.60	BDL	36.34	61.95	43.74	43.92	BDL	32.61	56.63	41.66	41.35	BDL	27.97	61.10	43.20	43.14	BDL	SE
6	20.04.2023	37.07	63.58	45.91	46.23	BDL	34.68	59.92	44.19	45.30	BDL	33.52	54.93	38.88	40.45	BDL	26.26	60.78	42.53	41.80	BDL	SE
7	24.04.2023	34.11	61.10	46.50	45.84	BDL	31.93	56.55	43.20	43.14	BDL	31.96	57.17	39.77	39.71	BDL	26.52	62.24	41.31	42.47	BDL	SE
8	27.04.2023	36.88	63.10	45.87	46.52	BDL	33.05	60.05	44.56	42.65	BDL	33.42	56.94	40.50	40.45	BDL	29.63	64.79	42.53	41.35	BDL	SE

BDL - Below Detectable Limit

Sumitabh Dwivedi

Sr. Manager- Environment Prism Johnson Ltd. Satna (M.P.)

Manoj Kumar Kashyap Asst. Vice President Prism Johnson Ltd. Satna (M.P.)

AIR QUALITY MONITORING REPORT FOR MINES MONTH - MAY 2023

1 NAME & ADDRESS OF FACTORY

2 NAME OF PERSON PREPARED THE REPORT

3 AMBIENT AIR QUALITY MONITORING 1 DURATION 2 DISTANCE FROM FACTORY

3 WIND DIRECTION

PRISM JOHNSON LTD PRISM CEMENT LIMESTONE MINES VILLAGE: MANKAHARI, HINAUTI & SIJAHATA POST. BATHIA DISTT SATNA (M P)- 485111

Ankıta Sıngh Parihar

8X3=24Hrs LOCATION (1) - SW (BP No 18) LOCATION (2) - Near Western side ML boundary (Pillar No 14) of ML area LOCATION (3) - Near Mankahari Village LOCATION (4) - Near Hinouti Village

MENTIONED IN THE TABLE

SI			L	ocation ()	1)			I	ocation (2	2)			I	ocation (3	3)			Wind				
No.	Date	PM 2.5	PM10	SO2	NOX	CO	PM 2.5	PM10	SO2	NOX	CO	PM 2.5	PM10	SO2	NOX	CO	PM 2.5	PM10	SO2	NOX	CO	Direction
		μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	From
1	08.05.2023	38 54	61 70	44 56	45 60	BDL	36 76	59 10	42 53	43 68	BDL	31 67	60 95	38 88	40.45	BDL	33 01	66.54	40.50	43 14	BDL	SE
2	12.05,2023	36 46	62 63	45 13	46 92	BDL	34 61	63 64	43 20	44 94	BDL	32.22	59 41	39 49	39 71	BDL	35 00	59 06	41.31	41 35	BDL	SE
3	15.05.2023	39 21	63 05	46 18	45 30	BDL	35 24	64 72	43 74	42 65	BDL	29 61	61 91	40 50	40.45	BDL	32 71	61.10	41 98	42.07	BDL	SE
4	19.05.2023	38 44	60 81	45 87	48.54	BDL	36 95	63 11	43 74	43 14	BDL	33 41	58 09	38.48	39.55	BDL	36 57	60.37	40.50	41 80	BDL	SE
5	22.05.2023	39 88	6411	45 91	47 07	BDL	33 26	69 97	41 31	42 47	BDL	31 54	56 59	39.49	38.83	BDL	40.60	58 88	41.31	40.45	BDL	SE
6	24.05.2023	36 38	62.33	46 50	46 74	BDL	30 62	66 16	43.20	44 49	BDL	32 53	60.58	39 77	40.45	BDL	35.00	60 00	40.50	41 18	BDL	SE
7	27.05.2023	33 25	65 94	46.58	47 19	BDL	33 02	61 10	42 53	43 68	BDL	36 00	57 91	40.50	39.29	BDL	34 60	60.35	41.66	42.47	BDL	SE
8	29.05.2023	40 22	61 44	45 13	46 92	BDL	36 76	64.55	41 98	42 65	BDL	32.95	59.98	38 88	40.45	BDL	36 19	59.92	39 49	41.80	BD1.	SE

BDL - Below Detectable Limit

Ung

Sumitabh Dwivedi Sr. Manager- Environment Prism Johnson Ltd. Satna (M.P.)

Manoj Kumar Kashyap Asst. Vice President Prism Johnson Ltd. Satna (M.P.)

AIR QUALITY MONITORING REPORT FOR MINES MONTH - JUNE 2023

NAME & ADDRESS OF FACTORY 1

NAME OF PERSON PREPARED THE REPORT 2

3 AMBIENT AIR QUALITY MONITORING 1 DURATION 2. DISTANCE FROM FACTORY

PRISM JOHNSON LTD PRISM CEMENT LIMESTONE MINES VILLAGE: MANKAHARI, HINAUTI & SIJAHATA POST : BATHIA DISTT : SATNA (M.P.)- 485111

Ankita Singh Parihar

8X3=24Hrs.

LOCATION (1) - SW (BP No. 18) LOCATION (2) - Near Western side ML boundary (Pillar No. 14) of ML area LOCATION (3) - Near Mankahari Village LOCATION (4) - Near Hinouti Village

3 WIND DIRECTION

SI Location (1) No. Date Location (2) PM 2.5 PM10 SO2 NOX Location (3) CO PM 2.5 PM10 SO2 Location (4) $\mu g/M3$ NOX CO PM 2.5 PM10 μg/M3 μg/M3 μg/M3 SO2 Wind $\mu g/M3$ NOX 1 μg/M3 CO 05.06.2023 $\mu g/M3$ PM 2.5 PM10 40.40 $\mu g/M3$ μg/M3 SO2 67.21 $\mu g/M3$ NOX 44.56 CO $\mu g/M3$ Direction 46.92 BDL $\mu g/M3$ $\mu g/M3$ 34.96 μg/M3 2 08.06.2023 58.59 $\mu g/M3$ 36.95 42.53 43.68 $\mu g/M3$ $\mu g/M3$ μg/M3 66.53 BDL. цg/M3 45.13 31.51 μg/M3 47.07 71.05 From BDI 38.88 31.25 40.45 3 BDL 10.06.2023 68.78 43.20 35.04 38.75 44.49 62.63 64.27 BDL 40.50 30.97 42.65 46.18 45.60 65.00 39.49 BDL BDL SE 41.18 33.55 4 59.18 BDL 33.42 13.06.2023 43.74 34.82 42.47 64.10 59.41 BDL 41.31 43.14 45.87 32.82 BDL 46.74 58.09 SE 40.50 BDL 5 32.11 39.71 BDL 15.06.2023 65.98 34.68 43.74 66.95 36.00 43.92 60.95 BDL 31.84 41.98 42.07 45.91 BDL 44.94 60.10 38.48 SE BDI. 31.38 41.35 6 61.93 BDL 17.06.2023 41.31 31.99 37.63 55.49 42.65 BDL 64.53 40.50 30.64 43.68 46.50 BDL 46.23 59.86 BDL 39.49 SE 7 32.20 40.45 59 97 BDL 32.25 19.06.2023 34.11 43.20 43.14 65.66 41.31 61.91 46.58 BDL 41.80 29.76 BDL 45.30 60.28 39.77 SE BDL. 39.55 8 31.00 66.02 BDL 21.06.2023 42.53 31.25 66.49 35.28 41.60 BDL 40.50 63.22 45.13 30.00 42.07 46 74 57.10 BDI. BDI 40.50 SE 31.77 39.29 9 23.06.2023 59.06 41.98 BDL 30.78 39.63 71.60 42.47 72.32 BDL 41.66 42.02 31.08 43.14 BDL 48.66 62.05 BDL 38.88 SE 40.45 29.63 65.63 BDL 31.84 40.58 60.95 44.05 BDL 29.60 39.49 42.65 71.70 BDL 40.50 44.36 SE BDL 32.45 62.55

BDL - Below Detectable Limit

Sumitabh Dwivedi Sr. Manager- Environment Prism Johnson Ltd. Satna (M.P.)

Manoj Kumar Kashyap Asst. Vice President

40.52

Prism Johnson Ltd. Satna (M.P.)

40.69

BDL

SE

MENTIONED IN THE TABLE

AIR QUALITY MONITORING REPORT FOR MINES MONTH - JULY 2023

 1
 NAME & ADDRESS OF FACTORY
 ::
 PRISM JOHNSON LTD

 1
 PRISM CEMENT LIMESTONE MINES
 VILLAGE: MANKAHARI, HINAUTI & SIJAHATA

 2
 NAME OF PERSON PREPARED THE REPORT
 ::
 Ankita Singh Parihar

3 AMBIENT AIR QUALITY MONITORING

1. DURATION

2. DISTANCE FROM FACTORY

8X3=24Hrs.

LOCATION (1) - SW (BP No. 18) LOCATION (2) - Near Western side ML boundary (Pillar No. 14) of ML area LOCATION (3) - Near Mankahari Village LOCATION (4) - Near Hinouti Village

3 WIND DIRECTION

SI			L	ocation (1)			L	ocation (2	2)			L	ocation (3	3)			Wind				
No.	Date	PM 2.5	PM10	SO2	NOX	CO	PM 2.5	PM10	SO2	NOX	CO	PM 2.5	PM10	SO2	NOX	CO	PM 2.5	PM10	SO2	NOX	CO	Direction
		μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	$\mu g/M3$	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	цд/МЗ	ug/M3	From
1	06.07.2023	33.11	56.56	43.20	44.94	BDL	31.84	52.61	41.66	42.07	BDL	30.67	54.16	37.80	40.45	BDL	31.28	50.24	40.50	44.49	BDL	SE
2	08.07.2023	39.23	56.61	44.19	45.30	BDL	33.63	56.29	42.53	43.14	BDL	31.70	53.99	38.19	41.18	BDL	33.18	50.86	41.98	43.68	BDL	SE
3	12.07.2023	35.53	53.25	43.74	45.84	BDL	33.62	59.91	41.98	42.65	BDL	29.94	54.44	39.49	39.55	BDL	30.95	63.39	42.53	44.13	BDL	SE
4	15.07.2023	32.18	58.43	44.56	42.07	BDL	31.47	61.84	40.50	40.45	BDL	30.80	59.88	37.56	39.29	BDL	33.62	52.30	41.31	43.92	BDL	SE
5	20.07.2023	36.00	60.25	45.13	43.92	BDL	32.60	55.15	41.31	41.60	BDL	31.47	58.39	39.77	38.83	BDL	32.34	56.67	43.20	41.80	BDL	SE
6	22.07.2023	34.41	53.36	43.74	44.49	BDL	31.96	61.67	39.49	42.07	BDL	30.54	60.05	38.48	37.75	BDL	32.61	58.65	44.19	43.14	BDL	SE
7	26.07.2023	38.71	52.24	44.19	44.13	BDL	30.30	53.39	42.53	41.18	BDL	30.37	52.31	36.45	38.24	BDL	31.76	60.89	41.66	43.68	BDL	SE
8	31.07.2023	34.09	53.12	43.20	43.92	BDL	31.90	55.10	41.98	42.07	BDL	29.94	55.20	37.56	39.10	BDL	31.02	58.59	39.49	44.13	BDL	SE

BDL - Below Detectable Limit

Sumitabh Dwivedi Sr. Manager- Environment Prism Johnson Ltd. Satna (M.P.)

Manoj Kumar Kashyap Asst. Vice President Prism Johnson Ltd. Satna (M.P.)

MENTIONED IN THE TABLE

AIR QUALITY MONITORING REPORT FOR MINES MONTH - AUGUST 2023

1 NAME & ADDRESS OF FACTORY

2 NAME OF PERSON PREPARED THE REPORT

3 AMBIENT AIR QUALITY MONITORING 1. DURATION 2. DISTANCE FROM FACTORY

PRISM JOHNSON LTD PRISM CEMENT LIMESTONE MINES VILLAGE: MANKAHARI, HINAUTI & SIJAHATA POST : BATHIA DISTT : SATNA (M.P.)- 485111

Ankita Singh Parihar

8X3=24Hrs.

LOCATION (1) - SW (BP No. 18) LOCATION (2) - Near Western side ML boundary (Pillar No. 14) of ML area LOCATION (3) - Near Mankahari Village LOCATION (4) - Near Hinouti Village

3. WIND DIRECTION

SI			L	ocation (1	1)			I	ocation (2	2)			L	ocation (3)			L	ocation (-	4)		Wind
No.	Date	PM 2.5	PM10	SO2	NOX	CO	PM 2.5	PM10	SO2	NOX	CO	PM 2.5	PM10	SO2	NOX	CO	PM 2.5	PM10	SO2	NOX	CO	Direction
-		μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	μg/M3	From
1	04.08.2023	34.61	46.48	41.31	42.65	BDL	30.92	50.69	40.50	41.35	BDL	29.91	48.44	36.45	38.43	BDL	31.64	45.45	39.49	37.75	BDL	SE
2	08.08.2023	32.34	51.00	42.53	43.14	BDL	31.74	52.93	41.66	41.18	BDL	30.86	49.73	35.35	37.75	BDL	31.28	51.19	37.80	38.24	BDL	SE
3	10.08.2023	36.08	52.31	40.50	41.80	BDL	32.85	54.44	39.49	40.45	BDL	32.11	54.05	38.88	38.24	BDL	33.14	53.01	40.50	39.55	BDL	SE
4	14.08.2023	35.67	53.00	41.66	43.68	BDL	31.51	53.88	39.77	39.29	BDL	29.91	51.94	36.45	39.10	BDL	30.30	55.50	38.88	41.18	BDL	SE
5	17.08.2023	33.89	42.20	42.53	44.13	BDL	33.01	54.85	40.50	41.60	BDL	30.00	46.21	38.19	39.71	BDL	32.22	48.91	39.77	40.45	BDL	SE
6	23.08.2023	34.44	49.77	41.98	43.92	BDL	32.11	53.73	38.48	40.45	BDL	30.62	55.83	37.56	38.43	BDL	30.09	53.20	39.49	41.35	BDL	SE
7	25.08.2023	35.46	52.45	43.20	42.47	BDL	30.06	48.29	41.66	41.80	BDL	29.21	59.74	37.80	39.55	BDL	29.61	54.59	38.48	41.18	BDL	SE
8	30.08.2023	36.08	51.81	42.53	44.94	BDL	32.89	55.83	40.50	42.07	BDL	31.11	48.35	38.19	40.45	BDL	31.13	53.46	39.49	41.60	BDL	SE

BDL - Below Detectable Limit

Sumitabh Dwivedi Sr. Manager- Environment Prism Johnson Ltd. Satna (M.P.)

Manoj Kumar Kashyap Asst. Vice President Prism Johnson Ltd. Satna (M.P.)

MENTIONED IN THE TABLE

AIR QUALITY MONITORING REPOR	T FOR MINES
MONTH -SEPTEMBER 20	23

1 NAME & ADDRESS OF FACTORY

PRISM JOHNSON LTD PRISM CEMENT LIMESTONE MINES VILLAGE: MANKAHARI, HINAUTI & SUAHATA POST: BATHIA DISTT: SATNA (M.P.)- 485111

2 NAME OF PERSON PREPARED THE REPORT

3 AMBIENT AIR QUALITY MONITORING 1. DURATION

2. DISTANCE FROM FACTORY

8X3=24Hrs. LOCATION (1) - SW (BP No. 18) LOCATION (2) - Near Western side ML boundary (Pillar No. 14) of ML area LOCATION (3) - Near Mankahari Village LOCATION (4) - Near Hinouti Village

3. WIND DIRECTION

Wind Location (4) Location (3) Location (2) Location (1) SI SO2 NOX CO Direction NOX CO PM 2.5 PM10 PM 2.5 PM10 SO2 **SO2** NOX CO CO PM 2.5 PM10 PM 2.5 PM10 SO2 NOX No. Date $\mu g/M3$ ug/M3 ug/M3 $\mu g/M3$ $\mu g/M3$ µg/M3 From μg/M3 μg/M3 $\mu g/M3$ $\mu g/M3$ $\mu g/M3$ μg/M3 μg/M3 $\mu g/M3$ μg/M3 μg/M3 μg/M3 µg/M3 μg/M3 $\mu g/M3$ 31.25 SE 52.00 42.53 42.07 BDL 48.34 38.19 40.45 BDL 46.50 41.31 41.60 BDL 30.30 45.30 BDL 31.67 32.95 47.65 44.19 02.09.2023 1 41.45 SE 32.82 52.83 40.50 BDL 49.24 39.49 38.43 BDL 40.45 BDL 31.64 43.74 44.13 BDL 32.25 47.10 40.50 06.09.2023 34.31 41.61 2 SE 31.87 53.18 38.88 40.45 BDL 36.45 39.55 BDL 41.18 BDL. 30.46 48.66 30.64 51.65 39.77 09.09.2023 33.14 45.34 41.66 43.92 BDL 3 SE 37.56 38.24 BDL 33.03 54.54 39.49 41.80 BDL 41.35 BDI. 32.11 50.86 32.89 53.57 38.88 35.75 45.99 42.53 44 49 BDL 4 15.09.2023 SE BDL 30.70 58.04 40.50 40.45 BDI 42.07 BDL 29.97 52.16 35.35 39.10 45.60 BDL 30.30 52.88 41.66 34.21 52.88 43.20 5 18.09.2023 BDI SE 32.34 57.59 38.48 41.35 52.40 36.45 37.75 BDL 32.43 56.97 39.49 40.45 BDL 31.81 36.08 50.90 41.98 43.14 BDL 6 23.09.2023 NE 29.38 50.86 36.45 41.18 BDL 55.33 35.10 40.45 BDL 37.80 41.60 BDL 28,35 31.64 53.36 39.49 44.94 BDL 29.10 54.51 7 26.09.2023 55.77 39.49 41.80 BDL SE 52.65 37.80 39.71 BDL 32.86 55.95 39.77 40.43 BDL 31.21 43.68 BDL 31.30 8 29.09.2023 35.00 54.60 43.20

BDL - Below Detectable Limit

Sumitabh Dwivedi Sr. Manager- Environment Prism Johnson Ltd. Satna (M.P.)

🔗 Manoj Kumar Kashyap Asst. Vice President

Prism Johnson Ltd. Satna (M.P.)

Ankita Singh Parihar

MENTIONED IN THE TABLE

AMBIENT NOISE MONITORING REPORT

MONTH - APRIL YEAR - 2023

1. Name and address of Factory

: PRISM JOHNSON LTD. PRISM CEMENT LIMESTONE MINES Village - Mankahari, Hinauti-Sijahata Post - Bathia Dist. - Satna (M.P) - 485111

2. Name of person prepared the report

: Shubham Lakhera

3. Details of noise monitoring

S. No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	11.04.2023	59.25	54.02
2	Near Western side ML boundary (Pillar No. 14) of ML area	14.04.2023	57.05	52.57
3	Mankahari Village	17.04.2023	52.97	48.12
4	Hinauti village	20.04.2023	55.72	50.7

1

Sumitabh Dwivedi Sr. Manager – Environment

Manoj Kumar Kashyap Asst. Vice President

AMBIENT NOISE MONITORING REPORT

MONTH - MAY YEAR - 2023

1. Name and address of Factory

: PRISM JOHNSON LTD. PRISM CEMENT LIMESTONE MINES Village - Mankahari, Hinauti-Sijahata Post - Bathia Dist. - Satna (M.P) - 485111

2. Name of person prepared the report

: Ankita Singh Parihar

3. Details of noise monitoring

S. No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	04.05.2023	57.00	51.07
2	Near Western side ML boundary (Pillar No. 14) of ML area	11.05.2023	55.85	49.42
3	Mankahari Village	15.05.2023	53.57	47.85
4	Hinauti village	19.05.2023	54.72	49.02

÷

Sumitabh Dwivedi Sr. Manager – Environment

Manoj Kumar Kashyap Asst. Vice President

AMBIENT NOISE MONITORING REPORT

MONTH - JUNE YEAR - 2023

1. Name and address of Factory

: PRISM JOHNSON LTD. PRISM CEMENT LIMESTONE MINES Village - Mankahari, Hinauti-Sijahata Post - Bathia Dist. - Satna (M.P) - 485111

2. Name of person prepared the report

: Ankita Singh Parihar

3. Details of noise monitoring

S. No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	03.06.2023	61.62	55.45
2	Near Western side ML boundary (Pillar No. 14) of ML area	08.06.2023	59.65	54.65
3	Mankahari Village	14.06.2023	54.95	51.67
4	Hinauti village	21.06.2023	56.5	51.25

:

Sumitabh Dwivedi Sr. Manager – Environment

Manoj Kumar Kashyap

Asst. Vice President

AMBIENT NOISE MONITORING REPORT

MONTH - JULY YEAR - 2023

1. Name and address of Factory

: **PRISM JOHNSON LTD. PRISM CEMENT LIMESTONE MINES** Village - Mankahari, Hinauti-Sijahata Post - Bathia Dist. - Satna (M.P) - 485111

2. Name of person prepared the report

: Ankita Singh Parihar

÷

3. Details of noise monitoring

S. No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	05.07.2023	55.9	50.67
2	Near Western side ML boundary (Pillar No. 14) of ML area	10.07.2023	54.00	49.17
3	Mankahari Village	12.07.2023	52.1	47.25
4	Hinauti village	18.07.2023	53.82	48.37

Sumitabh Dwivedi Sr. Manager – Environment

Manoj Kumar Kashyap

Manoj Kumar Kasnya Asst. Vice President

AMBIENT NOISE MONITORING REPORT

MONTH - AUGUST YEAR - 2023

1. Name and address of Factory

: **PRISM JOHNSON LTD. PRISM CEMENT LIMESTONE MINES** Village - Mankahari, Hinauti-Sijahata Post - Bathia Dist. - Satna (M.P) - 485111

2. Name of person prepared the report

: Ankita Singh Parihar

3. Details of noise monitoring

S. No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	20.08.2023	56.02	50.37
2	Near Western side ML boundary (Pillar No. 14) of ML area	20.08.2023	53.72	48.82
3	Mankahari Village	20.08.2023	50.7	46.97
4	Hinauti village	20.08.2023	51.9	48.75

:

Sumitabh Dwivedi

Sumitabh Øwivedi Sr. Manager – Environment

Manoj Kumar Kashyap Asst. Vice President

AMBIENT NOISE MONITORING REPORT

MONTH - SEPTEMBER YEAR - 2023

1. Name and address of Factory

: PRISM JOHNSON LTD. PRISM CEMENT LIMESTONE MINES Village - Mankahari, Hinauti-Sijahata Post - Bathia Dist. - Satna (M.P) - 485111

2. Name of person prepared the report

: Ankita Singh Parihar

3. Details of noise monitoring

S. No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	23.09.2023	55.17	49.32
2	Near Western side ML boundary (Pillar No. 14) of ML area	23.09.2023	51.92	48.22
3	Mankahari Village	23.09.2023	50.42	45.62
4	Hinauti village	23.09.2023	51.85	48.12

:

Sumitabh Dwivedi

Sumitabli Dwivedi Sr. Manager – Environment

- Manoj Kumar Kashyap Asst. Vice President

S.No	Material	Qty.	Per Qty in Rs.	Total Amount		
1	Dust Mask	180	15.23	2741.4		
2	Google Safety Glass PVC.	60	50.83	3049.8		
3	Hand Gloves	160	34.2	5472		
4	Helmet Industrial Safety	65	115	7475		
5	Jacket fluorescent High Visibility Wear	190	127	24130		
6	Plug Ear muff	280	8	2240		
7	Safety Shoes	330	1018	335940		
OTAL		1265		381048.2		

No.J-11015/8/2000-IA, II (M) Government of India Ministry of Environment & Forests

Tclc No. 436 4968 Paryavaran Bhawan, C.G.O. Complex, Lodi Road, New Delhi - 110 003

Dated February 14, 2001

Shri U.K.Das Joint General Manager (Mines), Prism Cement Ltd., Rajdeep, Rewa Road, Satna, Madhya Pradesh-485 001

Subject:

To

WERE THE LEVEL OF PROPERTY I

Additional limestone deposit at village Mankhari, 'Tehsil Rampur Dhagelan, District Satna (M.P.) of M/s Prism Cement Ltd.- Environmental clearance reg.

Sir.

This has reference to Department of Mines, Government of Madhya Pradesh letter No. D-3932/2019/99/12/2 dated 24.09.1999 and your letter No. MIN0107/990668 dated 18.11.1999 and subsequent communications dated the 07.04.2000, 12.06.2000, 20.07.2000, 27.09.2000, 18.10.2000, and 01.01.2001 on the subject mentioned above. The Ministry of Environment and Forests has examined the application. It has been noted that the total applied mining lease area is 66,434 ha. Mining would be carried out in 36.434 ha. No forest land is involved. Targeted production capacity of the mine is 0.3 million tonnes/annum. There are only four land oustees in Mankahari village. Approvals from the M. P. Pollution Control Board and IBM have been obtained. Public hearing was held on 11.10.1999. The proponent has agreed to comply with the recommendations made by the Public Hearing panel.

2. The Ministry of Environment and Forests hereby accords environmental clearance to the additional lime-stone deposit of M/s Prism Cement Ltd. for 0.3 million tonnes/annum production capacity by open cast mechanised method, involving lease area of 66.434 ha under the provisions of the Environmental Impact Assessment Notification, 1994 as amended on 04.05.1994 and 10.04.1994 subject to the compliance of the terms and conditions mentioned below:

> ग्राम पंचायत मनकहरी ज.च. सम्प्र वाघेलान विका संतना (म.प्र.)