

KJS/EMD/EC/2017/488

Date: 11.01.2018

To,

The Regional Director,
Regional Officer
Ministry of Environment, forest & Climate Change
Kendriya Paryavaran Bhawan.Link Road no.3
E-5 Ravishanker Nagar
Bhopal, (M.P.)

Sub: Submission of Environmental Clearance Compliance status Report for Bhatia Lime Stone Mine (10.431Hec).

Ref: Environmental Clearance Letter No. 1285/SEIAA/12, Dated: 08th October 2012.

Sir,

We are hereby submitting the Environment Compliance status Report for the period July 2017 to December 2017 Bhatia Lime Stone Mine (10.431Hec)

Thanking you, Your's faithfully

For KJS Cement Ltd,

K.P Nigam AVP (Mines)

Encl: Environmental Compliance status Report with all annexure.

KJS Cement Limited Works - NH-7, Vill-Amilia Lakhwar,

Works - NH-7, Vill-Amilia Lakhwar, Tehsil-Maihar, Distr-Satna (MP) 485771
Tel:-07674-292010, 292025, 292009,292020
Fax: 07674-292024
info@kjscement.com



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Copy To:

1 - Zonal Officer Central PollutationControl Board, 3rd Floors, Shakhar Bhawan, North TT Nagar, Bhopal-(M.P)

2 – Member Secretary SEIAA EPCO Building Paryavaran Parisar, E-5 Area Colony Bhopal (M.P)

3- Member Secretary M.P.Pollution Control Board Paryavaran Parisar, E-5 Area Colony Bhopal (M.P)

Half Yearly EC Compliance Status Report for the Period of July2017 – December 2017

KJS Cement Limited

Bhatia Lime Stone Mine (10.431Hec)
Village- Bhatia, Tehsil-Maihar
Satna (M.P)



Village- Bhatia, Tehsil-Maihar, Dist- Satna (M.P) Phone- (07674) 233947

Jan, 2018

BHATIA LIME STONE MINE(10.431 Hec) Village Bhatia, Maihar (M.P)

ENVIRONMENTAL CLEARANCE HALF YEARLY COMPLIANCE REPORT FOR THE PERIOD OF JULY- 2017 TO DECEMBER- 2017

Compliance report for period July 2017 to December 2017 of the condition stipulated in the environmental Clearance granted by SEIAA, MP, MoEF vide letter F.No. 1258/SEIAA/12 Dated 08/10/2012.

Specific Conditions:

Sr. No.	Specific Condition	Compliance
1	Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization and scope of working shall again require prior environmental clearance as per EIA notification, 2006.	Agreed.
2	All activities/ mitigative measures proposed by PP in Environment Impact Assessment and approved by SEAC must be ensured.	All mitigative measures proposed in EIA are being implemented.
3	All activities/ mitigative measures proposed by PP in Environment Management Plan and approved by SEAC must be ensured.	All mitigative measures proposed in EMP are being implemented.
4	All Parameters listed in Environmental Monitoring Plan approved by SEAC must be ensured.	Is being complied.
5	Blast vibrations study shall be conducted and submitted to the Regional Office, MoEF, Gol, Bhopal and MP PCB within six months. The study shall also provide measures for prevention of blasting associated impact on nearby houses and agricultural fields.	Is being complied.

6	Controlled blasting techniques with sequential drilling shall be adopted. The blasting shall be carried out in the day time only.	Control blasting techniques based upon delay detonating & NONEL method is being adopted and blasting is carried out in day time only.
7	Slope of mining bench and ultimate pit limit shall be as per mining scheme approved by Indian Bureau of Mines.	Slope of mining bench & ultimate pit limit are being followed as per approved mining schame.
8	A final mine closure Plan, along with details of Corpus Fund, shall be submitted to the Regional Office, MoEF, Gol, Bhopal and MP PCB within 5 years in advance of final mine closure for approval.	Is being complied.
9	No change in the calendar plan including excavation, quantum of mineral and waste shall be made.	Agreed.
10	Mining will be carried out as per the approved mining plan. In case of any violation of mining plan, the Environmental Clearance given by SEIAA will stand cancelled	We are having an approved mining plan & mining is being done as per approved mining plan.
11	Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.	Buffer zone of 7.5 m. is being maintained between two conceptive mineral bearing deposits.
12	Buffer zone of 7.5 m. will be maintained between two conseentive mineral bearing deposits.	Is being complied.
13	Maintenance of nearby local roads through which transportation of minerals are undertaken shall be carried by the company regularly at its own expenses. The roads shall be black topped.	Local roads are being properly maintained.
14	Measures for prevention and control of soil erosion and management of silt shall be	Proper dump sloping is being done and protective bunds are being made to control soil erosion slope stability

	undertaken. Protection of dumps	initiative such as plantation job is being
	against erosion shall be carried out	carried out simultaneously Dense and
	with geo textile matting or other	deep rooted type plantation will be done.
	suitable material, and thick	
	plantation of native trees and	
	shrubs shall be carried out at the	
	dump slopes. Dumps shall be	
4.5	protected by retaining walls.	
15	Trenches / garland drains shall be	Trenches/garland drains has been
	constructed at foot of dumps and	constructed, check dams are also
	coco filters installed at regular	constructed to arrest the silt.
	intervals to arrest silt from being	
	carried to water bodies. Adequate	
	number of check dams and gully	
	plugs shall be constructed across	
	seasonal. Perennial Nallahs, if any,	
	flowing through the ML area and	
	silts arrested. De- silting at regular	
	intervals shall be carried out.	
1.0	Th	
16	The project proponent will ensure	Strong earthen bunds are made &boulders
	necessary protection measures	are deposited around the mine pit to
	around the mine pit, waste dumps and garland drain.	prevent any unauthorized entry also
	and gariand drain.	safety display Board has been fixed in mine premises.
17	Top soil / solid waste shall be	Is being complied.
-	stacked properly with proper slope	9 aabam.
	and adequate safeguards and shall	
	be utilized for backfilling	
	(wherever applicable) for	
	reclamation and rehabilitation of	,
	mined out area. Top soil shall be	
	separately stacked for utilization	
	later for reclamation and shall not	
	be stacked along with over burden.	
18	Over burden (OB) shall be stacked	Is being complied.
	at earmarked dump site (S) only	
	and shall not be kept active for long	
	period. The maximum 10 m and	
	overall slope of the dump shall not	
	exceed 35°. The OB dump shall be	
	backfilled and shall be scientifically	
	native species to prevent erosion	
	&surface run off. Vegetated with	
	suitable. native species to prevent	
	Toursantor manife abouton to bickettr	

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	erosion &surface run off.	
19	Minimum 1000 plants shall be planted in one year and 5000 plants shall be planted in first five years.	Is being complied.
20	Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Regional Office, MoEF, Gol, Bhopal and MP PCB on six monthly basis.	Monitoring & management of rehabilitated area is continuing & half yearly report is being submitted to the Board regularly.
21	By the end of the lease period 33% of the area should be brought under plantation.	Is being complied.
22	Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Deptt. Herbs &shrubs shall also form a part of afforestation programme besides tree plantation. The company shall involve local people for plantation programme. Details of year wise afforestation programme including rehabilitation of mined out area shall be submitted to the Regional Office, MoEF, Gol, Bhopal and MP PCB every year.	We are having a experienced and educated horticulturist along with efficient team & green belt development is being carried out considering CPCB guidelines and consultation is being done with local DFO/Agricultural deptt also. Native plant species are being planted.
23	Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust	Vehicular emission is being maintained regularly and scheduled maintenance of vehicle used for transportation has been carried out at HEME auto workshop.

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particles / fine matters escape	
during the course of	
transportation. No overloading of	
minerals for transportation shall be	
committed. The trucks	
transporting minerals shall not	
pass through wild life sanctuary, if	
any in the study area.	
24 Four ambient air quality- AAQM For RSPM, SF	M, So ₂ , No _x at core
monitoring stations shall be zone as well in Buffer	r zone at four location
established in the core zone as well as per the prescribed	l guidelines are being
	encies as decided by
SPM, SO2, NOx monitoring. the MPPCB, Bhopal.	onered at accraca by
Location of the stations should be	
decided based on the	
meteorological data, topographical	
features and environmentally and	
ecologically sensitive targets and	
frequency of monitoring should be undertaken in consultation with	
	•
the State Pollution Control Board.	
The monitored data for criteria	
pollutants shall be regularly up-	
loaded and displayed on the	
company's website.	
Data on ambient air quality (RPM, Complied.	
SPM, SO ₂ , NO _x) should be regularly Annexure- I,II,III,IV	
submitted to the Regional office,	
MoEF, Gol, Bhopal and the State	
Pollution Control Board / Central	
Pollution Control Board once in six months.	
	Lagragativa magazi
1 5	
·	o meet the norms
The state of the s	
prescribed in MoEF notification no. GSR/826(E) dtd. 16.1	1.2009.
GSR/826(E) dtd. 16.11.09	
7 Fugitive dust emissions from all the Water spraying arr	
sources shall be controlled. Water provided at all sour	
	s. Regular monitoring
roads, loading and unloading and at is being done as pe	er prescribed norms.
transfer points shall be provided Records are being su	bmitted to concerned
and properly maintained. The dust office.	
and property and the date of the control	

regularly as per norms and records to be submitted to the Regional Office, MoEF, GOI, Bhopal and MP PCB regularly.	,
Measures shall be taken for control of noise levels below 75 dBA in the work Environment. Workers engaged in operations of HEMM, etc., shall be provided with ear plugs I muff and health records of the workers shall be maintained.	Is being complied.
Rain water harvesting shall be undertaken to recharge the ground water source. Status of implementation shall be submitted to the Regional Office, MoEF, Gol, Bhopal and MP PCB within six months and thereafter every year from the next consequent year.	Is being complied.
Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new biezometers during the mining operation. The monitoring shall be carried out four times in a year i.e. pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected shall be regularly sent to Regional Office, MoEF, Gol, Bhopal, MP PCB, Central Ground Water Authority and Regional Director, Central Ground Water Board.	Regular Ground water and surface water for level and quality of existing & proposed bore and reservoir and other defined water body is being carried out as per the prescribed schedule and report are being submitted to RO, MoEF, Gol, CGWA and Regional Director CGWB etc.
The waste water from the mine if any, shall be treated to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as	There is no waste water from mining activity.
	office, MoEF, GOI, Bhopal and MP PCB regularly. Measures shall be taken for control of noise levels below 75 dBA in the work Environment. Workers engaged in operations of HEMM, etc., shall be provided with ear plugs I muff and health records of the workers shall be maintained. Rain water harvesting shall be undertaken to recharge the ground water source. Status of implementation shall be submitted to the Regional Office, MoEF, Gol, Bhopal and MP PCB within six months and thereafter every year from the next consequent year. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new biezometers during the mining operation. The monitoring shall be carried out four times in a year i.e. pre-monsoon (Apgust), post-monsoon (November) and winter (January) and the data thus collected shall be regularly sent to Regional Office, MoEF, Gol, Bhopal, MP PCB, Central Ground Water Authority and Regional Director, Central Ground Water Board. The waste water from the mine if any, shall be treated to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993

	and grease trap shall be installed	
	for the effluents generated from the	
	workshop, if any, before	
	discharging into the natural	
	stream. The Discharged water from	
	the tailing dam, if any shall be	
	regularly monitored and report	
	submitted to the Regional Office,	
	Ministry of Environment &Forests,	
	Gol, Bhopal, Central Pollution	
	Control Board, and the State	
	· ·	
	Pollution Control Board.	
32	Hydro-geological study of the area	Is being complied.
	shall be reviewed by the project	
	proponent annually. In case	
	adverse effect on ground water	
	quality and quantity is observed	
-	mining shall be stopped and	
	resumed only after mitigating steps	
Ì	to contain any adverse impact on	
	ground water is implemented.	
33	Occupational health check up for	Is being complied.
	the workers including	
	identification of work related	
	health hazards, training on malaria	
	eradication, HIV, and health effects	
	on exposure to mineral dust etc.	
	shall be carried out. Periodic	
	monitoring for exposure to	
	reparable mineral dust on the	
	-	
	workers shad, be conducted and	
	records maintained including	
=	health records of the workers.	
	Awareness programme for workers	
	on impact of mining on their health	
	and precautionary measures like	
	use of personal equipments etc.	
	shall be carried out periodically.	
	Review of impact of various health	
	measures shall be conducted	
	followed by follow up action	
	wherever required. It should be	
	made available for inspection	
	whenever asked. Necessary funds	
	for this also should be earmarked	
1	Tot and also situate be califiated	

34	Project Proponent shall ensure appropriate arrangement for shelter and drinking water for the mine workers.	Is being complied.
35	Persons working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.	PEP have been provided to all worker and safety & health trainings are being given to regularly.
36	Commitments towards CSR have to be followed strictly.	Is being complied.
37	Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.	Is being complied.
38	The necessary funds as per mandate shall kept for environmental protective measures which should be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Regional Office, MoEF, Gol, Bhopal and MP PCB.	Is being complied.
39	The necessary funds as per mandate shall kept for environmental protective measures which should be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Regional Office, MoEF, GOI, Bhopal and MP PCB.	1
40	The Regional Office, MoEF, GOl, Bhopal and MP PCB shall monitor compliance of the stipulated conditions. A complete set of documents including Environment	Complied

	Impact Assessment Report,	
	Environmental Management Plan, Public hearing and other relevant documents should be given to Regional Office, MoEF, Gol, Bhopal and MP PCB.	
41	A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat and Municipal Bodies, as applicable, in addition to the relevant officers of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied
42	The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the State Level Environment Impact Assessment Authority (SEIAA) website at www.mpseiaa.nic.in and a copy of the same shall be forwarded to the Regional Office, MoEF, Gol, Bhopal.	Complied
43	The project proponent has to strictly follow directions/guideline issued by the MoEF, Gol, CPCB and other Govt. agencies from time to time.	Is being complied.
44	Action plan with respect to suggestion /improvement and recommendations made and	Is being submitted.

	agreed during public hearing consultation shall be submitted to the Regional Office, MoEF, Gol, Bhopal, MP PCB and to the competent authority of the State Govt. within six months.	
45	The Project Proponent has to submit half yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the Regulatory Authority on 1st June and 15t December of each calendar year.	We are regularly submitted the half yearly compliance reports.
46	The SEIAA of M.P. reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	We agree.
47	These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act,1974, the Air (Prevention and control of Pollution) Act1981, the Environment (Protection) Act,1986, the Public Liability (Insurance) Act,1991 and EIA Notification, 2006.	Is being complied.
48	The Ministry or any other competent authority may alter/modify the conditions or stipulate any further condition in the interest of environment	We agree.

	protection.	
49	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed.
50	Any appeal against this prior environmental clearance shall lie with the Green Tribunal, if necessary, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Agreed.
51	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Statutory clearances have been taken from concerned departments.
52	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company	Is being complied.

	in the public domain.	
53	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the Regional Office of MoEF.	Please refer to our letter No KJS/EMD//2017/454 dated-12.09.2017 statement reports for the Financial year ending 31 st March 2017.

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Environment Management Department

Village-Bhatia Lime Stone Mine (10.431 Hec)





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											Core Zone	zone.									-	Permisible	sible
Cr. No.	Name of		In Mine periferry (N)	perife	rry (N)			In Mine periferry (S	perifer	rry (S)		T	In Mine periferry (E)	perifer	ry (E)		П	In Mine periferry (W)	oerifera	ry (W)		Limit	it
•	month	PM-2.5	PM-10	SOx	NOx	8	PM-2.5	PM-10	so _x	NO _x	00	PM-2.5	PM-10	so,	NOx	00	PM-2.5	PM-10	so,	NOx	8	PM 2.5	PM 10
		µg/m³	ng/m³	µg/m³	µg/m³	ndd	ng/m³	µg/m³	µg/m³	µg/m³	mdd	µg/m³	µg/m³	hg/m³	ng/m³	mdd	ug/m³	µg/m³	ug/m³	ng/m³	mdd	ug/m³	ue/m³
	Jul-17	33.27	33.27 46.74	8.1	12.1	139	36.82	48.85	8	12.1	122	34.82	46.67	7.5	11.35	111	34.24	45.14	7.75	11.8	109	40	09
2	Aug-17	25.85	30.25	7.6	11.7	125	32.22	35.23	7.75	11.8	130	29.25	31.26	7.7	11.7	119	28.82	35.32	8.05	12.05	127		
33	Sep-17	27.32	30.74	7.75	11.75	121	36.32	42.32	8.2	12.2	145	32.64	37.82	6.2	11.9	124	25.82	29.82	7.45	11.45	114		
4	Oct-17	27.33	27.33 34.64	7.4	11.4	116	34.42	42.85	8.1	12.1	112	32.74	40.85	7.8	12	109	30.85	37.74	7.4	11,35	110		
Z.	Nov-17	32.25	43.66	7.8	11.8	119	38.22	48.66	8.05	12.1	121	32,24	45.65	7.75	11.65	122	26.25	34.42	7.65	11.35	111	-	
9	Dec-17	31.4	33.67	7.3	11.3	113	34.66	46.32	8.3	12.3	135	33.44	42.68	8.1	12.1	114	31.44	38.32	2.6	12.1	115		•
Min	Minimum	25.85	30.25	7.3	11.3	113	32.22	35.23	7.75	11.8	112	29.25	31.26	7.5	11.35	109	25.82	29.82	7.4	11,35	109		
Мах	Maximum	33.27	46.74	8.1	12.1	139	38.22	48.85	8.3	12.3	145	34.82	46.67	8.1	12.1	124	34.24	45.14	8.05	12.1	127		
ΑV	Average	29.56	38.5	7.7	11.7	126	35.22	42.04	8.025	12	128.5	32.04	38.96	7.8	11.73	117	30.03	37.48	7.725	11.73	118		
											Buffer Zone	Zone										Permisible	sible
Cr. Mo	Name of		Villa	Village Barhiya	hiya			Vil	Village Jha	11			Villa	Village Silimili	ıilli			Villag	Village Karsara	ara	[Limit	it
<u>.</u>	month	PM-2.5	PM-2.5 PM-10	sox	NOx	8	PM-2.5	PM-10	so _x	NOx	CO 3	PM-2.5	PM-10	×os	NOx	ဥ	PM-2.5	PM-10	so _x	NOx	8	PM 2.5	PM 10
		µg/m³	µg/m³ µg/m³	μg/m³	µg/m³	ppm	ug/m³	ug/m³	ng/m³	µg/m ³	ppm	µg/m³	µg/m³	ng/m³	µg/m³	mdd	ppm µg/m³	ug/m ³	ug/m³	ug/m³	undd	ng/m³	ue/m³
	Jul-17	25.81	31.36	6.9	10.3	106		34.17	7.4	11.5	106	33.74	36.74	1.8	12.05	123	26.82			11.2	119		09
2	Aug-17	25.82	25.82 32.82 7.95	7.95	11.65	134		31.17	7.55	11.6	124	24.85	31.14	29.7	11.65	119	30.82	33.24	7.7	11.7	122		
3	Sep-17	21.22	21.22 28.24	7.55	11.55	120	26.32	30.72	8.1	12.2	123	25.82	26.82	7.75	11.75	119	30.72	36.32	8.35	12.35	135		
4	Oct-17	22.34	22.34 31.35	7.4	11.6	115	29.73	37.84	7.9	11.9	139	24.85	41.24	7.6	11.65	127	26.32	33.39	7.8	11.8	125		
T							7				ľ			t	t		4						

11.8 125 11.4 105

8.1

27.74 35.15

27.22 36.95 8.1

26.24 35.47 7.45 11.45 115

Nov-17 Dec-17 Minimum Maximum Average

11.2 | 105 8.35 12.35 135

7.4

31.79 41.32

12.4 127

8.3

33.74 41.24

139

12.3

 23.24
 31.24
 7.25
 11.25
 108
 29.52
 39.34
 8.3

 21.22
 28.24
 6.9
 10.3
 106
 25.32
 30.72
 7.4

 26.24
 35.47
 7.95
 11.65
 134
 29.73
 39.34
 8.3

23.73 31.85 7.425 10.98 120 27.52 35.03 7.85 11.9 122.5 29.29 34.03 7.95 12.03 12.3

 8.3
 12.4
 121
 31.79
 41.32

 7.6
 11.65
 119
 25.62
 30.79
 12.1 121 25.62 37.82

 12.3
 135
 29.72
 37.16

 11.5
 106
 24.85
 26.82

12.3

7.4 7.8

28.7 | 36.05 | 7.875 | 11.78 | 120



Environment Management Department KJS CEMENT LIMITED Village-Amilia, Tehasil-Maihar Distt. - Satna, (M.P.) Half yearly Noise Monitoring Report Bhatia Lime Stone Mine 10.431 he.



	July 2017 to December - 2017								
Month of		In Mine	In Mine	In Mine	In Mine				
Monitoring	Day/Night	Periphery (N)	Periphery (W)	Periphery (E)	Periphery (S)				
		db[A]	db[A]	db[A]	db[A]				
July	Day	58.3	65.2	63.1	61.2				
	Night	53.1	60.1	58.1	53.2				
August	Day	59.6	65.1	62.1	60.1				
	Night	54.1	58.2	56.2	54.3				
September	Day	54.3	61.3	60.1	59.1				
:	Night	· 50.1	56.2	55.1	54.2				
October	Day	55.6	65.2	63.1	60.2				
	Night	51.2	58.9	57.3	56.8				
November	Day	60.1	65.2	63.2	61.1				
	Night	55.2	58.3	56.3	55.4				
December	Day	56.1	63.2	58.2	54.3				
,	Night	51.2	57.3	54.2	53.1				
Average	Day	62.08	59.0	61.5	59.8				
	Night	64.68	54.35	56.3	56. O 3				

Prepared by:

Analyzed by:

Environment Management Department KJS CEMENT LIMITED Village - Amilia Tehsil - Maihan

Village - Amilia, Tehsil - Maihar Dist - Satna (M.P.)



HALF YEARLY STP TREATED WASTE WATER QUALITY REPORT (Period July - 2017 to Dec - 2017)

Name of month	PH (mg/l)	Suspended solid (mg/l)	BOD (mg/l)	COD (mg/l)	Oil & Grease
July	7.55	8.4	6.6	41.76	2.6
August	7.50	7.4	6.4	39.44	2.4
September	7.53	6.0	3.5	29.0	2.0
October	7.59	6.6	7.4	41.76	2.6
November	7.53	6.5	6.75	40.6	2.5
December	7.56	6.4	6.4	43.5	2.0
Minimum	7.5	6	3.5	29	2
Maximum	7.59	8.4	7.4	43.5	2.6
Average	7.55	7.2	5.5	36.3	2.3

Prepared by:

Analyzed by:

केजेएस के सीएसआर संबंधी कार्य

- 1. केजेएस संस्थान ने मैहर स्थित मां शारदा मंदिर की ड्योढ़ी की स्थापना हेतु शारदा मंदिर प्रबंधक कमेटी को 5 लाख रुपये की सहायता की है, जिससे मंदिर की ड्योढ़ी और परिक्रमा मार्ग निर्माणाधीन है।
- 2. संस्थान की ओर से मां शारदा मंदिर पहाड़ी पर 25 लाख रुपये की लागत से वायु प्रदूषण मानीटरिंग ऑनलाइन इलेक्ट²ानिक स्टेशन की स्थापना की है, जिससे न केवल हमें बल्कि केन्द्रीय व राज्य स्तर के प्रदूषण नियंत्रण बोर्ड को भी इस क्षेत्र के प्रदूषण—स्तर की जानकारी लगातार उपलब्ध होती रहती है।
- 3. संस्थान ने कारखाने के स्थापना स्थल तथा उसके समीप स्थित कुल 10 ग्रामों— अमिलिया खुर्द, गिरगिटा, बेल्दरा, लखवार, परसोखा, पहाड़ी, पिपराकला, बंशीपुर, उमरी पैला, एवं तिघराकला को गोद लिया हुआ है और यहां आंगनवाड़ियों में सहायता से लेकर सामाजिक व जन सहयोग के अनेक कार्य संचालित हैं।
- 4. संस्थान ने जिला अस्पताल सतना में 10 लाख रुपये की सहायता से डायलिसिस सेण्टर शुरू कराया है एवं वहां स्थित सेवा संकल्प प्रकल्प को एक एम्बुलेन्स (मारुति वेन) प्रदान की है। स्वास्थ्य—सहायता की इस मद में संस्थान ने कारखाने के समीप स्थित ग्रामों में स्वास्थ्य शिविरों का लगातार आयोजन किया है। इन शिविरों में मैहर सिविल अस्पताल से विशेषज्ञ चिकित्सक को आमंत्रित करते हैं एवं ग्रामीणों को मुफ्त चिकित्सा, जरूरी दवाओं का वितरण व दोपहर का भोजन दिया जाता है। प्रति शिविर का खर्च लगभग दो लाख रुपये होता है और पिछले दो साल से संस्थान की ओर से ऐसे 15 शिविर लगाए जा चुके हैं।
- 5. क्षेत्रीय जनता की मांग पर संस्थान ने इस वर्ष से पशु चिकित्सा शिविर भी लगाना आरंभ किया है और अब तक 8 पशु चिकित्सा शिविर लगाए जा चुके हैं। इन शिविरों में विकासखंड मैहर के पशु चिकित्सा विस्तार अधिकारी और उनका सहायक दल उपस्थित रहता है, शिविरों में पशुओं की बीमारी से संबंधित दवाएं मुफ्त वितरित की जाती हैं। प्रति शिविर का व्यय लगभग 1.25 लाख रुपये होता है।
- 6. केजेएस संस्थान के पास एक फायर टेन्डर तथा एक एम्बुलेन्स है जो हमेशा आसपास के ग्रामों की सेवा के लिए समर्पित है। जब भी किसी गांव या गांव के किसी व्यक्ति को फायर टेण्डर की आवश्यकता होती है, तो इसे तुरंत मुफ्त सेवा के तहत प्रदान किया जाता है।एम्बुलेन्स भी ग्रामीणों की मदद में रहती है। कई बार प्रशासनिक अधिकारियों के आदेश पर इसे परिवार नियोजन शिविरों व अन्य स्वाख्य शिविरों में मुफ्त लगाया जाता है।

7. संस्थान ने मैहर स्टेडियम के लिए तीन लाख रुपये की सहायता राशि, रामवन तीर्थ के लिए 5 लाख रुपये एवं उत्तराखंड आपदा हेतु 5 लाख 58 हजार रुपये पिछले दिनों सहायता में दिए हैं। मैहर में प्रतिवर्ष दो बार लगने वाले नवरात्रि मेले में संस्थान की ओर से लगातार नौ दिन सेवा पंडाल लगाया जाता है।

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- 8. विगत जुलाई 2013 से तत्कालीन सतना कलेक्टर ने जिला कुपोषण के निवारण के लिए ठोस पहल की और पोषण पुनर्वास केन्द्र सतना में एक पोषण बैंक शुरू किया था, इसमें गेंहू, चावल, दाल व नमक की एक किट मरीज को प्रदान की जाती है। केजेएस संस्थान का यह सौभाग्य है कि इस पोषण बैंक की शुरुआत उसके द्वारा की गई सहायता से हुई और संस्थान इस मद में पाँच—पाँच लाख रुपये के खाद्यान की दो बार मदद कर चुका है और आगे भी हर संभव सहायता के लिए कटिबद्ध है।
- 9. इस गर्मी के मौसम में कंपनी परिसर के निकटतम ग्राम अमिलिया, लखवार, गिरगिटा में दो—दो टैंकर पानी की सप्लाई दिनांक 15—03—2016 से प्रतिदिन की जा रही है साथ ही साथ ग्राम पिपरहट में भी दिनांक 01—04—2016 से दो टैंकर पानी की आपूर्ति कंपनी के द्वारा प्रतिदिन की जा रही है।
- 10 दिनांक 04—05—2016 को कंपनी द्वारा ग्राम अमिलिया खुर्द में मेडिकल कैंप का आयोजन किया गया, जिसमें मैहर के वरिष्ठ चिकित्सक डा. व्ही.के. गौतम के निर्देशन में शिविर में आये 150 से 200 ग्रामवासियों का मेडिकल परिक्षण कर उचित चिकित्सकीय परामर्श के साथ मुफ्त दवाई एवं फलो का वितरण किया गया!
- 11 हमारे संस्थान द्वारा शासन द्वारा निर्देशित ग्राम लखनपुर में टमस नदी गहरीगरण का कार्य भी कराया जा रहा है जिसमें कुल खर्च रुपया तीन लाख अनुमानित है।

केजेएस सीमेन्ट संस्थान द्वारा किए गए सोषल रिस्पांसविल्टी के कार्य पर व्यय (एक नजर में)

1. शारदा देवी मंदिर में ड्योढ़ी व परि	कमा निर्माण
2. शारदा देवी मंदिर पहाड़ी पर वायुप्र	रूषण मानिटरिंग सेंटर 25 लाख रुपये
3. सतना जिला अस्पताल में डायलिसि	स सेंटर हेतु 10 लाख रुपये
4. सेवा प्रकल्प सतना हेतु एम्बुलेन्स	04 लाख रुपये
5. रामवन विकास हेतु सहायता	05 लाख रुपये
6. चित्रकूट में कामदगिरि परिक्रमा मार्ग	के विकास में सहायता 10 लाख रुपये
7. उत्तराखंड आपदा हेतु सहायता	. 05 लाख 58 हजार रुपये
8. ग्रामीण क्षेत्रों में स्वास्थ्य शिविर	30 लाख रुपये
9. ग्रामीण क्षेत्रों में पशु चिकित्सा शिविः	10 लाख रुपये
10. मैहर नवरात्रि मेले में सेवा पंडाल	05 लाख रुपये
11. दस आगनवाड़ियों में आलमारी, फर्श	वा खाद्यान 10 लाख रुपये
12. सतना पोषण पुनर्वास केन्द्र में खादा	न सहायता 15 लाख रुपये
13. सिविल अस्पताल मेहर में ''डेण्टल र	वियर" की सहायता 02 लाख रुपये
14. रोगी कल्याण समिति मेहर को आधि	क सहायता ०१ लाख रुपये
कुल योग	1 करोड़ 47 लाख रुपये

केजेएस सीमेन्ट संस्थान द्वारा भविष्य में कार्यान्वित की जाने वाली योजनायें (एक नजर में)

1.	ग्रामीण क्षेत्रों में सुलभ शौचालय	05 लाख रुपये
2.	ग्रामीण महिलाओं हेतु कढ़ाई बुनाई प्रशिक्षण केन्द्र	02 लाख रुपये
3.	ग्रामीण क्षेत्रों में नाली निर्माण	10 लाख रुपये
4.	कम्प्यूटर प्रशिक्षण के लिए कम्प्यूटर लेब	05 लाख रुपये
5.	शिक्षण संस्थाओं में फर्नीचर	04 लाख 45 हजार रुपये
6.	तकनीकी कौशल के लिए पुरुष एवं महिला प्रशिष्ट	नण 63 लाख 20 हजार रुपये
7.	राष्ट्र ^व ोय राजमार्ग 07 में दो नये बस स्टाप	06 लाख रुपये
8.	नेत्र चिकित्सा शिविर	04 लाख 50 हजार रुपये
9.	बिटया गांव में कम्यूनिटी हाल व 2 हैण्ड पंप	04 लाख रुपये
10.	राष्ट्र ^व ोय राजमार्ग से ग्राम अमिलिया, गिरगिटा	
	एवं बिटया के लिय सड़क	01 करोड़ 42 लाख 15 हजार रुपये
	कुल योग	2 करोड़ 46 लाख 30 हजार रुपये