

KJS/EMD/EC/ 2017/487

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 (9.008 Hec).

Ref: Environmental Clearance Letter No. 372/EPCO-SEIAA/09, Dated: 16th December 2009.

Sir,

We are hereby submitting the Environment Compliance status Report for the period July 2017 to December 2017 Bhatia Lime Stone Mine (9.008Hec)

Thanking you,

Your's faithfully
For KJS Cement Ltd,

A. Bhattacharya
Manager (Mines)

Encl: Environmental Compliance status Report with all annexure.

KJS Cement Limited

CIN - U74899DL1983PLC015722

Registered Office :- Ground Floor, Unit No. 005, Copia Corporate Suites, Jasola, New Delhi - 110044
Works:- N.H.7, Rewa Road, Raj Nagar, Village-Amilia-Lakhwar, Tehsil- Maihar, Distt - Satna, Madhya Pradesh - 48577 1
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HUM HAIN, TOH DUM HAI

Copy To:

1 - Zonal Officer
Central Pollution Control Board,
3rd Floors, Shakhari 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)

KJS Cement Limited

Works - NH-7, Vill-Amliia Lakhwar,
Tehsil-Maihar, Dist-Sauna (MP) 485771

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

KJS Cement Limited
Bhatia Lime Stone Mine (9.008Hec)
Village- Bhatia, Tehsil-Maihar
Satna (M.P)



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

Jan , 2018

BHATIA LIME STONE MINE (9.008 HA)
VILLAGE -BHATIA ,MAIHAR
ENVIRONMENTAL CLEARANCE -HALF YEARLY COMPLIANCE REPORT FOR THE
PERIOD OF JULY 2017 To DECEMBER 2017

Compliance report for the period of July 2017 –December 2017 of the conditions stipulated in the Environment clearance granted by SEIAA, MP, MoEF vide letter F.No. 372/ EPCO - SEIAA/09 Dated 16/12/2009.

A. Specific Conditions

Sr. No.	Stipulated condition	Compliance status
1	No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.	Agreed .No of two pits are being worked simultaneously.
2	After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation works in the exhausted pit shall be completed so as to ensure that reclamation, forest cover and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore bearing area is worked for expansion.	Is being complied.
3	Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.	Is being complied.
4	Sprinkling of water on haul roads to control dust will be ensured by the project proponent.	Fusitive dust emission from all the source is being controlled. Water spraying arrangement on haul roads loading, unloading and transfer point is done.
5	Minimum 600 plants 0.4 hect. Annually will be planted in the first five years by the project proponent.	Is being complied.
6	By the end of the lease period 33% of the areas should be brought under plantation.	Plantation along mining lease and maintenance is being under progress.
7	Blast vibrations study shall be conducted and submitted to the Regional office of the Ministry within six months. The study shall also provide measures for prevention of blasting associated impact on nearby houses and agricultural fields.	Complied with, Blast vibration study report has been Submitted with previous compliance report .

8	Need based assessment for the nearby villages shall be conducted to study economic measures which can help in upliftment of poor sections of society. Company shall provide separate budget for community development activities.	Separate fund has been provided towards community development activities/ programme. We have maintained a CSR Dept for these activities. CSR Dept is looking after all the activities related to Health, promotion of sports, help to medical camps etc. we have done social activities programme related to medical camp to aganwadi center provision of school bags, providing fire tender and drinking water to nearby village .
9	Land-use pattern of the nearby villages shall be studied, including common property resources available for conservation into productive land. Action plan for abetment and compensation for damage to agricultural land common property land (if any) in the nearby villages, due to mining activity shall be submitted to the Regional office of the Ministry within six months. Annual status of implementation the plan and expenditure thereon shall be reported to the Regional Office of the Ministry.	Mining lease area does not possess any forest growth & hence there are no chances of loss due to mining activity. The core zone of the area is barren land hence change in land use pattern is not significant. Land use pattern of nearby villages have been submitted with previous compliance status report.
10	Maintenance of village roads through which transportation of minerals are undertaken shall be carried out by the company regularly at its own expenses the roads shall be black topped.	Is being Complied.
11	Rain water harvesting shall be undertaken to recharge the ground water source. Status of implementation shall be submitted to the Regional Office of the Ministry within six months and therefore every year from the next consequent year.	Old mined out pit is being utilized for rain water harvesting to recharge the ground water. A report of rain water harvesting is being submitted regularly.
12	Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.	No active dump is being kept for long period and the dump is being stabilized through grasses and shrubs. Garland drain and retaining wall have been provided wherever required and we assure you that we will carry out same as per submission and as per approved mining plan. After reclamation plantation is being done
13	Trenches/ garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt form being carried to water bodies. Adequate number of Check Dams 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.	Is being complied.

14	Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de-silted at regular intervals.	Garland drains are constructed to prevent the run-off of water through sediments. Water collected in pit is being used for mine spray & green belt development.
15	Ground and surface water (if any) in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Regional Office of the Ministry regularly. Further, monitoring points shall be located between the mine and drainage in the direction of flow of ground water shall be set up and records maintained.	Ground and surface water in & near core zone is being monitored on quarterly basis for contamination and depletion due to mining activity and records are kept. The monitoring data are being submitted to the Regional office of the ministry.
16	Cultivable waste land within 5 km radius of the lease shall be identified and developed into productive land and made available to villages. Status of implementation shall be submitted to the Regional Office of the Ministry within three months from start of production.	Is being complied.
17	Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Regional Office of the Ministry regularly.	Fugitive dust emission is being controlled by spraying water, plantation along mining lease and maintenance of haulage road. Fugitive dust emission is being monitored regularly at location of nearest human habitation and records are being submitted to the RO of the ministry regularly.
18	Baseline data for air quality shall be maintained and RSPM level in air quality in the nearby human habitation (Villages) shall also be monitored along with other parameters.	Is being complied.
19	Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of mineral/dust takes place.	Is being complied..
20	Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria	Is being complied with. Regular checkup of the employees is in practice and medical assistance has been provided. First aid facilities along

	<p>eradication, HIV, and health effects on exposure to respirable mineral dust on the workers shall 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.</p>	<p>with medical assistance including provision of ambulance in emergencies are provided. Awareness program for worker on impacts of mining on their health and precautionary measure like use of personal protective equipments etc</p>
21	<p>The project proponent will ensure following action to be taken as committed during public hearing.</p> <ul style="list-style-type: none"> • Employment to local labors, or priority basis. 	<p>Complied with, Priority to local labors is given for employment.</p>
22	<p>Top soil/solid waste shall be stacked properly with proper slope 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.</p>	<p>The top soil is being stored properly and adequate protection measures are provided for accumulated top soil and the same shall be utilized for backfilling, reclamation and rehabilitation of mined out area.</p>
23	<p>Over burden (OB) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of maximum 10 m and overall slope of the dump shall not exceed 28°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off.</p> <p>Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Regional Office of the Ministry of Environment & Forests on six monthly basis.</p>	<p>Is being complied.</p>
24	<p>Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.</p>	<p>Is being complied, as per mining scheme approved by Indian Bureau of Mines.</p>
25	<p>Adequate plantation shall be raised in the ML area, haul roads, OB dump sites etc. Green belt development shall be carried out</p>	<p>Is being complied.</p>

	<p>considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and 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 of the Ministry every year.</p>	
26	<p>Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and construction new piezometers 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 MoEF, Central Ground Water Authority and Regional Director Central Ground Water Board.</p>	<p>Is being complied with. We are regularly monitoring ground & surface water quality.</p>
27	<p>The waste water from the mine shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water from the Tailing Dam (if any) shall be regularly monitored and report submitted to the Ministry of Environment & Forests, Central Pollution Control Board and the State Pollution Control Board.</p>	<p>No waste water generated from mine.</p>
28	<p>Hydro-geological study of the area shall be reviewed annually. In case adverse effect on ground water quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on ground water is implemented.</p>	<p>Agreed. Hydro-geological study of the area shall be reviewed. In case of adverse effect on ground water quality, mining shall be stopped and resumed only after mitigation.</p>
29	<p>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 particles / fine matters escape during the course of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals</p>	<p>Is being complied with. The vehicles transporting minerals are covered with a tarpaulin or other suitable enclosures so that no dust particle / fine matters escape during the course of Transportation, No overloading of minerals for transportation is being done.</p>

	shall not pass through wild life sanctuary (if any in the study area).	
30	Prior permission from the Competent Authority shall be obtained for extraction of ground water (if any).	Is being Complied.
31	Action Plan with respect to suggestions/improvements and recommendations made during public consultation/hearing (as agreed) shall be submitted to the Regional Office of the Ministry and the State Govt. within six months.	<p>Implementations status of suggestions, improvement and recommendations made and agreed during public hearing</p> <p>No householders will be displaced or required to be rehabilitated. Mining will result in loss of mainly waste land. As the mining activity is being done since past 10 years already the socio-economic condition of the area has improved. A lot has been done by lesse in the field of environment, health, education etc. Implementation status of action plane is given below.</p> <ul style="list-style-type: none"> • Employment to the local people has been provided on priority basis as per their qualification, eligibility and skills. • Tree plantation is in under progress, • Water spraying system is provided for the spraying the water over haul road and village road to control the fugitive dust emission. <p style="text-align: center;">Annexure-IV</p>
32	A final mine closure plat, along with details of Corpus Fund, shall be submitted to the Regional office of the Ministry of Environment & Forests, 5 years in advance of final mine closure for approval.	Agreed.

B. General Conditions:-

Sr. No.	Stipulated condition	Compliance status
1	No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment & Forest.	Agreed. Noted for compliance.
2	No change in the calendar plan including excavation, quantum of mineral and waste shall be made.	Is being complied.
3	Mining will be carried out as per the approved mining plan by India Bureau of Mines.	Mining is being carried out as per approved mining plan by IBM.

4	Four ambient air quality-monitoring station shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO ₂ , NO _x monitoring. 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.	Is being complied. All monitoring reports are being sent to MOEF&CC, CPCB & SPCB office regularly. Annexure- I,II,III
5	Data on ambient air quality (RSPM, SPM, SO ₂ , and NO _x) should be regularly submitted to the Regional office of the Ministry located at Bhopal and the State Pollution Control Board/Central Pollution Control Board once in six months.	Complied with.
6	Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.	Water spraying arrangement on haul road, loading, unloading and at transfer points is provided & properly maintained to control fugitive dust emission.
7	Measures shall be taken for control of noise levels below 85 dBA in the work environment. Worker engaged in operations of HEMM, etc. shall be provided with ear plugs muffs and health record of the workers shall be maintained.	All the mines machineries are being properly maintained. Noise levels are below 85 dBA in the work environment. Ear plug muffs are provided for the worker engaged in operation of HEMM etc.
8	Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th may, 1993 and 31 st December, 1993 or as amended form time to time oil and grease trap shall be installed before discharge of workshop effluents.	There is no waste water generation from mines & workshop has not provided in the mining lease area (No oil & grease generated). Septic tank & soap pits arrangement has been provided for the domestic waste water generation.
9	Personnel 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.	Is being complied with.
10	Provision shall be made for the housing the labors within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile , toilette, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after completion of the project.	No temporary / permanent with necessary infrastructure and facilities for labors are required as labors are local and residing in nearby villagers. However some restselter and other facilities are provided in mining lease area which will be removed after completion of the project.
11	A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the	Complied with.

	Organization.	
12	The project authorities shall inform to the Regional Office of the Ministry located at Bhopal regarding data of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Is being complied.
13	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Ministry and its Regional Office located at Bhopal.	Agreed.
14	The Regional Office of the Ministry located at Bhopal shall monitor compliance of the stipulated conditions. The project authorities shall extend full cooperation to the officer (S) of the Regional office by furnishing the requisite data/information/monitoring reports.	Agreed.
15	A copy of clearance letter will be marked to concerned Panchayat/local NGO, if any from whom suggestion/ representation has been received while processing the proposal.	Complied with.
16	State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office /Tehsildar's Office for 30 days.	NA
17	The project authorities 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 of the Ministry located in Bhopal.	Complied with.
18	The Project authority has to submit half yearly compliance report of the stipulated prior environment clearance terms and conditions in hard and soft copy to the SEIAA of M.P. on 1 st June December of each calendar year.	Is being complied with. We are regularly submitting half yearly compliance report of stipulated prior environmental clearance terms and conditions.
19	The minister or any other competent authority may after / modify the above condition or stipulate any further condition in the interest of environment protection.	Agreed.
20	Concealing factual data or submission of	Agreed.

	false/fabricated data and failure to comply with any of the condition maintained above may result in withdrawal of this clearance and attract action under the provision of Environment (Protection) Act 1989.	
21	Any appeal against this environment clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under section 11 of the National Environment Appellate Authority Act 1986.	Agreed.
22	The above condition will be enforced inter-alia, under the provision of the water (prevention &Control of Pollution) Act 1974, the Air (prevention &Control of Pollution) Act 1981, the Environment (Protection) Act 1986 and the Public Liability Act 1991 along with their amendment and rules.	Agreed.

Approved - I

Environment Management Department
Village-Bhatia Lime Stone Mine (9.008 Hec)
 Distt. - Satna, (M.P.)
HALF-YEARLY AMBIENT AIR QUALITY MONITORING REPORT.



Sr. No.	Name of month	Core Zone																								Permissible Limit		
		In Mine periphery (N)						In Mine periphery (S)						In Mine periphery (E)						In Mine periphery (W)						PM 2.5	PM 10	
		PM-2.5	PM-10	SO _x	NO _x	CO	ppm	PM-2.5	PM-10	SO _x	NO _x	CO	ppm	PM-2.5	PM-10	SO _x	NO _x	CO	ppm	PM-2.5	PM-10	SO _x	NO _x	CO	ppm	µg/m ³	µg/m ³	
1	Jul-17	42.62	45.84	7.65	11.65	119	47.85	55.65	8.1	12.15	139	44.75	53.29	7.85	11.85	129	42.78	44.4	7.6	11.6	131	40	60					
2	Aug-17	39.33	43.64	7.65	11.65	119	40.43	51.32	7.95	11.95	139	40.61	45.82	7.85	11.65	124	35.47	39.32	7.55	11.55	114							
3	Sep-17	27.32	41.15	7.55	11.45	130	39.54	50.76	8.05	12.05	122	34.22	41.24	7.5	11.5	119	30.95	36.24	7.5	11.5	119							
4	Oct-17	31.07	33.95	7.7	12.3	128	36.72	56.73	8.4	12.4	124	32.95	41.02	7.65	11.65	121	35.91	37.32	8.3	12.3	129							
5	Nov-17	31.17	41.25	7.95	11.95	128	34.72	48.72	8.35	12.35	132	31.89	44.72	8.1	12.1	131	31.24	33.66	7.9	12	132							
6	Dec-17	26.72	33.46	7.35	11.4	108	34.74	46.74	8.3	12.3	124	32.68	45.82	8.2	12.2	114	29.27	37.72	7.75	11.75	114							
	Minimum	26.72	33.46	7.35	11.4	108	34.72	46.74	7.95	11.95	122	31.89	41.02	7.5	11.5	114	29.27	33.66	7.5	11.5	114							
	Maximum	42.62	45.84	7.95	12.3	130	47.85	56.73	8.4	12.4	139	44.75	53.29	8.2	12.2	131	42.78	44.4	8.3	12.3	132							
	Average	34.67	39.65	7.65	11.85	119	41.29	51.73	8.175	12.18	131	38.32	47.15	7.85	11.85	123	36.02	39.03	7.9	11.9	123							
Sr. No.	Name of month	Buffer Zone																								Permissible Limit		
		Village Barhiya						Village Jhal						Village Sillmili						Village Karsara						PM 2.5	PM 10	
		PM-2.5	PM-10	SO _x	NO _x	CO	ppm	PM-2.5	PM-10	SO _x	NO _x	CO	ppm	PM-2.5	PM-10	SO _x	NO _x	CO	ppm	PM-2.5	PM-10	SO _x	NO _x	CO	ppm	µg/m ³	µg/m ³	
1	Jul-17	30.97	35.89	7.3	11.35	125	35.04	38.23	7.75	11.7	119	30.79	41.68	7.7	11.45	130	32.15	42.59	7.4	10.5	126	40	60					
2	Aug-17	27.35	39.15	7.6	11.5	115	33.04	41.24	7.1	11.2	119	25.24	31.96	7.5	11.5	66	22.97	39.32	7.45	11.5	115							
3	Sep-17	22.26	30.23	7.6	11.5	119	28.07	36.65	7.6	11.6	124	20.99	32.25	7.1	10.9	114	26.24	34.72	7.55	11.55	134							
4	Oct-17	26.16	35.35	7.65	11.65	119	35.64	51.04	8.15	12.15	124	34.74	47.82	7.65	11.8	122	31.46	47.32	7.4	11.9	122							
5	Nov-17	22.54	29.72	7.65	11.65	116	33.26	37.63	8.15	12.25	132	31.96	34.64	8.15	12.2	131	32.64	35.23	8.1	12.2	130							
6	Dec-17	23.25	40.85	7.45	11.5	119	35.22	42.82	7.45	11.35	123	32.66	36.32	6.95	10.95	104	30.04	41.24	7.6	11.6	116							
	Minimum	22.26	29.72	7.3	11.35	115	28.07	36.65	7.1	11.2	119	20.99	31.96	6.95	10.9	66	22.97	34.72	7.4	10.5	115							
	Maximum	30.97	40.85	7.65	11.65	125	35.64	51.04	8.15	12.25	132	34.74	47.82	8.15	12.2	131	32.64	47.32	8.1	12.2	134							
	Average	26.61	35.29	7.475	11.5	120	31.86	43.84	7.625	11.73	126	27.86	39.89	7.55	11.55	98	27.81	41.02	7.75	11.35	125							

Prepared by

Analyzed by

Environment Management Department
KJS CEMENT LIMITED
Village-Amilia, Tehasil-Maihar
Distt. - Satna, (M.P.)
Half yearly Noise Monitoring Report
Bhatia Lime Stone Mine 9.008 he.



July 2017 to December - 2017					
Month of Monitoring	Day/Night	In Mine Periphery (N) db[A]	In Mine Periphery (W) db[A]	In Mine Periphery (E) db[A]	In Mine Periphery (S) db[A]
July	Day	58.3	65.3	62.1	61.2
	Night	53.1	60.1	60.0	58.4
August	Day	56.2	62.2	59.3	57.3
	Night	51.3	58.3	56.1	52.7
September	Day	54.3	59.3	58.1	57.2
	Night	50.2	54.2	53.1	55.1
October	Day	57.3	66.2	65.2	64.0
	Night	55.2	56.3	57.1	56.7
November	Day	58.1	62.1	61.8	58.1
	Night	51.2	55.1	54.3	53.2
December	Day	57.1	63.1	62.4	58.1
	Night	50.1	57.3	54.3	53.2
Average	Day	56.9	63.03	61.48	59.3
	Night	51.85	56.88	55.81	54.88


Prepared by:


Analyzed by:


Environment Management Department
KJS CEMENT LIMITED
 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 ड्योड़ी की स्थापना हेतु शारदा मंदिर प्रबंधक कमेटी को 5 लाख रुपये की सहायता की है, जिससे मंदिर की ड्योड़ी 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 इलेक्ट्रॉनिक 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, बेलदरा, 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 सेंटर 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 टेन्डर 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 स्वास्थ्य 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।
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 गेहूँ, 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 पॉच-पॉच 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 गहरीकरण का कार्य भी कराया जा रहा है जिसमें कुल खर्च रुपया तीन लाख अनुमानित है।

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 लैब	05 लाख रुपये
5. शिक्षण संस्थाओं में फर्नीचर	04 लाख 45 हजार रुपये
6. तकनीकी कौशल के लिए पुरुष एवं महिला प्रशिक्षण	63 लाख 20 हजार रुपये
7. राष्ट्रीय राजमार्ग 07 में दो नये बस स्टाप	06 लाख रुपये
8. नेत्र चिकित्सा शिविर	04 लाख 50 हजार रुपये
9. बढिया गांव में कम्प्यूनिटी हाल व 2 हैण्ड पंप	04 लाख रुपये
10. राष्ट्रीय राजमार्ग से ग्राम अमिलिया, गिरगिटा एवं बढिया के लिय सड़क	01 करोड़ 42 लाख 15 हजार रुपये
कुल योग	2 करोड़ 46 लाख 30 हजार रुपये