

**Ambuja
Cement**

Ref. ACH/EMD/F-20/11(01)/2022

29 Nov, 2022

**Regional Office (NCZ), 25
MoEF&CC,
Subhash Road,
Dehradun – 248001**

Sub: Compliance Status for Expansion of Kashlog Limestone Mining Project of M/s Gujarat Ambuja Cement Ltd. Located in parts of Village(s) Kashlog, Mangu, Pati, Chola, Gyana, Rauri and Sangoi, Tehsil Arki, District Solan, Himachal Pradesh- environmental clearance reg. – J- 11015 /200/2005-IA.II (M) for the period from April, 2022 to Sep, 2022.

Dear Sir,

Please find the enclosed point-wise compliance of Specific and General Conditions of above mentioned Environmental Clearances.

List of tables attached are as below:

1. Gyana Khad water analysis report is enclosed as table – 1.
2. Results of Ambient Air Quality monitored at 4 locations in mines area are given in table- 2.

List of annexure attached are as below:

1. Expenditure details for Environmental Protection activities- annexure 1.
2. Consent compliance Kashlog Limestone Mines- annexure 2.

This point wise compliance of specific and general conditions of EC is being forwarded along with relevant/ready reference photographs & annexures to your kind goodself in a systematic context, please.

Thanking you,

**Yours Faithfully,
For Ambuja Cements Ltd., (Kashlog Limestone Mines)**


**(Sandeep Bhimta)
Head, Environment**

CC to:

(i) Zonal Office (North) PICUP Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow - 226 010

(ii) Regional Officer, H P State Pollution Control Board, S.C.F. 6, 7 and 8, Sector – IV, PARWANOO, Distt. Solan (H.P.)

**Encl.: (i) As above
(ii) Soft copy through e-mail**



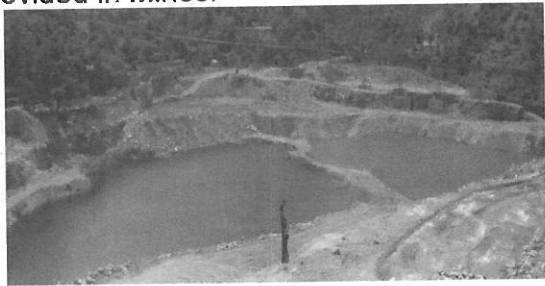
**AMBUJA CEMENTS LIMITED
(UNIT RAURI)**

**P.O. Darlaghat, Tehsil Arki, Distt. Solan- 171102 (H.P.) Phone: 01796246468, 246283 Fax: 248335, 248316
(Regd. Off. : P.O Ambuja Nagar, Talika- Kodinar, Distt. Junagarh, Gujarat - 362715**

**COMPLIANCE OF CONDITIONS LAID DOWN BY MoEF IN NOC GRANTED FOR THE EXPANSION OF
KASHLOG LIMESTONE MINES OF AMBUJA CEMENTS LIMITED (3.3-5.5MTPA)
J-11015 /200/2005-IA.II (M)**

Sr. No.	STIPULATION	ACTION
2A. Specific Conditions		
(i)	All the conditions stipulated by the State Pollution Control Board in their Consent should be effectively implemented.	Implemented.
(ii)	The project proponent shall obtain prior approval of the Chief Wildlife Warden before enhancing the production from the mine.	Necessary permission / No Objection Certificate for increase in the rate of limestone extraction from the existing Mining Lease area located in parts of village(s) Kashlog, Mangu, Pati Chola, Gyana, Rauri and Sangoi has been obtained.
(iii)	The project proponent shall obtain requisite forestry clearance for diversion of entire forestland involved in the project from the competent authority prior to start of enhanced production from the mine. No mining work shall be carried out in the forest area for which forestry clearance has not been obtained.	Required Forestry clearance for diversion of forestland has been obtained.
(iv)	The project proponent should prepare a comprehensive plan to combat environmental degradation including landslide keeping in view the location of mine in seismically active zone IV and landslide prone zone. The proponent should identify critically degraded areas in terms of hectares and prepare the area maps along with time bound action plan for their improvement including details of protective structures using perennial soil binding native grass species, shrubs and tree species and earmark separate budgetary provision for this activity. Details in this regard shall be submitted to this Ministry and its Regional Office located at Chandigarh within 3 months.	A comprehensive plan to combat environmental degradation has been made and submitted vide our office letter No. ACH/EMD/F-13/01-70 dated 31 st January 2007.
(v)	The environmental clearance is subject to approval of the State Landuse Department, Government of Himachal Pradesh for diversion of agricultural land for non-agricultural use.	Noted
(vi)	The mining operations shall not intersect groundwater table. Prior approval of the Ministry of Environment & Forests and Central Ground Water Authority shall be	Mining does not intersect ground water.


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	obtained for mining below water table.	
(vii)	<p>Topsoil should be stacked separately at earmarked sites and should not be kept active for long period. It should be used for reclamation and rehabilitation of the mined out areas.</p>	<p>Availability of Topsoil is very less in quantity. However, this quantity of Top soil is being used for plantation.</p>  <p align="center">Top soil stacked separately for reclamation and rehabilitation</p>
(viii)	<p>Catch drains and siltation ponds of appropriate size should be constructed for the working pit, and soil dump to arrest flow of silt and sediment. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly desilted particularly after monsoon and maintained properly.</p> <p>Garland drain (size, gradient and length) shall be constructed for mine pit and soil dumps and sump capacity should 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 should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits should be constructed at the corners of the garland drains and desilted at regular intervals.</p>	<p>Check dams & check filters have already been provided surrounding to mines area for water quality management. Except these retaining walls and Surface drains etc. are also constructed.</p>  <p align="center">Check Dam/Check Walls</p> <p>To harvest rainwater for ground water recharging three rainwater harvesting reservoirs of capacity 73457m³ have been provided in Mines.</p>  <p align="center">A Rainwater harvesting pond at mines.</p>
(ix)	<p>Dimension of the retaining wall at the OB benches within the mine to check run-off and siltation should be based on the rainfall data.</p>	<p>No Over Burden shall be generated.</p>

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(x)	<p>Plantation shall be raised in an area of 239.06 ha including a green belt around ML area, roads etc. by planting the native species in consultation with the local DFO / Agriculture Department. The density of the trees should be around 2000 plants per ha.</p>	<p>As per the EMP, 239.06 area shall come under plantation once the mining activities area completed in the ML area. This comprises 196 ha of mined and reclaimed area and 43.06 ha of virgin non mineralised area. Out of total ML area of 469.00 ha, post mining, a total of 225 ha area would be available for reclamation and rehabilitation. It has been envisaged to convert 29 ha reclaimed area to water bodies. Rest of the reclaimed areas i.e., 196 ha would be rehabilitated in the form of afforestation and orchards. At the end of mine life, out of the balance 244 ha area which is not amenable for excavation for mineral raising, plantation would be carried out in phases over 43.06 ha of this area while remaining area would remain undisturbed and shall form a part of safety zone and other statutory barriers. As on date, 1ha out of 196 ha area has been reclaimed and plantation has been done on 7.48 ha out of 43.06 ha. area in consultation with local DFO.</p> <div data-bbox="837 1025 1412 1377" data-label="Image"> </div> <p align="center">Plantation in Mines</p>
(xi)	<p>Regular monitoring of the flow rate of the springs and perennial nallah will be carried out and records maintained.</p>	<p>Regular monitoring is being carried out and records are maintained. Water quality monitoring reports are enclosed as table 1.</p>
(xii)	<p>Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells and constructing new piezometers at suitable locations by the project proponent in and around project area in consultation with Regional Director, CGWB. The frequency of monitoring should be four times a year, pre-monsoon (April / May), monsoon (August), post-monsoon (November), and winter (January). Data</p>	<p>Ground water level and quality monitoring is being carried out by third party (NABL accredited lab). A letter in regard to installation of piezometers & ground water augmentation has already been written to Regional Director, CGWB seeking their advice on the issues vide letter no. ACL:MR:HP:CGWA:2015:1 dated 30-06-2015. A letter from CGWB North has been received vide TC-04/NHR/STI/State/10-643 dated 2/12/2015. Three piezometers</p>

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	thus collected should be sent at regular intervals to MoEF, CGWA and Regional Director, CGWB.	monitoring bores have been installed.
(xiii)	Suitable conservation measures to augment groundwater resources in the area shall be planned and implemented in consultation with Regional Director, CGWB	Regional Director, CGWB is being approached to suggest conservation measures vide letter no. ACL:MR:HP:CGWA:2015:1 dated 30-06-2015. A letter from CGWB North has been received vide TC-04/NHR/STI/State/10-643 dated 2/12/2015. Three piezometers monitoring bores have been installed.
(xiv)	Only wet drilling shall be adopted. Drills should either be operated with dust extractors or equipped with water injection system.	Being complied.
(xv)	Blasting operation should be carried out only during the daytime. Controlled blasting should be practiced. The mitigative measures for control of ground vibration and to arrest fly rocks and boulders should be implemented.	<p>(a). Blasting operation is being carried out in daytime only.</p> <p>(b). We use IKON digital energy control system to blast in critical areas. This is system is more precise and accurate and generates less ground vibrations, fly rock and give better fragmentation. Advanced controlled blasting technique is practiced such as use of NTD, Excel, muffled blasting, optimum quantity of blasting material are practiced to avoid dust generation, fly rock, noise level and ground vibration because of the activity. Secondary blasting is avoided by use of hydraulic breaker.</p>  <p align="center">Hydraulic Breaker</p>
(xvi)	Minerals handling plant should be provided with adequate number of high efficiency dust extraction system. Loading and unloading areas including all transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.	Minerals handling plant are being provided with bag filters. Bag filters are attached at all the transfer points to arrest the dust. The dust so collected is automatically recycled in the process.
(xvii)	Vehicular emissions should be kept under control and regularly monitored. Measures	Regular maintenance of vehicles is carried out to keep vehicular emission under

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	shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The vehicles should be covered with a tarpaulin and shall not be overloaded.	control. PUC monitoring of the vehicles is done regularly. Raw material is fed to the crusher located within the mine from which it is sent to plant through fully covered Overland Belt Conveyor. So, vehicles are not required to be covered.
(xviii)	The project proponent should take all precautionary measures during mining operation for conservation and protection of endangered fauna such as leopard, wild dog etc. reported in the study area. Action plan for conservation of flora and fauna shall be prepared and implemented in conservation with the State Forest and Wildlife Department. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. Copy of action plan may be submitted to the Ministry and its Regional Office within 3 months.	Wildlife Conservation Plans have been prepared in consultation with State Forest & Wildlife Department and the same are authenticated by PCCF (Wildlife) vide letters dated WL(Misc)-73/Mining/VI/8295 dated 14/1/2014 and WL(Misc)-73/Mining/VI/7473 dated 24-12-2013. The allocated necessary funds for the purpose have already earmarked in the Conservation plan and Rs. 97,10,000/- (Rupees ninety seven lakh ten thousand only) have already been submitted for the wildlife conservation activities vide letter no. ACL/CORP. AFFAIRS/WL CESS/2015 Dated 17-01-2015. Rs 47.90 lacs has been submitted as part of commitment in WLCP to State Wildlife Forest Deptt. through CAMPA Account (RTGS) on 18/03/2016 for year 2016. Recently we have submitted Rs 10 lacs to State State Wildlife Forest Deptt. through CAMPA Account. Total amount submitted Rs. 1.55 crores for WLCPs.
(xix)	Digital processing of the entire lease area using remote sensing technique should be done regularly once in three years for monitoring land and pattern and report submitted to MoEF and its regional office.	A report on digital processing of the lease area has been submitted vide our letter no. 20/05(01)/2020 dated 28, May 2020.
(xx)	Land oustees should be rehabilitated as per the Resettlement and Rehabilitation plan approved by the Government of Himachal Pradesh.	Land oustees are being rehabilitated as per the Resettlement and Rehabilitation plan approved by the Government of Himachal Pradesh.
(xxi)	Consent to operate should be obtained from SPCB before starting enhanced production from the mine.	Consent to operate has been granted by HPSPCB.
(xxii)	Sewage treatment plant should be installed for the colony. ETP should also be provided for workshop and mineral separation plant wastewater.	Sewage treatment plant has been provided for colony. Being a dry process no effluent is generated however a settling tank and oil & grease trap has been provided for workshop.
(xxiii)	A Final Mine Closure Plan along with details of Corpus Fund should be	The point has been noted and shall be taken care well within time.

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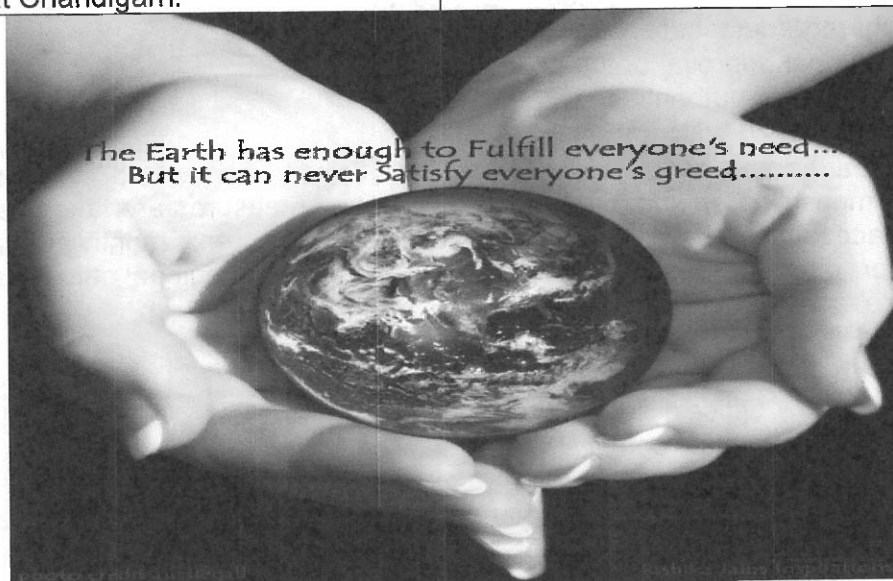
	submitted to the Ministry of Environment & Forest 5 Years in advance of final mine closure for approval.	
B. General conditions		
(i)	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment & Forests.	If there is any change in mining technology and scope of working, prior approval shall be taken from Ministry of Environment and Forests.
(ii)	No change in the calendar plan including excavation, quantum of mineral limestone and waste if any should be made.	There is no change. If any, prior approval shall be taken from MoEF.
(iii)	Four ambient air quality - monitoring stations should be established in the core zone as well as in the buffer zone for RPM, 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 under taken in consultation with the State Pollution Control Board.	Ambient air quality is being carried out at four locations & reports of the same are being submitted to HPSPCB. Same are enclosed as table 2.
(iv)	Data on ambient air quality (RPM, SPM, SO ₂ , NO _x) should be regularly submitted to the Ministry including its Regional office located at Chandigarh and the State Pollution Control Board / Central Pollution Control Board.	Data is regularly being submitted to HPSPCB, CPCB and MoEF Dehradun on regular basis.
(v)	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.	<p>To control the fugitive dust emission from various sources we have installed the bag filters. Restricted speed limits for the vehicles inside plant & mines also help to reduce the fugitive dust emission. Water spraying arrangement on haul roads, loading and unloading and at transfer points have been provided and properly maintained.</p>  <p align="center">Water Sprinkling on Haul Roads</p>

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(vi)	Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc should be provided with ear plugs / muffs.	All the precautionary measures have been taken to keep the noise levels within limits. The noise level inside the cabin of HEMM is very low however the workers engaged in operations of HEMM are provided with ear plugs/ muffs.
(vii)	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 from time to time. Oil and grease trap should be installed before discharge of workshop effluents.	Settling tank and Oil & Grease Trap has been provided.
(viii)	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 Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	Company is very much conscious about the occupational health and safety of employees and workers. Different types of health and house keeping programmes are regularly being organized by the company and the records are maintained. All the workers and employees are trained about the use of Personal Protective Equipments. Being a conscious company about the safety of employees the company has its own five cardinal rules for safety which each and everyone have to follow.
(ix)	A separate environment management cell with suitable qualified personnel should be set up under the control of a senior executive, who will directly report to the Head of the Organisation.	(a) A separate Environmental Management Division has already been set up to look after environment related activities. (b) EMS awareness program & other regular eco-green activities are being carried out as per our scheduled targets.
(x)	The project authorities should inform to the Regional Office located at Chandigarh regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	The production was started from 28 th March 2010.
(xi)	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Chandigarh.	The Funds earmarked for environmental protection measures are taken as a separate budget and six monthly expenditure is reported to the Regional office of MoEF.
(xii)	The Regional Office located at Chandigarh shall monitor compliance of	Officer(s) of Regional Office is/ are always fully co-operated.

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	stipulated conditions. The project authorities should extend full co-operation to the officer (s) of Regional Office by furnishing the requisite data / information / monitoring reports.	
(xiii)	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.	A Copy of clearance letter has been marked to concerned authorities.
(xiv)	State Pollution Control Board should display a copy of clearance letter at the Regional Office, District Industry Centre and Collector's Office / Tehsildar's office for 30 days.	-
(xv)	The project authorities should advertise at least in two local newspapers widely circulated, one of which should 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 website of the Ministry of Environment and Forests at http://envfor.nic.in and a copy of the same should be forwarded to the Regional Office of this ministry located at Chandigarh.	Advertisement has been made in two local local news papers, a copy of which has already been submitted to MoEF, Chandigarh.



Save Environment, Save Earth
FMD- Team. ACL Darlaahat

AMBUJA CEMENTS LIMITED (UNIT-RAURI)

Table - 1

Monthly Average of Gyana Khad Water Quality Analysis Report
(From April 2022 to September 2022)

MONTH	SAMPLING POINTS	PARAMETERS			
		pH	TSS	TDS	DO
Apr-22	1	7.5	42.4	312.8	5.0
	2	7.8	51.6	373.5	4.0
	3	7.6	47.8	365.7	4.7
	4	7.6	45.8	358.1	4.7
May-22	1	7.5	34.3	337.1	3.9
	2	7.7	52.5	361.8	3.2
	3	7.6	45.7	350.2	3.6
	4	7.5	41.1	342.2	4.0
Jun-22	1	7.5	49.2	403.2	4.0
	2	7.8	61.5	448.4	3.6
	3	7.6	54.6	420.4	4.1
	4	7.6	48.6	407.9	4.2
Jul-22	1	7.3	50.5	360.3	4.0
	2	7.7	72.4	376.3	3.5
	3	7.6	62.8	360.4	4.2
	4	7.4	57.8	348.5	4.2
Aug-22	1	7.5	35.4	320.9	5.5
	2	7.7	48.3	363.6	4.7
	3	7.6	42.9	345.1	5.3
	4	7.6	35.8	345.9	5.4
Sep-22	1	7.5	44.3	331.8	4.1
	2	7.8	64.3	400.1	3.6
	3	7.6	51.3	371.5	4.0
	4	7.6	47.0	358.3	4.2

AVERAGE 7.6 49.5 365.2 4.2

Except pH all the parameters are in mg/lit.

Sampling Points

1. 500mts. Upstream of First Nallah before joining Gyana Khad.
2. 500mts. Upstream of Second Nallah before joining Gyana Khad.
3. V-Notch installed in Gyana Khad. (SE Side of ML Area)
4. 500mts. Downstream from V-Notch of Gyana Khad.

Table-2

Monthly Average of Ambient Air Quality Monitoring Results Mining Area

(Lead, Nickel, Arsenic and CO) (From April 2022 To September 2022)

MONTH	Mines Dormitory				Rathoh				Mangoo				Chandi			
	Lead µg/ m ³	Nicke l ng/m ³	Arsen ic ng/m ³	CO mg/m ³	Lead µg/m ³	Nicke l ng/m ³	Arseni c ng/m ³	CO mg/m ³	Lead µg/m ³	Nicke l ng/m ³	Arseni c ng/m ³	CO mg/m ³	Lead µg/m ³	Nicke l ng/m ³	Arseni c ng/m ³	CO mg/m ³
Apr. 22	ND	ND	ND	0.81	ND	ND	ND	0.73	ND	ND	ND	0.75	ND	ND	ND	0.44
May. 22	ND	ND	ND	0.86	ND	ND	ND	0.74	ND	ND	ND	0.62	ND	ND	ND	0.42
Jun. 22	ND	ND	ND	0.69	ND	ND	ND	0.81	ND	ND	ND	0.72	ND	ND	ND	0.54
Jul. 22	ND	ND	ND	0.98	ND	ND	ND	0.92	ND	ND	ND	0.64	ND	ND	ND	0.42
Aug. 22	ND	ND	ND	0.92	ND	ND	ND	0.76	ND	ND	ND	0.66	ND	ND	ND	0.48
Sep. 22	ND	ND	ND	0.78	ND	ND	ND	0.90	ND	ND	ND	0.72	ND	ND	ND	0.44

MONTH	Mines Dormitory				Rathoh				Mangoo				Chandi			
	PM 10	PM 2.5	SO2	NO2	PM 10	PM 2.5	SO2	NO2	PM10	PM 2.5	SO2	NO2	PM 10	PM 2.5	SO2	NO2
Apr. 22	43.9	30.2	5.3	16.3	46.2	30.2	5.2	13.9	52.6	33.2	3.2	7.7	36.0	24.5	3.4	9.3
May. 22	48.3	30.2	6.0	12.8	52.6	31.4	5.2	13.4	51.1	31.0	5.3	13.8	52.7	33.7	3.8	8.2
Jun. 22	58.3	37.4	5.6	9.9	59.7	37.7	4.9	7.4	55.5	38.9	4.5	9.1	53.3	34.6	3.8	8.3
Jul. 22	49.2	32.8	3.6	11.0	52.2	33.1	3.9	10.2	52.4	32.6	4.2	10.1	42.6	23.3	3.8	8.4
Aug. 22	56.9	41.3	5.3	9.4	46.7	43.5	5.4	11.7	46.1	40.1	4.0	9.9	42.5	34.8	3.4	7.9
Sep. 22	52.0	34.8	5.5	10.5	53.7	37.0	5.0	10.0	55.9	39.3	6.0	11.8	60.1	35.3	4.4	9.2

Note : Location/Direction from the Plant and Mines .

MINES D. 4.0 km. E from Plant
 RATHOH 0.5 km. Near Crusher
 MANGOO 3.0 km. SE from Mines
 CHANDI 3.0 km. NE from Mines

Environmental Expenditure – RAURI and Kashlog Limestone Mines (April 2022 – Sep. 2022)

Sr. No.	Environmental Expenditure Area	Capital/Recurring	Amount
1	Air pollution control equipments maintenance (Bag Filters etc.), STP maintenance, Analyzers and other monitoring equipments maintenance.	Recurring	4145658
2	Monitoring and analysis of environmental parameters, studies, purchase of small new equipments, plantation, fees, salaries, cess & Site cleaning etc.	Recurring	7502059
3	Air pollution control equipments running expenses	Recurring	44434944
4	Mines – construction of check dams/ check filters, Toe walls etc, Water spraying on haul roads, use of IKON, plantation, soil conservation works, water harvesting etc.	Recurring	1674195
5	Community development works	Recurring	26226182
		Capital	96760
6	Roads	Capital	1200000

Total Capital Cost: - 1296760 /- Rs

Total Recurring Cost:- 83983038 /- Rs

Total Cost Recurring + Capital Cost :- 85279798 /- Rs

(Rs Eight Crore Fifty Two Lakh Seventy Nine Thousand Seven Hundred Ninety Eight)

Compliance of Renewal of Consent conditions imposed by HPSPCB Kashlog Limestone Mines – 7.6
MTPA - CTO/BOTH/RENEW/RO/2021/1919212 dated 30/01/2021 valid upto 31/03/2025

A. SPECIFIC CONDITIONS		
S.No.		
1.	This 'Renewal of Consent to Operate' is only for the purpose and under the provision of Water Act, 1974 and Air Act, 1981 as the case may be, and will not construed as substitute for mandatory clearances required for the project under any other law/regulation/direction/order and the applicant shall obtain any such mandatory clearance before taking any steps to establish industry/ industrial plant, operation or process or any treatment and disposal system or an extension or addition thereto.	Noted. All necessary permissions have been obtained.
2.	Nothing in this Consent shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected to under this or any other Act.	Noted.
3.	The unit shall apply for further renewal/extension in the validity of the Consent, before the expiry of this 'Renewal of Consent to Operate'.	Noted.
4.	<p>i) The unit shall ensure compliance of Waste Management Rules i.e. Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016/ Plastic Waste Management Rules, 2016/ E-Waste (Management) Rules, 2016/Construction & Demolition Waste Management Rules, 2016 and Manufacture, Storage & Import of Hazardous Chemical Rules, 1989 and provisions made thereunder, as amended from time to time, without any adverse effect on the environment, in any manner (As Applicable).</p> <p>ii) The unit shall made provisions for the compliance Solid Waste Management Rules, 2016 and provisions made thereunder and unit shall also not practice burning activity of solid waste/waste generated from fuel within/outside premises, to avoid public nuisance.</p>	Noted.

Compliance of Renewal of Consent conditions imposed by HPSPCB Kashlog Limestone Mines – 7.6
MTPA - CTO/BOTH/RENEW/RO/2021/1919212 dated 30/01/2021 valid upto 31/03/2025

5.	<p>This 'Renewal of Consent to Operate' is for:-</p> <p>i) The emissions from all sources conforming to the norms as prescribed in Schedule-I of Environment (Protection) Rules, 1986 as amended from time to time.</p> <p>ii) Noise and Ambient Air Quality shall be maintained within Ambient Air Quality Standards for noise as specified in Schedule-III of Environment (Protection) Rules, 1986 and Noise Pollution (Regulation and Control) Rules, 2000, as amended from time to time.</p> <p>iii) The effluent (Domestic/Industrial) shall conform to the limits as prescribed in Schedule-I or Schedule-VI or Industry specific standards of Environment (Protection) Rules, 1986 as amended from time to time.</p> <p>iv) Sewage and sullage generated from the unit to be disposed-off in a properly designed septic tank system/Sewage Treatment Plant/ Public Sewer System (as applicable).</p>	<p>Noted.</p> <p>Noted.</p> <p>Noted. Due to dry process no effluent is generated from the process.</p> <p>The sewage generated from mines offices are being disposed off in septic tank.</p>
6.	The unit shall ensure regular operation and maintenance of Pollution Control Devices to achieve the norms as prescribed in Environment (Protection) Act, 1986 and the achievement of the adequacy and efficiency of the effluent treatment plant/pollution control devices/re- circulation system installed shall be the entire responsibility of the unit.	Regular maintenance of APCDs is being done. The emissions are well within the limits prescribed in Environment (Protection) Act, 1986.
7.	The unit shall ensure regular operation	The APCDs and energy meters are operated and

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	and maintenance of separate energy meter/flow meter for running pollution control devices and shall also maintain record with respect to operation of air pollution control device/effluent treatment plant, so as to satisfy the Board regarding the regular operation of air pollution control device/effluent treatment plant and shall maintain log book for the monthly reading / record.	being maintained properly. The separate energy meters are being shown to HPSPCB persons during their visit or as and when they require. The record of the same is being maintained.
8.	<p>CONDITIONS UNDER WATER (PREVENTION & CONTROL OF POLLUTION) ACT, 1974.</p> <p>a) The unit shall maintain the record regarding the daily water consumption as per flow meter installed.</p> <p>b) The unit shall ensure that terminal manhole(s) at the end of each collection system and a manhole upstream of final outlet (s) out of the premises of the industry for measurement of flow and for taking samples.</p> <p>c) The pollution control devices shall be interlocked with the manufacturing process of the industry (if applicable) and the authorized outlet and mode of disposal shall not be changed without the prior written permission of the Board. Unit shall not use any unauthorized outlet(s) for discharging effluents from its premises.</p> <p>d) Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed-off in scientific manner</p>	<p>a) The monthly water record is being maintained.</p> <p>b) Due to dry process no effluent is generated from process. This is not applicable in our case.</p> <p>c) Due to dry process no effluent is generated from process. This is not applicable in our case.</p> <p>d) Oil and grease trap has been provided for our mines office workshop.</p>
9.	<p>CONDITIONS UNDER AIR (PREVENTION & CONTROL OF POLLUTION) ACT, 1981. a) The unit shall ensure port-holes, platforms and/or other necessary facilities as may be required for collecting samples of emissions from any chimney, flue or duct or any other outlets as per the specifications.</p> <p>b) The unit shall discharge air emissions</p>	<p>a) Suitable platforms and port-holes have been provided at chimneys to collect the samples.</p> <p>b) Being complied.</p>

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	<p>through a stack of minimum height as specified in 'Consent to Establish' and shall follow standards laid down from time to time.</p> <p>c) For industrial furnaces and kilns, the criteria for selection of stack height would be based on fuel used for the corresponding steam generation & as per specification.</p> <p>d) Unit shall ensure Stack height for diesel generating sets as per specification.</p> <p>e) The unit shall ensure regular operation and maintenance of installed canopy and stack of the D.G sets so as to control the noise & air pollution in order to comply with the provision of notification No GSR-371 E dated 17-5-2002 or direction as issued by MOEF from time to time, under Environment (Protection) Act, 1986.</p> <p>f) The unit shall ensure disposal of boiler ash/fuel ash through authorized person or within premises in a scientific manner (as the case may be) and shall maintain proper record for the same, if applicable.</p> <p>g) The unit shall ensure regular operation and maintenance of air pollution control arrangements for control emission from its coal/fuel handling area and from handling, transportation and processing of raw material & product of the industry.</p>	<p>c) Not applicable in case of mining.</p> <p>d) No DG sets has been installed in Kashlog Limestone Mines.</p> <p>e) No DG sets has been installed in Kashlog Limestone Mines.</p> <p>f) Not applicable.</p> <p>g) Bag filters have been provided to control dust emission from crusher along with water sprinklers at crusher hopper. Bag filters are attached to all the transfer points to arrest dust and dust thus collected is automatically recycled in the process. All conveyer belts are covered. Water sprinklers have been provided wherever required to mitigate the emissions from the loading and unloading of the limestone and shale. Water tankers are provided for regular sprinkling of haul roads.</p>
10.	The unit shall ensure valid and approved on-site and off-site emergency plan, approved by the Chief Inspector of Factories, Himachal Pradesh (If applicable).	There is valid and approved Onsite and offsite emergency plan.