



SHREE RAIPUR CEMENT PLANT

(A UNIT OF SHREE CEMENT LIMITED)



Village : Khaparadih, Tehsil : Simga, Distt. : Baloda Bazar-Bhatapara (C.G.) Pin : 493 332,
Ph. : 07727-203101, CIN No. : L26943RJ1979PLC001935

SRCP/ENV/2021-22/122

Date: 20/11/2021

To,
The Member Secretary,
State Environment Impact Assessment Authority,
Paryavas Bhavan, North Block, Sector-19
Naya Raipur (C.G.)

Sub: - Regarding compliance for the period April-2021 to September-2021 to the conditions of Environment Clearance for SRCP Colony -building & construction project of 111011 sq meter built-up area against total colony area of 220854 sqm (22.085 Hectare located near Village bharuwadih post - Champa in Baloda Bazar-Bhatapara District (Chhattisgarh) by Shree Raipur Cement Plant (A unit of Shree Cement Ltd.).

Ref: - EC Letter No – 1218/S.E.I.A.A.C.G./Residential project dated/B.B./2147, New Raipur dated 22/12/2016.

Dear Sir,


Kindly refer to the above subjected matter and referred EC letter. We are submitting herewith the point wise Half Yearly EC compliance status for the period of **April-2021 to September-2021.**

This is for your kind information & submission please.

Thanking you.

Yours faithfully

For Shree Raipur Cement Plant.
(A unit of Shree Cement Ltd.)


R. K. Vijay
Joint VP (Operations)

Enclosed: Compliance status Report period April-2021 to September-2021.

Cc to: -

1. Deputy Director General of Forests (C), Integrated Regional Office, Aranya Bhawan, North Block, Sector-19, Naya Raipur, Atal Nagar, Chhattisgarh.
2. The Member Secretary, Chhattisgarh Environment Conservation Board, Paryavas Bhavan, North Block, Sector-19 Naya Raipur (C.G.)
3. The Regional Officer, Chhattisgarh Environment Conservation Board, Commercial Complex, Chhattisgarh Housing Board Colony, Kabir Nagar, Raipur (C.G.) – 492099.

SRCP Colony Environment Compliance Status report

Period from April-2021 to September-2021

Name of Project:	SRCP Colony Shree Raipur Cement Plant (A unit of Shree Cement Ltd)
Capacity & Location:	SRCP Colony (residential Colony) Total Colony area 220854 sq. meter (22.085 ha) and buildup area-110111 sq. meter near Village Bharuwadih Distt. - Baloda Bazar - Bhatapara (Chhattisgarh).
EC letter No.:	1218/S.E.I.A.A. CG/Residential Project/BB/2147, Naya Raipur dated 22/12/ 2016

Sr. No	Conditions	Compliance
I	<u>Construction Phage</u>	
	<u>Facility of Labourers during construction</u>	
i)	Construction camp and temporary labour sheds shall be located away from the construction site. Construction camps shall be provided for construction personnel to avoid indiscriminate settlement of construction workers and laborers.	Construction camp and temporary labor sheds are located away from the construction site. Construction camps are provided for construction personnel to avoid indiscriminate settlement of construction workers and laborers.
ii)	Provision to drinking water, waste water disposal, solid wastes management and primary health facilities shall be ensured for labour camps. Proper sanitation facilities shall be provided at the construction site to prevent health related problem. Domestic as well as sanitary wastes from construction camps shall be cleared regularly. Provision shall be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during construction phase shall be ensured.	Provision to drinking water, wastewater disposal, solid wastes management and primary health facilities are being ensured for labour camps. Proper sanitation facilities have been provided at the construction site to prevent health related problem. Domestic as well as sanitary wastes from construction camps are cleared regularly.
iii)	Water usage during construction shall be optimized to avoid any wastage.	Water usage during construction is being optimized to avoid any wastage.
iv)	Adequate safety measures shall be adopted to the construction workers.	Adequate safety measures has been adopted.
v)	All the labourers to be engaged for construction works shall be screened for health and adequately treated before issue of work permits. The contractor shall ensure periodic health check-up of construction workers. A first Aid room shall be provided in the project both during construction and operation of the project.	Complying with. OHC Centre for medical facilities is available and First Aid facility have also been provided at SRCP Colony.
vi)	Provision shall be made for the supply of kerosene or cooking gas/pressure cooker to the labourers during	Complying with.

	construction phase.	
	<u>Environmental Management During Construction :-</u>	
i)	As far as practicable re-use of debris of demolished existing buildings/houses/structures at existing site is recommended with a special care for handling and disposal of asbestos waste if any. Rest of waste is to be disposed at the sanitary landfill disposal site.	There is no Demolition, asbestos and other wastes generated from the construction site.
ii)	Appropriate measure like adequate drainage, embankment construction and slope stabilization shall be taken along the roads to avoid soil erosion. Top soils (20 cm) of the borrow pit sites shall be conserved and restored after completion of excavation. All the topsoil excavated during construction activities shall be stored for use in horticulture/landscape development within the project site. Proper erosion control and sediment control measures shall be adopted.	Complying with. The top soil generated have been used for plantation purpose.
iii)	Earth material generated from excavation shall be reuse to the maximum possible extent as filling material during site development. The construction debris and surplus excavated material shall be disposed-off by mechanical transport in suitable pre-identified dumping areas to avoid land degradation and water logging due to indiscriminate dumping. Dumping areas shall be biologically reclaimed through topsoil cover and plantation.	Earth material generated from excavation is being reused as filling material at the site development.
iv)	A soil erosion and sedimentation control plan shall be prepared prior to construction. The soil erosion sediment control and storm water practices shall be incorporated depending upon the site characteristics to control soil erosion and loss of topsoil during construction.	There is no any soil erosion envisaged from the site however 5,000 Nos. of tree sapling have been planted at SRCP Colony.
v)	Disposal of muck including excavated material during construction phase shall not create any adverse effects on the neighboring communities and disposed-off taking the necessary precautions for general safety and health aspects.	Complying with.
vi)	Low Sulphur diesel type diesel generator sets should be used during construction phase. Diesel generator sets during construction phase shall have acoustic enclosures and shall conform to Environment (Projection) Rules, 1986 prescribed for air and noise emission standards.	DG fitted with acoustic enclosure and confirming the standards prescribed for noise and air emission.
vii)	All Vehicles/equipment's deployed during construction phase shall be ensured in good working condition and shall conform to applicable air and noise emission	Regular maintenance of Vehicles/equipment's deployed during construction phase is being done to control

	standards. These shall be operated only during non-peak hours.	the noise level and PUC certificate ensured.
viii)	Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality shall be ensured during construction phase. Equipment noise levels shall be ensured during construction phase and closely monitored during construction phase. Adequate measures shall be provided to maintain ambient air quality and noise levels during construction phase, so as to conform to the stipulated standards by CPCB/CECB. Fortnightly monitoring of ambient air quality (PM10, PM2.5, SO2 and NOX) shall be done.	<p>Vehicles are maintained in good condition with proper oil and greasing to control unwanted noise pollution. Noise & ambient Air Monitoring being done.</p> <p>Reports of Ambient Air Quality monitoring are enclosed as Annexure – 1.</p>
ix)	The protective equipments such as earplugs etc. Shall be provided to construction personnel exposed to high noise levels. Stationary construction equipments generating noise shall be placed away from inhabited areas and silence zones. Construction activities carried out near residential area shall be scheduled to daytime only. Only limited necessary construction shall be done during night time. No unloading of construction materials shall be done at night. Vehicular noise and use of horns shall be controlled through enforcement of laws and public awareness. Use of pressure horns shall be strictly prohibited. To reduce noise level, the roads shall be designed to have more rows of plantation.	<p>Complying with.</p> <p>The protective equipment's such as earplugs etc. has been provided to construction personnel exposed to high noise levels</p>
x)	Construction spoils, including bituminous material and other hazardous materials including oil from construction equipments must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they shall not leach into the ground water. If necessary, oil trap shall be installed where heavy machineries are deployed.	complying with.
xi)	Proper and prior planning, sequencing and scheduling of all major construction activities shall be done. Construction material shall be stored in covered godowns / sheds. Trucks carrying soil, sand and other construction materials shall be duly covered to prevent spillage and dust emission. Adequate dust suppression measures shall be undertaken to control fugitive dust emission. Regular water sprinkling for dust suppression shall be ensured.	<p>Construction material is stored in covered godowns / sheds. Ensuring trucks' carrying soil, sand and other construction materials are covered with tarpaulin.</p> <p>Regular water sprinkling is being done for dust suppression to control dust emission.</p>

xii)	Use of Ready-Mix concrete i.e. recommended for this project. Water demand during construction shall be reduced by use of pre-mix concrete, curing agents and other best practices.	Ready-Mix concrete is being used for construction.
xiii)	Accumulation/stagnation of water shall avoid ensuring vector control.	Being complied.
xiv)	Regular supervision of the above and other measures shall be in place all through the construction phase so as to avoid disturbances to the surroundings.	Regular supervision being done to avoid disturbances to the surroundings.
	<u>Selection of Materials for Better Energy Efficiency :-</u>	
i)	Use of fly ash based bricks/ blocks/tiles/products shall be ensured. Blended cement with fly ash shall be used. The provisions of Notifications regarding use of fly ash must be complied with issued by Ministry of Environment, Forest and Climate Change, Government of India. Appropriate usage of other industrial wastes shall also be explored. Soil borrow area should be filled up with ash with proper compaction and covered with topsoil kept separately. Fly ash/ pond ash shall be used for low – lying areas filling. In embankments / road construction etc. ash shall be utilized as per guidelines of Ministry of Environment, Forest and Climate Change, Government of India/ Central Pollution Control Board/ Indian Road Congress etc. concerning authorities. The use of perforated brick/ hollow blocks / fly ash based lightweight aerated concrete etc. shall also be ensured so as to reduce load on natural resources.	Complying with. Fly ash bricks being used for construction purpose.
ii)	Construction shall confirm to the requirements of local seismic regulations. The project proponent shall obtain permission for the plans and designs including structural design, standard, safety adequacy of fire fitting equipments, protection measures for lighting and specifications of all construction works from concerned authority.	SRCP colony project fall in seismic zone-II. Complying all applicable rule & regulation related to the construction of colony. Permission copy is attached as Annexure-2 A & 2B

iii)	Reduce the use of glazed surface as per National Building Code 2005. Use of glass in various buildings may be reduced up to 40 % to reduce the electricity consumption and load on air- conditioning. If necessary, use of high quality double glass with special reflective coating in windows. Roof of the various buildings shall meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement. Opaque wall shall meet perspective requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air conditioned spaces while it is inspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Complying with.
iv)	Use of energy efficient construction materials to achieve the desired thermal comfort shall be incorporated. The desired level of roof assembling 'U' factor and insulation 'R' value must be achieved. Roof assembling 'U' factor for the top roof shall not exceed 0.4 Watt/sq.m/degree centigrade with appropriate modifications of specifications and building technologies. The provisions of national Building Code 2005 shall be strictly followed.	Complying with.
v)	Modern electrical power transmission & distribution system shall be installed.	Modern electrical power transmission & distribution system has been installed.
vi)	Street lighting shall be energy efficient. LED light shall be provided in street lighting, garden, public place and houses. LED lights and solar water heating systems shall be provided in the buildings (as required)	LED lights are provided street lighting, garden, public place and houses. Photograph of the same is attached as Photo no. 1.
vii)	Extensive network of cellular phones and landline shall be provided. The telephone and electric cables shall be laid in the same corridor. Adequate vertical and horizontal separation between telephone and electric cable shall be maintained.	Complying with.
viii)	Reduced hard paving – Onsite (open area surrounding building premises) and/or provide shade on hard paved surfaces to minimize heat island effect and imperviousness of the site.	Complying with.

ix)	All air- conditioned buildings (if any) shall follow the norms proposed in ECBC regulations framed by the bureau of Energy Efficiency. Use of Chillers shall be CFC & HCFC free.	Complying with.
(x)	Power requirement shall be met through Chhattisgarh State Electricity Distribution Company Limited. Power backup shall be D.G. Sets, which should be acoustically proof and eco-friendly.	Power requirement is being met through Chhattisgarh State Electricity Distribution Company Limited. For Power backup D.G. Set has been installed with acoustic enclosure.
xi)	The buildings shall have adequate distance among them to allow movement of fresh air and passage of natural light, air and ventilation.	Being followed.
xii)	During Maintenance, energy efficient electric light fittings & lamps – low power ballasts, low consumption high power luminaries, lux level limiters & timers for street lighting shall be provided. Used LED's shall be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury or other contamination. A report on the energy conservation measure conforming to energy conservation norms finalized by Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology, 'R' value & 'U' factors etc.	Complying with
<u>Water Body Conservation :-</u>		
i)	Improvement or rehabilitation of existing natural streams, channels / nallas falling within premises (if any) shall be carried out without disturbing the ecological habitat.	Not applicable
ii)	No untreated / treated waste water shall be discharged in the any water bodies under any circumstances.	Domestic waste water is being treated by STP and treated water is being used for plantation purpose.
iii)	All the construction and preparatory activities shall be carried out during dry seasons only.	All the construction and preparatory activities are being carried out during dry seasons only.
<u>Water Supply :-</u>		

i)	Project proponent shall provide adequate measuring arrangement at the inlet point of water uptake and at the discharge point for the measurement of water utilized in different categories to monitor the daily water consumption. Measuring arrangement for effluent generated shall also be provided.	Water meter has been provided at the inlet point of water uptake and at the discharge point for the measurement of water utilized in different categories to monitor the daily water consumption. Water Flow meter measurement for effluent generated is provided.
ii)	Water saving practices such as usage of water saving devices / fixtures, low flow flushing system, sensor based fixtures, pressure reducing devices etc. shall be adopted.	Water saving practices like water saving devices/ fixtures, low flow flushing system etc. is adopted.
	<u>Greening Programme :-</u>	
i)	Lay out of proposed buildings and roads etc. shall be made in such a way that it shall cause minimum disturbance to existing flora and fauna. Appropriate green belt shall be developed to compensate the habitat loss of trees for site clearing. The project proponent must obtain permission for tree cutting from competent authority as per prevailing act/rules. Plantation along the side of the roads and in the open spaces shall be developed to act as sinks of air pollutants. Adequate plantation programme along the roads and open spaces shall be planned. The plantation programme shall be drawn to confirm the natural climate conditions. The plantation shall consist of mixture of available indigenous, fast growing and sturdy species of trees, shrubs and herbs as proposed by the project proponent. Plantation shall be done in open spaces available within the premises. Trees of species like sagon, khamar etc which remain leafless for long time shall be avoided.	Plantation along the side of the roads and in the open spaces being developed. Photographs of the same is attached as Photo no. 2.
	<u>Sewage Management:-</u>	
i)	Sewage Treatment plant with adequate capacity shall be installed. Sewage collection system of adequate capacity to convey the sewage during peak hours shall be laid to collect and convey the sewage from various buildings. The augmentation of STP shall be ensured before the completion of the buildings.	STP of 350 KL/ Day capacity has been installed for treatment of domestic waste water.
ii)	Domestic waste water after treatment shall be used in plantation and other uses. Zero discharge condition shall be maintained.	Domestic waste water after treatment is being used for plantation and other uses. Zero discharge condition is being maintained.

	<u>Rain Water Harvesting Scheme:-</u>	
i)	Rain water from open spaces shall be collected and reuse for landscaping and other purposes. Rooftop rainwater harvesting shall be adopted for the buildings. Every building shall have rainwater harvesting facilities. The storm water flowing in roadside drains shall also be recycled and reused to maintain the vegetation and treatment must be done to remove suspended matter and oil & grease. Rainwater harvesting pits shall be constructed as per proposal.	Rain Water harvesting pond of 20,000 KL capacity developed to preserve rain water. The photograph of the Rain Water harvesting pond is attached as Photo no. 3 .
	<u>Transport Management:-</u>	
i)	Appropriate access shall be provided for physically challenged people in the pedestrian paths.	Appropriate access have been provided for physically challenged people in the pedestrian paths.
ii)	Traffic congestion near the entry and exit points from the roads adjoining the project site must be avoided. The design of service roads and the entry and exit from the building shall conform to the norms & standards prescribed by the National Highways authority of India / State public Works Development.	Complying with
iii)	Permeable (porous) paving in the parking areas and walkways & patio areas shall be used to control surface water runoff by allowing storm water to infiltrate the soil and return to ground water.	Complying with
iv)	The road drainage shall be designed to enable quick runoff of surface water and prevent water logging. The road level shall be kept at least 0.5 to 1.0 meter above the observed high flood level. The guidelines on urban drainage, IRC:SP-50 shall be followed. On the both sides of all roads, well -lit and smooth Will be complied. surfaced footpaths shall be provided. The hoardings shall be strictly prohibited along the roads.	Complying with
v)	Adequate provision shall be made to cater the parking needs. Parking shall be fully internalized and no public space be utilized parking spaces standards as given in Manual on Norms and Standards for Environment Clearance of Large Construction Projects, issued by Ministry of Environment, Forest and Climate Change, Government of India shall be adapted.	Fully internalized parking have been provided and No public space will be utilized as per the Norms and Standards for Environment Clearance of Large Construction Projects, Issued by Ministry of Environment, Forest and Climate Change, Government of India.

	<u>Others:-</u>	
i)	All mandatory approvals and permissions as required shall be obtained.	We have obtained CTE from CECB, Raipur Vide Letter No. 5703/TS/CECB/2018, Dated:- 16.10.2018.
ii)	Unskilled construction labourers shall be recruited from the local areas. Construction materials shall be procured locally as far as possible.	Being followed.
iii)	Water heating system provided in the residential units and common buildings (if any) shall be 100% solar based only.	Complying with
iv)	Provision of composting for the biodegradable solid wastes as well as the large amount of biomass that shall be available from the tree plantation shall be made.	Complying with.
v)	The ground water shall not be abstracted without prior permission from the competent authority in the project area.	We have obtained CGWA NOC permission for water withdrawal vide letter no. 21-4(36)/NCCR/CGWA/2008-2079 dated 24.10.2018.
vi)	Adequate roadside drains shall be provided along the road to facilitate its better maintenance and increase in the life of the carriageway, which shall avoid soil erosion and land degradation due to water stagnation. The roadside drains shall be provided on both sides of the road, Longitudinal and cross drainage system shall be regularly maintained. Adequate new drainage works and cross drainage structures shall be provided for smooth passage of runoff. Filling of existing natural drainage courses shall be strictly avoided. Suitable drainage at construction site and camp shall be provided to eliminate the formation of stagnant water pools.	Complying with.
vii)	Regular supervision of the above and other measurement for monitoring shall be in place all through the construction phase, so as to avoid disturbance to the surroundings	Regular supervision being done to avoid disturbances to the surroundings.
II.	<u>Operation Phase</u>	
	<u>Sewage treatment plant :-</u>	
i)	Project proponent shall operate and maintain the sewage collection/ conveyance system, sewage pumping system (if any) and sewage treatment system regularly to ensure the treated effluent quality within the standards prescribed by Ministry of Environment, Forest and	STP of 350 KL/ Day capacity has been installed for treatment of domestic waste water. And the treated waste water is being used for plantation purpose. Annexure of

	Climate Change, Chhattisgarh of India or prescribed by Chhattisgarh Environment Conservation Board (which ever stringent) All the effluent treatment system shall be kept in good running conditions all the time and failure (if any), shall be immediately rectified without delay, otherwise same alternate arrangement shall be made for storage of untreated sewage until the control measure are rectified to achieve the desired efficiency. Project proponent shall install separate electric metering arrangement with time totalized for the running of pollution control systems. The record (logbook) of power & chemical consumption for running the pollution control systems shall be maintained.	water quality is attached as Annexure-3 .
	<u>Municipal Solid Waste/Other Wastes :-</u>	
i)	Three-chambered container or three bins (one for bio degradable, one for non bio degradable and one domestic hazardous waste) shall be placed at appropriate distance on the roadside and inside building. Covered dustbins/garbage collector in convenient places to collect the municipal solid wastes shall be provided.	Three-chambered container or three bins (one for bio degradable, one for non bio degradable and one domestic hazardous waste) is placed at appropriate distance on the roadside and inside building.
ii)	The proponent must develop the Solid Wastes Segregation, Collection, Handling, Transportation and Disposal Scheme ensuring safe and scientific Segregation, collection, handling, transportation and disposal of organic and inorganic portion, the organic waste is to be composted/ Vermi composted at the compost plant, the sludge generated from Sewage Treatment Plant (after drying) shall be used as manure for gardening purpose. Dry solid waste and recycling of all recyclable wastes such as newspaper, aluminum cans glass bottles , iron scrap and plastics etc. shall be ensured, All municipal solid wastes shall be segregated , collected, transported, treated and disposed as per provisions of the solid waste management rules, 2016.	<p>We have developed Solid Wastes Segregation, Collection, Handling, Transportation and Disposal system. Organic waste is converted into compost and used as manure in green belt development.</p> <p>The sludge generated from Sewage Treatment Plant (after drying) is being used as manure for gardening purpose.</p> <p>Dry solid waste and recycling of all recyclable wastes are segregated, collected and transported as per the solid waste management rules, 2016</p>
iii)	Public awareness programmes of benefit if living a clean and healthy life by proper management of solid wastes shall be organized regularly.	Public awareness programmes of benefit of living a clean and healthy life are organized regularly.
iv)	All hazardous wastes (if any) shall be segregated, collected, transported, treated and disposed as per provisions of the Hazardous and other wastes (Management and Trans boundary Movement) Rules,2016.	No hazardous waste is generated from Colony.

v)	The use of hand gloves, shoes and safety dress for all waste collectors and sorters shall be enforced.	Complying with.
vi)	Recycling of all recyclable wastes such as newspaper, aluminum cans, glass bottles, iron scrap and plastics etc. shall be encouraged through private participation.	Complying with.
vii)	Necessary measurement shall be made to mitigate the odour problems from solid wastes processing plant.	Agreed.
	<u>Others:</u>	
i)	Project proponent shall make arrangement for collection, segregation, transportation and disposal of solid wastes generating during the operational phase as per provisions of the solid Waste Management Rules, 2016, before the commissioning of the project.	Three-chambered container or three bins (one for bio degradable, one for non-bio degradable and one domestic hazardous waste) is placed at appropriate distance on the roadside and inside building. Organic waste is converted into compost and used as manure in green belt development. The collected waste is sent to municipal waste segregation site for further processing.
ii)	Project proponent shall make all necessary safety measures like fire fighting, accident prevention etc. before the commissioning of the project.	All necessary safety measures adopted like firefighting teams, fire brigade, fire extinguishers, emergency preparedness etc.
iii)	Noise shall be controlled to ensure that it does not exceed the prescribed standards. During night time the noise level measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevented regulations.	Noise is controlled to ensure that it does not exceed the prescribed standards. Noise monitoring report enclosed as Annexure-4 .
iv)	Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period.	20,000 KL capacity Rain water harvesting pond with internal drainage line being constructed in colony.
v)	The ground water level and its quality shall be monitored regularly in consultation with central ground water authority.	The ground water level & quality being monitored regularly. The monitoring report of the same is attached as Annexure – 5 & 6 respectively .
	<u>PART B – GENERAL CONDITIONS :-</u>	
i)	After approval of the competent authority appropriate firefighting system shall be adapted.	Complying with.
ii)	The environmental safeguard and mitigation measures contained in the application shall be implemented in letter and spirit.	Complying with.

iii)	All the conditions, Liabilities and legal provision contained in the Environmental clearance shall be equally applicable to the successor management of the project in the event of the project proponent transferring the ownerships , maintenance of management of the project to any other entity.	Noted.
iv)	The project proponent shall make financial provision in the total budget if the project for implementation of the above mentioned conditions and for suggested environmental safeguard measures. The funds earmarked for the environmental protection measures shall not be diverted for other purposes.	Agreed.
v)	Six monthly monitoring reports shall be submitted to the SEIAA, Chhattisgarh, Regional office, Ministry of Environment Forest and Climate change, Government of India, Bhopal and Chhattisgarh environment Conservation Board, Naya Raipur who shall be monitoring the implementation of environmental safeguards shall be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all the documents shall submit to State Level Environment Impact Assessment Authority, Chhattisgarh.	Six monthly EC Compliance Report is being submitted to SEIAA, Chhattisgarh, Regional office, Ministry of Environment Forest and Climate change, Government of India, and Chhattisgarh environment Conservation Board, Naya Raipur (C.G.).
vi)	The responsibility of implementation of environmental safeguards rests fully on the project proponent. Project proponent shall establish an environmental management cell under the supervision of senior executive, directly reporting to the head of organization.	We have established environmental cell who directly reports to the Unit head.
vii)	In the case of any change(s) in the scope of the project the project shall require a fresh appraisal by the SEIAA.	Noted.
viii)	The issuance of this letter does not convey any property rights in either real or personal property or any exclusive privileges nor does it authorize any injury to private property or any invasion of personal rights nor any infringement of central, state or local laws or regulations.	Agreed.

ix)	All other statutory clearances 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 proponent. Project proponent shall obtain all necessary statutory clearance /licenses/permissions from concerned central government/state government departments, Boards, Bodies and corporations etc. Project proponent shall follow direction issued by Central government/State Government, Central pollution Board/Chhattisgarh Environment Conservation Board from time to time regarding control of water & air pollution and for environmental conservation.	We have obtained CTE from CECB, Raipur Vide Letter No. 5703/TS/CECB/2018, Dated:- 16.10.2018.
x)	The State Level Environment Impact Assessment Authority, Chhattisgarh reserves the right to amend the above conditions and 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.	Agreed.
xi)	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project , one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environment clearance and copies of clearance letter are available with the Chhattisgarh Environment Conservation Board and may also seen at Website of the SEIAA, Chhattisgarh at www.seiaacg.org .	Advertised in two local newspapers: Dainik Bhaskar & Hari Bhumi widely circulated in the region around the project on 28.12.16 Copy of newspapers cutting enclosed as Annexure-7
xiii)	A copy of the clearance letter shall be sent by the proponent to concerned panchayat, zila parisad/ municipal corporation, urban local body and the local NGO, if any from whom suggestion / representation, if any, received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Copy of environment clearance letter has been sent to concerned panchayat, zila parisad/ municipal corporation, urban local body dated 28.12.2016 & 30.12.16. EC letter has been put on our web site:- www.shreecement.com
xiii)	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.	Noted.

Annexure-1

Ambient Air Quality Monitoring Report (Monthly Average Values) ($\mu\text{g}/\text{m}^3$)								
Location	Parameters	Norms	Monitoring Period					
			Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21
AAQMS-1 - Mines Boundary towards village Bharuwadih	PM10	100	34.18	37.88	34.94	27.05	36.17	26.36
	PM2.5	60	22.14	22.57	17.39	14.42	19.32	14.09
	SO2	80	13.31	16.24	4.91	4.28	4.23	4.21
	NO2	80	15.32	17.65	5.3	6.47	5.12	5.62





कार्यालय सहायक संचालक, नगर तथा ग्राम निवेश, बलौदाबाजार (B. N. T. S. O. F. T. A. S. T. A. N. T. I. O. N. O. R. , T. O. W. N. & C. O. U. N. T. R. Y. P. L. A. N. N. I. N. G. , B. A. L. O. D. A. B. A. Z. A. R.)

पता - संयुक्त जिला कार्यालय नयग, प्रथम तल, कक्षा क्र. 93
बलौदाबाजार, जिला बलौदाबाजार-भाटापारा (छ.ग.)
फोन नं - 07727-225224
ई-मेल - cgtownplan.balodabazar@gmail.com

Add. - Composite Dissu. Building, 1st Floor, I
Balodabazar, District- Balodabazar- Bhatapara
Phone Number- 07727
E-mail - cgtownplan.balodabazar@gmail.com

क्रमांक / नियम-17/एल-01/नमानि/2020.

बलौदाबाजार, दिनांक / / 2



प्रति,

श्री सयपुर सीमेंट प्लांट,
(ईकाई श्री सीमेंट लिमिटेड)
खपराडीह, तहसील सिमगा,
जिला बलौदाबाजार-भाटापारा (छ.ग.)
विषय :- विकास अनुज्ञा बाबत।
संदर्भ :- आपका आवेदन दिनांक 15.07.2020।

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उपरोक्त संदर्भित आवेदन पत्र में यथावर्णित भूमि आवेदक/संस्था श्री सयपुर सीमेंट प्लांट, (ईकाई श्री सीमेंट लिमिटेड), खपराडीह, तहसील सिमगा, जिला बलौदाबाजार-भाटापारा (छ.ग.) के ग्राम भरुवाडीह, प.ह.नं. 13, तहसील सिमगा, बलौदाबाजार-भाटापारा स्थित भूमि खसरा नं. 82/1, 82/2, 83, 91, 84/1, 84/4, 84/2, 84/3, 84/5, 84/6, 85, 114/1, 85/2, 114/2, 86/2/क, 94/1/ख, 86/2ख, 86/3, 88/2, 90/3, 87/2क, 87/2क/2, 87/2क, 87/2ख, 87/2ग, 87/2घ, 88/1, 132, 90/1, 90/4 + 93/2, 92, 94/1, 94/1क, 94/2, 90/2 + 93/1, (97/1, 97/12)/ग, 95/3, 126, 96, (97/11 + 97/15)/ख, (97/12 + 97/14)/ख/2, 97/5ज + 97/22, 97/2ख, 97/6, (97/3 + 97/4)/1, 97/10 + 97/18, (97/11 + 97/15)/क, 97/5 + 97/22/ग, 97/7 + 97/12क, 97/13क, (97/5 + 97/22)/ख, 97/8 + 97/20, 97/1 + 97/17, 97/2ख, 97/9क + 97/19, (97/1, 97/19)/क/1, 97/13क + 98/1, 97/13क/1, (97/9क + 97/19)/2, (97/12 + 97/14)/क, 97/16, (97/1, 97/19)/2, 116/2, 98/4, 112/17क, 115/1, 117, 125/2, 89, 87/4, 87/5, 95/1, 95/2, 95/4, 95/5, 116, 116/3 क्रमशः रकबा 0.370, 0.370, 0.178, 0.036, 0.105, 0.101, 0.097, 0.035, 0.036, 0.070, 0.217, 0.396, 0.216, 0.526, 405, 0.065, 0.202, 0.174, 0.134, 0.129, 0.047, 0.200, 0.243, 0.121, 0.332, 0.133, 0.134, 0.348, 0.607, 0.202, 0.020, 0.181, 0.288, 0.202, 0.324, 0.121, 0.190, 0.138, 0.198, 0.194, 0.603, 1.528, 0.272, 0.316, 0.284, 0.093, 0.506, 0.421, 0.291, 0.263, 0.526, 0.081, 0.133, 0.255, 0.328, 0.511, 0.137, 0.129, 0.384, 0.187, 0.099, 0.340, 0.579, 0.215, 0.077, 0.129, 0.963, 0.664, 0.462, 0.202, 0.162, 0.081, 0.587, 0.120 है। कुल खसरा 77 कुल रकबा 20.419 है। पर आवासीय (रिजिस्टर्ड) प्रयोजनार्थ विकास की क्रियान्वित करने की अनुज्ञा छ.ग. भूमि विकास नियम, 1984 के नियम 27 के तहत निम्नलिखित शर्तों के अधीन रहते हुए प्रदाय किया जाता है :-

- (अ) यदि छ.ग. भू-राजस्व संहिता, 1985 की धारा 172 के तहत भूमि का भू-व्यवर्तन कराना आवश्यक हो, तो संबंधित विभाग से व्यवर्तन कराया जावे।
(ब) छ.ग. नगर पालिक अधिनियम/छ.ग. ग्राम पंचायत अधिनियम के तहत कोई अनुमति/अनुज्ञा प्राप्त करना हो, तो ऐसी अनुमति प्राप्त करना पूर्णतः अनिवार्य होगा।
- साथ अनुज्ञा इस आधार पर दी जाती है कि आवेदित भूमि आवेदक/संस्था के पूर्ण स्वामित्व एवं आधिपत्य में है। स्वामित्व संबंधी विवाद के लिए आवेदक/संस्था स्वयं जिम्मेदार होगा। साक्षर तथ्य के संबंध में कोई जानकारी असत्य पाये जाने पर यह अनुज्ञा स्वयं निरस्त मानी जायेगी, जिसकी समस्त जवाबदारी आवेदक/संस्था की होगी।
- किसी भी स्थिति में विकास अनुज्ञा के विरुद्ध कोई विकास/निर्माण न किया जावे।
- कार्यालय कार्यपालन अभियंता, ग्रामीण विकास संभाग, छ.ग. ग्रामीण सड़क अधिकरण, जिला बलौदाबाजार-भाटापारा (छ.ग.) के पत्र क्रमांक 816/गविस/तक./2020, बलौदाबाजार, दिनांक 19.08.2020 के अनुसार आवेदित भूमि के सम्मुख मार्ग की चौड़ाई 24.00 मीटर है। अतः मार्ग मध्य से 12.00 मी. छोड़कर भूमि की सीमा रेखा मानी जावे।

5. सीमांकन में किसी भी प्रकार का परिवर्तन अथवा माप में परिवर्तन हो, तो सीमांकित मानचित्र/अनिवार्य इस कार्यालय से सत्यापित कराया जाना आवश्यक होगा।
6. भू-तल कवरेज एरिया मानचित्रानुसार होगा।
7. फर्शी क्षेत्र अनुपात 1.25 से अधिक नहीं होगा।
8. छ.ग. भूमि विकास नियम, 1984 के नियम 64 के प्रावधानों के अनुसार प्रति 100 वर्गमीटर में एक वृक्ष की दर वृक्षारोपण किया जाना अनिवार्य होगा।
9. भवन निर्माण की अनुमति संबंधित कार्यालय से प्राप्त करने के पश्चात ही भवन निर्माण कार्य किया जाना होगा।
10. छ.ग. भूमि विकास नियम, 1984 (संशोधन, 2000) के नियम 78 (4) के प्रावधान के अनुसार रैन वाटर हार्वेस्टिंग की व्यवस्था करना आवश्यक होगा।
11. मानचित्र में किसी भी प्रकार का परिवर्तन/संशोधन मान्य नहीं होगा।
12. शासन के निर्देशानुसार निर्माण कार्य हेतु 25 प्रतिशत प्ललाई ऐंश ब्रिक्स का प्रयोग किया जावे तथा निर्माण कार्य में प्ललाई ऐंश वेरड जैसे सीमेंट या कॉन्क्रीट प्ललाई ऐंश ब्रिक्स या ब्लॉक्स या टाईल्स या बले प्ललाई ऐंश ब्रिक्स ब्लॉक्स या टाईल्स या सीमेंट प्ललाई ऐंश ब्रिक्स या ब्लॉक्स का समान उत्पाद का उपयोग निर्माण कार्य में किय जावे।
13. इस अनुज्ञा का यह आशय नहीं है कि प्रशासकीय या अर्द्धशासकीय विभागों से प्राप्त की जाने वाली अनुमतियों से मुक्त है अर्थात् यदि किसी प्रकार की अनुमति प्राप्त करना हो, तो ऐसी अनिवार्यता इस अनुज्ञा से प्रभावित नहीं होगी।
14. निजी भूमि स्वामित्व के बाहर किसी भी प्रकार का अतिक्रमण न किया जावे।
15. भूमि स्वामी द्वारा शासकीय भूमि जैसे धरसा, सड़क, सार्वजनिक स्थल, खुला क्षेत्र, पार्क एवं निजी भूमि होने पर अतिक्रमण न किया जावे एवं अन्य उपयोग में नहीं लिया जावे। ऐसी स्थिति में विकास अनुज्ञा स्वयं निरस्त मानी जावेगी।
16. छ.ग. नगर तथा ग्राम निवेश (संशोधन) अधिनियम, 2010 की धारा-33 में विहित प्रावधानों के अनुसार यह अनुज्ञा स्वीकृति दिनांक से 01 वर्ष तक प्रभावशील रहेगी। निर्धारित कालावधि में विकास/निर्माण कार्य पूर्ण न होने पर इस अनुज्ञा को वर्षानुवर्ष विधिवानुसरा कराना होगा, जिसकी कुल अवधि प्रथम अनुज्ञा दिनांक से अधिकतम 06 पांच वर्षों तक हो सकेगी।
17. जनापति/न्यायालयीन विवाद की स्थिति में यह अनुज्ञा स्वयं निरस्त मानी जावेगी।
18. इसे किसी भी दशा में भू-स्वामित्व अभिलेख न माना जावे।
19. पूर्व में आवेदित भूमि पर किसी आवेदकारी का स्वामित्व पाये जाने एवं भू-राजस्व संहिता, 1959 की धारा 165(6) का उल्लंघन पाये जाने पर यह अनुज्ञा स्वयं निरस्त मानी जावेगी।
20. 1. भूखण्ड में किसी भी प्रकार के भवन निर्माण/पुनर्निर्माण/भवन को गिराने के दौरान पर्यावरण संरक्षण एवं जनसुरक्षा तथा स्वास्थ्य के दृष्टिकोण से प्रदूषण की रोकथाम हेतु निर्माणार्थी भवन के चारों ओर धूल अवरोधक लगाया जाना आवश्यक होगा। जिसमें निम्नलिखित सम्मिलित होगी - स्थल की आवश्यकता अनुसार कसौज
2. भूमि स्वामी द्वारा अपने उत्तर दायित्वों अथवा कर्तव्यों का पालन नहीं किये जाने की दशा में छत्तीसगढ़ भूमि विकास नियम 1984 के नियम 31 (3) के अनुसार कार्यवाही की जावेगी।
21. यह अनुज्ञा राजस्व विभाग के सीमांकन प्रतिवेदन, आवेदक/संस्था के द्वारा प्रस्तुत प्रशासकीय भूमि की स्थिति को बतलाये अनुसार स्थल निरीक्षण एवं राजस्व निरीक्षक का चौहदवी रिपोर्ट के आधार पर दी जा रही है। किसी भी प्रकार की भिन्नता पाये जाने पर आवेदक/संस्था स्वयं जिम्मेदार होगा। उसके लिए इस विभाग की कोई जवाबदारी नहीं होगी तथा प्रदाय की गई विकास अनुज्ञा स्वयं निरस्त मानी जावेगी।
22. आवासीय परिसर/टाऊनशीप/उद्योग/व्यावसायिक कामप्लेक्स इत्यादि में उक्त परिसर से उत्पन्न होने वाले दूषित जल संचार हेतु शीतरेज ट्रीटमेंट प्लांट (STP) की स्थापना एवं नियमानुसार पर्यावरण संरक्षण मंडल से अनुमति प्राप्त किया जाना आवश्यक होगा।
23. छ.ग. शासन/संचालनालय/इस कार्यालय द्वारा समय-समय पर जारी आदेशों/निर्देशों का पालन करना आवेदक/संस्था के लिए बाध्यकारी होगा।

24. छ.ग. भूमि विकास नियम, 1984 के नियम (ख) के अनुसार तथा शासन/संचालनालय नगर तथा ग्राम निवे के द्वारा जारी दिशा निर्देशों के अनुसार सौर ऊर्जा का स्थापना करना अनिवार्य है।
25. खनिज अधिनियम/नियम के समस्त नियमों का पालन करते हुए निर्माण कार्य किया जावे।
26. राज्य स्तर पर्यावरण समादात निर्धारण प्राधिकरण (छ.ग.) भारत सरकार, पर्यावरण वन एवं जलवायु परिवर्त मंत्रालय के पत्र क्रमांक/1218/एस.ई.आई.ए.ए.छ.ग./रेंसिडेंसियल प्रोजेक्ट/ब.रा./2147, नया रायपुर, दिना 22.12.2016 का पालन सुनिश्चित करना अनिवार्य होगा।
27. भारत सरकार, श्रम एवं रोजगार मंत्रालय, खान सुरक्षा महानिदेशालय, बिलासपुर क्षेत्र, बहतराई रोड, बिलासपुर छ.ग. के पत्र क्रमांक 1254, बिलासपुर, दिनांक 27.05.2020 के अनुसार जोन क्रमांक 03 एवं 04, जो कि डेज जोन के अंतर्गत है। अतः स्टाफ क्वार्टर एवं जोन क्रमांक 03 एवं 04 के माध्य 300 मी. तक किसी प्रकार व उत्खनन या अन्य कार्य पूर्णतः प्रतिबंधित रहेगी।
28. अनुज्ञा की शर्तों का उल्लंघन होने अथवा किसी असत्य जानकारी अथवा भू-स्वामित्व के विवाद की स्थिति इस भूमि पर प्रदत्त विकास अनुज्ञा छ.ग. भूमि विकास नियम, 1984 के नियम 26 के तहत प्रतिसंहत की र सकेगी।

संलग्न :- मानचित्र 01 प्रति।

सहायक संचालक
नगर तथा ग्राम निवेश
बलौदाबाजार (छ.ग.)

पृ. क्रमांक 1165/नियम-17/एल-01/नग्रानि/2020,
प्रतिलिपि :-

बलौदाबाजार, दिनांक 07/10/2020

1. संचालक, नगर तथा ग्राम निवेश, (छ.ग.), नवा रायपुर अदल नगर की ओर कृपया सूचनार्थ।
2. अनुविभागीय अधिकारी (रा.) सिमगा, जिला बलौदाबाजार-भाटापारा (छ.ग.) की ओर कृपया सूचनार्थ।
3. कार्यपालन अभियंता, छ.ग. राज्य विद्युत मंडल, ~~भाटापारा~~ जिला बलौदाबाजार-भाटापारा (छ.ग.) की ओर कृपया सूचनार्थ।
4. जिला पंजीयक, जिला बलौदाबाजार-भाटापारा (छ.ग.) की ओर कृपया सूचनार्थ।
5. सस्पेंड, ग्राम पंचायत, भरुवाडीह, जिला बलौदाबाजार-भाटापारा (छ.ग.) की ओर कृपया सूचनार्थ।

सहायक संचालक
नगर तथा ग्राम निवेश
बलौदाबाजार (छ.ग.)

Annexure-3

SRCP Colony STP Water Quality Report (mg/l)							
Parameters	Norms (mg/l)	Monitoring Period					
		Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21
pH	5.5-9.0	Not monitored due to COVID-19		7.62	8.3	8.2	8.6
BOD	30			8.0	10	8.0	10
COD	250			56	70	56	62
Oil and Grease	10			<2	<2	<2	<2
Total Suspended Solids	100			35	26	30	37
Fecal coliform (FC)	MPN/100 ml			<100	<100	<100	<100

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Albin

**SRCP Colony Shree Raipur Cement Plant
(A Unit of Shree Cement Ltd)**

Ambient Noise level at Colony Boundary

Prescribed Limit - Day Time - 55 dB(A), Night Time - 45 dB(A)

S.No.	Location →	Near Colony main gate		Near Pump house		Near C1 type Building	
	Month ↓	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
1	Apr-21	48	39	46	34	44	33
2	May-21	43	35	44	32	42	30
3	Jun-21	46	40	45	33	41	30
4	Jul-21	49	37	47	34	45	32
5	Aug-21	45	34	45	31	43	34
6	Sep-21	47	36	43	30	42	31

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M. M. M.

Annexure-5

GROUND WATER LEVEL MONITORING REPORT (April-2021 to September-2021)							
S.No.	Locations /Month	Piezometer- 1 AWLR- Near Old Mines Gate Level (M)	Piezometer- 2 AWLR- Near Khapradih Gate (M)	Piezometer- 3 AWLR- Near AAQMS-2 (Semradih Village) (M)	Piezometer- 4 AWLR- Near AAQMS 3 (M)	Piezometer- 5 AWLR- Near Crusher -1 (M)	Piezometer- 6 AWLR- Near AAQMS-4 (Khapradih Village) (M)
1	Apr-21	12.76	17.52	15.05	7.1	13.07	36.72
2	May-21	14.92	18.22	16.87	6.73	15.56	29.2
3	Jun-21	13.24	18.33	15.59	7.19	14.23	28.32
4	Jul-21	6.63	11.36	11.43	7.52	11.82	24.56
5	Aug-21	3.74	7.98	8.99	6.83	7.42	17.44
6	Sep-21	4.74	9.34	7.56	6.13	7.92	16.85



Annexure-6

Ground Water Quality Monitoring Report (June, 2021)					
S No.	Parameters	Unit	Permissible Limit	Locations	
				Mines pit	Bharuadih Village
1	pH	-	No relaxation	8.07	7.14
2	Turbidity	NTU	5	1.03	2.20
3	Alkalinity	mg/lit	600	102	252
4	Total Hardness as CaCO ₃	mg/lit	600	246	224
5	Chlorides as Cl	mg/lit	1000	37.98	12.99
6	TDS	mg/lit	2000	497	310
7	Nitrate as NO ₃	mg/lit	No relaxation	8.99	8.17
8	Calcium as Ca	mg/lit	200	93.46	35.27
9	Magnesium as Mg	mg/lit	100	28.18	37.91
10	Sulphates as SO ₄	mg/lit	400	17.39	10.99
11	Iron as Fe	mg/lit	No relaxation	<0.05	<0.05
12	Fluoride as F	mg/lit	1.5	<0.10	<0.10
13	Copper as Cu	mg/lit	1.5	<0.03	<0.03
14	Manganese as Mn	mg/lit	0.3	<0.20	<0.20
15	Free Residual Chlorine	mg/lit	1	<0.01	<0.01
16	Zinc as Zn	mg/lit	15	<0.05	<0.05
17	Mineral Oil	mg/lit	No relaxation	<2.00	<2.00
18	Phenolic compound	mg/lit	0.002	<0.0001	<0.0001
19	Ammonia (as total ammonia-N)	mg/lit	No relaxation	<0.05	<0.05
20	Anionic detergents (as MBAS)	mg/lit	1.0	<0.01	<0.01
21	Barium as Ba	mg/lit	No relaxation	<1.00	<1.00
22	Boron as B	mg/lit	1.0	<0.10	<0.10
23	Chloramines (as Cl ₂)	mg/lit	No relaxation	<1.00	<1.00
24	Sulphide as H ₂ S	mg/lit	No relaxation	<0.10	<0.10
25	Selenium as Se	mg/lit	No relaxation	<0.05	<0.05
26	Fecal Coliform	MPN/100ml	Absent	Absent	Absent
27	E. Coli	MPN/100ml	Absent	Absent	Absent



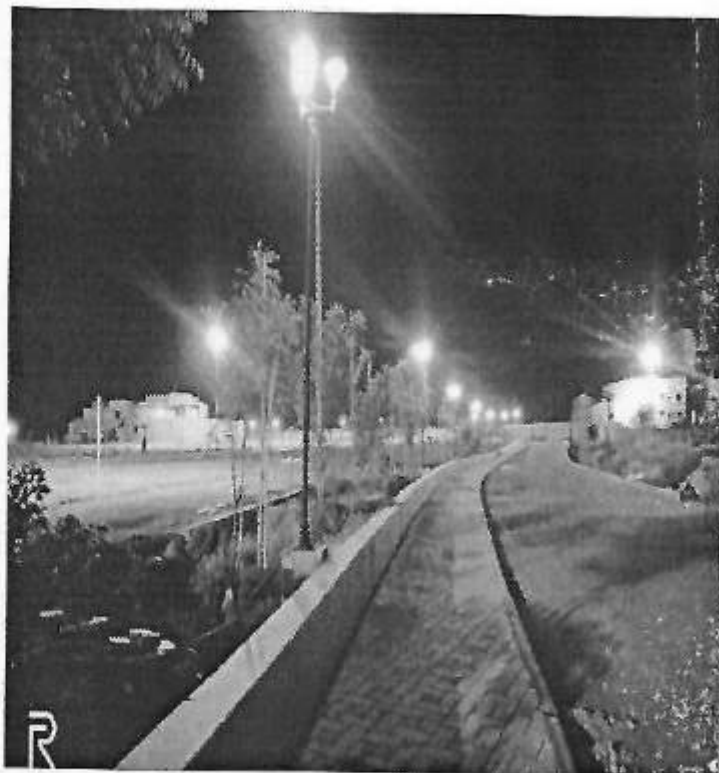


Photo no. 1 LED lights at colony street lighting, garden, public place and houses.



Photo no. 2 Colony plantation along the side of the roads and open spaces

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Photo no. - 3 Rain Water harvesting pond at Colony, Capacity - 20,000 KL

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