

Project: "Wavemall, G S Malls Pvt. Ltd (Mall and Multiplex)",
Channi Rama, Opposite Bathindi road Jammu (J & K)
Half Yearly Compliance Report

**Wave Mall,
G.S.Malls Pvt Ltd.(Mall And Multiplex)
At Channi Rama Opposite bathindi Road,
Six Months Environmental Compliance Report of Stipulated Conditions of Environmental Clearance (July
23 to December 2023)
Jammu (Jammu & Kashmir)**

**For Submission to:
Ministry of Environment, Forest & Climate Change
(MoEFCC)**

**Submitted By:
G.S.Malls Pvt Ltd.**

December 2023

PART-II &PART-III
DESCRIPTIVE REPORT ON STATUS OF COMPLIANCE TO CONDITIONS OF ENVIRONMENTAL CLEARANCE
(EC) &ENVIRONMENTAL MANAGEMENT
SEIAA/MS2014/09/408-12, Dated 12.04.2014

M/s G.S, Malls Pvt. Ltd.was granted EC forG. S. Mall Pvt. Ltd. under the name & style of M/s G.S. Malls Pvt. Ltd., Channi Rama Opposite Bathindi Road, Jammu, Jammu & Kashmir, The compliance status of the Environmental conditions is given below:

Specific Conditions:

	S.No.		Environmental Conditions	Compliance Status
Construction Phase	A.1	WATER:	i) Water requirement shall be met through local water tanker suppliers or existing tube well permission from the ground water abstraction. ii) Sewage generated during the construction shall be discharged into the soak pit through septic tank abstraction.	Done
	A.1.2	AIR:	i) Peripheral barricading shall be done to prevent dust emission spreading outside the project premises. ii) Water sprinkling shall be done in vulnerable areas for controlling fugitive emission, iii) The roads inside the project area and roads connected to the main toad shall be fully macadamized to avoid the fugitive emissions, iv) The ambient air quality shall be monitored in and around the project area regularly. v) The construction materials and debris shall be properly stored and handled to avoid negative impacts such as air pollution and public nuisances by blocking the roads and public passages,	Done
	A.1.3	SAFETY:	i) Structural design of the project shall strictly adhere to the seismic zone norms for earthquake resistant structures as J&K falls in seismic zone. ii) First Aid Box shall be made readily available in adecuate quantity at all the time	Done

	A.1.4	NOISE: i) The overall noise level in and around the project area shall be kept well within the prescribed standards by providing noise control measures including acoustic insulation, hoods, silencers, enclosures vibration dampers, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under the Environment (Protection) Act & Rules. ii) The noise generating equipments, machinery and vehicles shall not be operated during the night hours and shall be maintained properly to avoid generation of high noise due to lack of wear and tear. iii) Use of diesel generate sets shall be strictly with acoustic enclosure and shall confirm to EPA Rules for air and noise emission standards.	Done
Other Conditions:	A.2	x) The safe disposal of waste water and solid wastes generated shall be ensured. y) NBC norms shall be strictly adhered to. z) The children play area shall be kept at least 6 inch elevated from the ground/road level so as to desist entry of vehicle in the said area. aa) Barricade of adequate shall be re-used in filling and resurfacing of the area and recyclable scrap shall be sold to vendors. bb) All topsoil excavated during construction activity be used in horticultural/landscape development within the project site. vi) The debris generated during the construction work, though partially used shall be fully re-used in filling and resurfacing the area and recyclable scrap shall be sold to vendors. vii) Project proponent shall ensure use of eco-friendly building materials and ready mix concrete (RMC) in the project, whenever further material is required to be used. viii) Necessary sanitary, hygiene and first aid measures shall be provided during the construction activities and to be maintained throughout the construction phase. ix) Adequate accommodation, drinking water, sanitary facilities, first aid centre, utensils and cooking fuel shall be provided for	Done

			<p>construction workers at the site.</p> <p>x) Adequate care shall be taken to see that the surrounding landscape at the project site is not environmentally degraded.</p> <p>xi) Used cement bags, waste paper and cardboard packing material shall be sold off to recyclers. Residual steel scrap shall be collected at site and sold to recyclers.</p> <p>xii) Only lead free paints shall be used in the project.</p>	
Operation Phase:	A.3			
	A.3.1	WATER:	<p>i) During operation phase, total water requirement shall be 316 KL/day out of which flushing and horticultural requirement of 77 KL/day shall be met through treated sewage whereas fresh water requirement of 239 KL/day shall be met through water supply system. However, existing tube well may be used until water supply from the PHE is availed. Prior permission from CGWA shall be obtained for ground water abstraction during the operation phase.</p> <p>ii) Low water consuming devices shall be provided. Fixture for showers, toilet, flushing and drinking shall be of low flow either by use of aerators/ diffusers or pressure reducing devices, etc.</p> <p>iii) Sewage generation during the operation phase shall be 125 KL/day and it shall be treated in the STP. Treated sewage conforming to the JKSPCB norms shall be reused for flushing and plantation/ gardening purpose within the premises as far as possible. The surplus treated sewage quantity conforming to the JKPCB norms shall be discharged into underground drainage line of the UEED or drainage connection got from the UEED.</p> <p>iv) Dual plumbing system with separate tank and lines shall be provided for utilization of treated sewage for flushing.</p> <p>v) The STP shall be operated regularly and efficiently so as to achieve the JKSPCB norms at the STP outlet.</p> <p>vi) A proper logbook of STP operation and also showing</p>	<p>i) water requirement through the local water tanker and existing tubewell. permission from CGWA dt:-07.02.2014 is enclosed</p> <p>Average water Detail :-</p> <p>Water received from Tankers/Bore well = 70KLD</p> <p>Water consumed in washroom = 21 KLD</p> <p>Water consumed in Kitchen = 24 KLD</p> <p>Rest of the water consumed in cooling towers, Cleaning & RO</p> <p>ii) water savings with prismatic taps, Urinals, toilets , flushing & drinking flow attached with electronics sensors for low water consumption.</p> <p>iii) Average 45 KLD treated water in STP confirming the JKPCB norms and reused the water for flushing, plantation and gardening purposes within the premises and there is no surplus treated sewage quantity</p> <p>iv) Yes and followed the system.</p> <p>v) Yes, STP is operated regularly and efficiently as per JKPCB norms. Inflow and outflow digital meters are installed as per JKPCB norms.</p> <p>vi) Logbook of STP showing the quantity of treated sewage</p>

			<p>the quantity of treated sewage reuse and discharge shall be maintained and furnished to the JKSPCB from time to time.</p> <p>vii) Rain water harvesting from rooftop and paved areas and ground water recharge through 4 nos. of percolation wells shall be carried out as per the details submitted. Before recharging the runoff, pre-treatment must be done to remove suspended matter.</p>	<p>release and discharge as per JKPCB norms</p> <p>vii) Four nos. of water harvesting wells recharge ground water during raining & there is provision for cleaning rain water harvesting pits and being cleaned regularly.</p>
	A.3.2	AIR:	<p>i) Additional D.G sets, if any provided in future as backup power shall also be of enclosed type and conform to prescribed standards under the EP Rules. Necessary acoustic enclosures shall be provided at Diesel Generated Sets to mitigate the impact of noise.</p> <p>ii) The stack height of the D.G set shall be equal to the height needed for combined capacity of all the D.G sets.</p> <p>iii) The gaseous emissions from the D.G sets shall conform to the standards prescribed by JKSPCB. At no time, the emission levels shall go beyond the stipulated standards.</p>	<p>i) Acoustic enclosures are installed in DG rooms and mitigates the impact of noise.</p> <p>ii) The stack Height of each DG set is 46.5 meters and 6.5 meters above the building.</p> <p>iii) Complying strictly and testing reports are enclosed.</p>
	A.3.3	SOLID WASTE:	<p>i) The solid waste generated shall be properly collected and segregated at source. The recyclable material shall be sold to vendors whereas other garbage shall be disposed off properly through Jammu Municipal Corporation.</p> <p>ii) Used oil shall be sold only to the registered recyclers.</p> <p>iii) The project must strictly comply with the rules and regulations with regard to handling and disposal of hazardous waste in accordance with the hazardous waste (Management, Handling, and Trans boundary) Rules 2008. Authorization from the JKPCB must be obtained for collection/ treatment/ storage/ disposal of hazardous wastes.</p>	<p>i) There is a separate room for collection and segregation for municipal solid waste and segregated material given to vendor</p> <p>ii) Used oil is given to JKPCB registered vendor (Khajuria industry)</p> <p>iii) Hazardous waste and E-waste is given to JKPCB registered vendor</p>
	A.3.4	SAFETY:	<p>i) The planning, design and construction of all buildings shall be such as to ensure safety from fire.</p> <p>ii) The requirements for fire and life safety shall be fulfilled in the project as per the local by-laws and the NBC wherever</p> <p>iii) Fire fighting facilities like static fire water tank of 200 KL capacity, fire alarm call point with siren/ buzzer at each</p>	<p>i), ii) and iii) All advance safety equipments of fire are installed in the building and annually inspected by Fire and emergency services as per local by-Laws. The NOC from fire department is enclosed.</p>

floor, fire extinguishers (CO2 type of 06 Kg each, 08 Nos. on each floor and one ABC type of 06 Kg) on each floor, 08 nOs. in each floor, automatic sprinkler system in all floors per 3 mt.diacentre to centre of area, fire indication panel at basement shall be provided.

iv) Adequate provision shall be made to ensure that water from the Fire Water Tank shall not be used for any other purpose.

v) Compulsory training to the staff for the first aid and fire fighting along with regular mock drill shall be made as an integral part of the emergency management plan of the project.

vi) Dedicated power back up system shall be provided in the case of power failure and emergency of fire water pumps.

vii) Easily assessable First Aid Boxes shall be made readily available in adequate quantity at all the times in each floor.

viii) Main entry and exit shall be separate and clearly marked in the facility.

ix) Necessary emergency lighting system along with emergency power back up system shall be provided. Further necessary auto glow signage at all appropriate places shall be provided to guide the people towards exits and assembly points during emergency.

x) All the staircases and lifts shall open out at ground level from the highest point of building (with access from each floor) for emergency evacuation. Escalators provided in the building shall remain operational during business hours of the Mall.

xi) Provision for adequate air changes per hour in the assessment shall be made so as to avoid build up of CO in the area.

xii) Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency

iv) Separate tank for water underground and overhead of the capacity of 200KL reserved for fire fighting system.

v) Regularly conducting the training for fire fighting along with the mock drill with Govt. security agencies, reports are enclosed.

vi) 4 No. of DG sets of 1010KVA, 2 Ups of 80KVA installed for power backup and also we have a fire diesel engine, which always ready on auto mode and working in electric power failure.

viii) yes, it is separated and clearly marked.

ix) 4 No. of DG sets of 1010KVA, 2 Ups of 80KVA installed for power backup and also glow signages are at appropriate places to guide the people towards exits & assembly point during emergency.

x) Yes, always remain operational during the business hrs of Mall.

xi) Adequate Ventilation fans in all the floors including the basements are installed.

xii) Yes

			vehicle around the premises.	
	A.3.5	NOISE:	<p>i) The acoustic enclosures shall be installed at all noise generating equipments such as DG set etc. to mitigate the impact of noise.</p> <p>ii) The overall noise level in and around the project area shall be kept well within the prescribed standards by providing noise control measures including acoustic insulation, hoods, silencers, enclosures, vibration dampers, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under the Environment (Protection) Act and Rules.</p> <p>iii) Spaces in the project shall not be rented and for noise or nuisance generating activities to ensure maintenance of serene atmosphere in the premises.</p>	<p>i) Yes</p> <p>ii) yes</p> <p>iii) yes The testing reports of noise are attached.</p>
	A.3.6	PARKING/TRAFFIC CONGESTION:	<p>i) Minimum 19871 Sq.mtr. area in 03 basements for 567 vehicles and open of 98 vehicles in the premises.</p> <p>ii) The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.</p> <p>iii) Traffic congestion near the entry and exit points from the roads adjoining the project site shall be avoided.</p> <p>iv) No public space including the service road shall be used or blocked for the parking.</p>	<p>i) & ii) Parking Basement 1. 6930.84 sqm = 198 ECS Parking Basement 2. 6930.84 sqm = 198 ECS Parking Basement 3. 6011.73 sqm = 171 ECS surface parking inside the premises 2471.38/25sqmtr=98 ECS</p> <p>Total Parking = 665 ECS</p> <p>iii) Yes avoided</p> <p>iv) No Public space is being utilised including service road for parking.</p>
	A.3.7	ENERGY CONSERVATION:	<p>i) Various energy conservation measures viz. use of efficient lamps, luminaries & control devices, installation of time switches, use of light colors for walls and ceiling, use of building materials having lower U-value & insulating material having higher R-value, etc shall implemented as proposed.</p> <p>ii) The project proponent shall install energy efficient devices, appliances, motors and pumps conforming to the Bureau of Energy Efficient norms.</p>	<p>i) To conserve electricity, we have changed CFL to LED lights</p> <p>ii) Yes, Energy efficient devices are applied, motors and pumps installed as per Bureau of Energy Efficient norms.</p>

			iii) The transformers and motors shall have minimum efficiency of 85%. iv) Only variable frequency motor drives shall be used in the project. v) Solar street lights shall be provided in open sunlit areas. vi) Use of glass shall be minimal to reduce the heat island effect as well as reduce the electricity consumption	iii) Yes, already implemented. iv) Yes, VFDs are installed in HVAC system, Lifts and escalators. v) A few Lights are installed and we are planning for its next phase. vi) yes
	A.3.8	GREEN BELT:	i) Green area shall be developed in minimum 1417 sq. mtr. including tree covered area and lawn covered area. ii) The area earmarked as green area shall be used only for green belt and shall not be altered for any other purpose. iii) Drip irrigation/low volume, low angle sprinkler system shall be used for the lawns and other green area including tree plantation.	i) Green area developed East side, north side and west side of our Mall with in our premises more than 1500 sqm and more than 1000 sqm green area maintained at outside infront of our Mall ii) Yes, shall remains as green belt only. iii) yes

Other Conditions:

S.NO.	ENVIRONMENTAL CONDITION	COMPLIANCE STATUS
i	All the statutory clearances such as the approvals for storage of diesel from PESO, Fire Department, Airports Authority of India, CGWA, etc. if applicable, shall be obtained by the project proponent from the competent authorities	PESO, Fire department, CGWA, JKPCB Consents are enclosed.
ii	The project proponent shall strictly comply with the JK Building and other Construction Workers Act and Rules as well as JK lifts and Escalators Rules.	Permission from jammu munciple corporation enclosed. Jk Lift and Escalator licenses are enclosed.
iii	The project proponent shall ensure maximum employment to the local people.	The certificate of Local/non local manpower is issued by Genral Manager enclosed.
iv	The Project Management shall also comply with all the environment protection measures, risk mitigation measures and safeguards proposed by them.	Assure to comply

v	The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of the environmental protection and management	Assure to comply
vi	No further expansion or modifications in the project likely to cause environmental impacts shall be carried out without obtaining prior environmental clearance from the concerned authority.	Assure to comply
vii	The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as JKSPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be divided for any other purpose	Assure to comply
viii	The applicant shall inform the public that the project has been accorded prospective environmental clearance by the SEIAA and that the copies of the clearance letter are available with the JKSPCB and may also be seen at the website of SEIAA/SEAC/JKSPCB. This shall be advertised within seven days from the date of clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Hindi language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry	The copies of two local news paper regarding environmental clearance dt: 24.04.2014 already submitted to your office.
ix	It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated environment clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1 st June and 1 st December of each Calendar year.	Assure to comply
x	The project authorities shall also adhere to the stipulations made by the JKSPCB.	Assure to comply
xi	The project authorities shall inform the JKSPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of	Financial year start from 1st of April and ended on 31st of March. Date of operation is 01 May 2014.

	operation of the project.	
xii	The SEIAA may revoke or suspend the clearance without notice, if implementation of any of the above conditions is not found satisfactory	Agreed
xiii	The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, The Environment (Protection) Act, 1986 and Hazardous Wastes (Management, Handling and Trans boundary) Rules, 2008 along with other amendments and rules.	We hereby assure your good self that we will comply/ implement all the conditions/ suggestions laid down by your department and SEIAA from time to time.
xiv	This environmental clearance s subject to the outcome to this office letter no. SEIAA/MS/14/407 Dt. 11.04.2014 addressed to Secretary to Government Forest Department for action under OMdt. 12.12 2012,	Agreed
xv	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	Agreed