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Kalina Santacruz East, Mumbai 98
Tel: +91 2652 7047/48
Website: www.karmvirgroup.in
CIN-U70102MH2010PTC206363

KARMVIR INTELLIGENT INFRA PRIVATE LIMITED

16.06.2023

To,
The Director
Regional Office (West Central Zone),
Ministry of Environment, Forest and Climate Change,
Ground Floor, East wing,
New Secretariat Building, Civil lane, Nagpur-440001

Subject: Half-yearly Compliance Report:
October 2022 to March 2023

Project M/s. Karmvir Intelligent Infra Pvt. Ltd.
Proposed Hotel Building & Commercial building "Sky City"
at plot bearing CTS no. 1405(pt) Village Marol and CTS no.
1(pt) Village Bapnala, Near Hotel Ambassador, Marol,
Andheri (East), Mumbai-400099.

EC No. SIA/MH/MIS/289260/2022 dated on 09.01.2023

Dear Sir,

We are submitting a half-yearly Compliance Report (hard & soft copy) in respect of the stipulated terms and conditions of 'Prior Environmental Clearance' as specified in 'Environment Clearance' Notification Clause No. 10 (ii).

Thanking you,
Yours faithfully,

KARMVIR INTELLIGENT INFRA PRIVATE LIMITED

AUTHORISED SIGNATORY

For Karmvir Intelligent Infra Pvt. Ltd

Project Proponent

Enclosure: A hard copy of the compliance and monitoring report
CC copy to:
1. Regional officer, Maharashtra Pollution Control Board,
R.O. Mumbai, at Sion, Mumbai
2. Member Secretary, Maharashtra Pollution Control Board,
Sion, Mumbai
3. Member Secretary, State Environmental Impact
Assessment Authority, Govt. of Maharashtra, Mumbai

Site address: Plot bearing CTS No. 1405(pt) Village Marol and CTS No
1(pt)Village Bapnala, Near Hotel Ambassador, Marol,
Andheri (East), Mumbai-400099

**Karmvir Intelligent Infra
Pvt. Ltd.**

**Environmental Clearance
Compliance Report**

October 2022 to March 2023

**M/s Karmvir Intelligent Infra Private Limited
Proposed Hotel Building & Commercial building "Sky
City"**

At

Plot bearing CTS no. 1405(pt) Village Marol and CTS no. 1(pt) Village Bapnala, Near Hotel
Ambassador, Marol, Andheri (East), Mumbai-400099

**(Environmental Clearance No. EC23B038MH151837, File No.
SIA/MH/MIS/289260/2022 dated on 09.01.2023)**

CONSULTANT



Mahabal Enviro Engineers Pvt. Ltd.

Engineers, Consultants, Environmental Monitoring Laboratory & Contractors

F-7, Road 21, MIDC Wagle Estate, Thane-400604. Phone:022-25823154 thane@mahabal.com

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COMPLIANCE STATUS OF EC CONDITIONS
Conditions of Environmental Clearance No. EC22B038MH151837, File No. -
SIA/MH/MIS/289260/2022 dated on 09.01.2023

No	Condition	Compliance	☑	P
	<u>Specific Conditions</u>			
A.	<u>SEAC Conditions</u>			
(i)	PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.	We have received sanction plan file no. TCP(P-2)/MIAL/CC-3.42/IU/333/2022 from MMRDA on 8th April, 2022		
(ii)	PP to obtain following NOCs & remarks: a) Water Supply; b) Sewer connection; c) SWD remarks; d) Tree NOC; e) revised Civil Aviation NOC.	We have HE remark, SWD remark and Tree NOC. We have applied for sewer connection NOC acknowledgment for the same received dt. 22.11.2022		
(iii)	PP to submit certified six-monthly compliance report of earlier EC from Regional office, MoEF&CC, Nagpur	PP agrees with the condition		
B.	<u>SEIAA Conditions</u>			
(i)	PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.	PP agrees with the condition.		
(ii)	PP to achieve at least 5% of total energy requirement from solar/other renewable sources.	PP will achieve 5% of total energy requirement from solar/other renewable sources.		
(iii)	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.	PP comply with the condition		
(iv)	SEIAA after deliberation decided to grant EC for- FSI- 16,070.43 m ² , Non FSI-9,155.38 m ² , Total BUA- 25,225.05 m ² . (Plan approval No. TCP(P-2)/MIAL/CC-3.42/IU/333/2022, dated- 08.04.2022).	Noted		
	General Conditions:			
a)	Construction phase:			

No	Condition	Compliance	☑	P
(i)	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sited for land filling after recovering recyclable material.	The waste generated from the labour camp is mostly household waste which is disposed into the municipal bins.		
(ii)	Disposal of muck, construction spoils, including bituminous material during construction phases should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in the approved sites with the approval of competent authorities.	Re-utilization & recycling strategy for construction debris has been followed. Recycled aggregate will be sold to the recycler dealer. The construction waste is disposed as per MIDC, Airoli guidelines by paying the royalty. All safety precautions have been taken by the PP. The safety nets, safety equipment's to the workers, barricading to plot boundary, water spraying at source of dust (twice in a day) and noise pollution mitigation measures are taken.		
(iii)	Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	No hazardous waste generated during construction. If any, it will be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board		
(iv)	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	PP will provide separate water supply & sanitary facilities to the workers. 5 no. of toilets will be provided at the construction site.		
(v)	Arrangement shall be made that waste water and storm water do not get mixed.	The storm water drains and sewer lines will be separately provided on site. This arrangement shall ensure that storm water and sewage will not get mixed.		
(vi)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.	PP shall be using pre-mixed concrete, curing agents and other best practices in NBC to reduce water demand during construction phase.		
(vii)	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	Noted.		
(viii)	Permission to draw ground water for construction of basement if any, shall be obtained from the competent Authority prior to construction/operation of the project.	No ground water will be utilized. During construction and operation phase.		
(ix)	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.	Low-flow Fixtures for showers, toilet flushing and drinking will be provided		
(x)	The Energy Conservation Building code shall be strictly adhered to.	PP will adhere to The Energy Conservation Building code		

No	Condition	Compliance	☑	P
		For energy conservation PP will use: <ul style="list-style-type: none"> • LED lamps. • BEE 3 star rated lamps and fittings. • Energy sufficient pumps and motors. • Solar panel 		
(xi)	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	All the topsoil excavated during the construction activities will be used as Horticulture and Landscape Development.		
(xii)	Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	The excavated soil will be used for backfilling and landscape development.		
(xiii)	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	The Soil and groundwater quality is regularly monitored by MOEF&CC accredited lab		
(xiv)	PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Area Protection and Preservation of Trees Act, 1975 as amended during the validity Environment Clearance.	PP will comply with the condition.		

(xv)	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	PP will comply with the condition.		
(xvi)	Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.	Vehicles with PUC will be hired for bringing construction material to the site and are checked for PUC at main gate.		
(xvii)	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.	Available Noise Monitoring results for the month of October 2022 to March 2023 are attached.		
(xviii)	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	DG set of 2 x 625 & 1 X 400 will be provided on-site. DG set is provided at the construction site with enclosed type and uses diesel as a fuel.		
(xix)	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell /designated person.	Supervisors trained in Environmental Management measures are present onsite and they are responsible for the onsite Environmental Management Plan.		

No	Condition	Compliance	☐	P
B)	Operation Phase:-			
(i)	a) The solid waste generated should be properly collected and segregated. b) Wet waste should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	Solid waste will be collected and segregated at the source. The wet waste will be treated in OWC & dry waste will be sent to the authorized party		
(ii)	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	E-waste generated will be disposed through authorized vendor as per E-Waste (Management and Handling) Rules, 2016.		
(iii)	a) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odor problem from STP. b) PP to give 100% treatment to sewage /liquid waste and explore the possibility to recycle at least 50% of water, Local authority should ensure this.	PP has signed a Lease Deed with MIAL. Sewage water generated will be treated in MIAL STP. SBR based technology with RO System is proposed for this zone. The treated water shall be supplied from the recycled water supply network from STP to individual plots.		

No	Condition	Compliance	☐	P
(iv)	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement.	Occupation will only be allotted after completion and commissioning of STP, MSW disposal facility and green belt development.		
(v)	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	Noted.		
(vi)	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Entry & exit to the proposed project is located in such a way that it won't affect traffic on the adjoining roads. Also, sufficient parking is provided.		
(vii)	PP to provide adequate electric charging points for electric vehicles (EVs).	PP agrees with the condition		
(viii)	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	Approximately 710.24 m ² , of the landscape area will be developed within the project site. Tree plantation along the plot boundary will be as per CPCB guidelines.		
(ix)	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	PP make the provision for environment management cell with qualified staff for the implementation of the stipulated environmental safeguards.		

No	Condition	Compliance	☐	P
(x)	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. This cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes.	PP has allotted separate funds for environmental protection measures / EMP and are provided as per planned requirement.		
(xi)	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at parivesh.nic.in			
(xii)	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.	PP will be submitted the six- monthly monitoring reports to the department of MPCB Regional Office, MoEF, Nagpur and Env. Dept. Mumbai. Previously submitted report's acknowledgment copy is attached. Monitoring reports for the month of October 2022 to March 2023 is attached		
(xiii)	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	PP agrees with the condition		

No	Condition	Compliance	☐	P
(xiv)	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Noted		
	General Conditions			
(i)	PP has to strictly abide by the conditions stipulated by SEAC & SEIAA.	PP has abided by the conditions stipulated by SEAC & SEIAA.		
(ii)	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	PP has obtained consent to establish on 21.11.2022		
(iii)	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	Prior Environmental Clearance was taken for this project. Environmental Clearance Letter No. EC23B038MH110209 Dated 11.04.2023		
(iv)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Noted.		

No	Condition	Compliance	☐	P
(v)	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Six monthly reports regarding the status of compliance with EC conditions are regularly sent to all mandated authorities. Environmental statement for each financial year ending 31 st March in Form-V is submitted to the concerned State Pollution Control Board.		
(vi)	No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Agreed.		
(vii)	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily imply that Forestry & Wild life clearance granted to the project which will be considered separately on merit	Noted		

4	The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.	Noted. Environment clearance is issued dated 09.01.2023. No environmental laws have been violated and there are no cases filed regarding such violations.		
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No	Condition	Compliance	☐	P
5	This Environment Clearance is issued purely from an environment point of view without prejudice to any court cases and all other applicable permissions/ NOCs shall be obtained before starting proposed work at site	Noted.		
6	In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.	Noted.		
7	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time totime	Noted.		
8	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	Noted.		
9	Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative building, 1 st floor, D-wing, Opposite council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.		

Consent to Establish**Consent Order NO. Format1.0/CC/UAN No.0000146108/CE/2211001678, dated 21.11.2022**

No	Condition	Compliance	<input type="checkbox"/>	P
1	The Consent to Establish is granted for a period upto commissioning of project or up to 5 year whichever is earlier.	Noted		
2	The capital investment of the project is Rs.346 Cr. (As per C.A Certificate submitted by industry).	PP has submitted CA certificate		
3	The Consent to Establish is valid for Proposed Hotel building & Commercial building Construction Project named as proposed M/s.Karmvir Intelligent Infra Pvt. Ltd, "Sky City" 1405(pt), village Marol and CTS No 1(pt), Village Bapnala, Near Hotel Ambassador, Marol, Andheri (East) Mumbai. on Total Plot Area of 4727.159 Sq.Mtrs for construction BUA of 25225.81 Sq.Mtrs including utilities and services.	Noted.		
4	Conditions under Water (P&CP), 1974 Act for discharge of effluent			
	Sr No	Description	Permitted (in CMD)	Standards to
		Trade effluent	Nil	NA
	Domestic effluent	192	As per Schedule - I	The treated effluent shall be 60 recycled for secondary purposes such as toilet flushing conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to sewerage system provided by local body
5	Conditions under Air (P& CP) Act, 1981 for air emissions			
	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
	S-1	DG Set- 100 KVA	1	As per Schedule -II
		PP will provide acoustic DG on site.		

6	Conditions under Solid Waste Rules, 2016				The biodegradable waste will be treated in OWC and be used as manure. The STP sludge will be used as Manure. The non-biodegradable waste will be segregated and handed over to the local body or sold to recycle.			
	Sr No	Type Of Waste	Quantity & UoM	Treatment				Disposal
	1	Wet Garbage	275 Kg/Day	OWC				Used as manure
	2	Dry Garbage	184 Kg/Day	Segregation				Handed over to authorized vendor
7	Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste				No hazardous waste will be generated as it is a residential project.			
	Sr No	Type Of Waste	Quantity & UoM	Treatment				Disposal
	NA							
8	This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry				Noted			
9	This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.				Noted.			
10	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening				PP agrees with the condition.			
11	PP shall submit BG of Rs. 10 Lakhs towards compliance of EC and consent to establish condition				PP agrees with the same condition.			
12	Project Proponent shall install online monitoring system for the parameter pH, SS, BOD and flow at the outlet of STP				PP agrees with the same condition.			
13	Project Proponent shall provide Organic waste digester with composting facility or biodigester with composting facility				PP agrees with the condition.			
14	Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016				Noted.			

15	The project proponent shall make provision of charging of electric vehicles in atleast 40 % of total available parking area	PP agrees with the condition.		
16	The project proponent shall take adequate measures to control dust emission and noise level during construction phase.	PP agrees with the condition.		
17	PP shall obtain Environmental Clearance from competent authority for the proposed activity. PP shall not take effective steps towards construction without obtaining Environmental Clearance	PP agrees with the condition.		
18	PP shall submit an affidavit in Boards prescribed format within 15 days regarding compliance of C to E & Environmental Clearance/CRZ Clearance	PP agrees with the condition.		

Consent Schedule I**Terms & conditions for compliance of Water Pollution Control**

No	Condition	Compliance	?	P																								
	Schedule-I																											
	Terms & conditions for compliance of Water Pollution Control:																											
1)	A] As per your application, you have proposed to provide MBBR technology-based Sewage Treatment Plants (STPs) of combined capacity 220 CMD for treatment of domestic effluent of 192 CMD	Sewage will be treated in MIAL STP. STP capacity of MIAL is 4 MLD. SBR based technology with RO System is proposed for this zone. • The treated water shall be supplied from the recycled water supply network from STP to individual plots.																										
	B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent. <table border="1" data-bbox="258 1102 849 1447"> <thead> <tr> <th>Sr. No.</th> <th>Parameters</th> <th>Standards prescribed by Board</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>pH</td> <td>5.5 to 9.0</td> </tr> <tr> <td>02</td> <td>BOD (3 DAYS 27°C)</td> <td>10 mg/l</td> </tr> <tr> <td>03</td> <td>COD</td> <td>50 mg/l</td> </tr> <tr> <td>04</td> <td>TSS</td> <td>20mg/l</td> </tr> <tr> <td>05</td> <td>NH4 N</td> <td>5 ppm</td> </tr> <tr> <td>06</td> <td>N-total</td> <td>10</td> </tr> <tr> <td>077</td> <td>Fecal Coliform</td> <td>Less than 100 MPN/100 ml</td> </tr> </tbody> </table>	Sr. No.	Parameters	Standards prescribed by Board	01	pH	5.5 to 9.0	02	BOD (3 DAYS 27°C)	10 mg/l	03	COD	50 mg/l	04	TSS	20mg/l	05	NH4 N	5 ppm	06	N-total	10	077	Fecal Coliform	Less than 100 MPN/100 ml	PP will to achieve the standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent. Monthly monitoring has been done from MoEF & CC recognized laboratory.		
Sr. No.	Parameters	Standards prescribed by Board																										
01	pH	5.5 to 9.0																										
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	C] The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.	The treated water generates from STP will be recycled water will be flushing, Gardening & vehicle washing & the excess treated water of will be discharge into the municipal drain.																										
2)	The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.	PP agrees with the condition.																										

No	Condition	Compliance	?	P															
3)	The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.	PP agrees with the condition.																	
4)	The applicant shall comply with the provision of Water (prevention & Control of Pollution) CESS Act, 1974 and as amended, and other provisions as contained in the said act.	Noted.																	
	<table border="1"> <thead> <tr> <th>Sr. No</th> <th>Purpose for water consumed</th> <th>Water consumption quantity (CMD)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Industrial cooling, spaying in mine pits or boiler feed</td> <td>0.0</td> </tr> <tr> <td>2</td> <td>Domestic purpose</td> <td>208.0</td> </tr> <tr> <td>3.</td> <td>Processing whereby water gets polluted and pollutants are easily biodegradable</td> <td>0.00</td> </tr> <tr> <td>4.</td> <td>Processing whereby water gets polluted and pollutants are not easily biodegradable and are toxic</td> <td>0.00</td> </tr> </tbody> </table>	Sr. No	Purpose for water consumed	Water consumption quantity (CMD)	1.	Industrial cooling, spaying in mine pits or boiler feed	0.0	2	Domestic purpose	208.0	3.	Processing whereby water gets polluted and pollutants are easily biodegradable	0.00	4.	Processing whereby water gets polluted and pollutants are not easily biodegradable and are toxic	0.00	PP agrees with the condition.		
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2	Domestic purpose	208.0																	
3.	Processing whereby water gets polluted and pollutants are easily biodegradable	0.00																	
4.	Processing whereby water gets polluted and pollutants are not easily biodegradable and are toxic	0.00																	
5)	The pp shall provide specific water pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time	PP agrees with the condition.																	

Consent Schedule-II**Terms & conditions for compliance of Air Pollution Control:**

No	Condition	Compliance	?	P																
	Schedule-II Terms & conditions for compliance of Air Pollution Control:																			
1.	<p>As per your applications you have proposed to install the Air pollutions control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-</p> <table border="1"> <thead> <tr> <th>Stack No.</th> <th>Source</th> <th>APC System provided/proposed</th> <th>Stack Height(in mtr)</th> <th>Type of Fuel</th> <th>Sulphur Content(in %)</th> <th>Pollutant</th> <th>Standard</th> </tr> </thead> <tbody> <tr> <td>S-1</td> <td>DG Set-100 KVA</td> <td>Acoustic Enclosure</td> <td>5.00</td> <td>Diesel 100 Ltr/Hr</td> <td>1</td> <td>SO2</td> <td>48 Kg/Day</td> </tr> </tbody> </table> <p>* Above roof of the building in which it is installed.</p>	Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard	S-1	DG Set-100 KVA	Acoustic Enclosure	5.00	Diesel 100 Ltr/Hr	1	SO2	48 Kg/Day	For operation phase PP have installed DG set of capacity 2 x 625 & 1 X 400 with Acoustic enclosure to the DG set.		
Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard													
S-1	DG Set-100 KVA	Acoustic Enclosure	5.00	Diesel 100 Ltr/Hr	1	SO2	48 Kg/Day													
2.	<p>The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.</p> <table border="1"> <tr> <td>Particulate Matter</td> <td>Not to exceed</td> <td>150 mg/Nm³</td> </tr> </table>	Particulate Matter	Not to exceed	150 mg/Nm ³	PP agrees with the condition.															
Particulate Matter	Not to exceed	150 mg/Nm ³																		
3.	The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment.	PP agrees with the condition.																		
4.	The Board reserves its rights to vary all or any or the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary)	PP agrees with the condition.																		
5.	Conditions for utilities like kitchen, Eating places, Canteens: -	PP agrees with the condition.																		
A	The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.	PP Comply with the Condition																		
B	The toilet shall be provided with exhaust system connected to chimney through ducting.	PP Comply with the condition																		
C	The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A)	PP Comply with the condition																		
D	The exhaust host air from A.C. shall be attached to chimney at least 5 mtrs. Higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.	PP Comply with the condition																		

Consent Schedule-III**Details of Bank Guarantees**

No	Condition						Compliance	?	P	
	Schedule-III Details of Bank Guarantees Proposed BG						PP has submitted the bank guarantee of Rs. 10 Lakhs to MPCB.	✓		
	Sr . N o.	Conse nt (C to E/O/ R)	Amt of BG Impos ed	Submissi on period**	Purpose of BG#	Complia nce Period				Validity ++
	1	Conse nt to Establi sh	Rs. 10 lakhs	15 days	Towards complianc e of the consent to Establishm ent & Environme nt Clearance	upto commissi oning of unit or five years				Upto commissi oning of unit or five years
**	The above Bank Guarantee (s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent									
**	Existing BG obtained for above purpose if any may be extended for period of validity as above.									

Consent Schedule-IV**Conditions during construction phase**

A	DURING CONSTRUCTION PHASE, APPLICANT SHALL PROVIDE TEMPORARY SEWAGE AND MSW TREATMENT AND DISPOSAL FACILITY FOR THE STAFF AND WORKER QUARTERS.
B	DURING CONSTRUCTION PHASE, THE AMBIENT AIR AND NOISE QUALITY SHALL BE MAINTAINED AND SHOULD BE CLOSELY MONITORED THROUGH MOEF APPROVED LABORATORY.
C	NOISE SHOULD BE CONTROLLED TO ENSURE THAT IT DOES NOT EXCEED THE PRESCRIBED STANDARDS. DURING NIGHT TIME THE NOISE LEVELS MEASURED AT THE BOUNDARY OF THE BUILDING SHALL BE RESTRICTED TO THE PERMISSIBLE LEVELS TO COMPLY WITH THE PREVALENT REGULATIONS.

General Conditions:

No	Condition	Compliance	?	P
	<u>The following general conditions shall apply as per the type of the industry:</u>			
	<u>General Conditions</u>			
1)	The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.	PP agrees with the condition.		
2)	The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Municipal Solid Waste (Management & Handling) Rule 2000 and E-waste (management& Handling Rue 2011.	PP agrees with the condition.		
3)	Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system	PP agrees with the condition.		
4)	Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	PP agrees with the condition.		
5)	Conditions for D.G. Set a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.	PP agrees with the condition.		
	b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss	PP agrees with the condition.		

No	Condition	Compliance	?	P
	of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.			
	c) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m. and night time is reckoned between 10 p.m. to 6 a.m.	PP agrees with the condition.		
	d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.	PP agrees with the condition.		
	e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.	PP agrees with the condition.		
	f) D.G. Set shall be operated only in case of power failure.	PP agrees with the condition.		
	g) The applicant should not cause any nuisance in the surrounding area due to operation DG sets.	PP agrees with the condition.		
	h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.	PP agrees with the condition.		
6)	Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011	PP will treat the biodegradable waste using OWC and use it as manure. The non-biodegradable waste will be segregated and handed over to local body for recycling.		
7)	Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.	PP have submitted affidavit in the boards prescribed format.		
8)	The industry shall submit official e- mail address and any change will be duly informed to the MPCB.	PP agrees with the condition.		
9)	The treated sewage shall be disinfected using suitable disinfection method.	PP agrees with the condition.		
10)	The firm shall submit to this office, the 30 th day of September every year, the environment statement report for the financial year ending 31 st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule	PP agrees with the condition.		

No	Condition	Compliance	?	P
	1992.			
11)	The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.	PP agrees with the condition.		

Annexure I
SITE PHOTOGRAPHS



Excavation Process



Labour On-site



Labour Camp



Toilet



Kitchen Equipment



Drinking Water



First AID Box

Annexure II
ENVIRONMENTAL CLEARANCE LETTER



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Maharashtra)

To,

The President
KARMVIR INTELLIGENT INFRA PRIVATE LIMITED
52, 5th Floor, Mittal Tower-C, Nariman Point, Mumbai -400021

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/MH/MIS/289260/2022 dated 19 Aug 2022. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|--|
| 1. EC Identification No. | EC23B038MH151837 |
| 2. File No. | SIA/MH/MIS/289260/2022 |
| 3. Project Type | New |
| 4. Category | B2 |
| 5. Project/Activity including Schedule No. | 8(a) Building and Construction projects |
| 6. Name of Project | Environment Clearance of Proposed Hotel building & Commercial building project "Sky City" at plot bearing CTS no. 1405(pt) Village Marol and CTS no. 1(pt) Village Bapnala, Near Hotel Ambassador, Marol, Andheri (East) Mumbai – 400099 by Karmvir Intell |
| 7. Name of Company/Organization | KARMVIR INTELLIGENT INFRA PRIVATE LIMITED |
| 8. Location of Project | Maharashtra |
| 9. TOR Date | N/A |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 09/01/2023

(e-signed)
Pravin C. Darade , I.A.S.
Member Secretary
SEIAA - (Maharashtra)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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PARIVESH

(Pro-Active and Responsive Facilitation by Interactive,
and Virtuous Environmental Single-Window Hub)



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/289260/2022
Environment & Climate
Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s.Karmvir Intelligent Infra Pvt. Ltd.,
CTS no. 1405(pt) Village Marol
CTS no. 1(pt) Village Bapnala,
Near Hotel Ambassador, Marol,
Andheri (East) Mumbai.

Subject : Environment Clearance of Proposed Hotel building & Commercial building project “Sky City” at plot bearing CTS no. 1405(pt) Village Marol and CTS no. 1(pt) Village Bapnala, Near Hotel Ambassador, Marol, Andheri (East) Mumbai by M/s.Karmvir Intelligent Infra Pvt. Ltd.

Reference : Application no. SIA/MH/MIS/289260/2022

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-2 in its 186th meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 254th meeting of State Level Environment Impact Assessment Authority (SEIAA) 28th November, 2022.

2. Brief Information of the project submitted by you is as below:-

Sr. No.	Description	Details								
1.	Proposal Number	SIA/MH/MIS/289260/2022								
2.	Name of project	Application for Environment Clearance of Proposed Hotel building & Commercial building project “Sky City” at plot bearing CTS no. 1405(pt) Village Marol and CTS no. 1(pt) Village Bapnala, Near Hotel Ambassador, Marol, Andheri (East) Mumbai – 400099 by Karmvir Intelligent Infra Pvt. Ltd.								
3.	Project category	8 (a) B2 Category								
4.	Type of Institution	Private								
5.	Project Proponent	<table border="1"><tr><td>Name</td><td>Karmvir Intelligent Infra Pvt. Ltd. Mr. Samiran Adhicary</td></tr><tr><td>Regd. Office address</td><td>Shubh Mangal, CTS No. 5019/A, 2nd floor, Opp Durga Nursing Home, CST Road, Kalina, Santacruz East, Mumbai 400 090</td></tr><tr><td>Contact number</td><td>+91 9960867670</td></tr><tr><td>Email ID</td><td>Samiran.adhicary@hazoormultiproject.com</td></tr></table>	Name	Karmvir Intelligent Infra Pvt. Ltd. Mr. Samiran Adhicary	Regd. Office address	Shubh Mangal, CTS No. 5019/A, 2nd floor, Opp Durga Nursing Home, CST Road, Kalina, Santacruz East, Mumbai 400 090	Contact number	+91 9960867670	Email ID	Samiran.adhicary@hazoormultiproject.com
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Contact number	+91 9960867670									
Email ID	Samiran.adhicary@hazoormultiproject.com									

6.	Consultant	Mahabal Enviro Engineers Pvt. Ltd.		
7.	Applied for	Environment Clearance		
8.	Location of the project	CTS no. 1405(pt) Village Marol and CTS no. 1(pt) Village Bapnala, Near Hotel Ambassador, Marol, Andheri (East) Mumbai – 400099.		
9.	Latitude and Longitude	Latitude 19°06'16.80"N Longitude 72°52'29.45"E		
10.	Plot area (m ²)	4,727.159 m ²		
11.	Deductions (m ²)	709.07 m ²		
12.	Net plot area (m ²)	4,018.09 m ²		
13.	Ground coverage (m ²) & %	2,124.06 m ² (52.8 % of total net plot area)		
14.	FSI area (m ²)	16,070.43 m ²		
15.	Non-FSI (m ²)	9,155.38 m ²		
16.	Proposed Built up area (FSI + Non FSI)	25,225.81 m ²		
17.	TBUA (m ²) approved by Planning Authority till date	As per MMRDA sanctioned plan no. TCP(P-2)/MIAL/CC-3.42/IV/333/2022 on 08.04.2022. For built-up area 16,070.43 m ²		
18.	Earlier EC details with Total Construction area, if any.	Amendment in Environment Clearance on 31.03.2020 for total Construction area 8,77,696.77 m ²		
19.	Construction completed as per earlier EC (FSI + Non FSI) (m ²)	NA		
20.	Buildings Configuration	Building Name	Number of floors	Height of the building (m)
		Hotel Building	3 Level Basement + Ground Floor + 1st Floor+ Service Floor+2nd Floor to 11th upper Floor	43.40
		Commercial Building	3 Level Basement + Ground Floor +1st to 3rd& 4th (pt) Upper Floor	18.60
21.	No. of Tenement & Shop	Hotel Building - 262 Rooms Commercial Building - 7 no. of Offices		
22.	Total Population	Total Population: 2,957 nos. (Hotel building – 2,054 nos., Commercial building - 903 nos.)		

23.	Total Water requirement	<table border="1"> <thead> <tr> <th>Sr.</th> <th>Description</th> <th>Total</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Total Water Requirement</td> <td>241</td> <td>m³/day</td> </tr> <tr> <td>2.</td> <td>Freshwater requirement</td> <td>187</td> <td>m³/day</td> </tr> <tr> <td>3.</td> <td>Recycled water (Flushing)</td> <td>55</td> <td>m³/day</td> </tr> <tr> <td>4.</td> <td>Recycled water (Gardening)</td> <td>5</td> <td>m³/day</td> </tr> <tr> <td>5.</td> <td>Wastewater generation</td> <td>204</td> <td>m³/day</td> </tr> </tbody> </table>	Sr.	Description	Total	Unit	1.	Total Water Requirement	241	m ³ /day	2.	Freshwater requirement	187	m ³ /day	3.	Recycled water (Flushing)	55	m ³ /day	4.	Recycled water (Gardening)	5	m ³ /day	5.	Wastewater generation	204	m ³ /day
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5.	Wastewater generation	204	m ³ /day																							
24.	Under Ground Tank (UGT) location	<table border="1"> <thead> <tr> <th>Description</th> <th>Domestic Tank capacity (m³)</th> <th>Flushing Tank capacity (m³)</th> <th>Fire Tank capacity (m³)</th> </tr> </thead> <tbody> <tr> <td>Commercial</td> <td>42</td> <td>38</td> <td>200</td> </tr> <tr> <td>Hotel</td> <td>332</td> <td>81</td> <td>200</td> </tr> <tr> <td>Total</td> <td>374</td> <td>119</td> <td>400</td> </tr> </tbody> </table>	Description	Domestic Tank capacity (m ³)	Flushing Tank capacity (m ³)	Fire Tank capacity (m ³)	Commercial	42	38	200	Hotel	332	81	200	Total	374	119	400								
		Description	Domestic Tank capacity (m ³)	Flushing Tank capacity (m ³)	Fire Tank capacity (m ³)																					
		Commercial	42	38	200																					
		Hotel	332	81	200																					
Total	374	119	400																							
UGT is located in the basement																										
Domestic tank at 1 st Level of basement																										
Flushing tank at 2 nd Level of basement																										
Fire tank at 1 st Level of basement																										
25.	Source of water	Municipal Corporation of Greater Mumbai (MCGM)																								
26.	STP Capacity & Technology	220 KLD.																								
27.	STP Location	STP Location: 1 st basement																								
28.	Sewage Generation CMD & % of sewage discharge in sewer line	<table border="1"> <thead> <tr> <th>Sr.</th> <th>Description</th> <th>Total</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Total sewage generated</td> <td>185</td> <td>m³/day</td> </tr> </tbody> </table>	Sr.	Description	Total	Unit	1.	Total sewage generated	185	m ³ /day																
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29.	Solid Waste Management during Construction Phase	50 kg/day																								
30.	Total Solid Waste Quantities with type during Operation Phase & Capacity of OWC to be installed	<table border="1"> <thead> <tr> <th>Sr.</th> <th>Details</th> <th>Total</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Total Solid waste generation</td> <td>591</td> <td>kg/day</td> </tr> <tr> <td>2.</td> <td>Non-Bio-degradable waste</td> <td>236</td> <td>kg/day</td> </tr> <tr> <td>3.</td> <td>Biodegradable waste</td> <td>355</td> <td>kg/day</td> </tr> </tbody> </table>	Sr.	Details	Total	Unit	1.	Total Solid waste generation	591	kg/day	2.	Non-Bio-degradable waste	236	kg/day	3.	Biodegradable waste	355	kg/day								
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OWC of 360 Kg/day																										
MCGM responsible for the collection, sorting, storage, & disposal of solid waste and Mumbai International Airport Ltd. (MIAL) facilitate the same.																										
31.	R.G. Area in m ²	RG required:472.71 Sq.Mtrs. (10% of plot area) RG provided on ground: 710.24 m ² No. of proposed trees: 50 nos. No. of existing trees: 4 nos. Total trees: 54 nos.																								

32.	Power requirement	Description	Total Power	Unit	
		During construction phase	100	kVA	
		During operation phase for			
		I) Max. demand load	2,687	kW	
		II) Connected load	4,604	kW	
33.	Energy Efficiency	a) Overall energy saving: 20 % b) Saving from solar: 5 %			
34.	DG Set Capacity	2 No. X 625 kVA; 1 No. X 400 kVA			
35.	No. of 4 W & 2W Parking with 25% EV	Sr.	Details	Total	Unit
		1.	2-Wheeler	20	No.
		2.	4-Wheeler	249 no. of cars+4 no. of transport vehicles	No.
			Total parking area	3,112.50	m²
36.	No. & capacity of Rain water harvesting tanks /Pits	1 no. of RWH tank of 105 m ³ capacity.			
37.	Project cost in (Cr.)	Rs.346 Crore			
38.	EMP Cost				
	EMP costing during construction phase				
	Parameter	Description & Criteria	Estimation	Cost (Rs. In Lakh)	
	Air Environment	During the construction phase, water has been required for sprinkling for suppression of dust and for construction purposes.	1 Water tanker/ day for 10 months	6	
	Socio-Economic Environment	Site sanitation, Toilets, safe drinking water	Total 5 no. of toilets for ladies & gents workers	7.44	
		Disinfection at site	Cleaning and maintaining the site	3.20	
		Health check-ups for workers, first aid kit	PPE and Safety equipment's	10.90	
		Safety net		3.80	
	Environment management	For Air, Noise, Water analysis	Monitoring of Air, Noise, Soil and water through MoEF Approved lab		
		Site fencing & noise barrier		8.00	
	Storm water management		12.0		
	Vehicle maintenance, washing area, tyre cleaning		1.20		

Training and awareness	Safety personal protective equipment & Training programs	PPE and Safety equipment's		2.25
Total				56.79
EMP costing during operation phase				
Component	Description	Criteria	Capital cost (Rs. in Lakh)	O & M Cost (Rs. Lakh /annum)
Sewage Treatment Plant	1 no. of STP having capacity 220 m3 /day	MBBR STP technology, installation, maintenance & handling	51	12
Rain Water Harvesting	Total RWH tank capacity 105 m ³	Construction & Maintenance	12	0.60
Solid Waste Management	Cost for Treatment of biodegradable garbage in OWC (1 no. of capacity 360 kg/day)	OWC installation, Maintenance & handling of Biodegradable garbage, segregation of waste	14	6
Environmental Monitoring	Monitoring and analysis of Air, Water, Noise, Soil.	Regular monitoring will be scheduled.	MoEF Approved Lab	2
Energy Conservation	Solar PV panels for electricity generation, LED etc.	Installation & Maintenance, battery backup	62	7.51
Laying of storm & Sever line up to final disposal point	Connected to the MIAL	Construction & Maintenance	16.0	2.04
Landscape development	Trees to be planted. Development & maintained of landscape area 709.7 m ²	Tree plantation & landscape area to be developed	8.0	2.40
Disaster Management Plan			227.92	14.03
Basement dewatering			4.00	0.75
Basement Ventilation			7.00	1.50
Total			401.92	48.82
39.	CER Details with Justification if any as per MoEF&CC	CER not applicable		

	circular dated 01/05/2018	
40.	Details of Court Cases/litigations w.r.t the project and project location, if any.	Not applicable

3. Proposal is a new construction project. Proposal has been considered by SEIAA in its 254th meeting held on 28th November, 2022 and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

A. SEAC Conditions-

1. PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
2. PP to obtain following NOCs & remarks:
a) Water supply; b) Sewer connection; c) SWD NOC; d) Tree NOC.
3. PP to submit certified six-monthly compliance report of earlier EC from Regional Office, MOEF&CC, Nagpur.

B. SEIAA Conditions-

1. PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.
2. PP to achieve at least 5% of total energy requirement from solar/other renewable sources.
3. PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
4. SEIAA after deliberation decided to grant EC for – FSI – 16,070.43 m², Non FSI- 9,155.38 m², Total BUA- 25,225.81 m². (Plan approval No.TCP(P-2)/MIAL/CC-3.42/IU/333/2022, Dated : 08.04.2022)

General Conditions:

a) Construction Phase :-

- I. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. Disposal of muck, Construction spoils, including bituminous material during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in the approved sites with the approval of competent

- authority.
- III. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
 - IV. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
 - V. Arrangement shall be made that waste water and storm water do not get mixed.
 - VI. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.
 - VII. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
 - VIII. Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
 - IX. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
 - X. The Energy Conservation Building code shall be strictly adhered to.
 - XI. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
 - XII. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
 - XIII. Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
 - XIV. PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.
 - XV. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
 - XVI. Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.
 - XVII. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
 - XVIII. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.

XIX. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell /designated person.

B) Operation phase:-

- I. a) The solid waste generated should be properly collected and segregated. b) Wet waste should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
- III. a) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100 % treatment to sewage /Liquid waste and explore the possibility to recycle at least 50 % of water, Local authority should ensure this.
- IV. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement.
- V. The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
- VI. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- VII. PP to provide adequate electric charging points for electric vehicles (EVs).
- VIII. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- IX. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- X. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes.
- XI. The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at

Website at parivesh.nic.in

- XII. Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
- XIII. A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- XIV. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

C) General EC Conditions:-

- I. PP has to strictly abide by the conditions stipulated by SEAC & SEIAA.
- II. If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
- III. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
- IV. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- V. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
- VI. No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- VII. This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.

4. The environmental clearance is being issued without prejudice to the action initiated under

EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

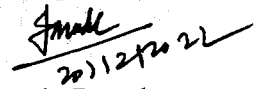
5. This Environment Clearance is issued purely from an environment point of view without prejudice to any court cases and all other applicable permissions/ NOCs shall be obtained before starting proposed work at site.

6. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time.

8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

9. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


20/12/2022

Pravin Darade
(Member Secretary, SEIAA)

Copy to:

1. Chairman, SEIAA, Mumbai.
2. Secretary, MoEF & CC, IA- Division MOEF & CC
3. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
4. Regional Office MoEF & CC, Nagpur
5. District Collector, Mumbai Suburban.
6. Commissioner, Municipal Corporation of Greater Mumbai
7. Regional Officer, Maharashtra Pollution Control Board, Mumbai.

Annexure III
Consent to Establish

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

Infrastructure/RED/L.S.I

No:- Format1.0/CC/UAN No.0000146108/CE/2211001678

Date: 21/11/2022

To,
M/s.Karmvir Intelligent Infra Pvt. Ltd, "Sky
City"1405(pt), village Marol and CTS No
1(pt), Village Bapnala, Near Hotel
Ambassador, Marol, Andheri (East)
Mumbai.



Your Service is Our Duty

Sub: Consent to Establish for Proposed Hotel building & Commercial building Construction Project.

- Ref:**
1. Application Submitted by SRO-Mumbai-II
 2. Minutes of 20th CC Meeting Dtd-01.11.2022.

Your application NO. MPCB-CONSENT-0000146108

For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:

1. **The Consent to Establish is granted for a period upto commissioning of project or up to 5 year whichever is earlier.**
2. **The capital investment of the project is Rs.346 Cr. (As per C.A Certificate submitted by industry).**
3. **The Consent to Establish is valid for Proposed Hotel building & Commercial building Construction Project named as proposed M/s.Karmvir Intelligent Infra Pvt. Ltd, "Sky City"1405(pt), village Marol and CTS No 1(pt), Village Bapnala, Near Hotel Ambassador, Marol, Andheri (East) Mumbai. on Total Plot Area of 4727.159 Sq.Mtrs for construction BUA of 25225.81 Sq.Mtrs including utilities and services.**
4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	192	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1	DG Set- 100 KVA	1	As per Schedule -II

6. **Conditions under Solid Waste Rules, 2016:**

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Wet Garbage	275 Kg/Day	OWC	Used as manure
2	Dry Garbage	184 Kg/Day	Segregation	Handed over to authorized vendor

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
NA					

8. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
10. The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening.
11. PP shall submit BG of Rs. 10 Lakhs towards compliance of EC and consent to establish condition.
12. Project Proponent shall install online monitoring system for the parameter pH, SS, BOD and flow at the outlet of STP.
13. Project Proponent shall provide Organic waste digester with composting facility or biodigester with composting facility.
14. Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.
15. The project proponent shall make provision of charging of electric vehicles in atleast 40 % of total available parking area.
16. The project proponent shall take adequate measures to control dust emission and noise level during construction phase.
17. PP shall obtain Environmental Clearance from competent authority for the proposed activity. PP shall not take effective steps towards construction without obtaining Environmental Clearance.

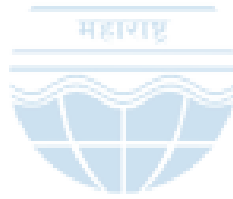
18. PP shall submit an affidavit in Boards prescribed format within 15 days regarding compliance of C to E & Environmental Clearance/CRZ Clearance.
- . This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	692000.00	TXN2208001971	18/08/2022	Online Payment

Copy to:

1. Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai II
 - They are directed to ensure the compliance of the consent conditions.
 - They are directed to obtained B.G. of Rs.10.0 Lakhs towards compliance of consent condition & E.C.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have proposed to provide MBBR technology based Sewage Treatment Plants (STPs) of combined capacity **220 CMD for treatment of domestic effluent of 192 CMD.**
- B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
1	pH	5.5-9.0
2	BOD	10
3	COD	50
4	TSS	20
5	NH4 N	5
6	N-total	10
7	Fecal Coliform	less than 100

- C] The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act,1974 and as amended, and other provisions as contained in the said act.**

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	208.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

- 1) As per your application, you have proposed to provide the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	DG Set-100 KVA	Acoustic Enclosure	5.00	Diesel 100 Ltr/Hr	1	SO ₂	48 Kg/Day

- 2) The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Total Particular matter	Not to exceed	150 mg/Nm ³
-------------------------	---------------	------------------------

- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - The toilet shall be provided with exhaust system connected to chimney through ducting.
 - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish	10 Lakhs	within 15 days	Towards compliance of consent condition	upto commissioning of unit or five years	upto commissioning of unit or five years

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV

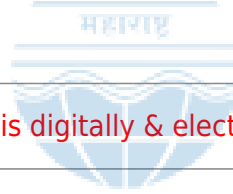
Conditions during construction phase

A	During construction phase, applicant shall provide temporary sewage and MSW treatment and disposal facility for the staff and worker quarters.
B	During construction phase, the ambient air and noise quality shall be maintained and should be closely monitored through MoEF approved laboratory.
C	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

General Conditions:

- 1 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011).
- 3 Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5 Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.

- d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
- f) D.G. Set shall be operated only in case of power failure.
- g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
- h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 6 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
- 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.
- 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11 The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.



This certificate is digitally & electronically signed.

Annexure IV
Environmental Monitoring Report



Mahabal Enviro Engineers Pvt. Ltd.

PLOT NOS. 13,14,17,18, GRAMPANCHAYAT BOKHARA, CHHINDWARA ROAD, KORADI, NAGPUR, MAHARASHTRA, INDIA

Phone: 0712-2612162/2612212 email: nagpur@mahabal.com



TEST REPORT

Report No.:	ME-NG02810-230225-SA- MELLORA-ANDHERI	Date: 25.02.2023
ULR No.:	TC748723000002600F	

Name and Address of Customer	MELLORA INFRASTRUCTURE PVT LTD "Karmvir Sky City" Marol Sahar Airport Road, Andheri east		WO No.: Verbal Discussion WO Date: -
Sample Description / Type	Soil	Sample Collected by	Laboratory
Sampling Location	Near Construction Site	Sample Quantity / Packing	2 kg X 1 No. Polyethene bag
Date of Sampling	11.02.2023	Date of Receipt of Sample	13.02.2023
Sampling Procedure	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India		
Date of Start of Analysis	14.02.2023	Date of Completion of Analysis	24.02.2023

Sr. No.	Parameter	Unit	Result	Method Reference
	<u>Discipline: Chemical Testing; Product Group: Pollution & Environment (Soil)</u>			
1.	pH (1+5)	-	7.9	FAO 1976, Sec.III,1, Page No. 65
2.	Electrical Conductivity (1+5)	$\mu\text{S/cm}$	105	FAO Sec. III .5, Page no-85
3.	Moisture Content	%	9.74	IS 2720 (Part II): 1973, RA 2002, Ed. 3.1
4.	Cation Exchange Capacity	meq/100gm	57.7	FAO Sec. III .7-2, Page No. 104
5.	Grain Size (Texture) Sand	%	43.7	Manual of Soil Testing Department of Agriculture & Cooperation, Ministry of Agriculture Govt. India, Sec 4.-17 Page No 105.
6.	Grain Size (Texture) Silt	%	29.8	Manual of Soil Testing Department of Agriculture & Cooperation, Ministry of Agriculture Govt. India, Sec 4.-17 Page No 68.
7.	Grain Size (Texture) Clay	%	26.5	Manual of Soil Testing Department of Agriculture & Cooperation, Ministry of Agriculture Govt. India, Sec 4.-17 Page No 68.
8.	Available Phosphorous	mg/kg	24.9	FAO Sec. III .12-1 Page no-157
9.	Available Calcium	meq/ 100gm	47.2	FAO Sec.III.8-1, Page No. 115
10.	Available Magnesium	meq/ 100gm	9.60	FAO Sec.III.8-1, Page No. 115
11.	Available Sodium	meq/100gm	0.486	FAO Sec.III.8-1, Page No. 115
12.	Available Nitrogen	mg/kg	157	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India, Sec.4 -17, Page No 89

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Issue No 03
Date 05.12.2019.
Amd 01 Date
24.12.2022

Harish Mendhi
Technical Manager
Chemical Testing



TC-7487



Mahabal Enviro Engineers Pvt. Ltd.

PLOT NOS. 13,14,17,18, GRAMPANCHAYAT BOKHARA, CHHINDWARA ROAD, KORADI, NAGPUR, MAHARASHTRA, INDIA

Phone: 0712-2612162/2612212 email: nagpur@mahabal.com



REPORT-SE-2810

TEST REPORT

Report No.:	ME-NG02810-230225-SA- MELLORA-ANDHERI	Date: 25.02.2023
ULR No.:	TC748723000002600F	

Sr. No.	Parameter	Unit	Result	Method Reference
13.	Available Potassium	meq/100gm	0.325	FAO Sec.III.8-1, Page No. 115
14.	Total Copper	mg/kg	158	USEPA/SW 846 Method 3050B, Rev.2: Dec.1996 and 7000B, Rev.2, Feb 2007
15.	Total Iron	mg/kg	38265	USEPA/SW 846 Method 3050B, Rev.2: Dec.1996 and 7000B, Rev.2, Feb 2007
16.	Total Manganese	mg/kg	861	USEPA/SW 846 Method 3050B, Rev.2: Dec.1996 and 7000B, Rev.2, Feb 2007
17.	Total Zinc	mg/kg	150	USEPA/SW 846 Method 3050B, Rev.2: Dec.1996 and 7000B, Rev.2, Feb 2007

END OF REPORT

- Note:**
1. BQL: Below Quantification Limit.
 2. LOQ: Limit of Quantification.
 3. All results are expressed as received basis.
 4. The result listed refers only to the tested sample(s) and applicable parameter(s).
 5. This report is not to be reproduced except in full, without the written approval of the laboratory.
 6. Any complaint pertaining to the report can be addressed to mahabalreports@gmail.com

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QF/SALE/02
Issue No 03
Date 05.12.2019.
Amd 01 Date
24.12.2022


Harish Mendhi
Technical Manager
Chemical Testing



TC-7487



Mahabal Enviro Engineers Pvt. Ltd.

PLOT NOS. 13,14,17,18, GRAMPANCHAYAT BOKHARA, CHHINDWARA ROAD, KORADI, NAGPUR, MAHARASHTRA, INDIA

Phone: **0712-2612162/2612212** email: **nagpur@mahabal.com**



REPORT-SE-2810

TEST REPORT

Report No.:	ME-NG02810N-230225-SA-MELLORA-ANDHERI	Date:	25.02.2023
ULR No.:	-		

Name and Address of Customer	MELLORA INFRASTRUCTURE PVT LTD "Karmvir Sky City" Marol Sahar Airport Road, Andheri east		WO No.: Verbal Discussion WO Date: -
Sample Description / Type	Soil	Sample Collected by	Laboratory
Sampling Location	Near Construction Site	Sample Quantity / Packing	2 kg X 1 No. Polyethene bag
Date of Sampling	11.02.2023	Date of Receipt of Sample	13.02.2023
Sampling Procedure	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India		
Date of Start of Analysis	14.02.2023	Date of Completion of Analysis	24.02.2023

Sr. No.	Parameter	Unit	Result	Method Reference
	<u>Discipline: Chemical Testing; Product Group: Pollution & Environment (Soil)</u>			
1.	Organic Matter	%	0.531	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India, Sec.4 - 17, Page No. 83.
2.	Free Lime	%	0.137	FAO Sec. III. Page no-71
3.	Texture (Class)	%	Loam	Manual of Soil Testing Department of Agriculture & Cooperation, Ministry of Agriculture Govt. India, Sec 4.- 17 Page No 68 & 105
4.	Total Sulphur	%	0.16	IS 1350 (Part III) 1969

END OF REPORT

- Note:**
1. BQL: Below Quantification Limit.
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24.12.2022


Harish Mendhi
Technical Manager
Chemical Testing







Mahabal Enviro Engineers Pvt. Ltd.

PLOT NOS. 13,14,17,18, GRAMPANCHAYAT BOKHARA, CHHINDWARA ROAD, KORADI, NAGPUR, MAHARASHTRA, INDIA
Phone: **0712-2612162/2612212** email: **nagpur@mahabal.com**

TEST REPORT



Report No.:	ME-NG02812-230222-SA-MELLORA-ANDHERI	Date: 22.02.2023
ULR No.:	TC748723000002602F	

Name and Address of Customer	MELLORA INFRASTRUCTURE PVT LTD "Karmvir Sky City" Marol Sahar Airport Road, Andheri east		WO No.: Verbal Discussion WO Date: -
Sample Description / Type	Drinking water	Sample Collected by	Laboratory
Sampling Location	Labour Camp	Sample Quantity / Packing	2L X 1 No. PVC Can 500 mL X 1 No. PVC Can 250 mL X 1 No. Sterilized Glass Bottle
Date of Sampling	12.02.2023	Date of Receipt of Sample	13.02.2023
Sampling Procedure	IS:3025(Part I):1987 RA 2019; IS 1622:1981 RA 2019, APHA 23 rd Ed. 2017, 1060-B, 1-40; 9060 A, 9-36		
Date of Start of Analysis	13.02.2023	Date of Completion of Analysis	21.02.2023

Sr. No.	Parameter	Unit	Result	#Limit	Method Reference
<u>Discipline: Chemical Testing;</u> <u>Product Group: Water</u> <u>(Drinking Water)</u>					
1.	Colour	Hazen	BQL (LOQ:1)	5 Max.	APHA 23 rd Ed. 2017, 2120-B, 2-6
2.	Odour	-	Agreeable	Agreeable	IS 3025 (Part 05):1984, RA 2018
3.	Turbidity	NTU	0.3	1 Max.	APHA 23 rd Ed. 2017, 2130-B, 2-13
4.	pH	-	7.7	6.5 to 8.5	APHA 23 rd Ed. 2017, 4500-H+B, 4-95
5.	Total Suspended Solids	mg/L	BQL (LOQ:5)	-	APHA 23 rd Ed. 2017, 2540-D, 2-70
6.	Total Dissolved Solids	mg/L	101	500 Max.	IS 3025 (Part 16):1984 RA 2017, Ed.2.1 (1999-12)
7.	Alkalinity Total (as CaCO ₃)	mg/L	56	200 Max.	IS 3025 (Part 23):1986 Reaffirmed 2019 Amds 1
8.	Total Hardness (as CaCO ₃)	mg/L	68	200 Max.	APHA 23 rd Ed. 2017, 2340-C, 2-48
9.	Calcium (as Ca)	mg/L	16.0	75 Max.	APHA 23 rd Ed. 2017, 3500-Ca-B, 3-69
10.	Magnesium (as Mg)	mg/L	6.8	30 Max.	APHA 23 rd Ed. 2017, 3500-Mg-B,3-86
11.	Free Chlorine (Residual)	mg/L	BQL (LOQ:0.05)	0.2 min.	APHA 23 rd Ed. 2017, 4500-Cl G, 4-72
12.	Chloride (as Cl)	mg/L	17.0	250 Max.	APHA 23 rd Ed. 2017, 4500-Cl-B, 4-75
13.	Sulphate (as SO ₄)	mg/L	4.2	200 Max.	APHA 23 rd Ed. 2017, 4500- SO ₄ -E, 4-199





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TEST REPORT



REPORT-DW-02612

Report No.:	ME-NG02812-230222-SA-MELLORA-ANDHERI	Date: 22.02.2023
ULR No.:	TC748723000002602F	

Sr. No.	Parameter	Unit	Result	#Limit	Method Reference
14.	Nitrate (as NO ₃)	mg/L	0.77	45 Max.	APHA 23 rd Ed. 2017, 4500-NO ₃ , E 4-131
15.	Fluoride (as F)	mg/L	0.27	1 Max.	APHA 23 rd Ed. 2017, 4500-F, D, 4-90
	<u>Residues in water (Trace metal Element)</u>				
16.	Iron (as Fe)	mg/L	0.293	1.0 Max.	IS:3025 (Part 2), 2019
	<u>Discipline: Biological Testing;</u> <u>Product Group: Water</u> <u>(Drinking water)</u>				
17.	Total Coliforms	/100mL	Absent	Shall not be detectable in any 100 mL Sample.	IS 15185:2016
18.	<i>Escherichia coli</i>	/100mL	Absent	Shall not be detectable in any 100 mL Sample.	IS 15185:2016

END OF REPORT

- Note:**
1. BQL: Below Quantification Limit.
 2. LOQ: Limit of Quantification.
 3. #: Acceptable Limit as per IS 10500:2012; RA 2018.
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TC-7487



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TEST REPORT

Report No.:	ME-NG02811-230222-SA- MELLORA-ANDHERI	Date: 22.02.2023
ULR No.:	TC748723000002601F	

Name and Address of Customer	MELLORA INFRASTRUCTURE PVT LTD "Karmvir Sky City" Marol Sahar Airport Road, Andheri east		WO No.: Verbal Discussion WO Date: -
Sample Description / Type	Ground water	Sample Collected by	Laboratory
Sampling Location	Borewell Water (Admin Office)	Sample Quantity / Packing	2L X 1 No. PVC Can 500 mL X 1 No. PVC Can 250 mL X 1 No. Sterilized Glass Bottle
Date of Sampling	12.02.2023	Date of Receipt of Sample	13.02.2023
Sampling Procedure	IS:3025(Part I):1987 RA 2019; IS 1622:1981 RA 2019, APHA 23 rd Ed. 2017, 1060-B, 1-40; 9060 A, 9-36		
Date of Start of Analysis	13.02.2023	Date of Completion of Analysis	21.02.2023

Sr. No.	Parameter	Unit	Result	Method Reference
	<u>Discipline: Chemical Testing;</u> <u>Product Group: Water (Ground Water)</u>			
1.	Colour	Hazen	BQL(LOQ:1)	APHA 23 rd Ed. 2017, 2120-B, 2-6
2.	Odour	-	Agreeable	IS 3025 (Part 05):1984, RA 2018
3.	Turbidity	NTU	0.5	APHA 23 rd Ed. 2017, 2130-B, 2-13
4.	pH	-	7.2	APHA 23 rd Ed. 2017, 4500-H+B, 4-95
5.	Free Chlorine (Residual)	mg/L	BQL(LOQ:0.05)	APHA 23 rd Ed. 2017, 4500-Cl G, 4-72
6.	Total Suspended Solids	mg/L	BQL (LOQ:5)	APHA 23 rd Ed. 2017, 2540-D, 2-70
7.	Total Dissolved Solids	mg/L	511	IS 3025 (Part 16):1984 RA 2017, Ed.2.1 (1999-12)
8.	Alkalinity Total (as CaCO ₃)	mg/L	296	IS 3025 (Part 23):1986 Reaffirmed 2019 Amds 1
9.	Total Hardness (as CaCO ₃)	mg/L	308	APHA 23 rd Ed. 2017, 2340-C, 2-48
10.	Chloride (as Cl)	mg/L	58.0	APHA 23 rd Ed. 2017, 4500-Cl-B, 4-75
11.	Sulphate (as SO ₄)	mg/L	38.1	APHA 23 rd Ed. 2017, 4500- SO ₄ -E, 4-199
12.	Nitrate (as NO ₃)	mg/L	12.7	APHA 23 rd Ed. 2017, 4500-NO ₃ , B 4-127
13.	Calcium (as Ca)	mg/L	82.6	APHA 23 rd Ed. 2017, 3500-Ca-B, 3-69
14.	Magnesium (as Mg)	mg/L	24.8	APHA 23 rd Ed. 2017, 3500-Mg-B,3-86
15.	Fluoride (as F)	mg/L	0.44	APHA 23 rd Ed. 2017, 4500-F, D, 4-90
	<u>Residues in water (Trace metal Element)</u>			
16.	Iron (as Fe)	mg/L	0.255	IS:3025 (Part 2), 2019

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REPORT: GW-02811

TEST REPORT

Report No.:	ME-NG02811-230222-SA- MELLORA-ANDHERI	Date: 22.02.2023
ULR No.:	TC748723000002601F	

Sr. No.	Parameter	Unit	Result	Method Reference
	<u>Discipline: Biological Testing;</u> <u>Product Group: Water (Ground water)</u>			
17.	Total Coliforms	MPN/ 100 mL	6.9	APHA 23 rd Ed. 2017, 9221-B, 9-69
18.	<i>Escherichia coli</i>	MPN/ 100 mL	Absent	APHA 23 rd Ed. 2017, 9221-B, E & G, 9-69, 9-77 & 9-80

END OF REPORT

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TEST REPORT

Report No.:	ME-NG02807-230217-SA- MELLORA-ANDHERI	Date: 17.02.2023
ULR No.:	TC748723000002597F	

Name and Address of Customer	MELLORA INFRASTRUCTURE PVT LTD "Karmvir Sky City" Marol Sahar Airport Road, Andheri East		WO No.: MIPL/J001/22-23/WO/006 WO Date: 15.06.2022
Sample Description / Type	Ambient Air	Sample Collected by	Laboratory
Sampling Location	Near Gate No.1	Sample Quantity / Packing	PM ₁₀ : Filter Paper 1 X 1 No. PM _{2.5} : Filter Paper 1 X 1 No. SO ₂ : 30 mL X 2 No. PVC Bottle NO ₂ : 30 mL X 2 No. PVC Bottle
Date of Sampling	11.02.2023	Date of Receipt of Sample	13.02.2023
Sampling Procedure	As per method reference		
Date of Start of Analysis	14.02.2023	Date of Completion of Analysis	15.02.2023

Sr. No.	Parameter	Unit	Result	#NAAQS	Method Reference
	<u>Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Ambient Air)</u>				
1	Sulphur Dioxide (SO ₂)	µg/m ³	8.9	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.1-6
2	Nitrogen Dioxide (NO ₂)	µg/m ³	10.7	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.7-10
3	Particulate Matter (size less than 10µm) or PM ₁₀	µg/m ³	56	100	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.11-14
4	Particulate Matter (size less than 2.5µm) or PM _{2.5}	µg/m ³	22	60	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.15-30

END OF REPORT

- Note:**
1. BQL: Below Quantification Limit.
 2. LOQ: Limit of Quantification.
 3. Duration of Sampling: 8h.
 4. TWA: Time Weighted Average
 5. NAAQS: National Ambient Air Quality Standard
 6. #- NAAQS specified as: 8 h. TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM₁₀, PM_{2.5},
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TEST REPORT

Report No.:	ME-NG02808-230217-SA- MELLORA-ANDHERI	Date: 17.02.2023
ULR No.:	TC748723000002598F	

Name and Address of Customer	MELLORA INFRASTRUCTURE PVT LTD "Karmvir Sky City" Marol Sahar Airport Road, Andheri East		WO No.: MIPL/J001/22-23/WO/006 WO Date: 15.06.2022
Sample Description / Type	Ambient Air	Sample Collected by	Laboratory
Sampling Location	Near Gate No.2	Sample Quantity / Packing	PM ₁₀ : Filter Paper 1 X 1 No. PM _{2.5} : Filter Paper 1 X 1 No. SO ₂ :30 mL X 2 No. PVC Bottle NO ₂ :30 mL X 2 No. PVC Bottle
Date of Sampling	11.02.2023	Date of Receipt of Sample	13.02.2023
Sampling Procedure	As per method reference		
Date of Start of Analysis	14.02.2023	Date of Completion of Analysis	15.02.2023

Sr. No.	Parameter	Unit	Result	#NAAQS	Method Reference
	<u>Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Ambient Air)</u>				
1	Sulphur Dioxide (SO ₂)	µg/m ³	10.8	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.1-6
2	Nitrogen Dioxide (NO ₂)	µg/m ³	14.1	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.7-10
3	Particulate Matter (size less than 10µm) or PM ₁₀	µg/m ³	58	100	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.11-14
4	Particulate Matter (size less than 2.5µm) or PM _{2.5}	µg/m ³	24	60	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.15-30

END OF REPORT

- Note:**
1. BQL: Below Quantification Limit.
 2. LOQ: Limit of Quantification.
 3. Duration of Sampling: 8h.
 4. TWA: Time Weighted Average
 5. NAAQS: National Ambient Air Quality Standard
 6. #- NAAQS specified as: 8 h. TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM₁₀, PM_{2.5},
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TEST REPORT

Report No.:	ME-NG02809-230217-SA- MELLORA-ANDHERI	Date: 17.02.2023
ULR No.:	TC748723000002599F	

Name and Address of Customer	MELLORA INFRASTRUCTURE PVT LTD "Karmvir Sky City" Marol Sahar Airport Road, Andheri East	WO No.: MIPL/J001/22-23/WO/006 WO Date: 15.06.2022
Sample Description / Type	Ambient Noise	
Date of Sampling	11.02.2023	Sampling Procedure IS 9876:1981

Sr. No.	Location	Time in h	Sound Level L_{eq} dB (A) Fast Response	Sound Level L_{eq} dB (A) Slow Response
Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Ambient Noise)				
1	Near Gate No.1	10:20	64	59
2	Near Gate No.2	11:10	62	58

As per The Noise Pollution (Regulation & Control) Rules, 2000 (Rules 3(1) and 4(1))				
Area Code	Area Type	Limits in dB (A) weighted scale		
		Day Time (6:00a.m. to 10:00 p.m.)	Night Time (10:00 p.m. to 6:00 a.m.)	
A	Industrial Area	75	70	
B	Commercial Area	65	55	
C	Residential Area	55	45	
D	Silence Zone	50	40	

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