COMPLIANCE REPORT

April 2020 - September 2020

M/s EAST VENICE HOTELS AND RESORTS PVT. LTD
ALLAPUZHA DISTRICT

KERALA

EAST VENICE HOTELS & RESORTS PVT LTD

Phone: 0477 2242281

30-11-2020

The Additional Principal Chief Conservator of Forests (C)
Ministry of Environment, Forests & Climate Change,
4th Floor, E& F Wing, Kendriya Sadan,
Koramangala, Bangalore – 560034

Ref :- File No. 11-19/2016-IA-III. Dt.11-08- 2017

Sub:- CRZ Clearance — Proposed Star Hotel Project at Survey Nos. 6, 6/2-3, 6/2-2, 6/2, Alappuzha West Village, Alappuzha Municipality, Alappuzha District, Kerala — Compliance report to the conditions of CRZ Clearance—first half — Reg.

Respected Sir,

The construction project was accorded Environmental Clearance for 4,231.10 Sq.m of build up area on 11-08-2017, vide order **File No. 11-19/2016-IA-III** by Ministry of Environment, Forest & Climate Change.The compliance report of First half (April 2020 – September2020) to the specific and general conditions of the CRZ Clearance is enclosed.

Thanking you,

Yours respectfully,

For, M/s East Venice Hotels and Resorts Pvt. Ltd.

Copy to:-The Chairman State Pollution Control Board (SPCB), Thiruvananthapuram, Kerala.

Encl: - As Above

Thanking you,

Yours respectfully,
For EAST VENICE HOTELS AND RESORTS PVI. LTD

Manantna Directo

Civil Station Ward Alannusha - 688012 Kerals

COMPLIANCE REPORT

TO

THE CONDITIONS

OF

ENVIRONMENTAL CLEARANCE ORDER

FILE NO: 11-19/2016-IA-III

DATED: 11.08.2017

FOR THE PERIOD OF

April 2020 - September 2020

PREPARED FOR

M/s EAST VENICE HOTELS AND RESORTS PVT. LTD SHANISHA, ARATTUVAZHI P.O ALAPPUZHA -688007 Kerala

PREPARED BY **ENVIRONMENTAL ENGINEERS & COUNSULTANTS PVT. LTD. A1-198, JANAK PURI NEW DELHI – 110 058, INDIA**

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INTRODUCTION

M/s East Venice Hotels And Resorts Pvt. Ltd is a 'Star Hotel' project situated at Survey No. 6,6/2-3, 6/2-2, 6/2. at Allapuzha west village, Alappuzha District, Kerala. The construction project was accorded CRZ Clearance on 11-08-2017 vide File No. 11-19/2016-IA-III by Ministry of Environment, Forest and climate Change.

The half yearly compliance report needs to be submitted as part of general condition No.07 of Environmental Clearance order by the project proponent. The compliance report to conditions of the Environmental Clearance for the period of April 2020 - September 2020 (First Half) is being submitted.

COMPLIANCE REPORT

(SPECIFIC CONDITIONS)

PART A

PART - A - SPECIFIC CONDITIONS

Construction Phase

01	The project proponent shall ensure that the guidelines for building and	complied
	construction projects issued vide this Ministry's OM No.19-2/2013-IA.III	
	dated 09.06.2015, are followed to ensure sustainable environmental	
	management	

Compliance:

The project proponent is being complied guidelines for building and construction stipulated in OM No.19-2/2013-IA.III dated 09.06.2015 issued by the Ministry of Environment, Forest & Climate Change. The solid wastes, liquid wastes, hazardous waste and construction wastes are handling as per the relevant rules published in 2016. These measures are being done under the supervision of NABET accredited Consultancy. To monitor all the aspects related to sustainable environment, the project proponent has constituted an Environment Monitoring Cell.

02	All conditions / recommendations stipulated by the Kerala Coastal Zone	Noted
	Management Authority (KCZMA) vide their letter No.	
	2515/A3/16/KCZMA/S&TD, dated 30th April, 2016, shall strictly be	
	complied with.	

Compliance:

To conserve the coastal zone as such, the project proponent is being implemented recommendations mentioned vide in their 2515/A3/16/KCZMA/S&TD, dated 30th April, 2016, of Kerala Coastal Zone Management Authority (KCZMA). The project proponent has constituted an internal committee to monitor the implementation of recommendations of KCZMA. The project proponent is very cautious that not to harm the coastal zone with its developmental activities.

03	The project proponent shall obtain all necessary clearance / permission	Complied
	from all relevant agencies including town planning authority before	
	commencement of work.	

Compliance:

The project proponent has obtained all necessary clearances / permission from all relevant Departments and competent authorities. The lists of obtained clearances / permission / approvals are listed below. The conditions stipulated in the clearances / permissions are being strictly executed by the project proponent. The copies of relevant permissions and approvals are attached as **Annexure No. 1, 8, 9, 13 & 14.** All approvals are having adequate validity period. A brief list of approvals is provided below.

- 1. CRZ clearance
- 2. Building permit from Local Self Government
- 3. Consent to Establish from PCB
- 4. NOC form Ground water Department
- 5. NOC form Fire and rescue Services

Ī	04	The construction in CRZ areas shall strictly in accordance with	Noted
		the provisions of CRZ Notification, 2011 and as amended from	
		time to time.	

Compliance:

To adhere the provisions of CRZ Notification 2011 and amendments, the project proponent is having a regular contact with the accredited consultant to update with the relevant provision of CRZ Notification and its amendment. The civil work of instant project is under progress. The project proponent scrupulously followed all the provisions stipulated in CRZ Notification, 2011 and as amended from time to time. The construction work is under process as plan submitted in KCZMA. The photograph of the current status is attached as Plate No.1.

05	Consent to Establish shall be obtained from State Pollution	Complied
	Control Board under the Air (Prevention and Control of Pollution)	
	Act, 1981 and the Water (Prevention and Control of Pollution) Act,	
	1974, prior to commencement of work.	

Compliance:

The project proponent obtained consent to Establish from State Pollution Control Board before the commencement of construction activities. The copy of the same is attached as Annexure No.9. The construction work started only after the issuance of consent to establish by State pollution Control Board.

06	There sha	all be no dre	ssing or alter	ation of the	sand	d dunes, natural	Noted
	features	including	landscape	changes	for	beautification,	
	recreation and other such purpose						

Compliance:

As part of beautification, recreation and other such purpose, no topographical changes is being done in and around the project site. The project proponent will seek expert advice to create such landscape beautification, recreation and other such purposes for eco friendly development. The project proponent will not do any beatification or alteration work outside the project site to destroy the natural features.

07	The development of resort / hotel shall be strictly for occupation	Noted
	of tourist and visitors. There should not be any construction for	
	residential purpose.	

Compliance:

The construction of Hotel and resort is progressing and it is only for the occupation of tourist and visitors not for residential purpose. The project proponent will not deviate from its plan to construct hotel cum resort. The construction project is progressing for tourist and visitors. The nature of project is mentioned in the building permit and Consent to establish of PCB which are attached as **Annexure No. 8 and 9.** The photograph of the current status is attached as Plate No.1.

80 All waste (liquid and solid) arising from the proposed project shall be disposed off as per the norms prescribed by State Pollution Control Board. There shall not be any disposal of untreated effluent into the surface / coastal water bodies. Waste water generated shall be treated in STP and reused for landscaping, flushing, HVAC cooling or other purposes. The project proponent shall make alternate arrangement for situation arising due to malfunctioning of STP. Regular monitoring of the effluent from STP shall be carried out under intimation to the SPCB.

Noted

Compliance:

The project proponent is keeping the project premises as a hygienic place. All Municipal and liquid wastes generated from the proposed project shall be disposed off as per the provisions prescribed in Municipal Solid Waste Management and Handling Rules, 2016 and norms stipulated by State Pollution Control Board. The bio degradable waste will be managed in site by treating the waste with bio bins or biogas plant.

The project proponent will install Sewage Treatment Plant to reuse the waste water generated from the project site. The treated water will be used for landscaping, flushing, cooling tower and other purposes. No untreated effluent will let out to the surface / coastal water bodies The project will enter into an agreement with STP supplier for timely maintenance of STP. Regular monitoring of effluent from STP will be conducted by a NABL approved laboratory. The project proponent is carrying out the monitoring in construction phase. The result of ambient air, noise and water is attached as **Annexure** No. 10,11 &12.

09	No labour camp, machinery and material storage shall be erected	Noted
	in CRZ area.	

Compliance:

The project proponent did not install any machinery, material storage spaces labors camp installed in the CRZ area All such facilities are provided outside the CRZ area. The CRZ area will be preserved as such.

10	The project proponent shall not undertake any construction within	Complied	
	200 m in the landward side of High Tide Line and with in the area		
	between Low Tide Line and High Tide Line. The proposed		
	constructions shall be beyond 200 m from the HTL.		

Compliance:

The project proponent did not do any construction activity within 200 meters in the landward side of HTL. The construction work of hotel and resort is progressing as per plan submitted in KCZMA, the project will construct the hotel cum resort beyond 200 meter in the landward side of High Tide Line. There is no construction is planned in the area between Low tide Line and High Tide Line.

11	There shall no ground water drawal within CRZ. Extraction of	Complied
	ground water shall be strictly carried out after obtaining prior	
	permission from the Competent Authority and the extraction point	
	shall be strictly from a point beyond CRZ.	

Compliance:

The project had submitted its application to get prior permission to construct open well in the project site. The permission was granted by the Department of Ground water to dig a well. The extraction point of ground water is beyond CRZ limit. The NOC from Department of Ground water is attached as **Annexure No. 13.** The drawl of ground water is not permitted in CRZ area. Therefore the project proponent did not plan to dig a well or extract ground water in CRZ area.

The project proponent shall ensure compliance to all the safety measures, as proposed for the project site, to meet any contingency during Tsunami or any such natural calamity including the construction of restaurant on stilts in the resort project site as assembling place as part of on-site emergency preparedness for all guests and staff within resort in case of any natural calamity.

Noted

Compliance:

The project has got initial NOC from Fire and rescue service and all conditions and guidelines are complied with. The project will install all necessary safety measures as proposed in the project site during its operational phase. These measures can face any contingency during Tsunami or any other natural calamity. An assembly point is earmarked there in the project site for all guests and staff within hotel cum resort in case of any disaster happens. The copy NOC form Fire and rescue service is attached as Annexure No. 14. The structural stability of the building is also up to mark to prevent possible earthquake. The project proponent has installed measures for firefighting equipments in construction phase.

Necessary arrangements for the treatment of effluents and solid 13 wastes must be made and it must be ensured that the untreated effluents and solid wastes are not discharged into the water or on the beach.

Noted

Compliance:

At present the volume of solid waste as food waste is too low. The project will handle and manage all type of waste with utmost care. The published Rules for Municipal solid waste, 2016, will be implemented for proper management of waste. To treat the solid waste, the project proponent will install bio-bin for bio degradable waste. The end product manure can be used in garden. STP will be installed to reuse the waste water generated from the project site. The water from STP will be used for landscaping, flushing, cooling and other purpose. No waste will let out to public stream or to beach. All type of wastes ie E waste, hazardous waste will be handled as per rules and guidelines of Govt. of India published in 2016.

14 In case, DG Sets is proposed to be used as back-up power, it shall be ensured that well designed acoustic enclosures are installed in the DG sets such that a desirable insertion loss viz. 25 dB(A) is achieved. Installation and operation of DG sets shall comply with the guidelines of CPCB.

Complied

Compliance:

To makeup energy requirement, the project proponent will use DG sets for power back up during its operational phase. To reduce the sound generated from the DG set and to achieve 25 dB(A) a well designed acoustic enclosures will ensure. The installation and operation of DG sets will comply with the guidelines of SPCB. The project proponent will try to use low sulpher diesel in DG sets to reduce the carbon emission. At present a small DG set is using with the capacity of 62.5 kVA for backup power. This DG set is also having adequate enclosures to reduce noise.

15 Disposal of muck during construction phase 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 approved sites with the approval of competent authority.

Complied

Compliance:

The project had taken care of disposal of muck during its piling time of construction phase. These will not create and adverse effect on the neighboring communities. All necessary precautions had taken for general safety and health aspects of people. Since the number of piling was less the amount of generated muck was also too low.

16	Any hazardous waste generated during construction phase, shall	Being
	be disposed off as per applicable rules and norms with necessary	complied
	approvals of the State Pollution Control Board.	

Compliance:

At present in construction phase the hazardous waste is spent oil and oil filters which are being handled properly. The instant project is for hotel cum resort project therefore the generation of hazardous waste will be low. The expected hazardous wastes are used oil, oil filters, paint tins, will be handed over to recyclers approved by Pollution Control Board. The handling and management of hazardous waste will be in tune with the Hazardous Waste Management and Handling Rules, 2016.

COMPLIANCE REPORT

(SPECIFIC CONDITIONS -**OPERATIONAL PHASE)**

PART II

II. Operation Phase

01	A 2% of 'the Cost of the project shall be apportioned for	Noted
	environment protection and conservation measures to be spent	
	by the project proponent towards fulfilling its Corporate	
	Environmental Responsibility (CER) during the currency of the	
	project. Proper record and account of measures taken should be	
	maintained and should also be submitted to the CZMA.	

Compliance:

The instant project is under construction stage. The project proponent will spend 2% of the project cost for environment protection and conservation measures. The CER will be implemented under the OM dated 01-05-2018 issued by Ministry of Environment, Forest & Climate Change. A proper record for CER and its account of measures taken will be maintained and will be submitted to the CZMA. The project proponent is intending to implement CER activities in its operational phase.

02	The quantity of fresh water usage, water recycling and rain water	Will b	ре
	harvesting shall be measured and recorded to monitor the water	complied	I
	balance as projected by the project proponent. The record shall		
	be submitted to the Regional Office, MoEF&CC along with six		
	monthly monitoring reports.		

Compliance:

To monitor the water usage, recycling and rain water harvesting, water meters will be installed at relevant places. The project will collect rain water in its maximum. STP will install with adequate capacity to recycle the waste water. The monitoring data will be recorded in hotel cum resort office which will be sent to Regional Office of MoEF & CC along with six monthly monitoring reports.

03	Solid	waste	shall	be	collected,	treated	and	disposed	in	Will	be
	accord	dance w	ith the	Solic	l Waste (Ma	nagemen	t) Rule	es, 2016.		Compl	ied

Compliance:

As part of solid waste management, the solid waste can be divided in to two; Bio degradable and Non - bio degradable wastes. The bio degradable waste will be handled through colour coded bin to collect. The segregated waste will be dump in to bio-bins installed. The end product from bio-bins will be manure which can use in garden.

The non bio- Degradable waste will also collect through colour coded bins and keep in a designated place. This will be sold to local vendors for recycling. The collection handling and disposal will be in tune with Municipal Solid waste Management and handling Rules 2016.

04	Parking facility with 6 m clear driveway shall be provided.	Will	be
		compli	ed

Compliance:

The project proponent has provided parking facility for the instant construction of hotel cum resort project. The driveway is planned with 6 meters. The project proponent will implement the parking plan as submitted at competent authority. The copy of submitted parking plan is attached as **Annexure No.15.**

Ī	05	Project	Proponent	shall	ensure	regular	operation			be
		standard	nnce of the Sī s laid down ns (If any) stij	under	the rule	es and sl		meet	Comp	lied
		to Opera	te.							

Compliance:

To conserve water and to reuse used water the project proponent will install STP for recycling the waste water generated from the project site. The project proponent will engage with the STP supplier and a NABL accredited laboratory for regular maintenance to meet the effluent discharge standers laid down in the Kerala State Pollution Control Board.

06	The green belt of the adequate width and density prefe	rably with	Will	be
	local species along the periphery of the plot shall be	raised so	Complie	ed
	as to provide protection against particulates and noise.			

Compliance:

To reduce noise and air pollution the project will plant various species including local species as green belt with adequate width. Since it is a Hotel cum resort project, the proponent is planning to plant various saplings along the periphery of the project to enhance the aesthetic value and biodiversity of the project site. The details of proposed species will be given once the landscaping plan finalized.

07	Rain water harvesting system from roof run-off and surface run	Will	be
	off, shall be installedBefore recharging the surface run off, pre-	Compli	ed
	treatment must be done to remove suspended matter, oil and		
	grease. The bore well for rain water recharging should be kept at		
	least 5m above the highest ground water table.		

Compliance:

The project proponent will harvest the rain water from roof top. The collection of surface run off is not mentioned in the EMP. The rain water harvesting through recharge pits is not feasible due to the location of high ground water table within the site. Since there is no harvesting of surface runoff the project didn't construct chamber for pre treatment to remove suspended matter. The PP started to construct the rain water harvesting tank in the instant project.

80	Energy conservation measures like installation of CFLs	Will	be
	/TFLs for the lighting the areas outside the building should be	Comp	lied
	integral part of the project design and should be in place before		
	project commissioning. Use CFLs and TFLs should be properly		
	collected and disposed off/sent for recycling as per the prevailing		

guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible.

Compliance:

The project proponent will try to implement the guidelines of BEE for energy conservation. As part of energy conservation, the project proponent will use a wide range of LED and CFL lights. The project will install solar panels in operational phase of the hotel cum resort project. The discarded LEDs/CFIs/TFLs will be properly collected and disposed off for recycling as per the prevailing guidelines to prevent mercury contamination. The accurate details will be informed ones it finalized.

COMPLIANCE REPORT

(GENERAL CONDITIONS)

PART B

PART - B - GENERAL CONDITIONS

01	The funds earmarked for environmental protection measures shall	Noted
	be kept in separate account and shall not be diverted for other	
	purpose. Year-wise expenditure shall be reported to this Ministry	
	and its concerned Regional Office.	

Compliance:

The project proponent has submitted an environment Management Plan. As part of Environment protection, the project proponent will initiate measures like green area development, installation of STP, Construction of Rain water harvesting tanks, spraying of water to arrest the dust, Energy conservation etc. The details of expenditure will be given once the project started.

02	Full co-operation shall be extended to the officials from the	Noted
	Regional Office of MoEF&CC, during monitoring of	
	implementation of environmental safeguards stipulated. It shall be	
	ensured that documents/data sought pertinent is made available o	
	the monitoring team. A complete set of all the documents	
	submitted to M:oEF&CC shall be forwarded to the concerned	
	Regional Office of MoEF&CC.	

Compliance:

As part of environment protection, the project proponent will assure to execute all possible measures stipulated in CRZ clearance. The project proponent will keep files regarding activities executed in project site for environment sustainability. The project will extend all support to the officials from the regional of MoEF&CC for their monitoring. The Project proponent has submitted a complete set of all documents to the regional office of MoEF&CC.

-	03	Ambient noise levels should conform to residential standards	Complied
		both during day and night as per Noise Pollution (Control and	

Regulation) Rules, 2000. 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 / SPCB.

Compliance:

Since it is a hotel cum resort project there will be no sound generating activity from the project site. Ambient noise levels are conformed to residential standards both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. To reduce pollution load on ambient air and noise various mitigation measures will be implemented by the Project proponent. To confirm the limits, the proponent is conducting regular environmental monitoring by a NABL accredited laborotary. The copy of the monitoring result of ambient air, noise and water is attached as Annexure No. 10, 11 & 12. Water sprinkling, green cover, appropriate enclosures are some of the measures taken by the proponent to reduce ambient noise and air pollution.

04	A copy of the clearance letter shall also be displayed on the	Complied
	website of the concerned State Pollution Control Board. The Clearance letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/Tehsildar's office	
	Clearance letter shall also be displayed at the Regional Office,	
	District Industries centre and Collector's Office/Tehsildar's office	
	for 30days.	

Compliance:

The project proponent has submitted its clearance order to State Pollution control Board, district industries center and Tehsildar's office and district collector's office. The acknowledgment towards the submission is attached as Annexure No. 2, 3, 4, 5 & 6

05	In the case of any change(s) in the scope of the project, the	Noted
	project would require a fresh appraisal by this Ministry	

Compliance:

At present there is no plan to change its scope. The project will seek for a new Environmental Clearance from concerned statutory authority in the case of any change(s) in the scope of the project.

06	A copy of the clearance letter shall be sent by the project	Complied
	proponent to concerned Panchayat, Zilla Parisad / Municipal	
	Corporation, Urban Local Body, 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 project proponent.	

Compliance:

A copy of clearance letter was submitted to Municipal office. The copy of acknowledgment towards submission is attached as Annexure No.6 The proponent didn't receive any suggestion / representation from any NGO or individual so didn't give to them the copy of clearance order.

07	The project proponent shall upload the status of compliance of Complied						
	the stipulated 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&CC, the						
	respective zonal office of CPCB and the SPCB.						

Compliance:

The compliance to the conditions stipulated in order is periodically updated and simultaneously sent to the regional office of MoEF&CC and office of SPCB. The Second compliance report is being submitted. The monitored data is attached as Annexure No. 10, 11 &12. The project proponent is being uploaded its status of compliance in our website along with results of monitoring data.

80	The above stipulations would be enforced among others under Noted						
	the provisions of the Water (Prevention and Control of Pollution)						
	Act, 1974, the Air (Prevention and control of Pollution) Act, 1981,						
	the Environment (Protection) Act, 1986, the Public Liability						
	(Insurance) Act, 1991, the EIA Notification, 2006 and the CRZ						
	Notification, 2011.						

09 The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

Noted

Compliance:

The project proponent is willing to execute all additional environmental safeguard measures provided by the Ministry of Environment, Forest and Climate Change if it is found necessary.

All other statutory clearances such as the approvals for storage of diesel from Chief Controller of explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.

Being Complied

Compliance:

The Project has got majority of required approvals and clearances from various competent authorities and departments. The project will start its work only after obtaining all statutory clearances. Clearances from aviation, explosive, wild life are not requires to the instant project site.

11 The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board (SPCB) and may also be seen on the website of the Ministry of Environment, Forest Climate and Change at http://www.envfor.nic.in. advertisement should be made within seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the concern regional office of this Ministry.

Complied

Compliance:

The project proponent advertised regarding the project has got CRZ Clearance in two local Newspapers widely circulated in the region within the stipulated time period. The same was submitted to the Regional Ministry at Bangalore. The Advertisement is attached as Annexure No. 7

12	This Clearance is subject to final order of the Hon'ble Supreme	Noted
	Court of India in the matter of Goa Foundation Vs Union of India in	
	writ Petition (Civil) No.460 of 2004 as may be applicable to this	
	project.	

13	Any appeal against this clearance shall lie with the National Green	Noted				
	Tribunal, Southern Zone, at Chennai, if preferred, within a period					
	of 30 days as prescribed under Section 16 of the National Green					
	Tribunal Act, 2010.					

The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986. It shall also be put on the website of the company along with the status of Compliance of conditions and shall also be sent to the respective Regional Office of MoEF&CC.

Noted

Compliance:

The Environmental statement for each financial year ending 31st March in form –V will submit to State pollution Control Board as prescribed under the Environment (Protection) Rules, 1986.



F.No.11-19/2016-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(IA-III Section)

Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 3 Dated: 11 August, 2017

To

M/s East Venice Hotels and Resorts Pvt. Ltd Shanisha, Arattuvazhi P.O Alappuzha – 688007 Kerala

Sub: 'Star Hotel' project at sy No. 6, 6/2-3, 6/2-2, 6/2, Alappuzha West Village, Alappuzha District, Kerala — CRZ Clearance - reg.

Sir,

This has reference to your proposal No. IA/KL/MIS/53506/2016 dated 17th June, 2016, submitted to this Ministry for grant of CRZ Clearance in terms of the provisions of the Coastal Regulation Zone (CRZ) Notification, 2011 issued under the Environment (Protection) Act, 1986.

- 2. The proposal has been considered by the Expert Appraisal Committee (EAC)-Infrastructure Development, Coastal Regulation Zone, Building / Construction and Miscellaneous Projects, in its 161st Meeting held on 26.07.2016. The details of the project, as per documents submitted by you and as informed during the aforesaid meeting are as under:
 - i) The project involves construction of Star Hotel Project at Survey Nos. 6, 6/2-3, 6/2-2, 6/2, Alappuzha West Village, District Alappuzha (Kerala).

The project is located at 09°29'39; 24.85"N Latitude and 76°19'13.91"E Longitude.

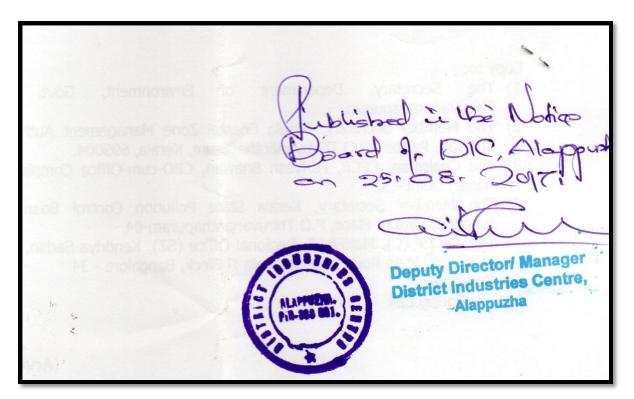
- iii) The total plot area is 1,944 sq. m. The project will comprise of 42 guest rooms in Hotel building with supporting infrastructure facilities. FSI area will be 1.85 and the total construction area will be 4,231.10 sq. m. A total of 42 Guest Rooms will be developed. Maximum height of the building will be 20.6 m.
- iv) During construction phase, total water demand of the project is expected to be 17 KLD which will be met by Public supply & stored rain water. During the construction phase, portable toilets with mobile STP for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.
- v) During operational phase, total water demand of the project is expected to be 20 KLD and the same will be met by the Public supply & stored rain water. Wastewater generated (16 KLD) will be treated in STP of total 25 KLD capacity. 15 KLD of treated wastewater will be recycled (6 KLD for flushing, 5 KLD for gardening and excess to use as make-up water for cooling purposes). About Nil KLD will be disposed in to municipal drain.
- vi) About 60 Kg/day solid waste will be generated in the project. The biodegradable waste (36 Kg/day [60%]) will be processed Bio-bin system and

said

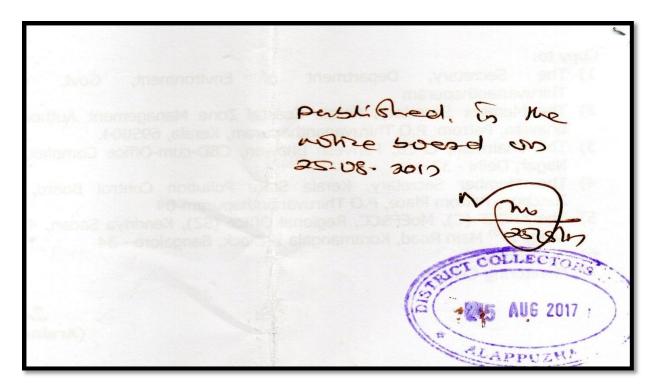
CRZ clearance

കേരള സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡ്
ജില്ലാ ഓഫീസ്, ആലപ്പുഴ-13, ഫോൺ : 0477-2235384 നമ്പർ: 3818 ചു ക്രാർ venice Hold & Resort
Shanisha Aratturazh; Alappasha CR2 Clearan(2 വദ്വർച്ച് താങ്കളുടെ 08 19 17 തീയതിയിലെ പരാതി/നിവേദനം/അപേക്ഷ/ കുചയുടെ
ഡ് <u>വി.പ്പി. (ന്നംതീയതി)കൈപ്പറ്റിയിരിക്കുന്നു. ആയതിന്മേലുള്ള തീരുമാനം എത്രയും വേഗം താങ്കളെ അറിയിക്കുന്നതാണ്. ഇതിന്മേൽ തുടർന്നുള്ള എഴുത്തുകുത്തുകളിൽ</u>
ഈ രസീതിലെ നമ്പറും തീയതിയും ദയവായി സൂചിപ്പിക്കുക. ഒപ്പ് : <i>B്ര</i>
പേര് : തസ്തികം

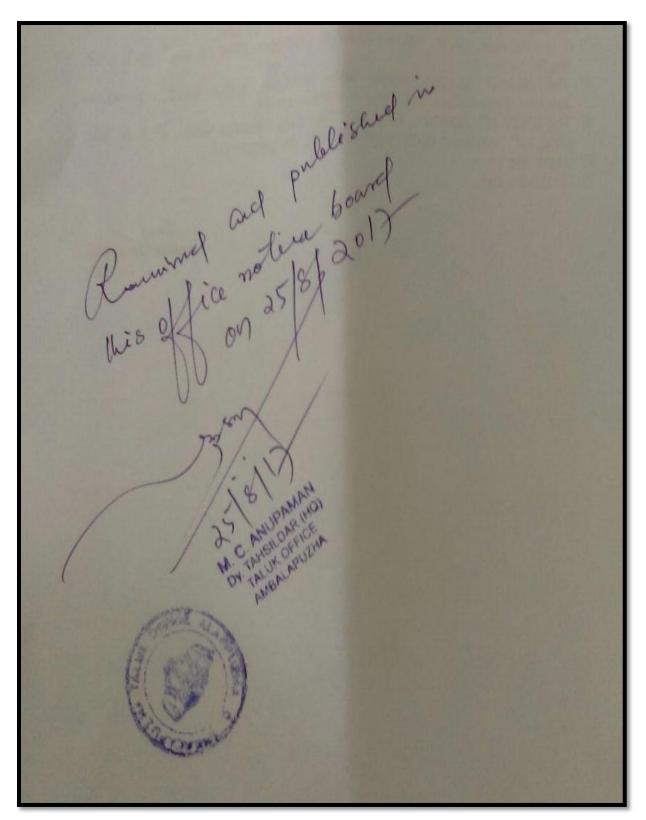
Acknowledgment from Pollution Control Board



Acknowledgment from district Industries centre



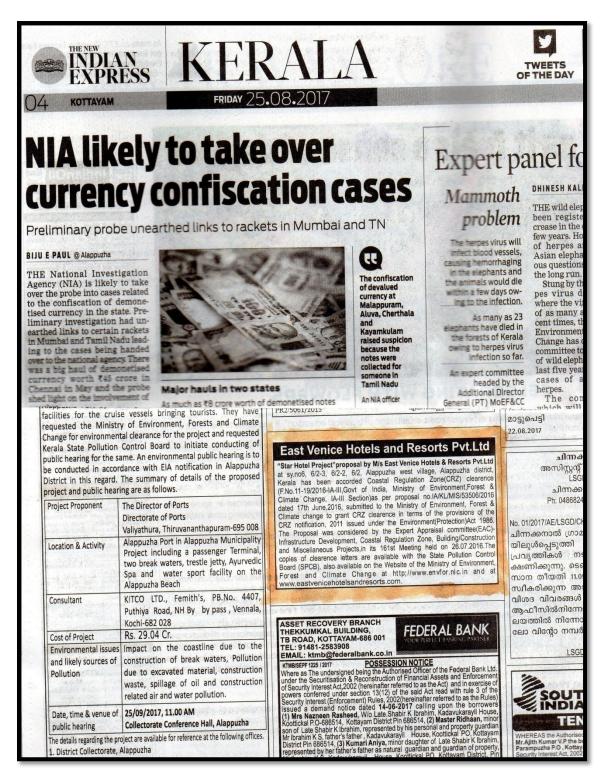
Acknowledgment from office of District Collector



Acknowledgment from office of Tahsildar

)	Alappuzha Municipality		Alappuzha Municipality		
)	MO Ward, Alappuzha, Phone:0477 2251792		MO Ward, Alappuzha, Phone:0477 2251792		
	Inward No	26469	Inward No	26469	Year
)	Date of Receipt 1	9/08/2017	Date of Receipt	19/08/2017	2017
)	Section E	26	Name of Applicant	M/S East Venice Hote 0-, Arattuvazhy Ward	
)	Date of Delivery	V	Subject	SSTAR HOTEL PRO	JECT - REG
)			Date of Delivery		
)	26469 / 2017 E6		Section	E6	
	19/08/2017 12:20:1	1PM		19/08/2017 12:20:	11DV

Acknowledgment from Alapuzha Municipality



The New Indian Express - Daily news paper - English - 27-08-2017

മംഗളം 2017 ഓഗസ്റ്റ് 24 വ്യാഴം KTM

കലക്ടറേറ്റ് മാർച്ചും ധർണയും നാളെ

ആലപ്പുഴ; ഒരുലക്ഷം യുവ കർഷക സമിതി നേതൃത്വത്തിൽ സംഘ ടിപ്പിച്ചിരിക്കുന്ന കലക്ടറേറ്റ് മാർച്ചും ധർണയും നാളെ നടക്കുമെന്ന് സംഘാടകർ പത്രസമ്മേളനത്തിൽ ആരോപിച്ചു. രാവിലെ 10ന് ഇ. എം.എസ്. സ്റ്റേഡിയത്തിന് സമീപത്തുനിന്നുമാണു മാർച്ച് ആരംഭി ക്കുന്നത്. കലക്ടറേറ്റിനു മുന്നിൽ ധർണ മുൻ എം.എൽ.എ. ഡി. സു ഗതർ ഉദ്ഘാടനം ചെയ്യും.

എ.എ. ഷുക്കൂർ മുഖ്യപ്രഭാഷണവും കെ.പി.സി.സി എക്സിക്യു ട്ടീവ് അംഗം സി.കെ. ഷാജിമോഹൻ സമരസന്ദേശവും നൽകും. ല ക്ഷം തൊഴിൽമാന പദ്ധതി അംഗങ്ങളുടെ പെൻഷൻ ഗ്രാറ്റിവിറ്റി കുടി ശിക ഓണത്തിന് മുമ്പ് വിതരണം ചെയ്യുക. പെൻഷൻ 10,000 രൂപ യാക്കി വർധിപ്പിക്കുക തുടങ്ങിയ ഏഴിന ആവശ്യങ്ങളുന്നയിച്ചാണ് സമരം സംഘടിപ്പിച്ചിരിക്കുന്നതെന്ന് ഒരു ലക്ഷം യുവ കർഷക സമി തി സംസ്ഥാന പ്രസിഡന്റ് കെ.പി. ബൈജു, ആലപ്പുഴ ജില്ലാ പ്രസി ഡന്റ് ബിന്ദു ചുനക്കര, വേണുഗോപാലൻ പോറ്റി, വിജയകുമാരി കു ഷ്ണപുരം, സി. ചന്ദ്രൻ ചെറുതന എന്നിവർ പത്രസമ്മേളനത്തിൽ അറിയിച്ചു.

ഇൻകുബേഷൻ സെന്റർ ആരംഭിച്ചു

ആലപ്പുഴ: ജില്ലയിലെ സംരംഭകർക്ക് സംരംഭകത്വ വികസനം, വ്യാപാ ര വാണിജ്യ വിപുലീകരണം തുടങ്ങിയ സഹായങ്ങൾ നൽകുന്നതി ന് ജില്ലാ വ്യവസായ കേന്ദ്രത്തിൽ ഇൻകുബേഷൻ സെന്റർ പ്രവർത്ത നമാരംഭിച്ചു. നഫോൺ: 0477- 2251272, 9496333376.



 പെരുമ്പളം ഹയർസെക്കൻഡറി സ്കൂളിൽ മംഗളം ഐ.എൻ.ടി.യു.സി ജില്ലാ ജനറൽ സെക്രട്ടറി കെ.പി. ശശ

വയലാർ രവി എം.പിയുടെ പ്രാദേശികവികസന പദ്ധതി

615 പ്രവൃത്തി പൂർത്തിയായി ചെലവഴിച്ചത് 40.55 കോടി

ആലപ്പുഴ: വയലാർ രവി എം.പി.യുടെ പ്രാദേശിക വികസന നിധിയുപയോഗിച്ച് അനുവദിച്ച 686 പ്ര വൃത്തികളിൽ 615 എണ്ണവും ഇതിനകം പൂർത്തീക രിച്ചു.

എറണാകുളം, കണ്ണൂർ, കൊല്ലം, കോട്ടയം, മല പ്പുറം, പത്തനംതിട്ട, കോഴിക്കോട്, തൃശ്ശൂർ, പാല ക്കാട് ജില്ലകളിലായാണ് 4845.89 ലക്ഷം രൂപയുടെ പദ്ധതികൾക്ക് അനുമതി നല്കിയത്.

പൂർത്തീകരിച്ച പദ്ധതികളിലായി 4055.98 ല ക്ഷം രൂപ ചെലവഴിച്ചു. 71 പദ്ധതികൾ പുരോഗമി ക്കുന്നതായും ഇതുവരെ 63.95 ലക്ഷം രൂപ ചെലവ ഴിച്ചതായും കണക്കുകൾ വ്യക്തമാക്കുന്നു. ജില്ലാ കലക്ടർ വീണ എൻ. മാധവന്റെ അധ്യക്ഷതയിൽ ചേർന്ന എം.പി. ഫണ്ട് അവലോകന യോഗത്തി ലാണ് ഈ കണക്ക്.

വയലാർ രവി എം.പി.യുടെ സാന്നിധ്യത്തിൽ നടന്ന യോഗത്തിൽ വിവിധ ജില്ലകളിലെ ബന്ധ പ്പെട്ട ഉദ്യോഗസ്ഥരും പങ്കെടുത്തു.

വനിതാ കമ്മിഷൻ മെഗാ അദാലത്ത് ഇന്ന്

ആലപ്പുഴ: കേരള വനിതാ കമ്മിഷന്റെ ജില്ലയിലെ മെഗാ അദാലത്ത് ഇന്നു രാവിലെ 10.30 ന് ജില്ലാ പ ഞ്ചായത്ത് ഹാളിൽ നടക്കും.

ഈസ്റ്റ് വെന്നീസ് ഹോട്ടൽസ് ആൻഡ് റിസോർട്സ് പ്രൈവിറ്റ് ലിമിറ്റഡ് ആലപ്പുഴ ജില്ലയിൽ ആലപ്പുഴ വെസ്റ്റ് വില്ലേജിൽ ഈസ്റ്റ് വെനിസ് ഹോട്ടൽ സ് ആൻഡ് റിസോർട്സ് പ്രൈവറ്റ് ലിമിറ്റഡ് (എസ്.വൈ നമ്പർ 6,6/2-3,6/2-2,6/2) സ് ആർപ്പ് റിസോർട്സ് പ്രൈവറ്റ് ലിമിറ്റഡ് (എസ്.വൈ നമ്പർ 6,6/2-3,6/2-2,6/2) സ് റ്റാർ ഹോട്ടൽ പ്രോജക്ടിന് തീരദേശ പരിപാലന നിയമ പ്രകാരം (സി.ആർ.ഇസഡ്) അനുമതി ലഭിച്ചിട്ടുണ്ട്. (എഫ്. നമ്പർ 11-19/2016 ഐ എ-ണ്ടങ്ങങ്ങ, കേന്ദ്ര പരിസ്ഥിതി മന്ത്രാലയം -വനം, കാലാവസ്ഥ വ്യതിയാനം, ഐ എ-ണ്ടങ്ങങ്ങ സെക്ഷൻ). (പ്രൊപ്പോസൽ നമ്പർ-ഐ എ/കെ.എൽ/എം.ഐ.എന്/53566/2016, തിയതി.) 7 ജൂൺ 2016) 1986-ലെ പരിസ്ഥിതി(സംരക്ഷണം) നിയമപ്രകാരം ലഭിച്ച അനുമതി വിദഗ്ധ വിലയിരുത്തർ കമിറ്റി (Expert appraisal commite-EAC) അടിസ്ഥാന വികസനം, തീരദേശപരി പാലന നിയമം, കെട്ടിടം/നിർമാണം, ബഹുവിധ പിദ്ധതി എന്നിവൽക് 26-07-2016ൽ നടന്ന 161-ാമത് യോഗത്തിൽ പരിഗണിച്ചു. ഇതിന്റെ അനുമതി സംബന്ധിച്ച കത്തും രേഖകളും സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡിൽ (എസ്.പി.സി.ബി) ലഭ്യമാണ്. കൂടാതെ പരിസ്ഥിതി മന്ത്രാലയത്തിന്റെ http://www.envfor.nic.in എന്ന വെബ്സൈറ്റിലും www.eastvenicehotelsandresorts.com എന്ന വെബ്സൈറ്റിലും www.eastvenicehotelsandresorts.com എന്ന വെബ്സൈറ്റിലും elagapami.

ഗണേശോത്സവം

ചേർത്തല: കണിച്ചുകുളങ്ങര ദേവീ ക്ഷേത്രത്തിൽ ഗണേ ശോത്സവം ഇന്നു മുതൽ 27 വ രെ നടക്കും. വൈകിട്ട് ഏഴിന് ദേവസ്വം പ്രസിഡന്റ് വെളോറ്റു ള്ളി നടേശൻ ഭ്യദദീപ പ്രകാശ നം നിർവഹിക്കും. തുടർന്ന് വി ഗ്രഹപ്രതിഷ്ഠ, പ്രഭാഷണം. നാളെ രാവിലെ ഒൻപതിന് ഗ ണേശപുജ, 10.30 ന് ഭജന, ഒ വെകിട്ട് ഏഴിന് പ്രഭാഷണം. 26 ന് രാവിലെ 5.30 ന് അഷ്ട്യവ്യ ഗണപതിഹോമം, വൈകിട്ട് ഏ ഴിന് മംഗളാരതി. 27 ന് ഉച്ചയ് ക്ക് മുന്നിന് പ്രഭാഷണം, 4.30 ന് നിമജ്ജനഘോഷയാത്ര.

ബിഷപ് ഡേ വി.കെ. രാജ മദർ തെരേ

മാന്നാർ: മദർ തെരേ സാ ട്രോഫി ജലമേ ജയുടെ ഭാഗമായിട്ടു ള്ള പുരസ്കാരങ്ങൾ പ്രഖ്യാപിച്ചു. ആ തുര സേവനരംഗ ത്ത് മികച്ച പ്രവർത്ത നങ്ങൾക്ക് നേതൃ ത്വം നൽകുന്ന തിരു വല്ലാ ബിലീവേഴ്സ് ആശുപത്രി ചെയർമാ " ൻ ഡോ. കെ.പി. യോ പ ഫ്രാ പ്രോ പ്രത്യാപ്ര

മാംവിധം ആത്മിയത്തോ ല്ലാ ബിലീവേഴ്സ് ആശ്യപ്പ ളാം പരിഗണിച്ചും സ്വദേം കാരുണ്യ പ്രവർത്തനങ്ങ യും പുരസ്കാരത്തിന് അ ടി. ചെറുകോൽ അറിയി. പത്രവും ഒക്ടോബർ ഒന ടെ സമാപനത്തിൽ പ്രതി കാരങ്ങൾ സമാഹനിക്കും.

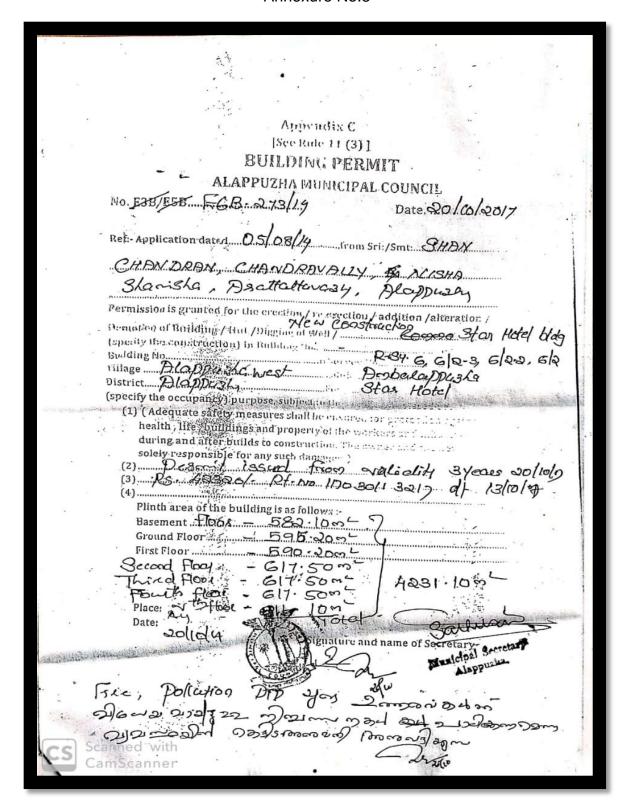
സംസ്ഥാന ലൈ ഡി.ഡി.ഒമാർക്ക് .

ആലപ്പുഴ: സംസ്ഥാന െ പ്രീമിയം അടവ് വിവരങ്ങ പ്ലെടുത്താൻ ഡി.ഡി.ഒ.മാർ ബ് ട്രേഷറിയുടെ പരിധിയി രാവിലെ 10 മുതൽ ഉച്ചയ്. സ് ഹാളിൽ നടക്കും. ഫോ

പരിശീലന കോഴ്

ആലപ്പുഴ: ഗവ. പ്രീപ്രൈമര ദൈവത്സര പ്രീപ്രൈമറി ര ത്തിന് ഓഗസ്റ്റ് 31 വരെ ത

Mangalam - Daily news Paper - Malayalam - 24-08-2017



Building permit



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/ALP/UCE-1145/14 Date of issue :01/06/2018

INTEGRATED CONSENT TO ESTABLISH - RENEWAL

Consent No: PCB/HO/ALP/ICE/01/R1/2018

Ref: CONSENT NO:PCB/HO/ALP/ICE/01/2015 DATED:12.05.2015 VALID UPTO:31.03.2018

The 'Integrated Consent to Establish' issued as per reference above to M/s HOTEL PROJECT, BEACH ROAD, AMBALAPUZHA, ALAPPUZHA is hereby renewed up to 31/03/2023 and issued to M/s HOTEL PROJECT, BEACH ROAD, AMBALAPUZHA, ALAPPUZHA The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description		
1	REMITTED FEE	RS.234600/-		
2	VALIDITY	31.03.2023		
3 ANNUAL FEE		RS.43000/-		
4	RENEWAL DATE	31.01.2023		
5	CAPITAL INVESTMENT	RS.798 LAKH		
6	CATEGORY	ORANGE		

II. Stack Details

Stack No.	Source of	Emission	Stack Height above		Control
	Emission	Rate(Nm3/Hr)	Ground Level	Roof Level	Equipment

III. CONDITIONS

- 1. Arrangements of rain water harvesting including open well / Bore well/ Ground water recharging shall be provided within one month.
- 2. Any change in the unit and machineries/particulars furnished in the application/attachments /or in the

Pagel

identity of the occupier/authorized agent shall be intimated to the Board within a week and consent variation shall be obtained.

- 3. The occupier shall comply with all the environmental rules and the related act stipulated by the government, relevant instructions Board may issue from time to time for the prevention and control of pollution and protection of environment.
- 4.For renewal of the consent in case of continuance of operation of the industry, application in the prescribed form shall be submitted through the web portal of the Board http:// krocmms. nic.in for renewing the Consent on or before two months in advance to expiry date. Late application will be accepted with 10% (for application before expiry date) & 50% of yearly fee as late fee for application after due date.
- 5. The treatment system shall consist of MBBR, PCF, ACF & UF and minimum 50% of waste water shall be reused for flushing, floor and vehicle washing, gardening, make up water for compensating evaporation loses.
- 6. This consent is granted on the basis of the information in the application, affidavit and other documents furnished by the applicant. If any of the statement furnished in the application / affidavit /document is found false, the consent issued will be withdrawn/ cancelled and fee will be lapsed automatically.

All other conditions of the Integrated Consent to Establish issued as per reference above remain unchanged.

Biju. B

Digitally signed by Biju. B Date: 2018.06.10 16:44:15 +05'30'

DATE :01/06/2018 SIGNATURE & SEAL OF ISSUING AUTHORITY ENVIRONMENTAL ENGINEER



To HOTEL PROJECT, BEACH ROAD AMBALAPUZHA, ALAPPUZHA

- 1. This digitally signed document is legally valid as per the Information Technology Act 2000
- 2. For verifying this document please to to krocmms.nic.in and search using date of issue/name of the unit/Application Number in "Consent Granted Applications" link in the home page of the Board's Online Consent Management and Monitoring System.

Page2



TEST REPORT

Test Report No: 20200519/R017	Date: 23.05.2020	Page 1 of 1

	CUSTOM	ER DETAILS		
Customer Details	Name & Address	M/s East Venice Hotels & Resorts Pvt Ltd Shanisha, Arattuvazhi P.O, Alappuzha, PIN-688007		
Location of Site	Survey No	6, 6/2-3, 6/2-2, 6/2		
	Village	Alappuzha West		
	Municipality	Alappuzha		
	Taluk	Ambalappuzha		
	District	Alappuzha		
	State	Kerala		
Customer Reference				
	SAMPLI	E DETAILS		
Source of Sample	Ambient Air	Sample Code	20200519/S017	
Location of Monitoring	South side boundary	Sampled By	Laboratory	
Date of Monitoring	19.05.2020	Test Started On	21.05.2020	
Sample Received on	20.05.2020	Test Completed On	23.05.2020	
Humidity	70 %	Sampling Procedure	IS 5182 Part V & XIV	

SL NO	TEST PARAMETER	TEST METHOD	UNIT	RESULTS	NAAQ STANDARD
01	Particulate matter (PM ₁₀)	IS 5182 Part 23: 2006 RA 2017	$\mu g/m^3$	58.5	100 (Max)
02	Particulate matter (PM _{2.5})	EPA 40 CFR Part 50 Appendix - L	μg/m³	25.1	60.0 (Max)
03	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001 RA 2017	μg/m³	< 2.00	80.0 (Max)
04	Nitrogen dioxide (NO ₂)	IS 5182 Part 6: 2006 RA 2017	μg/m³	< 2.00	80.0 (Max)

End of Report

For and on behalf of Standard⁸ Environmental & Analytical Laboratories



Authorized Signatory
Rija Joseph
Technical Manager

Standard^S Environmental & Analytical Laboratories
Accreditation and Approval: NABL as per ISO 17025: 2017 & "A" Grade Laboratory of KSPCB
K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com

Result of Ambient Air

Page 1 of 1

Annexure No.11



Test Report No: 20200519/R018

Method

TEST REPORT

Date: 23.05.2020

IS 9989:1981 RA:2008

	CUSTO	OMER DETAILS
		M/s East Venice Hotels & Resorts Pvt Ltd
Customer Details Name &	200000-700-1000-0	Shanisha,
	Name & Address	Arattuvazhi P.O,
		Alappuzha, PIN-688007
	Survey No	6, 6/2-3, 6/2-2, 6/2

Survey No 6, 6/2-3, 6/2-2, 6/2			
Village	illage Alappuzha West		
Municipality Alappuzha			
Taluk Ambalappuzha			
District	Alappuzha		
State	Kerala		
SAN	MPLE DETAILS		
	Ambient Sound Level		
	20200519/S018		
	South side Boundary		
	19.05.2020		
	Village Municipality Taluk District State	Village Alappuzha West Municipality Alappuzha Taluk Ambalappuzha District Alappuzha State Kerala SAMPLE DETAILS Ambient Sound Level 20200519/S018 South side Boundary	

DAYTIME	RESULT	NIGHTTIME	RESULT
06.00 Hrs	37.2 dB (A)	23.00 Hrs	33.2 dB (A)
07.00 Hrs	39.9 dB (A)	00.00 Hrs	35.6 dB (A)
08.00 Hrs	44.2 dB (A)	01.00 Hrs	36.3 dB (A)
09.00 Hrs	47.6 dB (A)	02.00 Hrs	35.9 dB (A)
10.00 Hrs	49.9 dB (A)	03.00 Hrs	36.6 dB (A)
11.00 Hrs	53.0 dB (A)	04.00 Hrs	35.6 dB (A)
12.00 Hrs	50.3 dB (A)	05.00 Hrs 37.3	
13.00 Hrs	49.5 dB (A)	RESULTS	
14.00 Hrs	49.9 dB (A)		
15.00 Hrs	50.3 dB (A)		
16.00 Hrs	51.5 dB (A)		
17.00 Hrs	51.8 dB (A)	Noise Level (Leq) Daytime	48.4 dB (A)
18.00 Hrs	46.5 dB (A)		
19.00 Hrs	43.0 dB (A)		
20.00 Hrs	39.2 dB (A)	Noise Level (Leq) Nighttime 35.9 dB	
21.00 Hrs	38.7 dB (A)		
22.00 Hrs	36.1 dB (A)		

Eird of Report*

For and on behalf of Standard[®] Environmental & Analytical Laboratories

Rija Joseph

Technical Manager Authorized Signatory

Standard⁵ Environmental & Analytical Laboratories
Accreditation and Approval: NABL as per ISO 17025: 2017 & "A" Grade Laboratory of KSPCB

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43 Web: www.sealabs.in, E-mail: seaalab@gmail.com



TEST REPORT

Test Report No: 20200519/R019	Date: 23.05.2020	Page 1 of 1
Tool topol tio, Loudous / Itoly	Date: 20.00.2020	rage rorr

·	CUSTO	MER DETAILS		
Customer Details	Name & Address	M/s East Venice Hotels & Resorts Pvt Ltd Shanisha, Arattuvazhi P.O, Alappuzha, PIN-688007		
	Survey No	6, 6/2-3, 6/2-2, 6/2		
Location of Site	Village	Alappuzha West		
	Municipality	Alappuzha		
	Taluk	Ambalappuzha		
	District	Alappuzha		
	State	Kerala		
Customer Reference				
	SAM	PLE DETAILS		
Sample Code	20200519/S019	Sample Received on	20.05.2020	
Sample Name	Water	Sampling Procedure		
Sample Description	Open well	Sampling Location		
Identification by Customer		Sample Condition	Fit for analysis	
Sampled on		Test Started on	21.05.2020	
Sampled by	Customer	Test Completed on	23.05.2020	

SL NO	TEST PARAMETER	TEST METHOD	UNITS	RESULT	ACCEPTABLE LIMIT (IS 10500 – 2012)
01	Colour	IS 3025 Part 4:1983 RA 2017	Hazen	1.00	5.00 (Max)
02	Odour	IS 3025 Part 5:2018		Agreeable	Agreeable
03	Turbidity	IS 3025 Part 10:1984 RA 2017	NTU	0.10	1.00 (Max)
04	pH	IS 3025 Part 11:1983 RA 2017		6.95	6.50 - 8.50
05	Conductivity	IS 3025 Part 14:1984 RA 2019	μS/cm	96.0	
06	Total Dissolved Solids	IS 3025 Part 14:1984 RA 2019	mg/L	62.0	500 (Max)
07	Total Hardness (as CaCO ₃)	IS 3025 Part 16:1984 RA 2017	mg/L	28.6	200 (Max)
08	Calcium (as Ca)	IS 3025 Part 21:2009 RA 2019	mg/L	8.16	75.0 (Max)
09	Magnesium (as Mg)	IS 3025 Part 40:1991 RA 2019	mg/L	1.99	30.0 (Max)
10	Chloride (as Cl)	IS 3025 Part 46:1994 RA 2019	mg/L	11.9	250 (Max)
11	Total Alkalinity (as CaCO ₃)	IS 3025 Part 32:1988 RA 2019	mg/L	16.1	200 (Max)
12	Iron (as Fe)	IS 3025 Part 23:1986 RA 2019	mg/L	0.12	1.00 (Max)
13	Sulphate (SO ₄)	IS 3025 Part 53:2003 RA 2019	mg/L	1.10	200 (Max)
14	Total Coliform Bacteria	IS 15185: 2016		Absent/100 ml	Absent/100 ml
15	E coli	IS 15185: 2016		Absent/100 ml	Absent/100 ml

End of Report

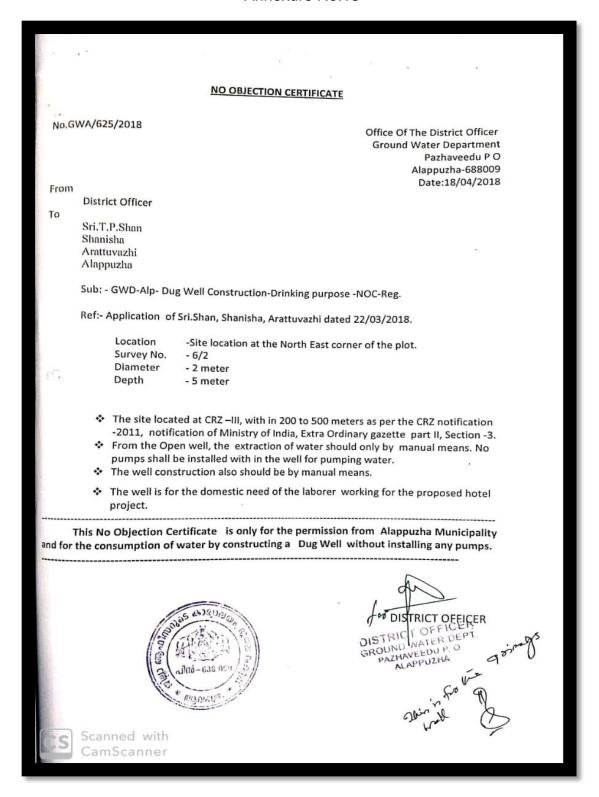
For and on behalf of Standard⁵ Environmental & Analytical Laboratories



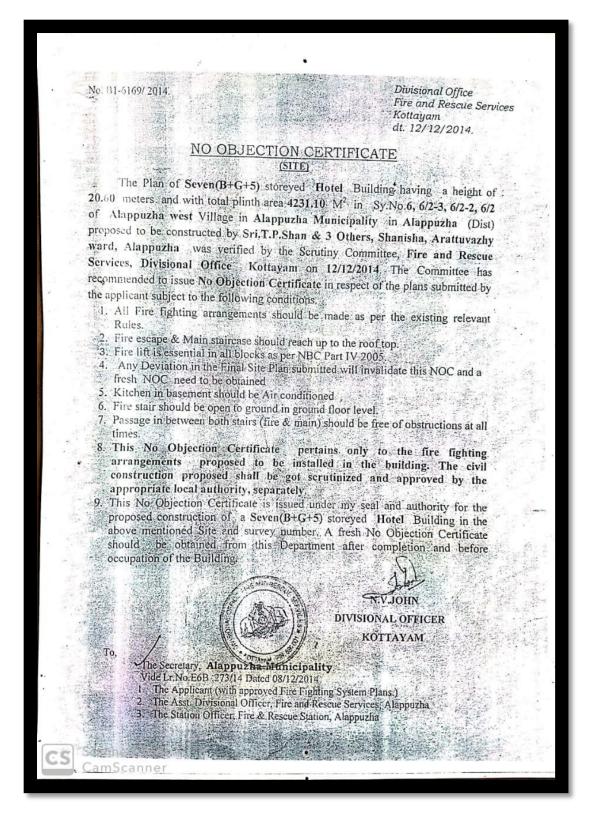
Rija Joseph Technical Manager Authorized Signatory

Standard^s Environmental & Analytical Laboratories

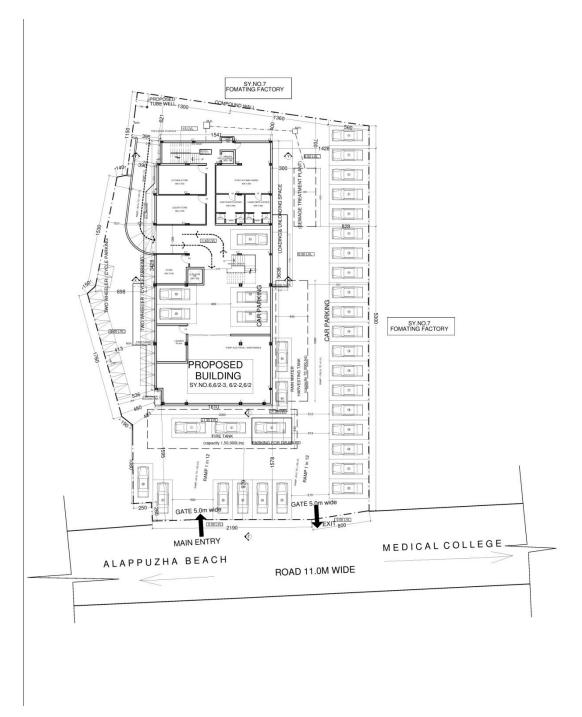
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NOC form ground water Department



NOC form Fire and Rescue



Parking plan

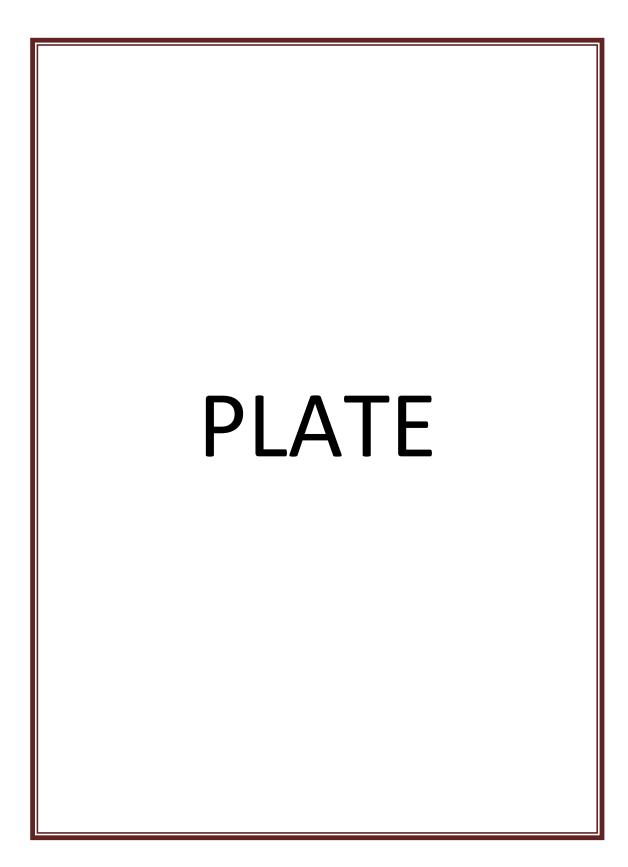
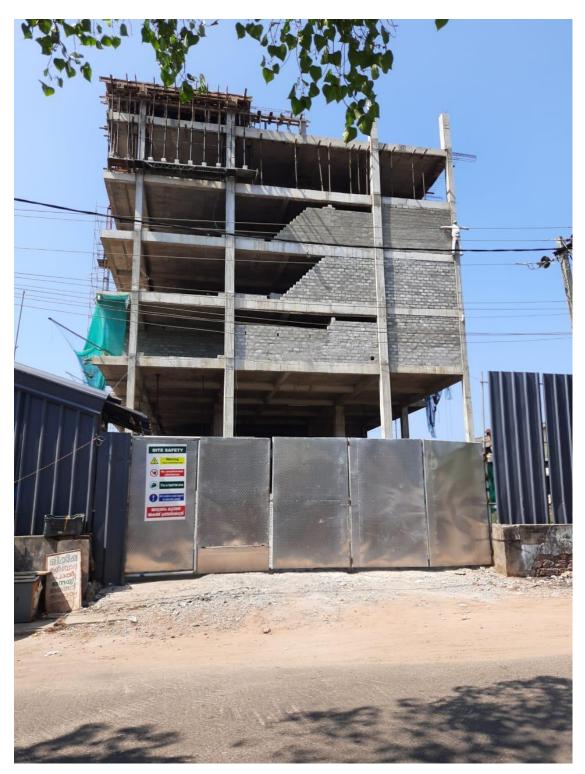


Plate No.1



Present status project site.