



Date: 16.01.2024

The Regional Officer,
Maharashtra Pollution Control Board,
Raigad Bhavan, 6th Floor,
Sector- 11, C.B.D Belapur,
Navi Mumbai.

Subject

: Submission of Half yearly compliance report for DECEMBER 2023 for our proposed

residential building development project at Survey no.85, Rohinjan, Panvel Dist. Raigad,

Maharashtra by M/s. Satyam Developers.

Reference

: Environmental Clearance no. EC22B038MH195014 dated 13/03/2022

Respected Sir,

With reference to the above mentioned subject and as per the condition stated in Environmental Clearance Letter, we would like to submit the <u>Half yearly compliance report for the period till December 2023 along with monitoring report</u> after receipt of Environmental Clearance for above mentioned site.

We are hereby enclosing our Compliance report copy of <u>DECEMBER 2023</u> along with duly filledData Sheet and annexure for your reference.

Thanking you.

Yours Sincerely,

For SATYAM INFRA REALTY LLP

AUTHORIZED SIGNATORY

Cc.: 1. Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building CivilLines, Nagpur. 2. Member Secretary SEIAA, Maharashtra.

any con as p Dep 2. PP t a.) \(\text{b.} \) \(\text{c.} \)	A. SEAC Conditions o submit IOD/IOA/ Concession Document/ Plan Approval or other form of documents as applicable clarifying its formity with local planning rules and provisions there under er the circular date 30.12.2014 issued by the Environment artment, Govt. of Maharashtra. o obtain following NOC & remarks as per amended plan: Water Supply Sewer Connection storm water drain remark Tree NOC ivil Aviation NOC	amended Commencement Certificate (No PMC/TP/Rohinjan/0/2121/16197/2442/2021) received from the PMC dated 30.11.2021 Received. Kindly note that the Project is located in a well-developed PMC network and we will take the approval from PMC to meet the freshwater requirement, sewer & storm water drain connection before occupying the building. Please refer to Enclosure No. 03 for Undertaking/ NOC for water supply, sewer & storm water connection, tree along
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2. PP t a.) \(\) b.) \(\) c.) \(\) e.) \(\) f.) \(\)	o obtain following NOC & remarks as per amended plan: Water Supply Sewer Connection Storm water drain remark Tree NOC Sivil Aviation NOC	Kindly note that the Project is located in a well-developed PMC network and we will take the approval from PMC to meet the freshwater requirement, sewer & storm water drain connection before occupying the building. Please refer to Enclosure No. 03 for Undertaking/ NOC for water supply, sewer & storm water connection, tree along
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b.) S c.) S e.) T f.) C	Sewer Connection Storm water drain remark Free NOC Sivil Aviation NOC	take the approval from PMC to meet the freshwater requirement, sewer & storm water drain connection before occupying the building. Please refer to Enclosure No. 03 for Undertaking/ NOC for water supply, sewer & storm water connection, tree along
c.) S e.) T f.) C	torm water drain remark Tree NOC ivil Aviation NOC	freshwater requirement, sewer & storm water drain connection before occupying the building. Please refer to Enclosure No. 03 for Undertaking/ NOC for water supply, sewer & storm water connection, tree along
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f.) C	ivil Aviation NOC	the building. Please refer to Enclosure No. 03 for Undertaking/ NOC for water supply, sewer & storm water connection, tree along
3. PP t		for Undertaking/ NOC for water supply, sewer & storm water connection, tree along
		sewer & storm water connection, tree along
		_
		With Civil aviation NOC.
to e	o reduce the discharge of excess treated water to 35%. PP	Please refer to Enclosure No. 04 Architect
	ensure that parameters of treated water are as per NGT	certificate.
nor	ms.	
4. PP	to get NOC from competent authority with reference to	Not applicable as project does not fall within
Tha	ne Creek flamingo sanctuary as the project site falls within	deemed ESZ of the said sanctuary.
	med ESZ of the said sanctuary.	·
	,	
· ·	B. SEIAA Conditions	
1. PP t	o Keep Open space unpaved so as to ensure permeability	Noted and we will comply the same.
of v	vater. However, whenever paving is demand necessary, PP	
to p	rovide pavers of suitable types and strength to increase the	
wat	er permeable area as well as to allow effective fire tender	
mov	vement.	
2. PP t	o achieve at least 5 % of total energy requirement from	Noted and we will provide the same and kindly
sola	r/ other renewable sources.	refer to Kindly refer to the Enclosure No. 05
		for the energy calculations showing energy
		Saving from renewable sources 5%.
3. PP 9	shall comply with standard EC conditions mentioned in the	Noted and we will comply the same.
Offi	ce Memorandum issue by MoEF&CC vide F. No. 22-	
34/	2018-IA.III dt. 04.01.2019.	
4. SEIA	AA after deliberation decided to grant EC for FSI- 19784.786	Noted.
m2,	Non-FSI: 14593.527 m2, Total BUA- 34378.313 m2. (Plan	
Арр	roval- No/Fire/HO/Vashi/5772/2021, dated- 22/12/2021).	
	General Conditions:	
	a.) Construction Phase: -	

l.	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.	During the construction phase, the solid waste is being collected & segregated into wet & dry waste and supplied through authorized vendors.
II.	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.	Re-utilization & recycling strategy for construction debris is being followed. Recycled aggregates are sold to the recycle dealer.
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.	Negligible quantities of oil spillage from construction machineries & vehicles.
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.	Drinking water is being stored in a clean separate tank to avoid contamination. The waste generated from the labor camps (mostly household waste) is collected and disposed to disposal facility. Sanitary hygienic facilities provided for workers at site, enclosed as Enclosure No. 06.
V.	Arrangement shall be made that waste water and storm water do not get mixed.	Noted and Designing of separate pipeline for waste water & laying of separate drain line for storm water is proposed in the project.
VI.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Water demand during construction phase is being reduce by use of pre-mixed concrete and curing agents.
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 and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.	No Extraction of Ground water.
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.	Yes. Low pressure water fixtures are proposed.
X.	The Energy Conservation Building Code shall be strictly adhered to.	Noted.
XI.	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Excavated soil shall be used for backfilling and leveling of the plot & remaining shall be used within site for landscaping.
XII.	Additional soil for leveling 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.	Excavated soil shall be used for backfilling and leveling of the plot & remaining shall be used within site for landscaping.
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 construction process does not involve any activity which may lead to leaching of heavy metals and toxic contaminants.

		Hence, there is no threat of contamination to sub-soil and ground water. Monitoring reports are enclosed as Enclosure No. 7.
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.	Noted.
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.	D.G. Sets will be operated only in case of power failures during construction phase. We have proposed a DG set which is of enclosed type & confirms to EPA standard.
XVI.	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.	
XVII ·	Vehicles hired for transportation of raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highway Department. The vehicle shall be adequately covered to avoid spillage/leakages.	Regular maintenance of construction vehicles is carried out to keep them in good condition. Adequate parking space is being provided for construction vehicles inside the construction premises to lessen the impact on traffic in surrounding areas. The vehicles hired by the contractor for Construction purpose are checked for valid PUC Certificate.
XVII I.	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.	During construction adequate measures are taken to maintain air quality and noise levels within the prescribed limits. Dust suppression of fugitive dust arising mainly due to transportation of construction material is being carried out by water sprinkling. Ambient air and noise level monitoring is being carried out in the construction phase to ensure that the ambient air quality and noise levels are within the prescribed limits. The ambient air quality and noise levels during the construction phase are given as Enclosure No. 7
XIX.	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation 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. The location of the DG sets may be decided with In consultation with Maharashtra Pollution Control Board.	source and acoustic enclosure type will be used.

		V W L LC LEVE C H
XX	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.	of EMP. The Environmental Monitoring Plan
		is attached as Enclosure No. 9.
Operation P	Phase	
l.	A) The solid waste generated should be properly collected and	The solid waste will be collected &
	segregated.	segregated into wet & dry waste. We waste
	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	channelized through authorized vendors.
	outside the premises.	Please refer to Enclosure No. 10 for solid
	C) Dry/ inert solid waste should be disposed of to the approved	waste management and Enclosure No. 11
	Sites for land filling after recovering recyclable material.	location of Utilities.
II.	D) E-waste shall be disposed through Authorized vendor as per	Noted and we will comply the same.
	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% gray	
	water by decentralized treatment should be done. Necessary	Will comorni to the norms of the cb, also
	measures should be made to mitigate the odor problem from	There are a sail
	STP. E) PP to give 100% treatment of sewage/Liquid waste and	given to take care of odor problem.
		For Sewage Treatment Plant location,
	explore the possibility to recycle at least 50% of water, local authority should ensure this.	please refer Enclosure No. 11 for location
	· ·	of STP.
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	
	B) functional including water requirement.	Noted 9 agreed to
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.	

	T	
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, Nox (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. General EC Conditions	We will comply with the same.
· 		
l.	PP has to abide by the conditions stipulated by SEAC & SEIAA.	Noted.
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.	Noted and we have obtained the same from Maharasthra pollution control board under air and water act. Please refer Enclosure No. 16 for Consent to establish
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.	We have received Environment Clearance. A copy of Environment Clearance is attached as Enclosure No. 01.
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.	As per EC conditions we are submitting six monthly Compliance reports. Refer Enclosure No. 7 for monitoring Reports carried out by MoEF recognized Laboratory.
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 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.	Noted and agreed to.

VII.	This environmental clearance is issued subject to obtaining	The project is not located in the forest area
V	NOC from Forestry & Wildlife angle including clearance from	
	the standing committee of the National Board for Wildlife as if	,
	applicable & this environment clearance does not necessarily	
	imply that Forestry & Wildlife clearance granted to the	
	project which will be considered separately on merit.	
4.	The environmental clearance is being issued without prejudice	Noted
"	to the action initiated under EP Act or any court case pending in	inotes.
	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
5.	This Environment Clearance is issued purely from an environment point of view without prejudice to any court cases	Noted.
	and all other applicable permissions/NOCs shall be obtained	
	before starting proposed work at site.	
6.	In case of submission of false document and noncompliance of	Noted.
	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	Noted.
	clearance accorded shall be valid as per EIA Notification, 2006,	
	amended time to time.	
8.	The above stipulations would be enforced among others under	Noted.
	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	Noted.
	National Green Tribunal (Western Zone Bench, Pune), New	
	Administrative Building, 1stFloor, D-, Wing, Opposite Council	
	all, Pune, if preferred, within 30 days as prescribed under	
	Section 16 of the National Green Tribunal Act, 2010.	

ENCLOSURE LIST

Enclosure No. :			
Lifelosuie NO.	Details		
1.	:	Environment Clearance copy	
2.	:	Amended Commencement Certificate & Approved Layout	
3.	:	Undertaking - Water Supply, SWD, Sewer & Tree	
		CFO NOC	
		Aviation NOC	
4.	:	Architect certificate with building wise construction done as per EC received to the project	
5.	:	Energy Saving Calculations	
6.		Sanitary facilites	
7.	:	Monitoring Report (Air, water and Noise)	
8.		Power requirements	
9.		EMP costing	
10.	:	Solid waste management	
11.		Utilities Plan	
12.		Parking details	
13.		Landscape plan	
14.		Environment Management Cell structure	
15.	:	Advertisement in newspaper	
16.	:	Consent to Establish Copy	
17.	:	Data sheet with Annexure A & B	
18	:	SITE PHOTOGRAPHS	

Enclosure no 1: - Environment Clearance copy

ENVIRONMENTAL CLEARANCE

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

To,

The Proprietor SATYAM DEVELOPERS

1204/05/06, Maithili Signet, Plot No. 39/4, Sector-30A, Vashi, Navi Mumbai -400705

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/229121/2021 dated 15 Sep 2021. The particulars of the environmental clearance granted to the project are as below.

EC Identification No. 1.

Project/Activity including

EC22B038MH195014

2. File No. SIA/MH/MIS/229121/2021 New

3. Project Type

4. Category

8(a) Building and Construction projects

Schedule No. Name of Project

Proposed residential building development

Name of Company/Organization | SATYAM DEVELOPERS

Location of Project 8.

Maharashtra

TOR Date

7.

N/A

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

Date: 13/03/2022

(e-signed) Manisha Patankar Mhaiskar Member Secretary SEIAA - (Maharashtra)



Pro-Active and Responsive Facilitation by Interactive,

Single-Window Hub)

and Virtuous Environmental

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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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/229121/2021 Environment & Climate Change Department Room No. 217, 2nd Floor, Mantralaya, Mumbai- 400032,

To M/s.SATYAM DEVELOPERS, Survey No. 85, Rohinjan, Panvel, District- Raigad

Subject : Environment Clearance for Proposed residential building development

Construction project at Survey No. 85, Rohinjan, Panvel District-

Raigad, Maharashtra by M/s.SATYAM DEVELOPERS

Reference : Application no. SIA/MH/MIS/229121/2021

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-2 in its 162nd meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 238th (Day-2) meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

Sr. No.	Description	Details		Unit
1	Plot Area	9,609.211	9,609.211	
2	FSI Area	24,507.944	A BASIA TO	m ²
3	Non FSI Area	22,887.378	22,887.378	
4	Total construction Area	47,395.322		m ²
5	No. of Buildings & Configuration	Bldg, No. 1 (Sale) Ground + upper 21 floors: Ground floor (stilt parking) + 1st and 2nd floor podium (parking) + 3rd floor podium (landscape) + 4th to 21st floor (flats)	G+21 floors	24
6	No. of Tenements	Flats: 351		Nos
7	Total Population	1683		Nos
8	Water requirement	239		KLD

EC Identification No. - EC22B038MH195014 File No. - SIA/MH/MIS/229121/2021 Date of Issue EC - 13/03/2022 Page 2 of I

9	Sewage generation	219	KLD
10	STP Capacity and STP technology	230 KLD capacity, MBBR technology	KLD
11	STP Location	Ground	-
12	Total Solid waste Quantity	Total Solid waste: 757.35 kg/day (Biodegradable: 302.94 kg/d & Non-biodegradable: 454.41 kg/d)	
13	RG Provided	2863.458	m²
14	Power Requirement	Demand load :1.306	MW
15	Energy Efficiency	20%	%
16	D. G. Set Capacity	Total:500	kVA
17	Parking 4W & 2W	4-W:305 2-W: 151	
18	RWH Tank Capacity	1 RWH tank of 50 cu.m	-
19	Project cost	Rs. 92.7	Cr.
20	EMP Cost	Capital Cost: 618.25 Lakh, O&M: 57.75 Lakh/yr.	
21	CER Details with justification if any	Rs. 1.85 (2 % of the project cost.)	Cr.

 Proposal is a new construction project. Proposal has been considered by SEIAA in its 238th (Day-2) meeting 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-

- 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) SWD NOC; c) Sewer NOC; d) Tree NOC; e) Tree NOC.
- Planning authority to ensure that assured water supply, storm water drainage and Sewerage line facilities are made available within the vicinity of the project before issuing Occupation Certificate to the project.
- 4. PP to submit details of design basis report of proposed STP with cross section drawing showing dimensions and ground level; PP should provide STPs minimum 40% open to sky; PP to ensure that parameters of treated water are as per NGT norms.
- 5. PP to submit cross section of UGT showing ramp and parking.

- PP to submit revise water balance chart by deleting treated water shown for car and podium floor washing.
- PP to reduce discharge of treated water up to 35%. PP to submit NOC from concerned authority for use of excess treated water for garden reservation and nearby constructions/road medians.
- PP to submit revise energy calculation with terrace floor plan including solar panel & hot water considering shadow analysis.

B. SEIAA Conditions-

- 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 to achieve at least 5% of total energy requirement from solar/other renewable sources.
- 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.
- SEIAA after deliberation decided to grant EC for FSI-24507.944 m2, Non-FSI-22887.378 m2, Total BUA-47,395.322 m2. (Plan approval-PMC/TP/Rohinjan/85/0/21-21/16197/2442/2021, dated-30.11.2021).

General Conditions:

a) Construction Phase :-

- 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. 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.
- XVII. 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.
- XVIII. 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.
 - XIX. 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.
 - XX. 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.
- 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 http://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, NOx (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:-

- 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.
- 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.
- 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.
- 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.

Manisha Patankar-Mhaiskar (Member Secretary, SELAS)

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, Raigad.
- 6. Commissioner, Panvel Municipal Corporation
- 7. Regional Officer, Maharashtra Pollution Control Board, Raigad.

Enclosure No. 02: Commencement Certificate & Approved Plan



E mail - panyelcorporation@gmail.com

Tel - (022) 27458040/41/42

No.PMC/TP/Rohinjan/85/0/21-21/16197/-2%**< /2021

Date: 3o/59/2021

also on चन्द्रेल

AMENDED COMMENCEMENT CERTIFICATE

Permission is hereby granted under section – 45 of the Maharashtra Regional and Town Planning Act.1966 (Maharashtra XXXVII of 1966) to, Mr. Gajanan Balaram Patil, Mr. Parshuram Balaram Patil, Mr. Maruti Balaram Patil & Mr. Santosh Balaram Patil. As per the approved plans and subject to the following conditions for the development work of the Proposed Residential Building ('A', 'B' & 'C' Wing) (Ground + 3rd Podium + 4th to 21th Upper Floor) on Survey No.- 85/0, At.- Rohinjan, Tal.- Panvel, Dist.- Raigad. (Plot Area = 9609.211 Sq.mt., Proposed Residential Built Up Area = 24507.944 sq.mt., Total Built Up Area = 24507.944 sq.mt.)

(No. of Residential Unit - 351 Nos.)

- This Certificate is liable to be revoked by the Corporation if:-
 - 1(a) The development work in respect of which permission is granted under this certificate is not carried out or the use thereof is not in accordance with the Sanctioned plans.
 - 1(b) Any of the conditions subject to which the same is granted or any of the restrictions imposed upon by the corporation is contravened.
 - 1(c) The commissioner is satisfied that the same is obtained by the applicant through fraud or Misrepresentation and the applicant and / or any person deriving title under him, in such an event shall be deemed to have carried out the development work in contravention of section – 43 or 45 of the Maharashtra Regional and Town Planning Act- 1966.
- 2. The Owner / Developer shall:-
 - 2(a) The Owner / Applicant shall give intimation in the prescribed form in Appendix-F of UDCPR 2020 after the completion of work up to plinth level.
 - 2(b) Give written notice to the Corporation regarding completion of the work.
 - 2(c) Permit authorized officers of the Corporation to enter the building or premises for which the permission has been granted, at any time for the purpose of ensuring the building control Regulations and conditions of this certificate.
 - 2(d) Obtain Occupancy Certificate from the Corporation.
- The structural design, building materials, installations, electrical installations etc. shall be in accordance with the provision (except for provision in respect of floor area ratio) as prescribed in the National Building Code.
- 4. The Commencement Certificate shall remain valid for a period of 1 year from the date of issue and can be further revalidated as required under provision of section 48 of MRTP Act. 1966. This Commencement Certificate is renewable every year but such extended period shall be in no, case exceed three years provided further that such lapse shall not be any subsequent applicant for fresh permission under Section 44 of the Maharashtra Regional & Town Planning Act. 1996.
- The conditions of this certificate shall be binding not only on the application its successors and/or every person deriving title through or under him.

- You will be required to get the design of your septic tank approved by the Sewage Department, Panvel Municipal Corporation. (If Applicable)
- The Manual Scavenging Act 2013 prohibits the activities of manual scavenging. Therefore the applicant shall submit undertaking before applying for Occupancy Certificate, stating that you will not violate the said law.
- 42. The Owner / Developer is required to construct the discharge line at his own cost.
- The Owner / Developer shall obtained no objection certificate from Maharashtra Pollution Control Board before Commencement of work on the said plot.
- The Owner / Developer should set up electrical vehicle charging point in the said plot.
- This Commencement Certificate is issued subject to condition that the Owner / Developer shall obtain Environment Clearance prior to commencement of any work.
- The Applicant is permitted to do construction upto height of 55.00 mtr. from Ground level. Revised AAI NOC is required to be submitted for construction beyond 55.00 mtr. Height.
- This set of Plans supersedes earlier approved plans vide letter dated 15/10/2019.

Note: - You have to pay the necessary charges due to GST if applicable in future as per Panvel Municipal Corporation policy and as informed to you in writing and if not paid the permission granted will be revoked.



Assistant Director of Town Planning Panvel Municipal Corporation

C.C.TO:- 1) Mr. Gajanan Balaram Patil, Mr. Parshuram Balaram Patil, Mr. Maruti Balaram Patil &,

Mr. Santosh Balaram Patil, Survey No.- 85/0, At. Rohinjan, Tal. Panvel, Dist- Raigad.

2) Architect,

M/s. AN.ARCH Architects & Planner, Office No. 20 & 21, Ground Floor, Raheja Arcade, Plot No. 61, Sector 11, CBD Belapur, Navi Mumbai 400614.

3) Ward Officer,

Prabhag Samati ' A, B, C, D' Panvel Municipal Corporation, Panvel.

 Tahasildar, Panvel for information & requested to take converted N.A. Tax within 30 days from date of issue of Commencement Certificate of Panvel Municipal Corporation.



Enclosure No. 03: Water Supply Undertaking / NOC



पनवेल महानगरपालिका

ता. पनवेल, जि. रायगड, पिन नं. ४१० २०६

कार्यालय : २७४५८०४०/४१/४२

फेक्स नं. : ०२२-२७४५२२३३

Email: panvelcorporation@gmail.com

कार्यालय जा.क. पमपा/पा.पु.वि/ ६८२१/प्र. क्र.०६/*६७३*/२०२१

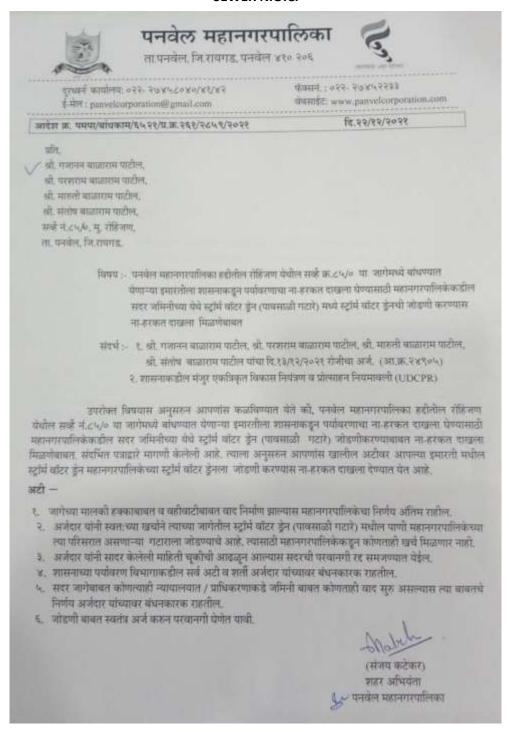
a. 16 /82/2028

ना - हरकत दाखला

दाखला देण्यात येतो की, श्री.गजानन बाळाराम पाटील व इतर यांनी सर्वें नं.८५/० रोहींजण पनवेल जि. रायगड या जागेत बांधण्यात येणा-या नियोजित इमारतींना सद्यस्थितीत पनवेल महानगरपालिककडून पाणी पुरवठा उपलब्ध होऊ शकत नाही परंतु पनवेल महानगरपालिकेस निवन अमृत पाणी पुरवठा योजनेमधून महाराष्ट्र जीवन प्राधिकरणाकडून २०. द.ल.िल. पाणी पुरवठा उपलब्ध होणार आहे. सदरची पाणी पुरवठा योजना पुणं झाल्यानंतर पाणी उपलब्धतेनुसार पाणी पुरवठा उपलब्ध करुन देणे शक्य होईल.सदरचा ना- हरकत दाखला पर्यावरण विभागाची मंजुरीकरिता देण्यात येत आहे,या कामी विकासाची परवानगी घेण्याची जबाबदारी विकासकाची राहील.

(संजय जगताप) शहर अभियंता पनवेल महानगरपालिका

SEWER N.O.C.



Tree N.O.C.



पनवेल महानगरपालिका

ता.पनवेल जि. रायगड पिन नं. ४१० २०६

कार्यालय : २७४५८०४०/४१/४२ - फॅक्स नं. ०२२-२७४५२२३३ - E-mail :- panselcorporation@gmail.com

पमपा/उद्यान/२३ २२/प्र.क्र. ७८ / ५४/ २०२२

विमांक:- 33 /०२/२०२२

प्रति.

श्री, गजानन बाळाराम पाटील, श्री, परश्राम बाळाराम पाटील, श्री. मारुती बाळाराम पाटील व श्री. संतोष बाळाराम पाटील, सर्व्हे नं. ८५, मौजे-रोहिंजण, ता. पनवेल, जि. रायगड.

> विषय :- मौजे- रोहिंजन, तालुका पनवेल, जिल्हा रायगड येथील सर्व्हें नं. ८५ या सर्वे नंबर साठी झाड नाही असा दाखला देणेबाबत.

संदर्भ :- आपला दिनांक १४/०१/२०२२ रोजीचा अर्ज.

उपरोक्त संदर्भिय विषयान्वये आपणास कळविण्यात येते की, दिनांक ०३/०२/२०२२ रोजी सर्खे नं, ८५, मीजे-रोहिंजण, ता.पनवेल, जि.रायगड येथे समक्ष स्थळ पाहणी केली असता, सदर जागेमध्ये एकही झाड नसल्याने नवीन इमारत बांधकामामध्ये बाधित होत नाही.

सदरचा दाखला हा त्यांनी दिनांक १४/०१/२०२२ रोजी सादर केलेल्या अर्जान्सार देण्यात येत आहे. (मा. उपायक्त यांच्या मान्यतेने)

वक्ष अधिकारी

पनवेल महानगरपालिका

Enclosure no. 3 Aviation NOC





भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

NAVI/WEST/B/031521/534914

मालिक का नाम एवं पता Mr. Balaram Padu Patil.

दिनांक/DATE:

18-08-2022

OWNERS Name & Address

Plot No. 85, Village - Rohinjan, Tal -Panvel, Dist - Raigad. Raigad Maharashtra 410206

वैधता/ Valid Up to: 17-08-2030

ऊँचाई की अनुमति हेतु अनापत्ति प्रमाण पत्र(एनओसी) No Objection Certificate for Height Clearance

 यह अनापत्ति प्रमाण पत्र भारतीय विमानपत्तन प्राधिकरण (भाविप्रा) द्वारा प्रदत्त दायित्वों के अनुक्रम तथा सुरक्षित एवं नियमित विमान प्रचालन हेतु भारत सरकार (नागर विमानन मंत्रालय) की अधिसूचना जी. एस. आर. 751 (ई) दिनांक 30 सितम्बर, 2015, जी. एस. आर. 770 (ई) दिनांक 17 दिसंबर 2020 द्वारा संशोधित, के प्रावधानों के अंतर्गत दिया जाता है

1. This NOC is issued by Airports Authority of India (AAI) in pursuance of responsibility conferred by and as per the provisions of Govt. of India (Ministry of Civil Aviation) order GSR751 (E) dated 30th Sep.2015 amended by GSR770(E) dated 17th Dec 2020 for safe and Regular Aircraft Operations.

2). इस कार्यालय को निम्नलिखित विवरण के अनुसार प्रस्तावित संरचना के निर्माण पर कोई आपत्ति नहीं है।

2. This office has no objection to the construction of the proposed structure as per the following details:

अनापत्ति प्रमाणपत्र आईडी / NOC ID	NAVI/WEST/B/031521/534914
आवेदक का नाम / Applicant Name*	Mr. Balaram Padu Patil.
स्थल का पता / Site Address*	Gut No.85 Village Rohinjan Tal. Panvel Dist Raigad, Village Rohinjan Tal Panvel Dist Raigad, Raigad, Maharashtra
स्थल के निर्देशांक / Site Coordinates*	19 04 45.71N 73 04 35.46E, 19 04 49.32N 73 04 35.68E, 19 04 45.11N 73 04 37.28E, 19 04 46.02N 73 04 38.49E, 19 04 48.54N 73 04 38.68E
स्थल की ऊँचाई एएमएसएल मीटर में (औसतन समुद्र तल से ऊपर), (जैसा आवेदक द्वारा उपलब्ध कराया गया) / Site Elevation in mtrs AMSL as submitted by Applicant*	13.7 M
अनुमन्य अधिकतम ऊँचाई एएमएसएल मीटर में (औसतन समुद्र तल से ऊपर) / Permissible Top Elevation in mtrs Above Mean Sea Level(AMSL)	138.7 M

• जैसा आवेदक द्वारा उपलब्ध कराया गया / As provided

क्षेत्रीय मुख्यालय पश्चिमी क्षेत्र पोर्टी केविस, नई ए रोड के सामने, विलेपारले इंस्ट मुंबई- 400099 दरभाष संख्य

Regional headquarter Western Region, Porta Cabins, New Airport Colony, Opposite Hanuman Road, Ville Parle East Mumbai-400099 Tel. no. 91-22-28300606





NAVI/WEST/B/031521/534914

- 3) यह अनापत्ति प्रमाण पत्र निम्नलिखित नियम व शर्तों के अधीन है: -
- 3. This NOC is subject to the terms and conditions as given below:

क) आवेदक द्वारा उपलब्ध कराए गए स्थल की ऊँ चाई तथा निर्देशांक को, प्रस्तावित संरचना हेतु अनुमन्य अधिकतम ऊँ चाई जारी करने के लिए प्रयोग किया गया है। भारतीय विमान पत्तन प्राधिकरण, आवेदक द्वारा उपलब्ध कराये गए स्थल की ऊँचाई तथा निर्देशांक की यथार्थता का ना तो उत्तरदायित्व वहन करता है, और ना ही इनको प्रमाणीकृत करता है। यदि किसी भी स्तर पर यह पता चलता है कि वास्तविक विवरण, आवेदक द्वारा उपलब्ध कराए गए विवरण से भिन्न है, तो यह अनापत्ति प्रमाण पत्र अमान्य माना जाएगा तथा कानूनी कार्यवाही की जाएगी। सम्बंधित विमान क्षेत्र के प्रभारी अधिकारी द्वारा एयरक्राफट नियम 1994 (भवन, वृक्षों आदि के कारण अवरोध का विध्वंस) के अधीन कार्यवाही की जायगी।

a. Permissible Top elevation has been issued on the basis of Site coordinates and Site Elevation submitted by Applicant. AAI neither owns the responsibility nor authenticates the correctness of the site coordinates & site elevation provided by the applicant. If at any stage it is established that the actual data is different, this NOC will stand null and void and action will be taken as per law. The officer in-charge of the concerned aerodrome may initiate action under the Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994",

ख) अनापत्ति प्रमाण पत्र के आवेदन में आवेदक द्वारा उपलब्ध कराए गए स्थल निर्देशांक को सड़क दृश्य मानचित्र और उपग्रह मानचित्र पर अंकित किया गया है जैसा कि अनुलग्नक में दिखाया गया है। आवेदक / मालिक यह सुनिश्चित करे कि अंकित किए गए निर्देशांक उसके स्थल से मेल खाते हैं। किसी भी विसंगति के मामले में, नामित अधिकारी को अनापत्ति प्रमाण पत्र रद्द करने के लिए अनुरोध किया जाएगा।

b. The Site coordinates as provided by the applicant in the NOC application has been plotted on the street view map and satellite map as shown in ANNEXURE. Applicant/Owner to ensure that the plotted coordinates corresponds to his/her site. In case of any discrepancy, Designated Officer shall be requested for cancellation of the NOC.

ग) एयरपोर्ट संचालक या उनके नामित प्रतिनिधि, अनापत्ति प्रमाण पत्र नियमों और शर्तों का अनुपालन सुनिश्चित करने के लिए स्थल (आवेदक या मालिक के साथ पूर्व समन्वय के साथ) का दौरा कर सकते हैं।

c. Airport Operator or his designated representative may visit the site (with prior coordination with applicant or owner) to ensure that NOC terms & conditions are complied with.

घ) संरचना की ऊँचाई (सुपर स्ट्रक्वर सहित) की गणना अनुमन्य अधिकतम ऊँचाई (ए एम एस एल) से स्थल की ऊँचाई को घटाकर की जायेगी। अर्थात, संरचना की अधिकतम ऊँचाई = अनुमन्य अधिकतम ऊँचाई (-) स्थल की ऊँचाई | d. The Structure height (including any superstructure) shall be calculated by subtracting the Site elevation in AMSL from the Permissible Top Elevation in AMSL i.e. Maximum Structure Height = Permissible Top Elevation minus (-) Site Elevation.

च) अनापत्ति प्रमाण पत्र जारी करना, भारतीय एयरक्राफ्ट एक्ट 1934, के सैक्शन 9-A तथा इसके अंतर्गत समय-समय पर जारी अधिसूचनाएं तथा एयरक्राफट नियम (1994 भवन, वृक्षों आदि के कारण अवरोध का विध्वंस) के अधीन हैं। e. The issue of the 'NOC' is further subject to the provisions of Section 9-A of the Indian Aircraft Act, 1934 and any notifications issued there under from time to time including, "The Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994".

 छ) कोई भी रेडियो/ टीवी एन्टीना, लाइटिनग औरस्टर, सीढिया, मुमटी, पानी की टंकी अथवा कोई अन्य वस्तु तथा किसी भी प्रकार के संलग्नक उपस्कर पैरा 2 में उल्लेखिक अनुसाम अधिकतम ऊँचाई से ऊपर नहीं जानी बृाहिए ।

क्षेत्रीय मुख्यालय पश्चिमी क्षेत्र शूट्ट कविस, नई ऐर्ल्यु स्टॉकॉलोनी, हनुमान रोड के सामग्रे

মুলা 400099 রম্মার সূত্র 91-22-28300606
Regional headquarter Western Region You Agbins, New Airport Colony, Opposite Hanuman Ro

Regional headquarter Western Region Royal Cabins, New Airport Colony, Opposite Hanuman Road, Ville Parle East
Mun St. 10039 38 og 91-22-28300606





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f. No radio/TV Antenna, lightening arresters, staircase, Mumty, Overhead water tank or any other object and attachments of fixtures of any kind shall project above the Permissible Top Elevation as indicated in para 2.

ज) विमानक्षेत्र संदर्भ बिंदु के 8 KM के भीतर तेल, बिजली या किसी अन्य ईंधन का उपयोग जो उड़ान संचालन के लिए धुएं का खतरा पैदा नहीं करता है, ही मान्य है।

g. Use of oil, electric or any other fuel which does not create smoke hazard for flight operation is obligatory, within 8 KM of the Aerodrome Reference Point

झ) यह प्रमाणपत्र इसके जारी होने की तारीख से 8 साल की अवधि के लिए वैध है। एक बार रिवेलीडेशन की अनुमति दी जा सकती है, बशर्ते कि इस तरह का अनुरोध एनओसी की समाप्ति की तारीख से छह महीने के भीतर किया जाए और प्रारंभिक प्रमाणपत्र 8 साल की वैधता अवधि के भीतर प्राप्त किया जाए ।

h. The certificate is valid for a period of 8 years from the date of its issue. One-time revalidation shall be allowed, provided that such request shall be made within six months from the date of expiry of the NOC and commencement certificate is obtained within initial validity period of 8 years.

ट) भवन के निर्माण के दौरान या उसके बाद किसी भी समय स्थल पर ऐसी कोई भी लाइट या लाइटो का संयोजन नहीं लगाया जाएगा जिसकी तीव्रता, आकृति या रंग के कारण वैमानिक ग्राउन्ड लाइटों के साथ भ्रम उत्पन्न हों । विमान के सुरक्षित प्रचालन को प्रभावित करने वाली कोई भी गतिविधि मान्य नहीं होगी ।

i. No light or a combination of lights which by reason of its intensity, configuration or colour may cause confusion with the aeronautical ground lights of the Airport shall be installed at the site at any time, during or after the construction of the building. No activity shall be allowed which may affect the safe operations of flights.

 ठ) आवेदक द्वारा विमानपत्तन पर या उसके आसपास विमान से उत्पन्न शोर, कंपन या विमान प्रचालन से हुई किसी भी क्षित के विरूद्ध कोई शिकायत/दावा नहीं किया जाएगा ।

j. The applicant will not complain/claim compensation against aircraft noise, vibrations, damages etc. caused by aircraft operations at or in the vicinity of the airport.

ड) डे मार्किंग तथा सहायक विद्युत आपूर्ति सहित नाइट लाइटिंग (डीजीसीए भारत की वेबसाइट www.dgca.nic.in पर उपलब्ध) नागर विमानन आवश्यकताएं श्रंखला 'बी' पार्ट । सैक्शन-4 के चैप्टर 6 तथा अनुलग्नक 6 में विनिर्दिष्ट दिशानिर्देशों के अनुसार उपलब्ध कराई जाएंगी ।

k. Day markings & night lighting with secondary power supply shall be provided as per the guidelines specified in chapter 6 and appendix 6 of Civil Aviation Requirement Series 'B' Part I Section 4, available on DGCA India website: www.dgca.nic.in

ढ) भवन के नक्शे के अनुमोदन सहित अन्य सभी वैधानिक अनापत्ति, संबंधित प्राधिकरणों से लेना आवेदक की जिम्मेदारी होगी, क्योंकि इस ऊँचाई हेतु अनापत्ति प्रमाणपत्र लेने का उद्देश्य सुरक्षित एवं नियमित विमान प्रचालन सुनिश्चित करना है तथा इसे भूमि के स्वामित्व आदि सहित किसी अन्य उद्देश्य/ दावें के लिए दस्तावेज के रूप में प्रयोग नहीं किया जा सकता ।

I. The applicant is responsible to obtain all other statutory clearances from the concerned authorities including the approval of building plans. This NOC for height clearances is only to ensure safe and regular aircraft operations and shall not be used as document for any other purpose/claims@utsoever, including ownership of land etc.

क्षेत्रीय मुख्यालय पश्चिमी क्षेत्र पोर्टी केबिस, नई एक्सीटिक्सलोनी, हनुपनि रोजिक सामने, विलेपारले ईस्ट मंबई- 400099 ट्रापाय सच्या, को १२ ट्राप्टिक्स

Regional headquarter Western Region, Porta Cabins, New Air School Consider Hanuman Road, Ville Parle East
Mumbai-400099 Tel. no. 91-22-28300008





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ण) इस अनापत्ति प्रमाणपत्र आईडी का मूल्यांकन Juhu, Navi Mumbai, Santa Cruz विमानक्षेत्रों के संबंध में किया गया है। यह अनापत्ति प्रमाणपत्र भारतीय विमान पत्तन प्राधिकरण के विमानक्षेत्रों और अन्य लाइसेंस प्राप्त सिविल विमानक्षेत्रों, जो जी. एस. आर. 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के अनुसूची - III, अनुसूची - IV (भाग- 1), अनुसूची-IV (भाग - 2; केवल RCS हवाई अड्डे) और अनुसूची- VII में सूचीबद्ध हैं, के लिए जारी किया गया है। m. This NOC ID has been assessed with respect to the Juhu, Navi Mumbai, Santa Cruz Airports. NOC has been issued w.r.t. the AAI Acrodromes and other licensed Civil Acrodromes as listed in Schedule – III, Schedule – IV(Part-I), Schedule- IV (Part-2; RCS Airports Only) and Schedule-VII of GSR 751(E) amended by GSR770(E)

त) यदि स्थल रक्षा विभाग के विमान क्षेत्र के अधिकार क्षेत्र में आता है, जैसा कि जीएसआर 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित की अनुसूची-V में सूचीबद्ध है, तो आवेदक को रक्षा विभाग से अलग से अनापत्ति प्रमाणपत्र लेना होता है। जीएसआर 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के नियम 13 के अनुसार, आवेदकों को उन स्थलों के लिये, जो जीएसआर 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के अनुसूची-IV (भाग -2; आरसीएस हवाई अट्टों के अलावा) के रूप में सूचीबद्ध बिना लाइसेंस वाले विमान क्षेत्र के अधिकार क्षेत्र में आता हैं, तो संबंधित राज्य सरकार से भी अनापत्ति प्रमाणपत्र लेने की आवश्यकता है।

n. Applicant needs to seek separate NOC from Defence, if the site lies within the jurisdiction of Defence Aerodromes as listed in Schedule – V of GSR 751 E amended by GSR770(E). As per rule 13 of GSR 751 E amended by GSR770(E), applicants also need to seek NOC from the concerned state government for sites which lies in the jurisdiction of unlicensed aerodromes as listed in Schedule-IV (Part-2; other than RCS airports) of GSR 751 E amended by GSR770(E)

थ) अनापत्ति प्रमाण पत्र (एनओसी) की किसी भी त्रुटि/व्याख्या की स्थिति में अंगरेजी अनुवाद ही मान्य होगा। o. In case of any discrepancy/interpretation of NOC letter, English version shall be valid.

द) स्थल की ऊँचाई और या संरचना की ऊँचाई के किसी भी विवाद में अनुमन्य अधिकतम ऊँचाई एएमएसएल में ही मान्य होगी।

p. In case of any dispute with respect to site elevation and/or AGL height, Pertingsible Top Elevation in AMSL shall prevail.

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क्षेत्रीय मुख्यालय पश्चिमी क्षेत्र पोर्टी केबिस, नई एवरपोर्ट कॉलीनी, हनुमान रोड के सामने, विलेपारले ईस्ट मुंबई- 400099 ट्राया संख्या : 91-22-28300606

Regional headquarter Western Region, Porta Cabins, New Airport Colony, Opposite Hanuman Road, Vile Parie East Mumbai-400099 Tel. no. 91-22-28300606





NAVI/WEST/B/031521/534914

क्षेत्र का नाम / Region Name: पश्चिम/WEST



ईमेल आईडी / EMAIL ID ; nocwr@aai.aero फोन/ Ph: 022-28300656

ANNEXURE/अनुलग्नक

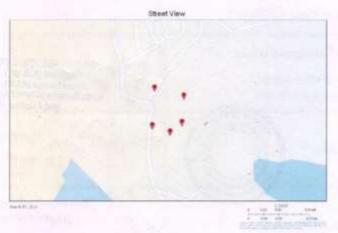
Distance From Nearest Airport And Bearing/निकटतम विमानक्षेत्र से दूरी और वीयरिंग

Airport Name/ विमानक्षेत्र का नाम	Distance (Meters) from Nearest ARP/निकटतम विमानक्षेत्र संदर्भ बिंदु से दूरी (मीटर में)	Bearing(Degree) from Nearest ARP/निकटतम विमानक्षेत्र संदर्भ बिंदु से बीयरिंग (डिग्री
Juhu	25609.18	94.92
Navi Mumbai	9416.19	4.96
Santa Cruz	22201.88	93.86
NOCID	NAVI/WEST/B	/031521/534914





NAVI/WEST/B/031521/534914





क्षेत्रीय मुख्यालय पश्चिमी क्षेत्र पोर्टा केविस, नई एयरपोर्ट कीलोनी, हनुमान रोह के सामने, विलेपारले ईस्ट मुंबई- 400099 दूरभाष संख्या :91-22-28300808

Regional headquarter Western Region Porta Cabins, New Airport Colony, Opposite Hanuman Road, Vile Parle East Mumbai-400099 Tel. no. 91-22-28300606

DEC 2023

Enclosure No.4: Architect Certificate





Form | ARCHITECT'S CERTIFICATE

Date: 31.12.2023

To,
M/s. Satyam Infra Realty LLP
Office No. 1204 to 1206, 12th Floor,
Maithili Signet, Plot No.39/4, Sector-30A,
Vashi ,Navi Mumbai-400705

Subject: Certificate of Percentage of Completion of Construction work of SATYAM TRINITY TOWERS (Project Name) having MahaRERA Registration Number P52000045234 being developed by M/s, Satyam Infra Realty LLP

Sir.

I Ar. Neha Jain, have undertaken assignment as Architect / Licensed of certifying Percentage of Completion of Construction Work of SATYAM TRINITY TOWERS of Building no.1 (Wing-A,B,&C) a residential building to constructed on the land bearing Survey No. 85/0 at Village - RohinjanTaluka- Panvel District - Raigad With reference of Panvel Municipal Corporation Amended Commencement Certificate No. PMC / TP / Rohinjan / 85/0/ / 21 - 21/16197/2442/2021 Date- 30/11/2021 having MahaRERA Registration Number P52000045234 being developed by M/s. Satyam Infra Realty LLP

Based on the Site Inspection with respect to Layout / each of the Building / wing and on basis of Site Supervisor Report, MEP Consultant and Structural Engineer Report of the aforesaid Real Estate Project. I certify that as on the date of this certificate, the percentage of Work done for each of the building / wing of the Real Estate Project under MahaRERA is as per table A herein below.



TABLE-A Wing Number - A

Sr.	Tasks / Activity	Percentage of
No. (1)	(2)	Actual Work Done (As on date of the Certificate)(3)
1	Excavation	100%
2	Basements (if any)	0%
3	3 Number of Podiums out of which 3 slabs are completed	100%
4	Plinth	100%
5	Stilt Floor (P.C.C.& Column)	100%
6	22 number of Slabs of Structure Out of which 8 slabs are completed	36%
7	Internal walls, Internal Plaster, Floorings, Doors and windows within Flats / Premises	0%
8	Sanitary Fittings within the Flat / Premises	0%
9	Staircases, Lifts Wells and Lobbies at each floor level Overhead and Underground Water Tanks	0%
10	External Plumbing and external plaster, elevation, completions of terraces with waterproofing of the Building Wing.	0%
11	Installations of Lifts, Water pumps, Fire Fighting Fittings and Equipment as per CFO NOC, Electrical fittings, mechanical equipment, compliance to conditions of environment / CRZ Noc, Finishing to entrance lobby/s, Plinth protection, paving of areas appurtenant to Building / Wing, Compound Wall and all other requirements as may be required to complete project as per specifications in agreements of sale. Any other activities.	0%

TABLE-A Wing Number - B

Sr, No. (1)	Tasks / Activity (2)	Percentage of Actual Work Done (As on date of the Certificate)(3)
-1	Excavation	100%
2	Basements (if any)	0%
3	3 Number of Podiums out of which 3 slabs are completed	100%
4	Plinth	100%
5	Stilt Floor (P.C.C.& Column)	100%
6	22 number of Slabs of Structure Out of which 8 slabs are completed	36%
7	Internal walls, Internal Plaster, Floorings, Doors and windows within Flats / Premises	0%
8	Sanitary Fittings within the Flat / Premises	0%
9	Staircases, Lifts Wells and Lobbies at each floor level Overhead and Underground Water Tanks	0%
10	External Plumbing and external plaster, elevation, completions of terraces with waterproofing of the Building Wing.	0%
11	Installations of Lifts, Water pumps, Fire Fighting Fittings and Equipment as per CFO NOC, Electrical fittings, mechanical equipment, compliance to conditions of environment / CRZ Noc, Finishing to entrance lobby/s, Plinth protection, paving of areas appurtenant to Building / Wing, Compound Wall and all other requirements as may be required to complete project as per specifications in agreements of sale. Any other activities.	0%



TABLE-A Wing Number - C

40.	Wing Number - C	
Sr. No. (1)	Tasks / Activity (2)	Percentage of Actual Work Done (As on date of the Certificate)(3)
1	Excavation	100%
2	Basements (if any)	0%
3	3 Number of Podiums out of which 3 slabs are completed	100%
4	Plinth	100%
5	Stilt Floor (P.C.C.& Column)	100%
6	22 number of Slabs of Structure out of which 4 slabs are completed	18%
7	Internal walls, Internal Plaster, Floorings, Doors and windows within Flats / Premises	0%
8	Sanitary Fittings within the Flat / Premises	0%
9	Staircases, Lifts Wells and Lobbies at each floor level Overhead and Underground Water Tanks	0%
10	External Plumbing and external plaster, elevation, completions of terraces with waterproofing of the Building Wing.	0%
11	Installations of Lifts, Water pumps, Fire Fighting Fittings and Equipment as per CFO NOC, Electrical fittings, mechanical equipment, compliance to conditions of environment / CRZ Noc, Finishing to entrance lobby/s, Plinth protection, paving of areas appurtenant to Building / Wing, Compound Wall and all other requirements as may be required to complete project as per specifications in agreements of sale. Any other activities.	0%

TABLE – B

Common Areas (Internal and External Developments Works) in respect of the Registered Phase /

Project Number

Sr. No. (1)	Common areas and Facilities (2)			Details (5)	
1	Internal Roads & Footpaths	NO	0%		
2	Water Supply	YES	0%	-	
3	Sewerage (chamber, lines, Septic Tank, STP)	YES	0%		
4	Storm Water Drains	YES	0%		
5	Landscaping & Tree Planting	YES	0%		
6	Street Lighting	NO	0%	+	
7	Community Buildings - i.e. Indoor Games, Fitness Center	YES	0%		
8	Treatment and disposal of sewage and sullage water	NO	0%		
9	Solid Waste management & Disposal	NO	0%	*	
10	Water conservation, Rain Water	YES	0%		



	harvesting			
11.	Energy management	NO	0%	-
12	Fire protection and fire safety Requirements	YES	0%	5
13	Electrical meter room, sub-station, receiving station	YES	0%	*
14	Others (Option to Add more)	29	72	

NOTE:

- The said certificate is issued based on the Earthquake stability certificate issued by the Authorized Registered Structural engineer.
- Based on Authorized MEP Consultant Report of S. W. Drainage system, Water Supply (O.H. & U.G. Tank), Rain Water Harvesting, Sewerage Treatment Plant for sewerage, the completion details given.
- The certificate is issued based on the site inspection and as per the approved plan. In regard to the quality of the material used and as to the stability of the building the Architect shall not be held liable or responsible as the same does not fall under the ambit of Architect scope of work.

Yours Faithfully

Ar. Neha Jain License No. (COA/2008/43603)

Agreed and Accepted by:

For SATYAM INFRA REALTY LLF

Signature of Promoter

Name: Mr. Rajesh D. Gulati (Partner)

Partner

Date: 31/12/2023

Enclosure No. 5 – POWER REQUIREMENTS

REDU	REDUCTION IN CONSUMPTION BY USING ENERGY SAVING MEASURE				
Α	A By using LED Light 50%				
В	By using VFD for Lift	30%			
C Solar system 100%					

TOTAL ANNUAL SAVING	447767		
SAVING IN PERCENTAGE-%	20		
ANNUAL SAVING ONLY BY SOLAR	190603		
SAVING IN PERCENTAGE-% (ONLY BY SOLAR)	8		
TOTAL SAVING BY SOLAR IS 2% OF MAXIMUM DEMAND LOAD			

Enclosure No. 6 – Sanitary hygienic facilities

Drinking Water Tank

Drinking water is being stored in a clean separate tank to avoid contamination. The waste generated from the labor camps (mostly household waste) is collected and disposed to disposal facility.

Sanitary hygienic facilities provided for workers at site.

Enclosure No. 7: Monitoring Reports



A-7/2/C-11, Capital City, Tahwada - Chakari Road, Chakari MfDC, PH-IV, Village Nighoje, Tai. Khed. Dist. Pune-410 801, Maharashtra. Mob+ 9545084620, 8421365421 CIN No. U7490/PN2013PTC149666 E-mail: environsatetyengoligmail.com, gesec12@gmail.com

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB) ISO 9001:2015, ISO 45001: 2018 and ISO 14001: 2015 Certified Company

	TEST REP	ORT			
Test Report No: -	GESEC/PRO/AAQM/2022-23/04/66		Report Date	te 07.09.2022	
Sample ID: -	GESEC/PRO/AAQM/2022-23/04/661				
Name & Address of the Customer	M/S. SATYAM INFRA REALITY LLP Survey No.85,Rohinijan Kharghar				
	Ambient Air Sam	ple Details			
Type	Sampling	Location		Sampling done by	
Ambient Air	Near Ma	ain Gate		Sanvi Enviro	Engineer
Patter City	Sampling T	îme			
Start Time	Stop	Time		Total	Hrs.
10.10 Am	06.1	0 Pm		08 H	15.
20100 11111	Metrological Data/Environ	nmental Conditions			
Ambient Temperature of	29	Wet Bulb Tempera	rture oc	25	
Dry Buib Temperature oc	29	Relative Humidity % RH		69	
Date of Sampling	Sample Receipt Date	Analysis Start I	Date	Analysis End Date	
02.09.2022	03.09.2022	03.09.2022		07.09.2022	
Name of Instrument	Combined Sampler	Date of Calibration		25/10/2021	
Calibration Certificate No.	CC202221000006078F	Due Date of Calib	ration	24/10/2022	
Parameters	Method	Method		NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2)	IS:5182 (PART 2):2017		≤ 80	18.2
Nitrogen of Oxides (NO ₂)	IS:5182 (PART 6)	:2018	μg/m³	≤ 80	21.5
Particulate Matter PM ₁₆	IS:5182 (PART 4)	:2019	μg/m³	≤ 100	34.7
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	μg/m³	≤ 60	22.4
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Ar	alysis 3 rd Edition ,2013	μg/m³	≤180	10.4
Ammonia (NH _s) For 24 Hrs.	Method 401, Air Sampling and Ar		μg/m³	≤400	3.7
Carbon Monoxide (CO)	MASA-822 3rd E		mg/M ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :200		μg/M³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011		ng/M ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition		ng/M ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition		ng/M³	≤ 20	BDL
	MASA-822 3rd Edition		µg/М³	1.00	BDL
Lead (Pb) Remark-					

***END OF REPORT

- Terms and conditions
 The report is relet only to the sample tested and not applies to the bulk.
 The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retarmin time etc.
 The test report cannot be reproduced wholly or in part and cannot be used for premotional or sublicity purpose without the written consent of laboratory. GCSEC.
 Samples will be retained for a period of seven [7] days after completion of analysis. Lunger retention periods can be arranged, in request of the customer.
- 5. We strictly maintain the confidentiality of all tout result of sample(s) collected by us/ supplied by customer and out revel to third party unless required by the statutory or legal requirement.
 MoEF approved Lab by Goyt, of India. From date: 16/02/2923 to 79/02/2024.

EN ENVIROR PA

BDL - Below Detectable Limit.

Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By

Page 1 of 1



A-772/C-11, Capital City, Talwade - Chakan Road, Chakan MIDC, PH-IV, Wlage Nighoje, Tal. Khed, Dist. Pune-410 501, Maharashtra. Mob+ 9545084620, 8421365421. CIN No.: U74900PN2013PTC149666 E-mail: environsatelyeng@gmail.com, gesec12@gmail.com

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB) ISO 9001:2015, ISO 45001: 2018 and ISO 14001: 2015 Certified Company

	TEST REPORT				
Test Report No: -	GESEC/PRO/ANLM/2022-23/04/662 Report Date		07.09.2022		
Sample ID: -	GESEC/PRO/ANLM/2022-23,	0/ANLM/2022-23/04/662		07.03.2022	
Name & Address of the Customer	M/S. SATYAM INFRA REALIT Survey No.85,Rohinijan Kha				
	Ambient Noise Samp	le Details			
Type	Ambient Noise				
Sampling done by	Sanvi Enviro Engineers				
Standard method	As Per IS: 9989:2020				
Date of Sampling	Sample Receipt Date	Analysis Start Date		Analysis End Date	
02.09.2022	03.09.2022	03.09.2022		07.09.2022	
Make		Kusam-	Meco		
Name of Instrument	Digital Sound Level Meter	Date Of Calibration		10/10/2021	
Calibration Certificate No.	ME.2021/10/21/002	Due Date o	f Calibration	09/10/2022	
Test Location	Unit	Average Noise Level Readings		MPCB Standards dB(A)	
		DAY	NIGHT	During Day time =	
lear Main Gate	dB (A)	67.3	53.1	75 dB (A) During Night time= 70dB(A)	

- All above Noise level results are within Maharashtra Pollution Control Board Standards limit.
- Day/Night -75/70 dB



Mr. Vinod Hande Technical Manager) Reviewed & Authorized By

END OF REPORT

Page 2 of 1

Terms and conditions

- The report is refer only to the sample tested and not applies to the bulb.

 The results shown in this test report may differ based on various factors including temperature, hemidity, pressure, retention time str...
- The test report cannot be reproduced whally or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC. Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- 5. We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory
- or legal requirement.

 MoEF approved Lab by Govs. of India. From data: 16/02/2022 to 29/02/2024.



A-7/2/C-11, Capital City, Talwade - Chakan Road, Chakan MIDC, PH-IV, Village Nighoje, Tal. Khed, Dist. Pune-410 501, Maharashtra. Mob+ 9545084620, 8421365421 CIN No.: L/74900PN2013PTC149666 E-mail: environsaletyeng@gmail.com.gesec12@gmail.com

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB) ISO 9001:2015, ISO 45001: 2018 and ISO 14001: 2015 Certified Company

	TE	ST REPORT		
Test Report No: GESEC/PRO/DW/2022-23	The second secon	Date of Reporting		07.09.2022
Sample ID: GESEC/PRO/DW/2022-23/09/6	63	Sample Details		Drinking
Name and Address Of the Customer-		Type of Sample		Water
M/S. SATYAM INFRA REALITY LLP Survey No.85,Rohinijan Kharghar		Volume Of Sample	le	1 Lit Plastic Bottle + 1 Lit Glass Bottle
		Sample Status		Sealed
		Sample Collected	Ву	Sanvi Enviro Engineers
		Date of Sample C	ollection	02.09.2022
		Date of Sample re	eceived in lab	03.09.2022
		Analysis start Dat	te	03.09,2022
		Analysis End Date	9	07.09.2022
	WATER	ANALYSIS REPORT		111111111111111111111111111111111111111
Parameter	Result	Limits as per Is 10500:2012	Unit(s)	Standard Method
	Physi	cal Parameter		
Turbidity	<0.1	<1	NTU	IS:3025(part10):2019
Total Dissolved Solid	64.74	<500	mg/lit	IS:3025(part 16):2017
Colour	<5	<5	Hazen	IS:3025(part 4):2021
	Chem	ical Parameter		
pH	6.9	6.5 to 8.5		APHA 4500 23 rd Ed:2017
Total Hardness	22.87	<200	mg/lit	IS:3025 Part-21:2019
Total Alkalinity	16	<200	mg/lit	IS:3025 Part-23:2019
Sulphate	1.21	<200	mg/lit	IS:3025 Part 24:2019
Residual Chlorine	<0.1	<0.2	mg/lit	IS:3025(part 26):2019
Chloride	12.98	<250	mg/lit	IS:3025 Part-32:2019
Calcium (as Ca)	3.01	<75	mg/lit	IS:3025 Part-40:2019
Magnesium (as Mg)	1.67	<30	mg/lit	IS:3025 Part-46:2019
	Elem	ental Analysis		
Iron as Fe	<0.1	<0.3	mg/lit	IS:3025(part 2):2019
	Microbio	logical Parameter		
STATE OF THE STATE	41	44	A cost (con	15 4533 4634
Total Coliform	Absent	Absent	MPN/100 ml	IS 1622:1981

Remark(s):

- The above water sample is Comply with required limit as per IS 10500:2012.
- For Total Coliform & E.coli. Absent can be consider as Zero [Refer IS:1622 (R.A.1996), Table No.-4]



lando. Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By

END OF REPORT

Page 3 of 1

Terms and conditions

- The report is refer only to the sample tested and not applies to the built.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced whichly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC. Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- 5. We strictly maintain the confidentiality of all test result of semple(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement
- MoEF approved Lab by Govt. of India. From date: \$6/02/2022 to 29/02/2024.

Enclosure No. 08: Power Requirements

SN	POWER REQUIREMENT			
1.	SOURCE OF POWER SU	JPPLY : MSEDCL		
2.	During Construction Phase Connected Load	100 KVA		
3.	During Operation Phase Connected Load Maximum Demand Load	1481.09 Kw 1110.82 Kw		
4.	Transformers	1 No 1000 kVA & 1 No 630 kVA		
4.	DG set as Power Back – up during operation a. Construction Phase b. Operational Phase	a. As per requirement b. 1 No. 500 kVA DG Set 5.7X2X3.2 m		
5.	DG Set Location	As shown in drawing		
6.	Fuel used for DG set : a. Diesel / High Speed Diesel b. Storage Capacity	HSD (32 litres/hr.)		

Enclosure No. 09: EMP Costing

BUDGET-ENVIRONMENTAL MANAGEMENT PLAN-CONSTRUCTION PHASE

SN	Parameter	Total Cost/ Yr (Rs. Lacs)
1.	PPE	5.0
2.	Site Sanitation Facility	4.0
3.	Drinking water facility	2.0
4.	Solid Waste Management	2.5
5.	Safety railing, platform, ladder, hoist, Cranes etc.	6.0
6.	House keeping	2.0
7.	Health Check	1.0
8.	Environmental Monitoring	1.5
	Total Cost	24.00

BUDGET-ENVIRONMENTAL MANAGEMENT PLAN-OPERATION PHASE

CNI	FMD Maggings	Capital Cost	O&M Cost/Y
SN	EMP Measures	(Rs. Lacs)	(Rs. In Lacs)
1	Rain Water Harvesting Tank (RWH)	7.50	0.75
2	Sewage Treatment Plant (STP)	80.00	5.5
3	Municipal Solid Waste Management (OWC)	15.00	0.5
4	Landscaping	52.00	8.0
5	Solar street lighting	45	2.5
6	DMP	418.75	40.5
	Total	618.25	57.75

Enclosure No. 10: Solid Waste Management

Facilities Provided	Waste	Generation Norms	Basis of Assumption	U	nit	Total Waste Generated (Kg /day)
RESIDENITAL	0.45	Kg/Capita/day	MSW 2016	1683	Pax	757.35
Total Bio Degradable (40%)						302.94
	Total Non Bio Degradable (60%) 454.41					
Total Waste Generated 757.3						757.35
Space provided for v	Space provided for waste storage and segregation is 45.00 Sq. Mt.					

Enclosure No. 11: Location of Utilities



Enclosure No. 12: Parking Plans

	UDCPR 2020								
				NORMS		REQUIRED		PROVIDED	
SN	Occupancy	Size of tenement	No of tenement		ngested ea		ongested Irea	Non-Cong	ested Area
				Car	Scooter	Car	Scooter	Car	Scooter
1		For every two tenements with each tenement having carpet area less than 40 Sq.m. but more than 30 sq.m.	108	1	5	54	108		
2		For every two tenements with each tenement having carpet area equal to or above 40 sq.m. but less than 80 sq.m.	243	1	2	122	608		
3	Residential	Net F	arking			176	716		
4		Additional 5% p	arking for visi	tors		9	36		
5		Gross Parking (Multiplying fa Corporations in I	nicipal	148	602				
6		Composite Parking for 75% Scooter requirements (1 car for every 6 scooters)						305	151
7		TOTAL PARKING					151		
8		EV Parking (min 2	5%) of total pa	arking				77	151

Enclosure No. 13: Landscape details

Components	Proposed
Total Plot Area	9609.211 Sq.m
Total green area on Ground Total green area on 3rd Floor Podium Total Green Area	630.623 Sq.m 2232.835 Sq.m 2863.458 Sq.m
Existing tree cover if any	NA
Trees to be planted on Ground (1 trees/ 100 sq.mt of plot area)	96
Total new trees to be planted	96



Enclosure No. 13: Landscape Plan

Green area on Ground Floor 630.623 Sq. m



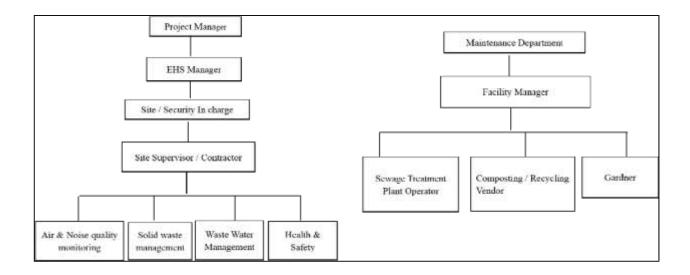
Green area on - 3rd Floor Podium: 2232.835 Sq. m

Enclosure No 14: Environment Management Cell

Sustainable Environmental Management Plan is prepared for this project. This plan provides guidelines for maintaining the quality of environment throughout the project's construction and operation phase. It highlights on environmental components which are likely to get affected due to the project, suggests good practices to control these likely damages.

The plan drafted in two stages that are construction and operation stage. PP will be responsible for executing this plan in *construction stage while the governing body formed in future* will be in charge of implementing the plan in *operation stage*.

Construction Phase



Enclosure No: 15- Advertisement copy

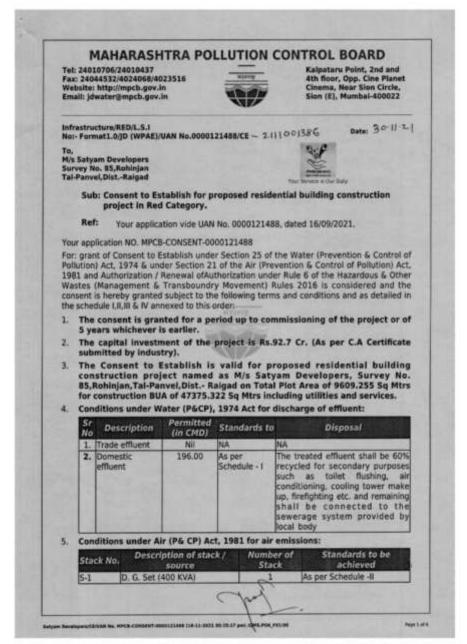




Enclosure No. 16: Consent to establish copy



Maharashtra Pollution Control Board 61a73da18e8c1f74d10af60d





6.	Con	ditions under Solid V	Vaste Rules, 201	6:		
	Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal	
	1	Biodegradable waste	304.94 Kg/Day	Organic waste composter	Waste will be converted into Manure	
	2	Non- Biodegradable waste	454.41 Kg/Day	Segregate	Supplied to authorised Vendors	
7,	Con	ditions under Haza tment and disposal o	rdous & Other of hazardous wa	Wastes (M & 1 ste:	T M) Rules 2016 fo	
	Sr	No Category No	Quantity NA	UoM Treat	tment Disposal	
8.		Board reserves the rig	ht to review, ame	nd, suspend, revol	ke etc. this consent an	
9.	This	consent should not /permission from any o	be construed as		obtaining necessar	
10.	PP s	hall provide STP so as meter BOD-10 mg/lit.			fluent standard for th	
11.	The flush	treated effluent shall ling, air conditioning, c tilized on land for garde	ooling tower make	for secondary p up, firefighting e	surposes such as toile etc. and remaining sha	
12.	PP s	hall extend/submit BG ent to establish condition	to from total sur	n of Rs. 5 Lakhs	towards compliance of	
13.	PP s (blog	hall install organic way	aste digester alo	ng with compost	ing facility/biodigests ge.	
14.	Proje	ect Proponent shall insti flow at the outlet of STF	all online monitori	ng system for the		
15.		project proponent shall of total available park		of charging of ele	ctric vehicles in atleas	
16.		project proponent sha elevel during construct		measures to con	trol dust emission an	
17.	activ	hall obtain Environmen ity. PP shall not take onmental Clearance.	tal Clearance from	n competent auti towards construc	hority for the propose tion without obtaining	
					on behalf of the illution Control Board.	
				Dr. Y.	B.Solytakke 30 1720	
	Received Consent fee of -					
	Sr.//	o Amount(Rs.) Transi	with the bound of the contract of the	Date Tr. /09/2021 NEFT	ansaction Type	
	Copy		173	Total Park		
		egional Officer, MPCB, I			STATE OF THE PARTY	
		hey are directed to ens hief Accounts Officer, M			onditions.	



SCHEDULE-I Terms & conditions for compliance of Water Pollution Control:

- A] As per your application, you have proposed to installed STP having capacity 215 CMD based on MBBR technology
 - 8] 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.

5r.No	Parameters:	Limiting concentration not to exceed in mg/l, except for pH
1	pH	5,5-9.0
2	800	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, fireflighting 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.
- 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	250.00
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

 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.



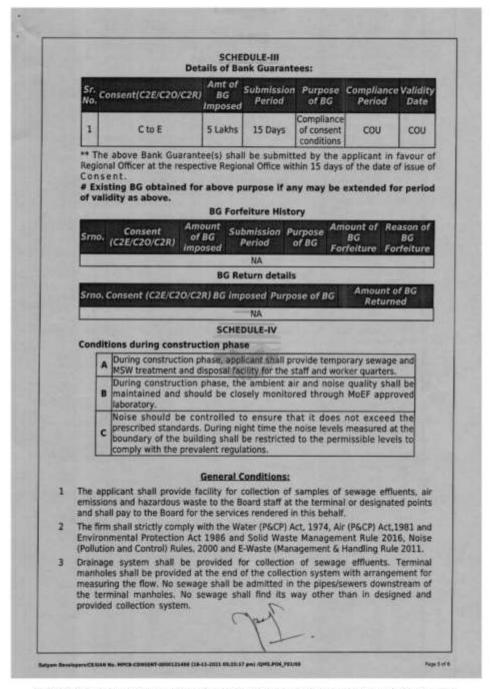
Dalgem Danakoperis CE/GAR file. HPCS-CCH36HT-0000121488 (18-11-2021 00-20127 pm) /GM6.PG6, F01,f60

Page 3 of 5



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 Stack Attached Height in Type of Quantity & APC System Mtrs. UoM To Acoustic D.G Set (400 KVA) 5-1 1.8 HSD 25 Kg/Hr 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 The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacemenalteration 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:a) The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting. b) The toilet shall be provided with exhaust system connected to chimney through c) The air conditioner shall be vibration proof and the noise shall not exceed 68 d) 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. NCE/GAN No. HPCS-CONSENT-0000131480 [18-L1-2033 05:25:27 pin1/QHS.FOK_F01:00







- 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 sitting 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 nulsance 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.

For and on behalf of the Maharashtra Pollution Control Board.

Dr. Y.B.Sontakke³

Batyam Developers/CE/UAN No. HPCO-CONSENT-0000121488 (18-15-2023 09:25:17 per) :QMS-PO6_P01/00

Tage 6 of 6

Enclosure No. 17: Data Sheet with Annexure A & B

Monitoring the Implementation of Environmental Safeguards Ministry of Environment, Forest & Climate Change

Integrated Regional Office, Nagpur

Monitoring Report

Part - I

DATA SHEET

1.	Project Type: River-valley / Mining / Industry /Thermal / Nuclear / Other (Specify)	Building and construction project
2.	Name of the Project	M/s. Satyam Developers
3.	Clearance Letter (s) / OM No. and date	Environment Clearance for expansion received vide reference no. EC22B038MH195014dated 13.03.2022
4.	Location a. District (s) b. State (s) c. Latitude d. Longitude	SURVEY NO.85, ROHINJAN, PANVEL, RAIGAD Maharashtra Latitude: 19°02'25.9"N Longitude: 73°01'45.5"E
5.	Address for correspondence a. Address of concerned Project Chief Engineer (with Pin Code & Telephone/ Telex/ Fax Numbers) &	Project Chief Engineer: Vishakha Agrawal Plot No. 1204/05/06 Maithili Signet, Plot No.39/04, Sector 30A, Vashi, Navi Mumbai, Maharashtra- 400705 Executive Project Engineer- Plot No. 1204/05/06 Maithili Signet, Plot No.39/04, Sector 30A, Vashi, Navi Mumbai, Maharashtra- 400705.
6.	Salient features a. Of the Project	Please refer Annexure A
	b. Of the Environmental Management Plan	Please refer Annexure B

7.	Breakup of the Project area	
	a. Submergence Area: Forest & Non Forest	Not applicable
	b. Others	Please refer Annexure A
	a. Total Plot Area	9609.211 Sq. m.
	b. Built - Up Area (Including Road)	47395.322 Sq. m.
	c. Open Space available	4338.992 Sq. m.
	d. Green belt area	Green area on Ground: 630.623 Sq. m. Green area on 3rd Floor Podium: 2232.835 Sq. m
8.	Breakup of the Project affected population with enumeration of those losing houses/dwelling units only, agricultural land only, both dwelling units & both dwelling units & agricultural land & landless laborers/artisan	Not Applicable
	 a. SC, ST/Adivasis b. Others (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey carried out gives details and years of survey.) 	
9.	Financial Details	
	 a. Project costs as originally planned & subsequent revised estimates and the year of price reference. b. Allocations made for Environmental Management Plan with item wise & year wise breakup. c. Benefit Cost Ratio / Internal rate of Return and the year of assessment. 	92.7 Crs.
	d. Whether (c) includes the cost of Environmental Management as shown in the above.	
	e. Actual expenditure incurred on the	

	Project so far	
	f. Actual expenditure incurred on the Environmental Management Plan so far	
10.	Forest land requirement	
	a. The status of approval for diversion of Forestland for non-forestry use	Not Applicable
	b. The Status of clearing felling c. The status of compensatory Afforestation programme in the light of actual field experience	Not Applicable

11.	The status of clear felling in non-forest areas	Not Applicable
	(such as submergence area of reservoir,	
	Approach roads), if any with quantitative	
	information	
12.	Status of construction	
	a Data of commoncement (Actual	Date of Commencement:10.05.2022
	a. Date of commencement (Actual and/or Planned)	Date of Commencement:10.05.2022
	aa, caca,	
	b. Date of completion (Actual and/or Planned)	Data of completion, 21 12 2026
	Platfiled)	Date of completion: 31.12.2026
13.	Reasons for the delay if the project is yet to start	Not applicable
13.	Reasons for the delay if the project is yet to start	Not applicable
14.	Dates of site visits	
	a. The dates on which the Project was	MPCB officer visited the site on 07.11.2021
	monitored by Re g i o nal Offi ce o n	
	previous occasions, if any	
	b. Date of site visit for this monitoring	DEC2023
	Report	
15.	Details of correspondence with project	Not applicable
	authorities for obtaining action plan /	
	information on status of compliance to	
	safeguards other than the routine letters for	
	logistic support for site visit.	
	(The monitoring report may obtain the details of	
	all the letters issued so far but the later reports	
	may cover only the letters issued subsequently)	

ANNEXURE-A PROJECT DETAILS

Name & Location	:	SURVEY No 85, Rohinjan, Panvel, Raigad	
		By M/s. Satyam Developers	
Total no. of workers to be	:	50- 60 Nos.	
employed during the construction			
phase.			
Total Project cost	:	92.7 Crs.	
Project infrastructure	:	Ground + 21 Floor	
		3 podiums	
		3 rd floor landscape	
Area Statement	:	Total Plot Area: 9609.211Sq. Mt.	
		Total Construction BUA: 47395.322 Sq. m	
		·	
		Green area on Ground: 630.623 Sq. m.	
		By M/s. Satyam Developers 50- 60 Nos. 92.7 Crs. Ground + 21 Floor 3 podiums 3rd floor landscape Total Plot Area: 9609.211Sq. Mt. Total Construction BUA: 47395.322 Sq. m Green area on Ground: 630.623 Sq. m. Green area on 3rd Floor Podium: 2232.835 Sq. m Source: MIDC During Operation Phase- Domestic: 151 KLD Flushing: 76 KLD Landscaping: 12.00 KLD Total Water demand: 239.00 KLD Wastewater generated: 219 m³/day STP Technology: MBBR (230 m³/day Capacity). Source: MSEDCL During Operation Phase	
Water requirement and		Ground + 21 Floor 3 podiums 3 rd floor landscape Total Plot Area: 9609.211Sq. Mt. Total Construction BUA: 47395.322 Sq. m Green area on Ground: 630.623 Sq. m. Green area on 3rd Floor Podium: 2232.835 Sq. m Source: MIDC During Operation Phase- Domestic: 151 KLD Flushing: 76 KLD Landscaping: 12.00 KLD Total Water demand: 239.00 KLD	
Sources		D. Jacobson Blanco	
		During Operation Phase-	
		Domestic: 151 KLD	
		Flushing: 76 KLD	
		Landscaping: 12.00 KLD	
		Total Water demand: 239.00 KLD	
Sewage generated	:	Wastewater generated: 219 m ³ /day	
		STP Technology: MBBR (230 m ³ /day Capacity).	
Power	:	Source: MSEDCL	
		During Operation Phase Connected load: 1481.09 Kw	

		Demand load: 1110.82 Kw DG set: 1 NO. 500 KVA kVA 1 No 1000 kVA & 1 No 630 kVA	
Gaseous emission	:	 Vehicle carrying materials to be transported must have a PUC certificate. Heavy vehicle movement will be allowed only during nighttime. Construction equipment's with idling control technologies will be used. Regular maintenance of the equipment will be carried out. 	
Solid waste from:		Total Biodegradable waste: 302.94 Total Non-Biodegradable waste: 454.41 Total Waste: 757.3550.45 Kg/day	

ANNEXURE-B

EMP FOR CONSTRUCTION PHASE

Sr.	Environmental	Activity	Impacts	Precautionary measures
No.	component			
1.	Ambient Air Quality & Noise level	 Site Clearance Excavation Construction of structures Heavy vehicles traffic Use of DG set Open burning of waste. 	 Increased level of dust & other air pollutants Increased Noise level. 	For controlling air pollution ❖ Use of RMC in enclosed container. ❖ Construction activities shall not be permitted at night. ❖ Dust covers shall be provided on trucks that would be used for transportation of Materials prone to fugitive emission. Also
				water sprinkling on ground will be done. Mitigation measures shall include regular maintenance of machinery and provision of personnel protective equipment's to workers where needed. For controlling noise pollution Use of equipment generating noise of not greater than 90 dB (A). High noise generating construction activities would be carried out only during day time. Installation, use and maintenance of mufflers on equipment. Acoustic enclosures for DG sets and ear muffs will be provided for workers working near high noise construction machinery.

2.	Water	 Use of fresh water for construction activity/ labours Wastewater generation Disposal of site Run off into SWD Water logging 	 Strain on the water supply in the vicinity Sedimentation Pollution of nearby water courses Unhygienic condition for surrounding residents. The sewage shall be treated in full-fledged Sewage treatment plant and treated sewage shall be reused for in-house flushing and landscaping. The storm water Management. Rain Water Harvesting.
3.	Soil	Preconstructionandexcavation	 Loss of good fertile Soil Separate storage of Debris & Construction
		debris Storage of construction material/ chemicals Transportation of hazardous material Residual paints Solvents/ bituminous material etc. Heavy vehicle operation/ maintenance Generation of garbage by Labourers	 ❖ Soil erosion, ❖ Soil contamination due to mixing of construction material/ accidental spillage of ❖ chemicals/oils

	Even after taking precautions if soil is found to be contaminated, it shall be removed and disposed of to authorized site.		*	
4.	Ecology	Site clearance, Construction of structures Cutting of trees.	 ❖ Disturbing natural flora and fauna Loss of vegetation from chemical spills ❖ from vehicles 	Tree plantation
5.	Socio economic environment	 Construction work Labour hutments 	 Positive impact Employment generation Safety and hygiene at site may be affected during construction 	 Adequate drinking water, toilet and bathing facilities. Personal protective and safety equipment will be provided. First aid facility for construction workers. Regular health checks up of workers. Regular pest control will be done on site. Educational and awareness program for firefighting and safety measures.

EMP FOR OPERATION PHASE

Sr. No.	Environmental component	Activity	Impacts	Precautionary measures
1.	Ambient Air Quality & Noise level	❖ Increased vehicular trips, Use of DG sets	 Traffic congestion, Air Pollution, Increase in noise level. 	For controlling air pollution ❖ No direct impact on air environment For controlling noise pollution ❖ Compound wall and rows of trees to act as noise buffer ❖ DG sets with Soundproof Enclosure with dB (A) level not greater than 75 dB (A).
2.	Water	 Increased demand of natural water, Generation of wastewater Increased paved structure 	 Stress on existing water supply Pollution of water bodies Increased run off from site. 	 The sewage shall be treated in full-fledged Sewage treatment plant and treated sewage shall be reused for in-house flushing and landscaping. The storm water Management. Rainwater Harvesting.
3.	Land Even after taking p	 Solid waste generation, Transportation of hazardous material Increased paved structure 	 Improper disposal of waste, Accidental spillage of hazardous chemicals leads to soil contamination Increased run off from site. It be contaminated, it shall 	 Rain-water harvesting Recycling of water through STP Strom water drainage will be properly maintained.
	to authorized site.			·
4.	Ecology	Introduction of new tree species	Disturbing natural flora and faunaIncreased Exposure	Landscaping and tree plantation at periphery

			to	
5.	Socio economic environment	❖ Development of new land use, influx of people	 Stress on all utilities, risk and danger due to natural and manmade disaster Positive impact Employment generation anthropogenic activities. 	 Implementation of firefighting and safety measures Environmental awareness programme for surrounding area Emergency preparedness plan will be explained

HAZARDOUS WASTE MANAGEMENT PLAN CONSTRUCTION PHASE:

Environmental Management Plan for Hazardous Waste Generation

Sr. No.	Source of Hazardous Waste Generation	Mitigation Measures
1.	Leakages and spillage oil or fuel	 Contaminated soil if any shall be disposed off to Authorized Disposal site. Bituminous materials/ any other chemicals shall not be allowed to leach into the soil.
2.	Residual Paints/ Solvents	do

Other hazardous wastes, if an, shall also be handled in the similar way through authorized dealers only.

OPERATIONAL PHASE:

Sr.	Source of	Hazardous	Waste	Mitigation Measures	Disposal
No.		Generation			
1.	Waste Oil from D).G. Sets		-	 Waste oil will be handed over to authorized Recycler

Enclosure No. 18: SITE PHOTOGRAPHS



Labour Toilet



Labour Safety measures used



Medicine sprinkling for snake



RO plant installed for drinking water



Safety Net installed

Labour Hutment



