SIX-MONTHLY ENVIRONMENTAL COMPLIANCE REPORT

For Period: October 2022 to March 2023

"Bliss County"

RESIDENTIAL CONSTRUCTION PROJECT

AT

GAT.NO.510

CHARHOLI, TALUKA- HAVELI, DIST- PUNE

By,

M/s. GANESH SATISH PATIL

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Sr. No	Particular		lar	Details
1	Name	of	Project	Mr. Gajanan Chitte
	officer			
				M/s. Ganesh Satish Patil
				Gat No. 510, Charholi, Tal-Haveli,
				Dist- Pune by M/s. Ganesh
				Associates.
				Tel: 02027370556
				Email:
				purchase.sbpatilgroup@gmail.com
2	Name	of	Nodal	Same as above
	officers			

1. INFORMATION OF PROJECT OFFICER AND NODAL OFFICER

2. PHOTOGRAPHS SHOWING PRESENT PROGRESS OF WORK

(October 2022- March 2023)

A Building



Monitoring the Implementation of Environmental Safeguards Ministry of Environment, Forest and Climate Change West - Central Zone (WCZ), Regional Office, Nagpur

Monitoring Report

PART – I

3. DATA SHEET

Sr.	Particulars	Details
No.		
1.	Project type:	Residential and Commercial Project
	River Valley/ Mining/ Industry/	
	Thermal/ Nuclear/ Others	
	(specify)	
2.	Name of the Project	"Bliss County"
3.	Clearance letter (s)/ OM No.	Environment Clearance obtained from
	and date	Environment Department; Govt. of Maharashtra
		vide EC letter No. SIA/MH/MIS/210506/2021.
4.	Location	
	a) District (s)	Pune (Taluka – Haveli, Chilkhali)
	b) State (s)	Maharashtra
1	c) Location latitude / longitude	
5.	Address for Correspondence	Mr. Gajanan Chitte
	a) Address of the Concerned	Ganesh Satish Patil
	Project Chief Engineer (with Pin code & Telephone	Gat No. 510, Charholi,
	/ Telex / Fax Numbers)	Tal-Haveli, Dist- Pune
	b) Address of the Concerned	
	Project Chief Engineer	Email: purchase.sbpatilgroup@gmail.com
	(with Pin code & Telephone	
	/ Telex / Fax Numbers)	
6.	Salient features of the Project	Location of the project:
		M/s. Ganesh Satish Patil
		Gat No. 510, Charholi,
		Tal-Haveli, Dist Pune
		Total Plot Area: 8556.35. Sq.M.

		Total Built up Ar	rea: 36137.82 Sq.M.	
	Bldg. Structure proposed:			
	Total No of Buildings- 5			
		Buildings-		
		Buildg. A	B1+B2+GP+8 FL	
		Buildg. B	B1+B2+GP+8 FL	
		Buildg. C	B1+B2+GP+8 FL	
		Buildg. D	B1+B2+GP+8 FL	
		Buildg. E	B1+B2+GP+8 FL	
		Club House: G+1		
		Proposed Units:		
	Tenements: 315Nos. (Residential A to E +Mhada -27)		los. (Residential A to E - 288	
		Commercial :62 N	lo's of Shops	
		Water requirements Source: PCMC.	ent: 231.87 KLD	
		STP proposed: 1 x 230 KLD capacities with MMBR Technology for Residential and Commercial building		
		Rain water harvesting: 9 no. of recharge pits proposed		
		Landscape: 748.28 Sq.M. landscape area.		
		Parking provided : Parking area is 8565.35 Sq.M.		
		Parking provided for 184 No of Cars, 868 No of Two wheelers.		
		Power Requirement: Maximum demand: 886.58 kVA Connected Load: 1512.37 kVA Source: MSEDCL D.G. Set proposed in Operation Phase:		
<u> </u>		1No. X 200KVA (
7.	Breakup of the Project Area a) Submergence area: forest & non forest	Not Applicable		

	b) Others	
8.	Breakup of the project	The project is proposed on own land thus there
	affected population with the	is no displacement of population is proposed
	enumeration of those losing	
	Houses / Dwelling units only,	
	Agricultural Land & Landless	
	Laborers / Artisans:	
	a) SC, ST/Tribes	
	b) Others	
	(please indicate whether	
	these figures are based on	
	any scientific and systematic	
	survey carried out or only	
	provisional figures, if a	
	survey is carried out give	
	details & year of survey)	
9	Financial Details	
a)	Project cost as originally	Total Project Cost Projected- Rs. 41.65 Cr.
	planned and subsequent	
	revised estimates and the year	
	of price reference	

b)	Allocation made for			
	environmental management	Sr.	Particulars	Amount.
	plans with item wise and year			in Rs.
	wise breakup			Lakhs)
		Capi	tal Cost	,
		1.	Sewage Treatment Plant	27.50
		2.	Rain water harvesting	16.0
		3.	Green belt development	10.67
		4.	Energy savings	17.49
		5.	Solid waste management	15.50
		6.	DMP	84.25
		7.	Environment Monitoring	-
			Total	171.41
		0&1	M Cost	
		Sr.	Particulars	Amount in
		No		Rs. Lakhs
		1.	Sewage Treatment Plant	9.32
		2.	Rain water harvesting	1.6
		3.	Green belt development	5.12
		4.	Energy savings	0.87
		5.	Solid waste management	3.54
			Environment Monitoring	4.0
		7.	DMP	12.95
			Total	37.4
c)	Benefit cost ratio/Internal rate of	Not ap	plicable	
	return and the year of			
	assessment			
d)	Whether (c) includes the cost of	Yes, ir	ncluded	
	environmental management as			
	shown in the above			
e)	Actual expenditure incurred on	As per	r requirement	
	the project so far			
f)	Actual expenditure incurred on	As per	r requirement	
	the environmental management	t		
	plans so far			
10	Forest Land Requirement			
a)	The status of approval for			
	diversion of forest land for non-			
	forestry use		P 11	
b)	The status of clearing felling	Not ap	plicable	

	The status of companyatem.	Natavaliashis
c)	The status of compensatory	Not applicable
	afforestation, if any comments	
	on the viability & sustainability of	
	compensatory afforestation	
	program in the light of actual	
	field experience so far	
11	The status of clear felling in	Not applicable
	non-forest areas (such as	
	submergence area or reservoir,	
	approach roads.), if any with	
	quantitative information	
	required.	
12	Status of construction (Actual	Actual Status of Construction.
	& /or planned)	Total Constructed Built up area 10,000 Sq.m
		Configuration
		A Building Completed till G+ 8F,
		B building Completed till G+6F,
		C Building Putting and retaining wall completed
a)	Date of commencement (Actual	Date of Commencement will be January 2021
	& / or planned)	(planed).
b)	Date of completion (Actual & /or	Date of Commencement will be January 2025
	planned)	(planed).
13	Reasons for the delay if the	NA
	project is yet to start	
14	Dates of Site Visits	NA
a)	The dates on which the project	Nil
	was monitored by the Regional	
	Office on previous occasions, if	
	any	
b)	Date of site visits for this	Nil
	monitoring report	
L		

Name : For M/s. Ganesh Satish Patil "Bliss County"

Signature

:

1. Brief About Project:

EC grant Details: EC Letter NO. SIA/MH/MIS/210506/2021 dated 06.05.2022.

Project Details: The said project involves in residential building construction.

Name of the Project: "Bliss County".

- a) Name of proponent: Ganesh Satish Patil
- b) Project Type: Residential and Commercial
- c) Project Location: Gat. No. 510 Charholi, Taluka- Haveli, Dist- Pune.
- d) Total Cost of Project: 41.65 Cr.
- e) Land Area: 8565.35 Sq.M.
 - 1. Built Up Area: 36167.82 Sq.M.
- f) Constructed area Till Date: 13,000.00 Sq.m.

Sr. No	Description	BUA (Sq.m)
1	A Building	8000.0
2	B Building	5000.0
	Total	13,000.00 (35% Work is completed)

2. Point-wise compliance status to various stipulations, as laid down by State Environmental Impact Assessment Authority (SEIAA), Maharashtra (MoEF)

	Compliance Period October 2022 – March 2023					
	COMPLIANCE CONDITIONS					
0540	Specific Condition SEAC Conditions					
SEAC	Conditions					
No.	Conditions	Compliance				
1	The planning authority shall not grant OC to the project till the sustainable water supply to the project is ensured. The same condition shall be mentioned by PP in the agreement to be executed with the prospective buyers if any	Noted and agreed				
2	PP ensure that proposed STP should be 40% open to sky for adequate ventilation	Complied with, PP has design STP as per Norms				
3	PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction	During construction phase Tanker water is using for construction activity and for drinking				
4	PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging point at suitable place	Complied with				
SEIAA	Conditions					
1	PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary. PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement	Noted				
2	PP to achieve at least 5% of total energy requirement from solar /other renewable Sources	Noted and will be complied during operation phase				
3	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-IA.III dt.04.01.2019.	The above condition is noted and will be adhere to Noted.				
4	SEIAA decided to grant EC for –FSI: 24149.24 m2, non-FSI:12018.58 m2 and Total BUA: 36167.82 m2 (Plan Approval no- BP/EC/Charholi/04/2022 Date- 17.03.2022)	Noted.				
	General Condition					
i.	The solid waste generated should be properly collected and segregated. Dry /inert solid	Noted,				

	waste should be disposed of to the approved sites for land filling after recovering recyclable material.	Proper solid waste management will be taken place at site
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.	Noted and complied, Proper SOP will be followed to maintain Muck at site
iii.	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra pollution control board	Not applicable
iv.	Adequate drinking water and sanitary facilities should be provided for construction workers at the side. provision should be made for mobile toilets. the safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Temporary arrangement of Mobile toilet and drinking water facility provided at site
V.	Arrangement Shall be made that waste water and storm water do not get mixed.	Noted and will be complied during operation phase
vi.	Water demand during construction should be reduce by use of pre –mixed concrete, curing agents and other best practices.	Agreed, Ready Mix Concreate will be used during construction phase
vii.	The ground water level and its quality should be monitored regularly in construction with ground water Authority.	Complied with, Water quality report attached as Annexure -I
viii.	Permission to draw ground water shall be obtained from the competent authority prior to construction /operation of the project.	Not Applicable, Water taker will be used during construction phase
ix.	Fixtures for showers, toilet Flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.	Noted and agreed,
Х.	The Energy conservation Building code shall be strictly adhered to.	Noted and will be complied
xi.	All topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site.	Agreed, Top soil will be stored at designated place and which will be reutilized for plantation purpose
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	Not required,

xiii.	Soil and ground water samples will be tested to ascertain that there is on threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Complied with, Soil and water analysis report attached as Annexure II & I			
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 and agreed			
XV.	The diesel generator sets to be used during construction should be low Sulphur diesel type and should conform to environments (protection) rules prescribed for air and noise emission standards.	Agreed, Only LSD will be used in DG and only require quantity will be stored at site			
xvi.	PP to strictly adhere to all the conditions mentioned in Maharashtra (urban Areas) protection and preservation of trees Act,1975as amended during the validity of Environment Clearance.	Repetition of Point			
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.	Agreed and will be complied with			
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 so as to conform to the stipulated standards by CPCB/MPCB.	Construction activity is restricted to only day time and Noise level regularly monitored at site Report attached as Annexure III & Annexure IV.			
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. Use low Sulphur Diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	Noted and agreed			
XX.	Regular supervision of 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.	Noted			
B)Operation Phase:-					
i.	The solid waste generated should be properly collected and segregated .b) Wet waste	During Operation Phase Wet waste will be treated in			

	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 sites for land filling after recovering recyclable material.	OWC and Dry waste will be collected by authorized agency
ii.	E-waste shall be disposed through Authorized vendor as per E-Waste (Management and Handling) Rules ,2016.	Noted and agreed, E waste will be handed over to Authorized agency
iii.	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 ministry before the project is commissioned for operation. treated effluent emanating from STP shall be recycled /refused to the maximum extent possible. treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem form STP. b) PP togive100% treatment to sewage/Liquid Waste and Explore the Possibility to Recycle at least50% of water ,local authority should ensure this.	230 KLD capacity of STP will be installed at site to treat waste water
iv.	Project proponent shall ensure compaction of STP, MSW disposal facility, green belt development prior to occupation of the building .as agreed during the SEIAA meeting PP to Explore possibility of utilizing excess treated water the adjacent area for gardening before discharging in to sewer line no physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made function including water requirement.	Occupancy given only after completion of Service at site like., STP, OWC, DG, Transformer.
V.	The occupancy certificate shall be issued by the local planning authority to the project only after ensuring sustained availability of drinking water ,connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	Noted and agreed
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.	Proper parking plan will be taken place to avoid traffic congestion
vii.	PP to provide adequate electric charging point for Electric vehicles (EVs).	Provision of EV at least 30% of the total parking
viii.	Green belt development shall be carried out considering CPCB guidelines including selection of the stipulated environmental safeguards.	Landscaping will be done at site as per CPCB Norms

ix.	A separate environment management call with	Noted and Agreed
	qualified staff shall be set up for	
	implementation of the stipulated environmental safeguards.	
х.	Separate fund shall be allocated for	EMP fund will be separated
	implementation of environmental protection	during construction phase
	measures /EMP along with item –wise breaks-up. theses cost shall be including's part	as well as operation phase Capital Cost: 171.41 Lakh
	of the project cost. The fund earmarked for the	O/M Cost: 37.4 Lakh
	environment protection measures shall not be	
	diverted for other purposes.	
xi.	The project management shall advertise at	Noted and complied with
	least in two local newspaper widely circulated in the region around the project one of which	PUBLIC NOTICE
	shall be in the Marathi language of the local	This is to inform the public in general that Environment Clearance of proposed Residential & Commercial project namely "Bliss County" Located at Survey No. 510/1 &
	concerned within seven days of issue of this	510/4(P), Village Charholi Budruk, Tal. Haveli, Dist. Pune, Maharashtra by Ganesh Satish Patil has been accorded
	letter informing that the project has been accorded environmental clearance and copies	Environment Clearance (EC) by State Level Environment Impact Assessment Authority, Environment Department, Mantralaya,
	of clearance letter are available with the	Mumbai vide EC ID No. EC22B038MH110648 on dated 6th May 2022 and File No. SIA/MH/MIS/210506/2021. This Clearance is accorded with the provision of EIA Notification 2006.
	Maharashtra Pollution Control Board any may	The copies of this letter are available with the Maharashtra PollutionControl Board and may also be seen at Website
	also be seen at Website At http:	http://parivesh.nic.in
xii.	//parivesh.nic.in Project management should submit half yearly	Noted and complied with
×II.	compliance reports in respect of the stipulated	This report for April 2022 to
	prior environmental clearance terms and	September 2022
	conditions in hard & soft copies to the MPCB	
	& this department, on 1st June &1ST December of each clearance year.	
C)Gen	eral EC Conditions: -	
i.	PP has to Strictly abide by the conditions	Noted and agreed
	Stipulated by SEAC & SEIAA.	
ii.	If applicable consent for Establishment" Shall be obtained form Maharashtra Pollution	
	be obtained form Maharashtra Pollution control board under Air and Water Act and	Consent to Establish is obtained vide letter Format
	copy Shall be submitted to the Environment	No.1.0/JD (WPAE)/UAN
	Department before start of any construction	NO. 0000101487/CE-
	work at the site.	2012001205 dated
iii.	Under the provisions of Environment	28.12.2020. Noted and agreed
	(protection) Act ,1986 legal action shall be	Noted and agreed
	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	Noted and agreed,
	monthly reports on the status of compliance of	This report for October
	the stipulated EC conditions including results	2022 to March 2023
	of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office	
L	as sy c many to the respective Regional Onice	

	of MoEF, the respective Zonal Office of CPCB	
	and the SPCB.	
V.	The environmental statement for each financial year ending 13st 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 (Protraction) Rules, 1986 As amended subsequently, shall also be put on the Website of the company along with the status of compliance of EC condition and shall also be sent to the respective regional offices of MoEF by e-mail.	Noted and will be complied
Vİ.	No further Expansion or modifications, other than mentioned in the EIA Notification 2006and 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 the 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
vii.	This environmental clearance is issued subject t to obtaining NOC form forestry & Wild life angle including clearance form the standing committee of the national Board for Wild life as if applicable & this environment clearance dose not necessarily implies that forestry & wild life clearance granted to the project which will be considered separately on merit.	Not applicable, As project located in urbanized area and No forest and wildlife is present in and around the project site.
4	The environmental clearance is being issued without prejudice to the action initiated under Ep Act or any court case pending in court of low and it dose 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 dose not give immunity to the project proponent in the case filed against him ,if any or Acton initiated under Ep Act .	Noted
5	This Environmental clearance is issued purely from an environmental point of view without prejudice to any court cases and all other applicable permission /NOCs shall be obtained before starting proposed work at site.	Noted

6	In case of submission of false document and non-compliance of stipulated conditions, Authority/Environmental Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.	Noted
7	Validity of Environmental clearance: the environmental clearance accorded shall be valid as per EIA notification ,2006, amended time to time.	Noted
8	The above stipulations would be enforced among others under the water (prevention and control of pollution) Act ,1974, the Air (prevention and control of pollution) Act 1986 and rules there under, Hazardous Wastes (management and handling) Rules ,1989 and its amendments the Public Liability Act 1991and its Amendments.	Noted
9	Any appeal against this Environmental clearance shall lie with national Green Tribunal (Western Zone Bench, Pune), New Administrative Building,1 st Floor, D-Wing, Opposite Council hall, Pune if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act ,2010.	Noted

List of Annexures

Annexure No.	Details
1	Water quality monitoring report
2	Soil quality monitoring report
3	Noise quality monitoring report
4	Ambient Air monitoring report
5	Master Layout

Engineers & Consultant Pvt Ltd. 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. : U74900PN2013PTC149666 E-mail : environsafetyeng@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/DW/2022	-23/03/383	Report Date		05/04/2023	
Sample ID - GESEC/DW/2022-23/	03/383	Sample Details	12-12-12	RO Water	
Name & Address of the Custome	r -	Type of Sample		Drinking Water	
"Bliss County"	1. 1. 1. 1. 1. 1. 1.	Volume Of Sample		2 Lit plastics Can	
at Gat No.510, Charholi BK ,		Sample Status	12 2 3 3 2 3	Sealed	
Tal-Haveli, Dist- Pune by M/s. G	anesh Satish	Sample Collected B	y	GESEC	
Patil		Date of Sample Coll	lection	28.03.2023	
		Date of Sample reco	eived in lab	29.04.2023	
		Analysis start Date	1 100	29.04.2023	
		Analysis End Date		05.04.2023	
		Contraction of the	No. of State		
	W	ATER ANALYSIS REPO	ORT		
Parameter	Result	Limit As per IS 10500:2012	Unit	Standard Method	
	1	Physical Parameter	A STANSFORM		
Turbidity	<0.1	Max 1	NTU	IS:3025 Part-10:2019	
TDS	32.89	Max 500	mg/l	IS:3025 Part-16:2017	
Color	<5	Max 5	Hazen	IS:3025 Part-4:2021	
Odour	Agreeable	Agreeable	1000 - 200	IS:3025 Part-5:2018	
		Chemical Paramete	r		
pH	7.21	6.5 to 8.5		APHA 4500, 23rd Edition:2017	
Total Hardness	36.4	Max 200	mg/l	IS:3025 Part-21:2019	
Total Alkalinity	25.0	Max 200	mg/l	IS:3025 Part-23:2019	
Sulphate	5.13	Max 200	mg/l	IS:3025 Part-24:2019	
Residual Chlorine	0.26	Min 0.2	mg/l	IS:3025 Part 26:2019	
Chloride	8.01	Max 250	mg/l	IS:3025 Part-32:2019	
Calcium (as Ca)	4.98	Max 75	mg/l	IS:3025 Part-40:2019	
Magnesium (as Mg)	1.22	Max 30	mg/l	APHA 3500- Mg, B, 23 rd Edition:2017	
	The second second	Elemental Analysis	s	And the second	
Iron as Fe	0.013	Max 0.3	mg/l	IS:3025 Part- 2:2019	
and the second second second second	M	licrobiological Param	eter		
Total Coliform	Absent	Absent	MPN/100ml	IS 1622:1981	
E.coli.	Absent	Absent	/100ml	IS 1622:1981	
Remark(s): > The above water samp > For Total Coliform & E		e consider as Zero [I	Refer IS:1622 (R.A.	D 100	
		***End of Report	Consultant PV	nl	

- Terms and conditions

 1. The report is refer only to the sample tested and not applies to the bulk.

 2. The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.

 3. The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.

 4. 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.

 6. MoEF approved lab by Grout of India. Error data 15/02/002 to 30/02/02
- MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024.

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GREEN ENVIROSAFE - ma Engineers & Consultant Pvt Ltd. 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. : U74900PN2013PTC149666 E-mail : environsafetyeng@gmail.com, gesec12@gmail.com

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Tast Banart No. CECEC/DBC/CO	12022 22/02/201	1	Date of Penert	05/04/2022	
Test Report No: GESEC/PRO/SO, Sample ID: GESEC/PRO/SO/202			Date of Report	05/04/2023	
Name & Address of the Custom			Date of Sampling Start Date of Analysis	29/04/2023	
"Bliss County"					
at Gat No.510, Charholi BK ,			End Date of Analysis Sample Details	05/04/2023 Soil	
	Sanesh Satish Patil			and a second second	
Tal-Haveli, Dist- Pune by M/s. Ganesh Satish Patil			Nature of sample	solid	
Sample Collected By	GESEC		and the second second		
Parameter	Result Unit		Standard I	Method	
рН	7.04		IS:2720 (Part 26), Rev 2:2016		
Electrical Conductivity	403.98	µs/cm	IS 14767:2021	· · · · · · · · · · · · · · · · · · ·	
Available Phosphorous as PO4	7.99	kg/ha	Method manual, Soil testing in India (Department of agricu and cooperation, Ministry of agri. Government of India, Pag No.95:2011)		
Soil Moisture	3.2	%	IS 2720 (PART II):2016	2012 1	
Calcium (as Ca)	4.19	mg/kg	Method manual, Soil testing in India (Department of agricultu and cooperation, Ministry of agri. Government of India , Page No.104:2011)		
Magnesium (as Mg)	1.46	mg/kg	Method manual, Soil testing in India (Department of agricultu and cooperation, Ministry of agri. Government of India, Page No.104:2011)		
Bulk Density	2.64	gm/cm ²	IS:2720 (Part 14):2020	1. C	
Iron (as Fe)	14.88	mg/kg	Methods Manual, Soil Testing in India (Dept. of Agriculture a Cooperation, Ministry of Agri. Government of India,178 page no.107: 2011		
Zinc (əs Zn)	2.01	mg/kg	Methods Manual, Soil Testing in Ir Cooperation, Ministry of Agri. Gov no.107: 2011		
Water Holding Capacity	41.36	%	Method manual, Soil testing in Inc and cooperation, Ministry of agric		
Organic Carbon	3.32	%	IS:2720 (Part 22):2020		
Total Kjeldahl Nitrogen	24.09	%	IS 14684:1999		
Potassium (as K)	41.79	kg/ha	Methods Manual, Soil Testing in India (Dept. of Agriculture a Cooperation, Ministry of Agri. Government of India,17B page no.99: 2011		
Copper (as Cu)	10.3	mg/kg	Methods Manual, Soil Testing in India (Dept. of Agriculture an Cooperation, Ministry of Agri. Government of India,17B page no.107: 2011		
Sodium	19.67	mg/kg	Methods Manual, Soil Testing in India (Dept. of Agriculture a Cooperation, Ministry of Agri. Government of India,17B page no.149: 2011 Page 1 of 2		

Terms and conditions

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The resords are frequently 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, humbliny, pressure retention time etc.
The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity burgoes 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 Call be arringed, on request of the customer.
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 with retremement

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- or legal requirement. 6. MoEF approved Lab by Govt. of India. From date. 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. : U74900PN2013PTC149666 E-mail : environsafetyeng@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 RE	PORT			
Test Report No: -	GESEC/PRO/ANLM/2022-23/03/382			05/04/2022	
Sample ID: -	GESEC/PRO/ANLM/2022-23/	C/PRO/ANLM/2022-23/03/382		te 05/04/2023	
Name & Address of the Customer	"Bliss County" at Gat No.510, Charholi BK , Tal-Haveli, Dist- Pune by M		atil		
	Ambient Noise	e Sample Details			
Type	Ambient Noise	A State of the			
Sampling done by	GESEC	Sale and the set			
Date of Sampling	Sample Receipt Date	Analysis St	art Date	Analysis End Date	
28/03/2023	29/03/2023	29/04/2023		05/04/2023	
		Average Noise L	evel Readings	CPCB Standards	
Test Location	Unit	Day	Night	dB(A)	
Near Project Site	dB(A)	52.7	41.9	55/45	
Remark-		on Control Board Sta			

Page 1 of 1



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. : U74900PN2013PTC149666 E-mail : environsafetyeng@gmail.com, gesec12@gmail.com

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	TEST REPOR	Т			
Test Report No: -	GESEC/PRO/AAQM/2022-23/03/380	ESEC/PRO/AAQM/2022-23/03/380 Report Date		05/0	. 12022
Sample ID: -	GESEC/PRO/AAQM/2022-23/03/380		Report Date	05/0	4/2023
Name & Address of the Customer	"Bliss County" at Gat No.510, Charholi BK , Tal-Haveli, Dist- Pune by M/s. Ganesh Sa	atish Patil			
	Ambient Air Sample	Details	State 1-	Har I	
Туре	Sampling Location		Sam	pling done by	1
Ambient Air	Near Project Site	5 1 1 S 2 8 2		GESEC	
	Sampling Time	1000	18.105		
Start Time	Stop Time		Martin Contraction	Tota	Hrs.
11.10 am	07.10 pm			08 H	Irs.
E THERE AND A REAL OF	Meteorological Data/Environm	ental Conditions		2	
Ambient Temperature ° C	30	Wet Bulb Temperature ° C		22	
Dry Bulb Temperature °C	30	Relative Humic	dity % RH	58	1.6
Date of Sampling	Sample Receipt Date	Analysis Sta	rt Date	Analysis	End Date
28/03/2023	29/03/2023	29/04/20	023	05/04	/2023
Parameters	Method		Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017		µg/m ³	≤ 80	18.69
Nitrogen Dioxide (NO2)	IS:5182 (PART 6):2018	E COLORED BEE	µg/m ³	≤ 80	22.47
Particulate Matter PM10	IS:5182 (PART 4):2019	A STATE	µg/m ³	≤ 100	49.05
Particulate Matter PM2.5	IS:5182 (PART 24):2019	1 4 Sec.	µg/m ³	≤ 60	21.94
Remark- > All above result	s are within National Ambient Air Quality st	EN ENVIROS P	1 CE . DJ	Mr.	Vinod Hand cal Manager

END OF REPORT Consultan

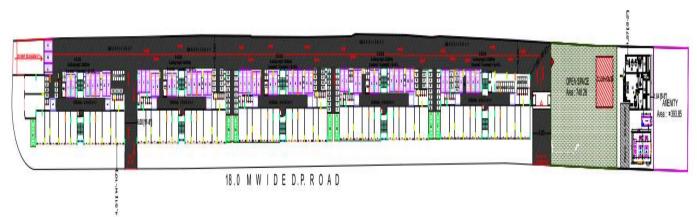
Page 1 of 1

- Terms and conditions The report is refer 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, retention time etc. The test report cannot be reproduced wholly 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. 2. 3. 4.
- 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. 5.

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Annexure 5



MASTER PLAN

5.0 Point-wise compliance status to various stipulations Standard EC Conditions for Project/Activity 8 (a/b): Building and Construction Projects / Townships and Area Development Projects

Sr. No.	Compliance Point	Compliance			
I. Statut	I. Statutory Compliance:				
i.	The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building by laws.	PP obtained all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work.			
ii.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.	The above condition is noted and will be adhere to.			
iii.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non- forest purpose involved in the project.	Not Applicable because project site does not come under forest area.			
iv.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not Applicable because project site does not come within the radius of any wildlife sanctuary or nearby any wildlife sanctuary.			
V.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board / Committee.	Complied. Complied With, Consent to Establish obtained from MPCB vide letter no: Format 1.0 / BO / JD (WPC) / UAN- 101487/CE/CC- 2012001205 dated 18/12/2020			
vi.	The project proponent shall obtain the necessary permission for drawl of ground water / surface	We are not proposing any kind of draw			

	water required for the project from the competent	ground water. So not
	authority.	applicable.
vii.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	The above condition is noted and will be adhere to.
viii.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	PP Obtained all statutory clearance/ approval from respective competent authorities.
ix.	The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.	The above condition is noted and will be adhere to. Proper segregation and management of solid waste, e waste and plastic waste will be done. OWC will be provided for treatment of wet waste. Dry waste will collected, segregated and disposed by Swach Organization.
х.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	Project is designed & be preparing as per ECBC norms.
II. Air Q	uality Monitoring and Preservation	
i.	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	Complied. At the time of construction phase. PP Have made provision of tin metal shit fencing of Dust mitigation measure. Also, Material carried out by transportation vehicle was covered with Tarpaulin.

ii.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	Complied with
iii.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM25) covering upwind and downwind directions during the construction period.	Ambient Air Quality monitoring will be done regularly by MOEF and NABL approved lab.
iv.	Diesel power generating sets proposed as source of backup power 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 of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	DG Set installed as per MPCB Norms. And fuel in DG Set using Low Sulphur Diesel
۷.	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	Complied. PP have barricade project construction site with tin metal sheet. Also made provision of tarpaulin for material transporting vehicle.
vi.	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	Complied. Sand, murram, loose soil, cement, stored on site with tarpaulin for dust pollution prevention
vii.	Wet jet shall be provided for grinding and stone cutting.	NotapplicablebecausePP alreadyusedRMCforconstruction.Nocuttingandgrindingofstoneactivitydoneatproject site.

viii.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Unpaved surfaces sprinkled regularly with water to suppress dust. Excavated soil was used for landfilling purpose.
ix	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.	Complied. All debris was used for backfilling and leveling purpose.
х.	The diesel generator sets to be used during construction phase shall be low Sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	Agreed, L.S.D Fuel used for D.G. D.G set will be used at a time of power failure.
xi.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	G. G Set installed as per MPCB Norms. Acoustic enclosure will be at a time of operation phase.
xii.	For indoor air quality the ventilation provisions as per National Building Code of India.	Project is designed and preparing as per approved Layout
III. Wate	r quality monitoring and preservation	
i.	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.	The above condition is noted and will be adhere to.
ii.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	Agreed, Building is designed as per minimum cutting and filling concern.

iii.	Total fresh water use shall not exceed the proposed requirement as provided in the project details.	Quantity of water will be used as per EC. Excess treated water will be used for Gardening and Flushing.	
iv.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	We have made provision of recharge pit for rainwater harvesting purpose	
V.	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.	The above condition is noted and will be adhere to.	
vi.	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	We have made provision as per approved EC.	
vii.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc. and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	The above condition is noted and will be adhere to.	
viii.	Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc.) for water conservation shall be incorporated in the building plan.	flow faucets tap	
ix.	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.	We will lay down dual plumbing system to segregate the grey and black water before operation phase.	

х.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	We have used Ready mix concrete, curing agents to reduce demand of water demand.
xi.	The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.	recharge pits/storage tanks have been provided for ground water recharging as per the approved EC.
xii.	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.	The above condition is noted
xiii.	All recharge should be limited to shallow aquifer.	The above condition is noted and will be adhere to.
xiv.	No ground water shall be used during construction phase of the project.	We didn't used ground water during construction phase. We have made water provision by water tanker for construction Phase.
XV.	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.	Project site does not have any source of groundwater.
xvi.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	The above condition is noted and will be adhere to.
xvii.	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be	Agreed,

	recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.	We have made provision of STP with MMBR treatment and Treated STP water will be used for flushing and gardening purpose at a time of operation phase.
xviii.	No sewage or untreated effluent water would be discharged through storm water drains.	Agreed, No sewage or untreated effluent water would be discharged through storm water drains All generated effluent will be treated and reused for flushing and gardening purpose. Only excess treated water will be discharge through municipal drainage line.
xix.	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	We have made treatment provision of 100% of generating sewage with MMBR technology.
XX.	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	Agreed, periodic monitoring of water quality of treated sewage will be conducted and provision of tertiary treatment for odour problem of STP

xxi.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.					
IV. Nois	e Monitoring And Prevention					
i.						
ii.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Complied with. Noise level will be monitored by MOEFCC approved lab as per norms.				
iii.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.					
V Energ	y Conservation Measures					
i.	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.	Project is designed & be preparing as per ECBC norms.				
ii.	Outdoor and common area lighting shall be LED.	Complied With.				
iii.	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.	The above condition is noted and will be adhere to.				

iv.	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.					
v.	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.	The above condition is noted and will be adhere to.				
vi.	Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	Noted				
VI. Wast	te Management					
i.	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.	Complied With. We have already obtained NOC From Swach Organization for collection and segregation of Solid waste at a time of operation phase.				
ii.	Disposal of muck during construction phase shall 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.	Noted				
iii.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	We will comply this condition at a time of operation phase				
iv.	Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.	Agreed, we will comply it at a time of operation phase. We have made provision of OWC and it will be installed before possession of flat owners.				

V.	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	Complied, PP have made agreement with authorized recycler.			
vi.	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Noted.			
vii.	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.	Noted.			
viii.	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25 th January, 20L.6., Ready mixed concrete must be used in building construction.	Uses of fly ash not applicable to this project because thermal power station does not come with 100 km of radius from project site.			
ix.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.	Noted			
x.	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	The above condition is noted and will be adhere to.			
VII. Gre	en Cover				
i.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	Project site does not have trees. We have already taken NOC from Competent authority.			
ii.	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable.	Noted.			

	Water intensive and/or invasive species should not be used for landscaping.	
iii.	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.	Noted.
iv.	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	Complied with. Top soil have been used for plantation in landscape area.
VIII. Tra	nsport	
i.	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation	Complied with. We have done traffic Impact assessment and submit the report to Environmental committee at a time of obtaining EC.
ii.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.	Complied With the condition. We have Hired good condition vehicle having PUC.
iii.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time	Complied with. We have done traffic Impact assessment and submit the report to Environmental committee at a time of obtaining EC.

	and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.					
IX. Hum	an Health Issues					
i.	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.					
ii.	For indoor air quality the ventilation provisions as per National Building Code of India.	Complied With. We have constructed as per approved Master layout.				
iii.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Noted				
iv.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Complied with.				
۷.	Occupational health surveillance of the workers shall be done on a regular basis.	Complied with.				
vi.	A First Aid Room shall be provided in the project both during construction and operations of the project.	Noted				
X. Corp	X. Corporate Environment Responsibility					
i.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1 st May 2018, as applicable, regarding Corporate Environment Responsibility.	Noted				
ii.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should	Noted				

	prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six- monthly report.	
iii.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	Noted
iv.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.	Noted
XI. Misc	ellaneous	
i.	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.	Complied with. We have given advertisement in two local newspapers in Marathi as well as English Language
ii.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Noted
iii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Noted

		1			
iv.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Noted			
V.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Noted			
vi.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Noted			
vii.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted			
viii.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Agreed. We have abide of commitments and recommendations made in the EMP report during the presentation given to the Expert Appraisal Committee.			
ix.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted			
Х.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	esult in revocation of e and attract action			
xi.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.				
xii.	The Ministry reserves the right to stipulate additional conditions if found necessary. The	Noted			

	Company in a time bound manner shall implement these conditions.	
xiii.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Noted
xiv.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Noted
XV.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted

6.0 Point-wise Compliance of Consent to Establish and status to various stipulations from Maharashtra Pollution Control Board (MPCB)

Consent Order No: Format 1.0/BO/JD(WPC)/UAN-101487/CE/CC-2012001205 dated 28/12/2020

S	ltem				Complian	
r. N					ce of Consent	
0	-					to
						Establish
1		t to Establish is rs whichever is		a period up to	Commissioning	g of the project
2				the industry	is Rs. 41.65 Cr	S.
	-					
3				•	f new residenti Ganesh Paradis	
					veli District Pur	
					nstruction built ι	
		te issued by lo		construction	commenceme	nt from SEAC,
	oortinou		our bouy			Maharash
						tra on
						dated 06.05.202
						0.
						subject to
						restricting total built
						up area to
						113472.09
						sq.m. as approved
						by local
4	CONDI			evention & C	control of	authority. Noted for
		n) ACT, 1974				Complianc
	Sr.No	Description	Permitted	Standards	Disposal	e,
			quantity of	to be achieved		A full- fledged
			discharge			STP of
			(CMD)			capacity of
	1	Trade Effluent	NIL	NA	NA	230 KLD will been
	2	Domestic	260	As per	60 % shall be	install
		effluent		Schedule-I	recycled & reuse	onsite for
					remaining	the treatment
					shall be	

5	Conc Sr.N		•	ir (P & CP) n of Stack		oer	r air emis Standa to b achiev	ards e ved	1	of the entire waste water generate on the project site. Noted for Complianc e,
							As per Schedule-II			
6	Cond	ditic	ons about No	on-Hazardo	ous Was	tes				Noted/
	Sr.		Type of	Quantity	UOM		eatment	Disp	osal	Agreed
	No	<u> </u>	Waste				014/0			
	1	BIG	odegradable waste	555.0	Kg/day		OWC		d as nure	
	2				gregation		By sale			
		Bio	odegradable waste							
	3	S	STP Sludge	27.0	Kg/day			Use	d as	
6	Cand	itio	a undor Llaza		athorwa				nure	NA
0			n under Haza treatment and				· /		5	INA
7	The E	Boa	rd reserves t consent and	he right to r	eview, a	men	d, suspe	nd, re		Noted
8			sent should n							Agreed
	nece	ssa	ry NOC/perm	ission from	any oth	er G	overnme	nt age	encies	•
9	Project proponent shall comply the construction and demolition									Noted
		waste management Rules 2016which is notified by ministry of environment forest and climate change dated 29.03.2016								
1	The	app	licant shall	submit an	affidavit	t wit	:hin 15 c	lays i		
0	•		ed format to		•	effe	ctive ste	ps pr	ior to	with
1			the Environ install online			ו f∩r	BOD TS	SS ar	nd the	Noted
1	flow o	of th	ne outlet of S	TP						
1			provide orga		•		compostii	ng fac	ility or	Noted
2			igestor with c olicant shoul				tive ste	ns to	warde	Noted
3			ntation of pro							NOLEU
	•		Notification 2					•		
			lotification da of any const					•		
	office	project Management. However as clarified by the MoEF&CC vide office memorandum J-1103/41/2006-IA (I) dated 19.08.2010								
	fencii	ng c	of the site to p	protect it fro	m getting	g en	riched & o	constr	uction	

	of ter treate	•				
	т					
1	1 A. As per your application, you have proposed to provide the Effluent Treatment (ETP) system with the design capacity of 270 CMD					
	B. The Applicant shall operate the effluent treatment system to treat the sewage so as to achieve the following standards prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.					
	Sr. No	Parameters	Standard prescribed by Board. Limiting Concentration in mg/l, except for pH			
	1	рН	6.5 to 9			
	2	Suspended solids	20			
	3	BOD (3 Days 27°C)	10			
	4	COD	50			
	5	N total	10			
	6	Fecal coliform	<100.0	Noted,		
	C. The treated domestic effluent shall be 60 % recycled and reused for flushing, firefighting, cooling of air conditioners etc. The remaining shall be discharged into municipal sewerage system.					
	D. Project proponent shall operate STP for five years from the date of obtaining occupation certificate					
	of obtaining occupation certificateThe Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of water, works 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					

2	parts after e	all ensure replac expiry of its expe- ure the complia nereof				
3	In case, the the water of proponent given unde Cess Act 19 water cons In case water water cons submit cert request no	water consump consumption of lo shall submit the r provision of wa 977 and rules ma umption. ter consumption umption of the lo ificate to that effe	ceal body CESS re ade there is duly a ocal bod oct from t SS on th ater cons water	y, in that s eturn in the vention & e under for ssessed u y, the proj he concerr eir water o umption of	consumption	t t f f
1	•	Notod				
4	as per the	conditions of EF	•		ution control system made there unde	
	time to time	9				

	Term	s & Conditions	- Schedule for Complianc Control		& Noise	Pollution	
1	As pe stack	Noted for Complianc					
	Sr. No	Stack Attached to	APC System	Height in Meter	Type of Fuel	Quantity	e. DG having Capacity
	1	DG sets (180 kVA)	Acoustic enclosure	3.0	Diesel	40 Lts/Hr.	180 KVA is installed
		set shall be opera	-				for Constructi on activity. DG Stack monitoring report attached as Annexure 1
2	polluti <u>follow</u>	ned air ants to the	Noted				
	Parti matte		t to exceed	150 mg	g/Nm ³		
3		pplicant shall obta onal control equi tion thereof		ecessary	specific	ations and	Noted

						o an end or	
	erection	or new po	ollution contr	nedule III	ent		
			Details of E		antees		
	Conse nt	Amt. of BG Impos ed	Submiss ion Period	Purpos e of BG	Complian ce Period	Validity Date	Complied with
	Propos				I	1	
	Establi sh	Rs. 10.0 Lakh	15 days	Toward complia nce of EC and consent conditio ns	Up to commissio ning of the unit	Up to commissio ning of the unit	
			Sch	nedule IV			
				I Conditio			
1	The applicant shall provide facility for collection of samples of swage effluents, air emissions and hazardous waste to the Board staff at the terminal or designed points and shall pay to the Board for the services rendered in this behalf.						Noted for Complianc e
2	The firm shall strictly comply with the Water (P&CP) Act 1974, Air (P& CP) Act 1981 and Environmental Protection act 1986 and Municipal Solid waste (Management & Handling) rule 2000 and E-waste (Management & Handling Rule 2011)					Noted	
3	Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes / sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system					Noted	
4	Vehicles hired for brining 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					Noted	
5	Conditio						
а	Noise from DG sets shall be controlled by providing an acoustic					an acoustic	Noted
b	enclosure or by treating the room acoustically Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room shall 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 provide. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average						Noted
с	levels fro	m its owr	n sources wit	thin the pre	emises in res	ntrol of noise pect of noise during night	Noted

	time. Day time is reckoned in between 6 am and 10 pm and night time is reckoned between 10 pm and 6 am	
d	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	Noted, DG set will be placed in acoustic enclosure Also, Green belt will be developed in the premises to minimize noise level.
е	Installation of DG set must be strictly in compliance with recommendation of DG set manufacturer	Noted
f	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.	Noted
g	DG set shall be operated only in case of power failure.	Noted
h	The applicant should not cause any nuisance in the surrounding	
	area due to operation of DG set	Noted
i	area due to operation of DG set The applicant shall comply with the notification of MoEF dated	Noted
i 6	area due to operation of DG set	
	area due to operation of DG set The applicant shall comply with the notification of MoEF dated 17/05/2002 regarding noise limit for generator sets run with diesel Solid waste- The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011 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.	Noted
6	area due to operation of DG set The applicant shall comply with the notification of MoEF dated 17/05/2002 regarding noise limit for generator sets run with diesel Solid waste- The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011 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. The industry shall submit official e-mail address and any change will be duly informed to the MPCB	Noted Noted
6	area due to operation of DG set The applicant shall comply with the notification of MoEF dated 17/05/2002 regarding noise limit for generator sets run with diesel Solid waste- The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011 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. The industry shall submit official e-mail address and any change	Noted Noted Noted
6 7 8	area due to operation of DG set The applicant shall comply with the notification of MoEF dated 17/05/2002 regarding noise limit for generator sets run with diesel Solid waste- The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011 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. The industry shall submit official e-mail address and any change will be duly informed to the MPCB The treated sewage shall be disinfected using suitable disinfection	Noted Noted Noted Noted



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. : U74900PN2013PTC149666 E-mail : environsafetyeng@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 REP	ORT				
Test Report No	Test Report No GESEC/PRO/ST/2022-23/03/381			ate	05/04/2023	
Sample ID -	GESEC/PRO/ST/2022-23/03/381			The state of the		
Name & Address of the Customer	"Bliss County" at Gat No.510, Charholi BK , Tal-Haveli, Dist- Pune by M/s. Gand	esh Satish Patil				
	Sample D	etails		100		
Date of Sampling	Sample Receipt Date	Analysis Star	t Date	Analysi	s End Date	
28/03/2023	29/03/2023	29/04/20	23	05/0	04/2023	
	Instrument	Details				
Sell States in the	Stack De	tails		dise i -		
Stack No/ID	Stack Attached	i to	7 7 4 2	Sampling	g done by	
01	DG Set 62.5 K	VA		GE	GESEC	
Shape	Round	Fuel Use	ed	HSD		
Diameter/ Dimensions (m)	0.1016	Pressure (mmHg)		3.3		
Height (m)	3.5			Section 1		
Temperature (°K)	357	Velocity (m/s)	6.71		
Gas Volume (Nm ³)	163.48					
Parameters	Method	Unit		per MPCB	Result	
Particulate Matter	IS 11255 (Part 1) 2019	mg/NM ³	<	150	39.25	
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/NM ³	Min and all		21.84	
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	N	.S.	0.08	
Nitrogen Dioxide (NO _x)	IS 11255 (Part 7) 2017	mg/NM ³	N	N.S. 23.		
Remarks-	e well within MPCB Limit.	e de la complete		20		
		AUNE PUNE	19		Mr. Vinod Hande echnical Manager d & Authorized Br	
		Consult	ant Put			

Page 1 of 1

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4.

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.

6. MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024.