



Date: 17/05/2023

To  
Chief Conservator of Forest  
Ministry of Environment, Forest and Climate Change  
Regional Office (WCZ), Ground Floor  
East Wing, New Secretariat Building,  
Civil Line, Nagpur-440001

Sub: Post EC Compliance Report for Period of October 2022 to March 2023 of residential Project 'Mount N glory' at S.No.58/2/1A/1B+58/2/2/1A/2, Near Eon Software Park, Near Ganga Constella, village: Kharadi, Taluka: haveli, Pune by M/s. Sancheti Associates Pvt. Ltd.

Ref.: Environmental Clearance Letter No. SEIAA-EC-0000002096 letter dated 31<sup>st</sup> January 2020

Dear Sir/Madam,

As per the condition laid down in the Environmental Clearance Letter, we are submitting herewith post EC compliance report of our Residential Project: Mount N glory for period of October 2022 to March 2023.

Hope this is in line with your requirement.

Thanking you

Yours Sincere

  
M/s. Sancheti Associates Pvt. Ltd.

**CC: 1. SEIAA- Chairman, Environment Department, 15<sup>th</sup> Floor, New Administrative Building, Mantralaya, Mumbai-400032**

**2. MPCB -Member Secretary, Kalpataru Point, 3<sup>rd</sup> and 4<sup>th</sup> floor, Opp. Cine Planet, Sion Circle, Sion, Maharashtra 400022.**

**SIX MONTHLY COMPLIANCE REPORT  
OF  
RESIDENTIAL PROJECT: MOUNT N GLORY  
AT  
S.NO.58/2/1A/1B+58/2/2/1A/2,  
NEAR EON SOFTWARE PARK, NEAR GANGA  
CONSTELLA, VILLAGE: KHARADI, TALUKA:  
HAVELI, PUNE**

**OF  
M/S. SANCHETI ASSOCIATES PVT. LTD.**

**FOR  
OCTOBER 2022 TO MARCH 2023**

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## Section1: Purpose of the Report

As per the ‘Sub Para (i)’ of ‘Para 10’ of EIA Notification 2006 and Condition mentioned and General Conditions point no. L & LIII of Environmental Clearance (EC) letter (**SEIAA-EC-0000002096**) dated 31<sup>st</sup> January 2020 (**Annexure 1**), it is mandatory to submit six monthly compliance report to show the status & compliance of all the conditions mentioned in EC letter, along with monitoring of various environmental parameters. Therefore, based on specific and general conditions mentioned in EC letter detail compliance report is prepared.

## Section 2: Project Details

M/s. Sancheti Associates Pvt. Ltd. is constructing residential Project Mount N Glory at S.No.58/2/1A/1B+58/2/2/1A/2, Near Eon Software Park, Near Ganga Constella, village: Kharadi, Taluka: haveli, Pune, Maharashtra. The project is designed as a self-sufficient establishment wherein infrastructure facilities such as water supply, power supply and communication facilities are proposed. Further the project proponent has made provision for waste collection and disposal, rain water harvesting and sewage treatment to ensure that project is environment friendly. The project proponent also proposes arrangement for safety; maintenance and security of residents. The main features of the project are as follows.

Sr. No.	Particulars	Details
1	Total Plot Area	23,200.00 m <sup>2</sup>
2	Construction BUA (FSI + Non FSI)	30780.15 m <sup>2</sup>
3	Domestic Water Requirement	183.17 m <sup>3</sup> /day
4	Recycled Water Requirement (For Flushing & Landscaping)	Flushing: 54.45 m <sup>3</sup> /day
6	Sewage Generation	152.5 m <sup>3</sup> /day
7	No. & Capacity of STP	1 STP of 230 m <sup>3</sup> /day
8	Solid Waste Generation	Total Solid waste: 545 kg/day Non-Bio-degradable Waste: 218 kg/day Bio-degradable Waste: 327 kg/day
9	Energy Demand	During Construction Phase: (Demand Load): - 75 KW During Operation Phase: (Connected Load): - 1259 KVA During Operation Phase: (Demand Load): - 1109 KVA DG set: 1 no. of 160 KVA

### Section 3: Present Site Conditions

Sr No.	Building Name	Current Status
1	Bld A, B, C, D, E	Completed and occupied.
2	Bld F	Construction Completed.
3	Club House	Completed.

### Section 4: Post Environment Clearance Compliance Report

The proposal has been considered by SEIAA in its 185<sup>th</sup> meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

Sr. No.	EC Conditions	Compliance Status
<b><u>Specific Conditions</u></b>		
i.	The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 1.69 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 0.80 Cr which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 1.69 Cr for the project completion period	Condition is noted.
ii	PP to submit a bank guarantee of Rs.1.98 lakhs to Maharashtra Pollution Control Board towards effective implementation of the EMP comprising remediation plan and Natural and Community Resource augmentation Plan.	Condition is noted and has been complied.
iii.	PP to submit CER plan to Municipal Commissioner/District Collector and submit the acknowledgement to Member Secretary, SEIAA	CER plan is submitted to Municipal Commissioner/District Collector.
iv	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.	We will 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.

	<u>General Conditions</u>	
i.	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	Condition is noted. We will dispose our E-waste through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
ii.	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.	Condition is noted. We will comply the same
iii.	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily imply that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	No NOC is required from the Forestry & Wildlife board as there is no forest land in the vicinity.
iv.	PP has to abide by the conditions stipulated by SEAC & SEIAA.	We will abide by the conditions stipulated by SEAC & SEIAA.
v.	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	The height, Construction built up area of proposed construction is in accordance with the existing FSI/FAR norms of the urban local body. Proposed project is in the residential zone as per the approved development plan of the area.
vi.	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.	‘Consent for Establishment’ was obtained from Maharashtra Pollution Control Board. Copy of same is attached as <b>Annexure 2</b> .

vii.	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase	Sanitary facilities such as toilets for ladies and Gents was provided on site.
viii.	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 was provided for labourers on site, Waste water generated is disposed of through STP.
ix.	The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	The solid waste was segregated and recyclable material was sold to recyclers and inert material was used for site leveling.
x.	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.	All construction waste was collected and segregated properly at site. Most of it was reused for construction activity and surplus was disposed off safely at approved sites with prior approval of competent authority.
xi.	Arrangement shall be made that waste water and storm water do not get mixed.	Waste water is treated in STP & excess treated water is Connected to Municipal sewer drain. Maximum storm water will be recharged through recharge pits and excess storm water will be drain through municipal storm water line. Hence, we ensure that waste water and storm water will not get mixed.
xii.	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Yes, we had used excavated topsoil for landscape development for completed buildings
xiii.	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.	Construction debris was used for base preparation of the road and for site leveling.
xiv.	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the	We have provided green belt around the periphery as per CPCB guidelines and maintain it.

	local DFO/ Agriculture Dept.	
xv.	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.	Soil testing was done, according to reports all the parameters are within limit and so there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants. Monitoring Reports are attached as <b>Annexure 5</b> .
xvi.	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water	We have taken proper measures during construction activity to avoid contamination of water courses. No bituminous material is used in construction.
xvii.	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.	Used oil would be generated at site which will be disposed through MPCB authorized vendors.
xviii.	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.	Yes we are using low sulphur diesel type DG during construction phase
xix.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken	We are using DG set only in case of power failure and hence not much diesel is being stored at site.
xx.	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 and should be operated only during non-peak hours.	Construction vehicles was checked for PUC certificate before entry.
xxi.	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	Care was taken to maintain the noise level within limits at site. Construction activities was limited to daytime only. Noise shields was provided for heavy construction equipment. PPE was also provided to

	level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.	labours.
xxii.	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).	NA as site is away from Thermal Power Stations.
xxiii.	Ready mixed concrete must be used in building construction.	Yes, we have used Ready Mixed concrete for completed building.
xxiv	Storm water control and its re-use as per CGWB and BIS standards for various applications.	We will achieve it.
xxv	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Gunny bags was wrapped on columns and ponding was done to reduce water usage for curing. Pre mixed concrete was used.
xxvi	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	Condition is noted.
xxvii	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. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.	STP is provided at site. The treated sewage is used for flushing & gardening purpose Discharge of unused treated affluent is conform to the norms of MPCB.

xxviii	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.	We are not using ground water. In case of requirement we will obtain permission to withdraw ground water from competent authority.
xxix	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	Dual plumbing is provided in existing buildings.
xxx	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensorbased control.	We are using low flow fixtures in toilets to minimize wastage of water.
xxxi	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	Condition is noted
xxxii	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Condition is noted
xxxiii	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.	We have provide CFLs, Solar water heating system, hence we are adopting energy conservation measures.
xxxiv	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	DG Set is provided for power back up for existing building. DG set is provided with silencer and acoustic enclosures. Stack height is provided

	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.	as per MPCB norms.
xxxv	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	Yes we will maintain noise level as per standards norms.
xxxvi	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.	Parking is fully internalized and public space is utilized.
xxxvii	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Condition is noted.
xxxviii	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Required distance has been maintained as per DCR and approved by local authority.
xxxix	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.	Dedicated site engineer and supervisory staff was appointed to take care of the monitoring and overall implementation.
XL	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.	Construction was started after obtaining environmental clearance (EC). The copy of EC letter is attached as <b>Annexure-1</b> .

XLI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	RO shifted to Nagpur hence we are now submitting to Nagpur.
XLII	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 in Para 2. Prior certification from appropriate authority shall be obtained.	Condition is noted.
XLIII	Wet garbage 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. Local authority should ensure this.	OWC is provided for the treatment of wet waste.
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	Condition is noted.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	Condition is noted.
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	In case we are crossing BUA given in the EC we will take prior revised EC.
XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Environment Management cell is prepared for implementation of the environmental safeguards.
XLVIII	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These costs shall be included as part of the project cost. The funds earmarked for the	Separate funds have been allocated for implementation of environmental protection measures/EMP. Attached as <b>Annexure 3</b>

	environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the MPCB & this department.	
XLIX	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 <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a> .	Advertisement was published in Marathi and English Newspaper. The copy of same is attached as <b>Annexure 4</b>
L	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 1 <sup>st</sup> June & 1 <sup>st</sup> December of each calendar year.	Condition is noted.
LI	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.	Condition is noted.
LII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a	Condition is noted.

	convenient location near the main gate of the company in the public domain.	
LIII	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.	Condition is noted.
LIV	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.	Condition is noted.
4.	The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.	Condition is noted.
5.	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,	Condition is noted.

	1986.	
6.	The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	Condition is noted.
7.	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29 <sup>th</sup> April, 2015.	Condition is noted.
8.	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.	Condition is noted.
9.	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.	Condition is noted.
10.	Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1stFloor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Condition is noted.

## Section 5: Monitoring and Analysis

Monitoring of Air quality, Water quality, Soil quality, Noise level and DG set stack emissions at construction site. Monitoring was done and samples were collected as per standard norms. All samples were analyzed in NABL accredited laboratory. The details of sampling parameters were given in following table.

Sr. No.	Environmental Components	Monitoring Parameters
1	Air	PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> , NO <sub>2</sub> , O <sub>3</sub> , Pb, CO, NH <sub>3</sub> , C <sub>6</sub> H <sub>6</sub> , Benzo (a) Pyrene – Particulate Phase only, As, Ni
2	Water	Color, Odour, Turbidity, pH, TDS, Total Alkalinity, Total Hardness, Ca, Mg, Cl <sup>-</sup> , SO <sub>4</sub> , NO <sub>3</sub> , Fe, Mn, F, Pb, Cu, Zn, Cr <sup>6+</sup> , As, B, Residual Chlorine, Al, Cd, Se, Hg, Pesticides, Mineral Oil
3	Noise	Leq
4	Soil	pH, Electrical Conductivity, Total Nitrogen as N, Phosphate as P, Potassium as K, Exchangeable Calcium as Ca, Exchangeable Magnesium as Mg, Exchangeable Sodium as Na, Organic Matter, Texture

Monitoring results are attached as **Annexure 5** which indicates that parameters of all environmental components are within standard limit and there is no pollution caused by construction activity.



## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

सत्यमेव जयते

Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annex, Mumbai- 400 032.  
Date:January 31, 2020

To,  
**Mr. Kishor Bansilal Sancheti (Director)**  
at S.No.58/2/1A/1B+58/2/2/1A/2, Near Eon Software Park, Near Ganga Constella,

**Subject:** Environment Clearance for Proposed Residential project -'Mount N Glory' at S.No.58/2/1A/1B+58/2/2/1A/2,  
Near Eon Software Park, Near Ganga Constella, village: Kharadi, Taluka: haveli, Pune by M/s. Sancheti  
Associates Pvt. Ltd.

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-III, Maharashtra in its 98th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 185th meetings.

2. It is noted that the proposal is considered by SEAC-III under screening category 8 (a), B2 as per EIA Notification 2006.

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

1.Name of Project	'Mount N Glory'
2.Type of institution	Private
3.Name of Project Proponent	Mr. Kishor Bansilal Sancheti (Director)
4.Name of Consultant	Sneha Hi Tech Products
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	S.No.58/2/1A/1B+58/2/2/1A/2, Near Eon Software Park, Near Ganga Constella,
9.Taluka	Haveli
10.Village	Kharadi
Correspondence Name:	Mr. Kishor Bansilal Sancheti (M/s. Sancheti Associates Pvt. Ltd.)
Room Number:	401,
Floor:	4th Floor,
Building Name:	Renata Chambers,
Road/Street Name:	N.C. Phadke Chowk,
Locality:	2145, Sadashiv Peth,
City:	Pune - 411014.
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation (PMC)
12.IOD/IOA/Concession/Plan Approval Number	Sanctioned <b>IOD/IOA/Concession/Plan Approval Number:</b> Sanction plan no. CC/0102/19 dated 15.04.2019 <b>Approved Built-up Area:</b> 16828.26
13.Note on the initiated work (If applicable)	The construction done on site includes 5 no. of Buildings having total construction built-up area of 26347.02m2. The construction for 6th building is initiated.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Pune Municipal Corporation (PMC) Sanction
15.Total Plot Area (sq. m.)	23,200.00 sq.mt.
16.Deductions	13,761.53 sq.mt.

17.Net Plot area	9,438.47 sq.mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	<p>FSI area (sq. m.): 16,828.26 sq.mt.</p> <p>Non FSI area (sq. m.): 13951.89 sq.mt.</p> <p>Total BUA area (sq. m.): 30780.15</p>
18 (b).Approved Built up area as per DCR	<p>Approved FSI area (sq. m.): 16828.26</p> <p>Approved Non FSI area (sq. m.): 13951.89</p> <p>Date of Approval: 13-10-2010</p>
19.Total ground coverage (m2)	2,626.00 sq.mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	27.8 %
21.Estimated cost of the project	479000000



# Government of Maharashtra

## 22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

## 23. Total Water Requirement

Dry season:	Source of water	PMC / Recycled
	Fresh water (CMD):	108.9 m3/day
	Recycled water - Flushing (CMD):	54.45 m3/day
	Recycled water - Gardening (CMD):	15.32 m3/day
	Swimming pool make up (Cum):	4.5 m3/day
	Total Water Requirement (CMD) :	183.17 m3/day
	Fire fighting - Underground water tank(CMD):	300 cum
	Fire fighting - Overhead water tank(CMD):	20 cum
	Excess treated water	82.73 m3/day
Wet season:	Source of water	PMC / Recycled
	Fresh water (CMD):	108.9 m3/day
	Recycled water - Flushing (CMD):	54.45 m3/day
	Recycled water - Gardening (CMD):	Nil
	Swimming pool make up (Cum):	Nil
	Total Water Requirement (CMD) :	163.35 m3/day
	Fire fighting - Underground water tank(CMD):	300 cum
	Fire fighting - Overhead water tank(CMD):	20 cum
	Excess treated water	98.05 m3/day
Details of Swimming pool (If any)	..	

Government of  
Maharashtra

#### 24. Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

25. Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer Season - 16.33 m. to 19.67 m. BGL (18.00 M. Average) Rainy Season - 7.00 m. to 12.00 BGL. (9.50 M. Average) Winter Season - 11.665 m. to 15.835 m. BGL (13.75 M. Average)
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	7 nos. of Recharge pits
	Size of recharge pits :	a) 2.25 m. X 2.25 m. X 1.50 m. with 6" Dia. 55 To 60 m. deep bore well Via. 0.9 m. Dia. 1 no. of De-siltation Pit. b) 2.25 m. X 2.25 m. X 1.50 m. with 6" Dia. 55 To 60 m. deep bore well Via. 2 no. of 0.9 m. Dia. 1 no. of De-siltation Pits.
	Budgetary allocation (Capital cost) :	Rs. 8.75 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 0.5 Lakhs/yr
	Details of UGT tanks if any :	Domestic Water tank : 225 m3

26. Storm water drainage	Natural water drainage pattern:	As per Contour
	Quantity of storm water:	6,906.73 m3 / Year i.e. 138.13 m3 / Day considering 849.30 mm. average rain fall per year
	Size of SWD:	Storm water drain 300 mt.

27. Sewage and Waste water	Sewage generation in KLD:	152.5 m3/day
	STP technology:	extended aeration
	Capacity of STP (CMD):	1 no. STP of 230 m3/day
	Location & area of the STP:	Ground
	Budgetary allocation (Capital cost):	Rs. 30 Lakhs
	Budgetary allocation (O & M cost):	Rs. 12 Lakhs/yr

## 28. Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	15 kg /day
	<b>Disposal of the construction waste debris:</b>	Construction debris, Waste concrete and broken bricks were utilized in low-land leveling, secondary concrete, below roads. Some quantity of Excavation soil will be used for back filling and remaining will be hand over to authorize vendor.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	218 kg/day
	<b>Wet waste:</b>	327 kg/day
	<b>Hazardous waste:</b>	spent oil or oil grease for DG sets, paints etc.
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	15 kg/ day
	<b>Others if any:</b>	NA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Will be handed over to SwaCH agency
	<b>Wet waste:</b>	Will be converted to compost using Organic Waste Convertor
	<b>Hazardous waste:</b>	Handed over to authorized Vendor.
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Will be used as manure for gardening.
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Ground
	<b>Area for the storage of waste &amp; other material:</b>	Total area: 60 sq.mt.
	<b>Area for machinery:</b>	Total area: 60 sq.mt.
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 12.45 Lakhs
	<b>O &amp; M cost:</b>	Rs. 2 Lakhs/yr

**Government of  
Maharashtra**

## 29.Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):	Not applicable				
Capacity of the ETP:	Not applicable				
Amount of treated effluent recycled :	Not applicable				
Amount of water send to the CETP:	Not applicable				
Membership of CETP (if require):	Not applicable				
Note on ETP technology to be used	Not applicable				
Disposal of the ETP sludge	Not applicable				



# Government of Maharashtra

### 30.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable						

### 31.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 32.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total	
1	Not applicable	Not applicable	Not applicable	Not applicable	
Source of Fuel		Not applicable			
Mode of Transportation of fuel to site		Not applicable			

### 33.Energy

Power requirement:	Source of power supply :	Maharashtra State Electricity Distribution Company Ltd. (MSEDCL)
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	1 nos. X 85 KVA
	During Operation phase (Connected load):	1259 KW
	During Operation phase (Demand load):	1109 KW
	Transformer:	2 no. X 630 KVA
	DG set as Power back-up during operation phase:	1 no. x 160 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

### 34.Energy saving by non-conventional method:

- ? Use of Energy efficient CFL lamps
- ? Solar PV Panel power for common area lighting.
- ? Electronic V3F Drives for Elevators
- ? Auto Timer control for external & Common lighting

### 36.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	energy conservation method for proposed residential building	16.84%
2	energy conservation method for existing residential building	2.74 %
3	--	--

### 37.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
--------	-----------------------------------	--------------------------

Not applicable	Not applicable		Not applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 20.56 Lakhs	

### 38. Environmental Management plan Budgetary Allocation

#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	To control air pollution	Water For Dust Suppression	1.0
2	To maintain hygienic condition	Site Sanitation & Safety	2.0
3	Air, water, noise and soil analysis	Environmental Monitoring	1.5
4	To check fitness of workers	Health Check Up	2.0
5	To prepare team for environmental management	Environment Management cell	1.0
6	NA	Total	7.5

#### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP Cost	To treat sewage	30	12
2	Rain Water Harvesting	To harvest rain water	8.75	0.5
3	Environmental Monitoring	Air, water, noise & soil analysis	-- (MOEF approved agency for monitoring)	3 (Monitoring charges for air, water, waste water, soil, DG stack, noise etc.)
4	Energy efficient equipments	For use of solar lighting and solar heater	20.56	1.22
5	Green belt development	For plantation	4.72	1.5
6	Solid Waste Management	To treat bio-degradable solid waste	12.45	2.0
7	Environment Management Cell	To manage environmental issues	--	1.2
8	NA	Total	76.48	21.42

### 39. Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 40. Any Other Information

No Information Available

	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	8 (a), B2
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

**3. The proposal has been considered by SEIAA in its 185th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:**

**Specific Conditions:**

<b>I</b>	The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 1.69 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 0.80 Cr which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 1.69 Cr for the project completion period.
<b>II</b>	PP to submit a bank guarantee of Rs.1.98 lakhs to Maharashtra Pollution Control Board towards effective implementation of the EMP comprising remediation plan and Natural and Community Resource augmentation Plan.
<b>III</b>	PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector.
<b>IV</b>	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.

**General Conditions:**

<b>I</b>	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
<b>II</b>	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.
<b>III</b>	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.
<b>IV</b>	PP has to abide by the conditions stipulated by SEAC& SEIAA.
<b>V</b>	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
<b>VI</b>	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.
<b>VII</b>	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
<b>VIII</b>	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.
<b>IX</b>	The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
<b>X</b>	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.
<b>XI</b>	Arrangement shall be made that waste water and storm water do not get mixed.
<b>XII</b>	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.

XIII	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.
XIV	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Deptt.
XV	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.
XVI	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
XVII	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.
XVIII	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.
XIX	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concerned authority shall be taken.
XX	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 and should be operated only during non-peak hours.
XXI	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.
XXII	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
XXIII	Ready mixed concrete must be used in building construction.
XXIV	Storm water control and its re-use as per CGWB and BIS standards for various applications.
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
XXVII	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. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.
XXVIII	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.
XXIX	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
XXX	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.
XXXI	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
XXXII	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
XXXIII	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.
XXXIV	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.
XXXV	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
XXXVI	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.
XXXVII	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
XXXVIII	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.

<b>XXXIX</b>	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.
<b>XL</b>	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.
<b>XLI</b>	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
<b>XLII</b>	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 in Para 2. Prior certification from appropriate authority shall be obtained.
<b>XLIII</b>	Wet garbage 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. Local authority should ensure this.
<b>XLIV</b>	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
<b>XLV</b>	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
<b>XLVI</b>	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
<b>XLVII</b>	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
<b>XLVIII</b>	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 and year-wise expenditure should be reported to the MPCB & this department.
<b>XLIX</b>	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 <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a> .
<b>L</b>	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.
<b>LI</b>	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.
<b>LII</b>	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (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.
<b>LIII</b>	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.
<b>LIV</b>	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.
<b>LV</b>	This EC is issued subject to the condition that the implementation of EMP, remediation plan and Natural and Community Resource Plan will be completed during the period for which the Bank Guarantee is given, otherwise the BG should be suitably extended up to implementation of EMP.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
5. 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.
6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.
8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
9. 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.
10. 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.



Shri. Anil Diggikar (Member Secretary SEIAA)

**Copy to:**

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. MUNICIPAL COMMISSIONER PUNE
10. MUNICIPAL COMMISSIONER SATARA
11. REGIONAL OFFICE MPCB PUNE
12. REGIONAL OFFICE MIDC PUNE
13. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
14. COLLECTOR OFFICE PUNE
15. COLLECTOR OFFICE SATARA
16. COLLECTOR OFFICE SOLAPUR

Government of  
Maharashtra



# Maharashtra Pollution Control Board

## 5f901955ecc0968bddd587f

### MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 24010437/24020781  
/24037124/24035273  
Fax : 24044532/24024068  
/24023516  
Email : jdwater@mpcb.gov.in  
Visit At : <http://mpcb.gov.in>



Kalpataru Point, 3rd & 4th floor,  
Sion- Matunga Scheme Road No. 8,  
Opp. Cine Planet Cinema,  
Near Sion Circle, Sion (E),  
Mumbai - 400022

Infrastructure /Red/LSI

Date- 21/10/2020

Consent No: Format1.0/BO/JD(WPC)/UAN No. 92100/CE/CC/2010000736

To,

M/s Mount N Glory,  
S.No.58/2/1A/ 1B+58 /2 /2 /1A/2,  
Kharadi, Pune

Subject: Consent to Establish in Red Category for construction project.

Ref : 1. Your application vide UAN No.92100 Dated: 04.05.2020.

For: Consent to Establish for construction project.

under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous and Other Wastes (M & TM) Rules, 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III& IV annexed to this order:

1. The consent is granted for a period up to: Commissioning of the project or five years whichever is earlier.
2. The proposed capital investment of the project is Rs. 47.90 Crs. (As per CA Certificate submitted by project proponent).

Consent to Establish is valid for construction project named as M/s Mount N Glory, S.No.58/2/1A/ 1B+58 /2 /2 /1A/2, Kharadi, Pune having total plot area of 23200.0 Sqm and total construction BUA of 30780.15 sq. mtr as per EC dtd 31.01.2020 including utilities and services as per construction commencement Certificate issued by local body.

#### 3. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1	Trade effluent	NIL	NA	NA
2	Domestic effluent	152.5	As per Schedule -I	60%should be reused &recycled and remaining should be used on land for gardening

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

Sr. No.	Description of stack/ source	Capacity	Number Of Stack	Standards to be achieved
1	DG Set	160 KVA	01	As per Schedule-II

#### 5. Conditions under Solid Waste Management Rules, 2016:

Sr. no.	Type Of Waste	Quantity &UoM	Treatment	Disposal
1	Wet garbage	327 Kg/Day	OWC	Used as Manure
2	Dry garbage	218 Kg/Day	-	Segregate and Hand over to Local Body for recycling
3	STP Sludge	15 Kg/Day	-	Used as Manure



# Maharashtra Pollution Control Board

## 5f901955ecc0968bdd587f

6. Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste:

Sr. No.	Type of Waste	Category	Quantity	UOM	Disposal
1	Used Oil/Spent Oil	5.1	50	Lit/A	By sale to Auth. Reprocesser

7. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same should be binding on the industry.

8. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.

9. Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.

10. Project Proponent shall install online monitoring systems for pH, TSS and flow at the outlet of STP.

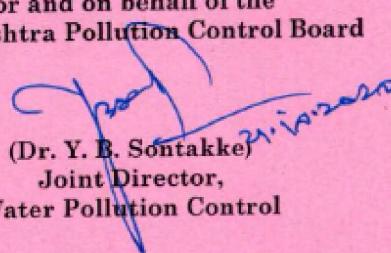
11. Project Proponent shall provide Organic waste digester with composting facility or Biogas digester with composting facility.

12. Project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding the compliance of conditions of EC/CRZ clearance and C to E.

13. Project Proponent shall submit Board Resolution within 15 days as PP has started the construction without consent to establish from the Board thus violated the Environmental Enactments. PP shall submit bank Guarantee of Rs 2.0 Lakhs towards submission of Board Resolution within 15 days.

14. The Project Proponent shall comply with the condition of Environmental clearance obtained vide No SEIAA-EC-0000002096 dtd 31.01.2020 for construction project having total plot area of 23200.0 Sqm and total construction BUA of 30780.15 Sqm.

For and on behalf of the  
Maharashtra Pollution Control Board

  
(Dr. Y. B. Sontakke)  
Joint Director,  
Water Pollution Control

Received Consent fee of -

Sr. No.	Amount (Rs.)	Transaction No.	Date
1	75000	NEFT MPCB-DR-0295	10.06.2020

Copy to:

1. Regional Officer, MPCB, Pune-He is directed to obtain BG of Rs 1.98 Cr as per specific Condition of EC dtd 31.01.2020 and ensure the compliance of consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updating purposes.



# Maharashtra Pollution Control Board

## 5f901955ecc0968bdd587f

### Schedule-I

#### Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have proposed to install Sewage Treatment Plant (STP) with design capacity of 230 CMD based on MBBR Technology.
- B] The Applicant shall operate the effluent treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr No.	Parameters	Standards prescribed by Board Limiting Concentration
1	pH	6.5 to 9.0
2	BOD (3 days 27oC )	5 mg/l
3	Suspended Solids	20mg/l
4	COD	50mg/l
5	Total Nitrogen	10 mg/l
6	Ammonical Nitrogen	5 mg/l
7	Fecal Coliform	100 MPN/100ml

- C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, etc and remaining shall be used on land for gardening.
- D) Project proponent shall operate STP for five years from the date of obtaining occupation certificate.

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 should 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) The industry should 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.
- 3) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1	Domestic purpose	163.3

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



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

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

Sr. No.	Stack Attached To	APC System	Height in Mtrs.*	Type Of Fuel	Quantity	UOM	S%	SO <sub>2</sub> Kg/day
1	DG Set 160 KVA	Acoustic enclosure	3.5	HSD	40	Ltr/Hr	1%	9.6

\* Above roof of the building in which it is installed.

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

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup>
--------------------	---------------	------------------------

3. The Applicant should obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment.

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).

*Yours*  
*P.D.*



**Maharashtra Pollution Control Board**  
**5f901955ecc0968bddd587f**

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

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish	Rs. 10 Lakhs	15 Days	Towards Compliance of Environmental Clearance & Consent conditions.	Upto Commissioning of the project	COU or Five years
2	Consent to Establish	Rs. 2.0 Lakhs	15 Days	Towards Submission of Board Resolution in prescribed format	Continuous	COU or Five years

The above Bank Guarantees shall be submitted in favour of Regional Officer, Pune.



# Maharashtra Pollution Control Board

## 5f901955ecc0968bdd587f

### Schedule-IV

#### General Conditions:

**The following general conditions shall apply as per the type of the industry.**

- 1) The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Solid Waste Management Rules, 2016 and E-Waste (Management) Rules, 2016.
- 3) Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4) Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5) Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
  - d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - 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.
  - g) D.G. Set shall be operated only in case of power failure.
  - h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - i) The applicant shall comply with the notification of MoEF dated 17.05.2002 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 Rules, 2016 & E-Waste (M) Rules, 2016.
- 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) The treated sewage shall be disinfected using suitable disinfection method.
- 9) 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.
- 10) **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.**

**Annexure – II****EMP Cost****During Construction Phase**

<b>Sr. No.</b>	<b>Parameter</b>	<b>Total cost in Lakhs</b>
1	Water and dust Suppression	1
2	Site Sanitation, Disinfection & Safety	2
3	Environmental Monitoring	1.5
4	Health Check up	2
5	Environment Management Cell	1
<b>Total Cost</b>		<b>7.5</b>

**During Operational Phase**

<b>Sr. No.</b>	<b>Pollution control measures</b>	<b>Capital Cost (Rs. Lakhs)</b>	<b>Recurring Cost Per annum (Rs. Lakhs)</b>
1	Rain Water Harvesting system	8.75	0.5
2	Sewage Treatment Plant	30	12
3	Organic waste composter	12.45	2
4	Tree Plantation	4.75	1.5
5	Environment Management Cell	0	1.2
6	Environment Monitoring	0	3
7	Energy efficient equipments	20.57	1.22
	<b>Total</b>	<b>76.48</b>	<b>21.42</b>







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(ISO 9001, 14001, 45001 & NABL / 17025 Certified Organisation)

Report No: GCI/V/Lab/EM-SP/22-23/Feb-00/0082

Date: 14/02/2023

## ANALYSIS REPORT

Client details		Sample Details	
Name	M/s. Sancheti Associates Pvt. Ltd.	Sample Code	GCI/V/23/B01/AA1
Address	S.No.58/2/1A/1B+58/2/2/1A/2, Near Eon Software Park, Near Ganga Constella, village: Kharadi	Location	NEAR SECURITY GATE
Sampling Done By	Mr. Mukesh	Date of Sampling	06/02/2023
Analysis Starts On	07/02/2023	Sampling Instrument	RDS, FPS
Analysis Completion On	13/02/2023	Sampling Method	IS 5182 : Part 5 : 1975

## AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	96.4	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	49.8	60	NAAQS Guidelines
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	18.6	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	29.9	80	IS 5182 : Part 6 : 2006
5	Carbon Monoxide CO	mg/m <sup>3</sup>	0.36	2.0	IS 5182 : Part 10 : 1999
6	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	10.8	100	NAAQS Guidelines
7	Lead as Pb	µg/m <sup>3</sup>	BDL (<0.1)	1.0	NAAQS Guidelines
8	Nickel as Ni	ng/m <sup>3</sup>	BDL (<1)	20	NAAQS Guidelines
9	Arsenic as As	ng/m <sup>3</sup>	BDL (<1)	6.0	NAAQS Guidelines
10	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	BDL (<5)	400	NAAQS Guidelines
11	Benzene , C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	BDL (<0.01)	5.0	IS 5182 (Part 11):2006
12	Benzo (a) Pyrene	ng/m <sup>3</sup>	BDL (<0.1)	1.0	Gas Chromatography



Authorized Signatory

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**R & D Tel.: +91 - 265 - 2371269 Cell: +91 93285 83835 Email: info@greencircleinc.com Website: www.greencircleinc.com**

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Date: 14/02/2023

## ANALYSIS REPORT

Client details		Sample Details	
Name	M/s. Sancheti Associates Pvt. Ltd.	Sample Code	GCI/V/23/B01/AA2
Address	S.No.58/2/1A/1B+58/2/2/1A/2, Near Eon Software Park, Near Ganga Constella, village: Kharadi	Location	SOUTHWEST CORNER OF SITE
Sampling Done By	Mr. Mukesh	Date of Sampling	06/02/2023
Analysis Starts On	07/02/2023	Date of Sample Received	07/02/2023
Analysis Completion On	13/02/2023	Sampling Instrument	RDS, FPS
		Sampling Method	IS 5182 : Part 5 : 1975

## AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	92.9	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	55.8	60	NAAQS Guidelines
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	15.7	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	25.8	80	IS 5182 : Part 6 : 2006
5	Carbon Monoxide CO	mg/m <sup>3</sup>	0.45	2.0	IS 5182 : Part 10 : 1999
6	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	15.9	100	NAAQS Guidelines
7	Lead as Pb	µg/m <sup>3</sup>	BDL (<0.1)	1.0	NAAQS Guidelines
8	Nickel as Ni	ng/m <sup>3</sup>	BDL (<1)	20	NAAQS Guidelines
9	Arsenic as As	ng/m <sup>3</sup>	BDL (<1)	6.0	NAAQS Guidelines
10	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	BDL (<5)	400	NAAQS Guidelines
11	Benzene , C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	BDL(<0.01)	5.0	IS 5182 (Part 11):2006
12	Benzo (a) Pyrene	ng/m <sup>3</sup>	BDL (<0.1)	1.0	Gas Chromatography



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Date: 14/02/2023

## ANALYSIS REPORT

Client details		Sample Details	
Name	M/s. Sancheti Associates Pvt. Ltd.	Sample Code	GCI/V/23/B01/AA3
Address	S.No.58/2/1A/1B+58/2/2/1A/2, Near Eon Software Park, Near Ganga Constella, village: Kharadi	Location	NORTHEAST CORNER OF SITE
Sampling Done By	Mr. Mukesh	Date of Sampling	06/02/2023
Analysis Starts On	07/02/2023	Date of Sample Received	07/02/2023
Analysis Completion On	13/02/2023	Sampling Instrument	RDS, FPS
		Sampling Method	IS 5182 : Part 5 : 1975

## AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1.	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	95.3	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	55.8	60	NAAQS Guidelines
3.	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	14.8	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	34.8	80	IS 5182 : Part 6 : 2006
5.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.58	2.0	IS 5182 : Part 10 : 1999
6.	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	16.1	100	NAAQS Guidelines
7.	Lead as Pb	µg/m <sup>3</sup>	BDL (<0.1)	1.0	NAAQS Guidelines
8.	Nickel as Ni	ng/m <sup>3</sup>	BDL (<1)	20	NAAQS Guidelines
9.	Arsenic as As	ng/m <sup>3</sup>	BDL (<1)	6.0	NAAQS Guidelines
10.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	BDL (<5)	400	NAAQS Guidelines
11.	Benzene , C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	BDL(<0.01)	5.0	IS 5182 (Part 11):2006
12.	Benzo (a) Pyrene	ng/m <sup>3</sup>	BDL (<0.1)	1.0	Gas Chromatography



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Date: 14/02/2023

## ANALYSIS REPORT

Client Details		Sample Details	
Name	M/s. Sancheti Associates Pvt. Ltd.	Sample Code	GCI/V/23/B01/N1-3
Address	S.No.58/2/1A/1B+58/2/2/1A/2, Near Eon Software Park, Near Ganga Constella, village: Kharadi	Location	As per table
		Quantity	NA
		Date of Measurement	06/02/2023
		Sampling Instrument	Sound Level Meter (HTC/SL-1352)
Measurement Done By	Mr. Mukesh	Sampling Method	HTC/SL-1352 Inst. Manual

## NOISE MONITORING RESULTS

Sr. No.	Location Name	Units	Day Time		Night Time	
			Results	MPCB Permissible Limit	Results	MPCB Permissible Limit
1.	Near Security Gate	dB (A)	52.6	55	42.9	45
2.	Southwest Corner of the Site	dB (A)	53.9	55	41.9	45
3.	Northeast Corner of the Site	dB (A)	49.5	55	39.5	45

**Limits:** Maharashtra pollution Control Board has prescribed 55dB (A) as an upper limit of noise level during day time and 45 dB (A) during night time for residential area.



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Report No: GCI/V/Lab/EM-SP/22-23/Feb-00/0082

Date: 14/02/2023

## ANALYSIS REPORT

Client Details		Sample Details	
<b>Name</b>	M/s. Sancheti Associates Pvt. Ltd.	<b>Sample Code</b>	GCI/V/23/B01/S1
<b>Address</b>	S.No.58/2/1A/1B+58/2/2/1A/2, Near Eon Software Park, Near Ganga Constella, village: Kharadi	<b>Location</b>	SOIL – GREEN BELT AREA
		<b>Quantity</b>	2.0 kg
<b>Sampling Done By</b>	Mr. Mukesh	<b>Date of Sampling</b>	06/02/2023
<b>Analysis Starts on</b>	07/02/2023		
<b>Analysis Completion On</b>	13/02/2023	<b>Sample Received Date</b>	07/02/2023

## SOIL ANALYSIS RESULTS

Sr. No.	Parameter	Unit	Results	Test Procedure
1	pH (1:5 Soil Suspension)	-	7.2	IS 2720 (Part 26):1987
2	Electrical Conductivity (1:5 Soil Suspension)	mS/cm	0.75	EPA Method 9045
3	Total Nitrogen as N	mg/kg	66.0	Kjeldhal Method
4	Phosphate as P	mg/kg	76.8	Olsen Method
5	Potassium as K	mg/kg	24.2	EPA 3050 B
6	Exchangeable Calcium as Ca	meq/100g	29.5	EPA 3050 B
7	Exchangeable Magnesium as Mg	meq/100g	30.9	EPA3050 B
8	Exchangeable Sodium as Na	meq/100g	0.85	EPA3050 B
9	Organic Matter	%	1.75	Walkley and Black Method
10	Texture	-	Clay Loam	Robinson Pipette Method

BDL =Below Detectable Limit

DL =Detectable Limit



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Report No: GCI/V/Lab/EM-SP/22-23/Feb-00/0082

Date: 14/02/2023

## ANALYSIS REPORT

Client Details		Sample Details	
<b>Name</b>	M/s. Sancheti Associates Pvt. Ltd.	<b>Sample Code</b>	GCI/V/23/B01/DW1
<b>Address</b>	S.No.58/2/1A/1B+58/2/2/1A/2, Near Eon Software Park, Near Ganga Constella, village: Kharadi	<b>Location</b>	Water supply at Project Site
<b>Sampling Done By</b>	Mr. Mukesh	<b>Date of Sampling</b>	06/02/2023
<b>Analysis Starts on</b>	07/02/2023	<b>Sampling Method</b>	APHA 1060
<b>Analysis Completion On</b>	13/02/2023	<b>Sample Received Date</b>	07/02/2023

## DRINKING WATER ANALYSIS RESULTS

Sr. No.	Parameter	Unit	Results	Permissible Limit as per IS 10500-2012	Reference Method
1	Colour	Hazen	Nil	5	APHA 22nd EDITION
2	Odour	-	No Odour	Unobjectionable	APHA 22nd EDITION
3	Taste	-	Agreeable	Agreeable	APHA 22nd EDITION
4	Turbidity	NTU	BDL(<0.5)	1	IS : 3025 Part 10-1984 (Reaff: 2002)
5	pH at 25 °C	-	6.9	6.5-8.5	IS : 3025 Part 11- 1983 (Reaff:2002)
6	Total Dissolved Solids	mg/l	255	500	IS : 3025 Part 16-1984 (Reaff:2003)
7	Total Alkalinity as CaCO3	mg/l	129	200	IS : 3025 Part 23- 986(Reaff:2003)
8	Total Hardness as CaCO3	mg/l	94	200	IS : 3025 Part 21-2009
9	Calcium as Ca	mg/l	68	75	IS : 3025 Part 40-1991 (Reaff:2003)
10	Magnesium as Mg	mg/l	24	30	APHA 22nd EDITION-3500 Mg-B
11	Chloride as Cl-	mg/l	123	250	IS : 3025 Part 32-1988 (Reaff:2003)
12	Sulphate as SO4	mg/l	11.8	200	APHA 22nd EDN-4500- SO42- E
13	Nitrate as NO3	mg/l	12.5	45	APHA 22nd EDN -4500- NO3- B
14	Iron as Fe	mg/l	0.19	0.30	IS : 3025 Part 53-2003
15	Manganese as Mn	mg/l	BDL (<0.02)	0.10	APHA 22nd EDN -3500-Mn D
16	Fluoride as F	mg/l	0.64	1.00	APHA 22nd EDN -4500-F B&D
17	Lead as Pb	mg/l	BDL (<0.03)	0.05	IS:3025 Part 47 (Reaff:2003)
18	Copper as Cu	mg/l	BDL (<0.03)	0.05	IS:3025 Part 42 (Reaff:2003)
19	Zinc as Zn	mg/l	0.82	5.00	IS:3025 Part:49 (Reaff:2003)
20	Hexavalent Chromium as Cr <sup>6+</sup>	mg/l	BDL (<0.03)	0.05	IS:3025 Part:37 (Reaff:2003)
21	Residual Free Chlorine as Cl2	mg/l	BDL (<0.10)	0.20	APHA 22nd EDN -4500-Cl B
22	Cadmium as Cd	mg/l	BDL (<0.03)	0.003	IS:3025 Part 48(Reaff:2003)
23	Aluminum	mg/l	BDL (<0.03)	0.03	IS:3025 Part:55 (Reaff:2003)

BDL =Below Detectable Limit



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- Sample will be retained till one month from the date of sampling.

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