

(EC Certificate No. -SEIAA-EC-0000001938)

SIX MONTHLY COMPLIANCE REPORT

(JAN 2023 – JUN 2023)

Of

Residential & Commercial Project “Little Earth”

at Kiwale.

Address-

Survey No. 19/(1 To 7+9)/1, Plot No – 01, At - Kiwale, Masulkar City, Pune

Submitted to

**Maharashtra Pollution Control Board (Mumbai), Environment
Department, Mantralaya and Ministry of Environment and Forests
and Climate Change (Regional Office)**

Submitted by

M/s. Sampada Realities Private Limited.

City Bay, 7th Floor, Dhole Patil Road, Pune 411001, Maharashtra, INDIA.

PART I

Project Details

Sr. No.	Particulars	Details
1	Project type: River- valley/mining /Industry/Thermal/Nuclear/other(specify)	Construction Project
2	Name of the Project	Proposed Residential & commercial Project
3	Clearance letter(s)/OM and Date	Letter No. SEIAA-EC-0000001938 Date- 09 Aug. 2019
4	Location	Kiwale
	a) District(s)	Pune
	b) State(s)	Maharashtra
5	Address of correspondence	M/s. Sampada Realities Pvt. Ltd. 2nd Floor, City Point, Dhole Patil Road, Pune 411001.
	a) address of concerned Project Chief Executive (with pin code & telephone/telex/fax numbers)	M/s. Sampada Realities Pvt. Ltd. 2nd Floor, City Point, Dhole Patil Road, Pune 411001.
	b) Address of Executive Project Engineer /Manager (with pin code/fax numbers)	Same as above
6	Breakup of the project area	
	a) submergence area : forest & non-forest	NA
	b) Others	Total Plot Area – 101000.67 Sq.m. Built-up - 305677.02 Sq.m
7	Breakup of the project affected population with enumeration of those losing houses/dwelling unit only agricultural land only, both dwelling units & agricultural land & landless laborers/	No
	a) SC, ST / Adivasi's	N.A.
8	Financial details:	
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference	Rs. 480000000/-
	c) Benefit cost ratio/Internal rated of Return and the year of assessment	N.A.
	d) Whether (c) includes the cost of environmental management as shown in the above	N.A.

	e) Actual expenditure incurred on the environmental management plans so far	
9	Forest land requirement	No Forest Land Required.
	a) The status of approval for diversion of forest land for non-forestry use	N.A.
	b) The status of clearing felling	N.A.
	c) The status of compensatory	N.A.
	d) afforestation, if any	N.A.
	e) Comments on the viability & sustainability of compensatory afforestation programed in the light of actual field experience so far	N.A.
10	The status of clear felling in non-forest area (such as submergence area of reservoir, approach roads), if any with quantitative information	N.A.
11	Status of construction	
	a) Date commencement (Actual and/or planned)	We have started the construction
12	Reasons for the delay if the project is yet to start	NA
13	Dates of site visits	
	a) The dates on which the project was monitored by the Regional office on previous occasions, if any	
	b) Date of site visit for this monitoring report	Not yet finalized.
14	Details of correspondence with project authorities for obtaining action plans / information on status of compliance to safeguards other than the routine letters for logistic support for site visits) (The first monitoring report may contain the details of all the letters issued so far, but the later reports may cover only the letters issued subsequently)	Environmental Clearance letter no. SEIAA-EC-0000001938 dt. 09 Aug. 2019

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(EC Certificate No. SEIAA-EC-0000001938 / dt.09 Aug. 2019)

Specific Conditions:

Sr. No.	Conditions	Compliance
1	PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra	Noted.
2	PP to details of commercial area in consolidated statement.	Noted.
3	PP to submit architect certificate of work initiated on site as per earlier EC.	Noted.
4	PP to submit comparative statement of components approved and components constructed as per earlier EC and proposed development.	Noted.
5	PP to submit 6 monthly compliance report of earlier EC validated by Regional Office, MOEF&CC, Nagpur, as per MoEF & CC Circular dated 07.09.2017	Noted.
6	PP to include separate chapter on Renewable energy in EIA report. PP to submit terrace plan for installing solar panels& calculations of energy saving; PP to submit energy modelling with write-up support to this.	Noted.
7	PP to include carbon footprint estimations for operation & construction phase in EIA report	Noted.
8	PP to carry out Traffic Impact Study in detail including- a. Traffic Management Plan for the development – Internal circulation with road width should be revised with showing clear road width of 6 meters and turning radius of 9 meters; PP to submit cross section of roads at four places showing clear road width 6 meter , 1.5 meter distance left from building line, spaces left for plantation, footpath, service lines etc. b. Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken &	Noted.

	<p>revise table to be submitted.</p> <p>c. Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with dimensions.</p> <p>d. Traffic generation values of similar development to be given by actual count by actual count as support data for assumption made to the particular project.</p> <p>e. PP to revise parking table mentioning parking as per DCR & parking provided actually.</p> <p>f. PP to submit drawing& sketches showing junction larger scale with geometry & showing traffic counts in detail and volume diagram.</p>	
9	PP to submit site-specific executable and auditable EMP along with implementation plan and environmental management cell provision for construction and operation phase in EIA.	Noted. We will comply
10	PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters ; PP to submit cross section of roads at four places including UGT , OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc	Noted. We will comply
11	PP to submit parking layout plan for all the floors showing slope and width of the ramps.	Noted We will submit
12	PP to submit cross section of all buildings.	Noted.
13	PP to submit parking area statement as per DCR.	Noted.
14	PP to submit cross section of basement showing width and slope of ramp	Noted.
15	PP to submit details of basement parking.	Noted
16	PP proposes 2 Nos. of basements in each building; PP to submit its design with ventilation details; PP to submit contingency plan of basement as well as details of dewatering in basements.	Noted.
17	PP to prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA	Noted.
18	PP to carry out fugitive dust monitoring by using local meteorological data.	Noted.

19	PP to submit waste management plan details with its transport, collection, storage and disposal for all types of wastes like hazardous waste, non-hazardous waste, solid waste, E- waste, and debris/excess earth etc.;PP to submit OWC details.	Noted.
20	PP to submit detail debris management plan; PP should not remove the debris haphazardly & dump it on road side	Noted.
21	PP to submit disaster management plan	Noted.
22	PP to submit socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socio-economic in EIA.PP to correct socio-economic infrastructure details Consolidate Statement as per earlier EC	Noted.
23	PP to provide required amenities within layout as per the planning standards if the existing amenities within the vicinity of plot are inadequate to cater the need of the locality	Noted.
24	PP to submit phase wise development plan considering wind rose diagram	Noted.
25	PP to obtain and submit following NOC's: a) CFO NOC, b) Water supply NOC with quantity, c) Drainage NOC, d) Non-biodegradable waste disposal	Noted.
26	PP to submit design details of water treatment plant; PP to submit details of reject of WTP; PP to submit commitment to achieve ISO 10500.	Noted.
27	PP to submit internal storm water drain and sewer line arrangements up to final disposal point	
28	PP to submit details of design of all STP's along with BOD load, oxygen requirement calculations and sizing of the tanks with respect to the design criteria. PP to submit detailed calculation for the disinfection of the treated STP water; PP to submit cross sectional drawing of STP's showing dimensions and ground level; PP to provide ozonation for tertiary treatment. PP to mark the area required for all STP's on master layout with dimensions	Noted.
29	PP to submit details hydro geological survey report with graphs & data.	Noted.

30	PP to identify sources of air pollution, PP to include mitigation measures to reduce Air pollution/Noise pollution.	Noted.
31	PP to provide mandatory RG area on virgin land and submit the drawing with calculations.	Noted.
32	PP to submit layout showing natural water courses on site; PP to submit total runoff calculation before and after development.	Noted.
33	PP to carry out gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site, waste generated and its treatment and disposal from site.	Noted.
34	PP to explore possibility to install air modelling station on site during construction as well as operation phase for ambient air quality monitoring	Noted.
35	PP to submit undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.	Noted.
36	PP to plant trees which help to increase biodiversity in the premises like fruit bearing trees etc., and insure that no trees/ shrubs that cause allergies to the residents, are planted	Noted.
37	PP to include condition of "maintenance of all Pollution Control Equipment's and functioning of Environment Monitoring Cell in their MoU with society.	Noted.
38	PP to submit CER plan to Municipal Commissioner/District Collector and submit the acknowledgement to Member Secretary, SEIAA.	Noted.
39	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.	Noted.
40	SEIAA decided to grant EC for:FSI:147647.12 m2, Non-FSI: 158029.90 m2 and Total BUA: 305677.02 m2 (IOD no-BP/Environment/Kiwale/01/2018, Date-07.07.2018)	Noted.

General Conditions:

1	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	Noted, It is construction project since E-waste is negligible, We have handover E-waste to Autonomous Enterprises for further process.
2	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.
3	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.	NA, the proposed project site is not located in forest zone.
4	PP has to abide by the conditions stipulated by SEAC& SEIAA	We are abide by the conditions stipulated by SEAC & SEIAA
5	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	Height, built up area of construction is accordance with the existing FSI /FAR norms.
6	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.	We have obtained "Consent for Establishment" from Maharashtra Pollution Control Board vide letter No. Format1.0/CAC-CELL/UAN No. 0000078932/CE-2008001008 dated 26.08.2020 Copy attached as per Annexure 02
7	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	During construction phase we have provided mobile toilets with all sanitary facilities such as drinking water, clinic and crèche etc.
8	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	Regular supply of drinking water will be made available at site. Mobile toilets ware provided for construction workers.
9	The solid waste generated should be properly	Solid waste is being collected separately as

	collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	dry and wet waste.
10	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.	During construction phase excavated material and construction waste was stored within project premises and used for land filling and levelling purpose within site.
11	Arrangement shall be made that waste water and storm water do not get mixed.	Noted. We will provide Separate lines for waste water & storm water transfer.
12	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Noted. Excavated topsoil during construction phase are used for landscaping and green belt development.
13	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	We have used additional soil for leveling purpose within site.
14	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	Green Belt Development is development by considering CPCB guidelines including selection of plan species with consultation with the Local Landscape consultant.
15	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.	Monitoring reports attached as per Annexure 04
16	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 are not using any bituminous material/ hazardous material of any type at the site.
17	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	There is no any hazardous waste was generated during construction phase.
18	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.	we have provide Acoustic enclosure DG set.
19	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	DG sets are used only during power failure. There is no storage of Diesel at site as on when required we refilled it.
20	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.	we have hire good condition and maintained vehicles for bringing construction material to the site.

21	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.	Monitoring reports attached as per Annexure 04
22	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. there is no any Thermal power plant near project sute.
23	Ready mixed concrete must be used in building construction	Ready mix concrete is being used.
24	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Noted.
25	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred	Noted. We are using pre mixed concrete to reduce water demand
26	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority	NA. There is no use of ground water envisaged in the project area.
27	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 affluent, 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.	There are 3 Nos of STPs are in operation having capacity of 50 KLD, 90 KLD, 150 KLD resp. and construction of 1020 KLD capacity of STP is work in progress. Treated water used for Gardening & flushing. Inlet & Outlet testing reports attached as per Annexure 04
28	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.	Noted.
29	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	Noted. we have use dual plumbing line for separation of grey and black water.
30	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. We will use low flow taps for toilet flushing, showers etc.

31	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	Use of glass limited upto 40% in completed Buildings.
32	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement	At present no construction work is going on but we used appropriate thermal insulation material for proposed buildings by using appropriate thermal insulation material to fulfill Energy Conservation Building Code requirement
33	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 used LED lights at common areas, As Street Lights etc. Solar heating system used for fulfilment of hot water requirement.
34	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	We have used low Sulphur diesel type DG set. There are 2 Nos of DG sets in operational having capacity of 160 KVA and 50 KVA. Stack height is be kept as per CPCB norms.
35	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	We are not carried noise generating work during night time. Monitoring report attached as per Annexure 04
36	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Entry & Exist gats are separated. Internal parking provided so there is no any use public space.
37	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	We have provided appropriate thermal insulation for buildings.

	is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement	
38	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation	Noted, We will provide adequate distance as per National Building code for ventilation, Natural light.
39	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.	Construction work was supervised by project engineer and qualified supervisors.
40	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	We have obtained EC certificate no. SEIAA-EC-0000001938 on dated 09 Aug. 2019 Copy Attached as per Annexure 01
41	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB	We are submitting six monthly compliance report regularly at MPCB office & MOEF & CC Previous submitted Ack. Attached as per Annexure 08
42	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.	There are 3 Nos of STPs are in operation having capacity of 50 KLD, 90 KLD, 150 KLD resp. and construction of 1020 KLD capacity of STP is work in progress. Treated water used for Gardening & flushing.
43	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.	Noted. We have provided OWC Plant having capacity of 600 KC for processing of wet waste. Treated waste (Manure) use for gardening, plantation within site.
44	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	We have obtained Consent to operate No. Format1.0/CC/UAN No.0000131805/CO/2302001620 on dated 23.02.2023 from MPCB Details attached as per Annexure 03
45	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	Noted.
46	In the case of any change(s) in the scope of the project, the project would require a fresh	Noted.

	appraisal by this Department.	
47	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Environmental Management Cell is supervised by Project Engineer and qualified supervisors.
48	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 reported to the MPCB & this department.	Noted.
49	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in	Noted.
50	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.	We are submitting six monthly compliance report regularly at MPCB office & MOEF & CC Previous submitted Ack. Attached as per Annexure 08
51	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.	Noted.
52	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Noted.
53	The project proponent shall also submit six	Noted.

	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.	We are submitting six monthly compliance report regularly at MPCB office & MOEF & CC Previous submitted Ack. Attached as per Annexure 08
54	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	Noted. We are submitting Environmental statement (Form V) on dated 23.05.2023 Attached as per Annexure 09
55	The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act	Noted.
56	In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986	Noted & Agreed
57	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.	Noted.
58	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.	Noted.
59	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	Noted. There is no any deviation or alteration

	incorporate additional environmental protection measures required, if any.	
60	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	Noted.
61	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.	Noted.



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: August 9, 2019

To,
Mr. Nitin Kulkarni
at S.No. 19/(1 To 7+9)/1, Plot No - 01 At - Kiwale, Masulkar City, Pune

Subject: Environment Clearance for Environmental Clearance For Construction Project , S.No. 19/(1 To 7+9)/1 , Plot No - 01 At - Kiwale, Masulkar City, Pune

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 89th 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 173rd meetings.


2. It is noted that the proposal is considered by SEAC-III under screening category B1 as per EIA Notification 2006.

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

1.Name of Project	" Little Earth Masulkar City "
2.Type of institution	Private
3.Name of Project Proponent	Mr. Nitin Kulkarni
4.Name of Consultant	Goldfinch Engineering System Private Limited Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area, MIDC (Wagle Estate), Thane (W) - 400 604., Maharashtra, India. PH: 91-22-2580 1529/21/46 Accreditation No : NABET/EIA/1518/RA0066
5.Type of project	Residential + Commercial
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S.No. 19/(1 To 7+9)/1, Plot No - 01 At - Kiwale, Masulkar City, Pune
9.Taluka	Haveli
10.Village	Kiwale
Correspondence Name:	Mr. Nitin Kulkarni
Room Number:	--
Floor:	--
Building Name:	"Little Earth Masulkar City"
Road/Street Name:	--
Locality:	Kiwale
City:	PCMC
11.Whether in Corporation / Municipal / other area	Pimpri Chinchwad Municipal Corporation

SEIAA Meeting No: 173 Meeting Date: August 1, 2019 (SEIAA-STATEMENT-000001425)
SEIAA-MINUTES-000002402
SEIAA-EC-000001938

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Shri. Anil Diggikar (Member Secretary SEIAA)

12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: IOD/IOA/Concession/Plan Approval Number : INWD/EC/KVL/0001/18
	Approved Built-up Area: 305677.02
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	101000.67
16.Deductions	18561.22
17.Net Plot area	82439.45
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 147647.12
	Non FSI area (sq. m.): 158029.90
	Total BUA area (sq. m.): 305677.02
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 147647.12 sq.mt.
	Approved Non FSI area (sq. m.): 158029.90 sq.mt.
	Date of Approval: 07-07-2018
19.Total ground coverage (m2)	13059.61
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	16
21.Estimated cost of the project	480000000



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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	PCMC
	Fresh water (CMD):	1035.15
	Recycled water - Flushing (CMD):	526.13
	Recycled water - Gardening (CMD):	12.00
	Swimming pool make up (Cum):	6.00
	Total Water Requirement (CMD) :	1573.28
	Fire fighting - Underground water tank(CMD):	2500
	Fire fighting - Overhead water tank(CMD):	420.00
	Excess treated water	867.02
Wet season:	Source of water	PCMC
	Fresh water (CMD):	1035.15
	Recycled water - Flushing (CMD):	526.13
	Recycled water - Gardening (CMD):	---
	Swimming pool make up (Cum):	6.00
	Total Water Requirement (CMD) :	1561.28
	Fire fighting - Underground water tank(CMD):	2500
	Fire fighting - Overhead water tank(CMD):	420.00
	Excess treated water	879.02

<p>Details of Swimming pool (If any)</p>	<p>Dimension of Swimming Pool : Main Pool : 19 m x 9m x1.2m Kids pool : 9.0mx 5.5mx 0.6m Balancing tank: 5.5m x 4m x 1.2m Total Water Requirement in KLD : 270 KLD Water requirement for make up in KLD : 6 KLD Details of Plant & Machinery used for treatment of Swimming pool water : A) Pool Disinfection system : Rapid and filtration system with Ozonation and partial chlorination. B) Pool Type : overflow channel. C) Filtration Flow Rate : 33m³/hr x 2 filter = 66m³/hr. D) Filtration Velocity :40m³/hr/m². Filtration Turn Over : 4.09 hrs. Capital Cost : 60 .00 lakhs O & M cost : 7.00 lakhs/year</p>
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24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	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

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	Post Monsoon : 4.75 Mt., Pre Monsoon : 10 Mt.
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	19 Nos.
	Size of recharge pits :	Pit : 2 x 2 x 2 meter, Bore well : 0.180 meter diameter and 60 meter depth, silting chamber : 1 x 1 x 1
	Budgetary allocation (Capital cost) :	10.76 Lac
	Budgetary allocation (O & M cost) :	0.95 Lac/ year
	Details of UGT tanks if any :	Domestic Capacity (Lit) - 1497780 Lit. Flushing UG Tank Capacity (Lit) : 789187.5 Lit., Fire Fighting Capacity (Lit) : 2500000 Lit

26.Storm water drainage	Natural water drainage pattern:	Inspection Chamber with pipe
	Quantity of storm water:	Quantity of storm water (Annual average): 49490 m ³
	Size of SWD:	Dia 1000 mm

27.Sewage and Waste water	Sewage generation in KLD:	1405
	STP technology:	MBBR
	Capacity of STP (CMD):	Sector 1 -150 + Sector 2 -550 + Sector 3 -680 + Sector 4 -140 = 1520
	Location & area of the STP:	Decentralised
	Budgetary allocation (Capital cost):	341.32 Lacs
	Budgetary allocation (O & M cost):	62.83 Lacs/yr

28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Excavation - 525900 Cum ,Top soil - 25250.17 cum Filling in Plinth - 72800 Cum, Concrete - 69600 Cum , Cement Bag - 920000 Bag , Steel - 10250 MT , AAC Blocks - 42000 Cum , Flooring & Dado Tile - 292750 Sqm , Tile Boxes - 196900 Nos.
	Disposal of the construction waste debris:	Concrete - 1400 Cum - Using for Road & Driveways Filling, Cement Bag - 920000 Bag - Using for recycling, Steel - 305 MT - Can take to salvage company, AAC Blocks -840 Cum - Using for Waterproofing work, Flooring & Dado Tile - 5855 - Using for Road & Drive way filling, Tile Boxes - Using for recycling
Waste generation in the operation Phase:	Dry waste:	2430.75 kg/day
	Wet waste:	3513.00 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	169.74 kg/day
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Dry waste will be sent for recycling to agency SWATCH
	Wet waste:	Wet waste will be converting to composting for by OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	STP sludge sent to SWM site for converting in to compost
	Others if any:	NA
Area requirement:	Location(s):	Decentralised
	Area for the storage of waste & other material:	30 x 10 fts
	Area for machinery:	25 x 6 x 8 fts
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	7.56 Lacs
	O & M cost:	5.40 Lacs/yr

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29.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	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			



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30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	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	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			
33.Source of Fuel		Authorized vendor					
34.Mode of Transportation of fuel to site		By road					
35.Energy							
Power requirement:	Source of power supply :	MSEDCL					
	During Construction Phase: (Demand Load)	76.25 KW					
	DG set as Power back-up during construction phase	82.5KVA					
	During Operation phase (Connected load):	11288.65 KVA					
	During Operation phase (Demand load):	5587.81 KVA					
	Transformer:	630 KVA X 9 Nos.					
	DG set as Power back-up during operation phase:	250 KVA x 1 Nos. + 365 KVA x 1 Nos.					
	Fuel used:	DIESEL					
	Details of high tension line passing through the plot if any:	NO					
Energy saving by non-conventional method:							

- 1 Timers and contactors will be used to switch on / off common are & external landscape and facade lighting.
- 2 LED fittings will be used for corridors ,Lobbies and common areas.
- 3 Energy efficient LED lamps which give approx. 30% more light output for the same watts consumed and therefore require less nos. Of fixtures and corresponding lower point wiring costs.
- 4 All cables will be derated to avoid heating during use. This also indirectly reduces losses and improves reliability. To achieve the same we have considered current carrying capacity of all the cables laid through ground/air whichever is minimum.
- 5 125 Liters Solar water is provided for each flat .
- 6 Solar PV panel system is proposed for Street lighting & Building common load.

36.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	SOLAR WATER HEATING SYSTEM +SOLAR PV PANELS+ LIGHT FITTING TYPE AND TIMER SAVINGS (FOR COMMON AREA) UNITS PER YEAR.	21%

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:	75.00 Lacs
	O & M cost:	3.75 Lacs/yr

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water	Dust Suppression	0.7
2	Site Sanitation, Health Check Up & Safety	Health & Safety	1.0
3	Environmental Monitoring	Air, Water, Noise Soil	0.4

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air, water, Noise, Soil	Post Project Environment Monitoring	0.00	0.125
2	Water	Rainwater Harvesting	10.76	0.95
3	Wastewater	Sewage Treatment Plant	341.32	62.83
4	Municipal Solid waste	Solid waste Management	7.56	5.40
5	Plantation	Landscaping	125.00	12.00
6	Energy	Energy Savings	75.00	3.75

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							



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	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	B1
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

3. The proposal has been considered by SEIAA in its 173rd 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:

I	PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
II	PP to details of commercial area in consolidated statement.
III	PP to submit architect certificate of work initiated on site as per earlier EC.
IV	PP to submit comparative statement of components approved and components constructed as per earlier EC and proposed development.
V	PP to submit 6 monthly compliance report of earlier EC validated by Regional Office, MOEF&CC, Nagpur, as per MoEF & CC Circular dated 07.09.2017.
VI	PP to include separate chapter on Renewable energy in EIA report. PP to submit terrace plan for installing solar panels& calculations of energy saving; PP to submit energy modelling with write-up support to this.
VII	PP to include carbon footprint estimations for operation & construction phase in EIA report.
VIII	PP to carry out Traffic Impact Study in detail including, a. Traffic Management Plan for the development - Internal circulation with road width should be revised with showing clear road width of 6 meters and turning radius of 9 meters; PP to submit cross section of roads at four places showing clear road width 6 meter , 1.5 meter distance left from building line, spaces left for plantation, footpath, service lines etc b. Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken & revise table to be submitted. c. Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with dimensions.. d. Traffic generation values of similar development to be given by actual count by actual count as support data for assumption made to the particular project. e. PP to revise parking table mentioning parking as per DCR & parking provided actually. f. PP to submit drawing& sketches showing junction larger scale with geometry & showing traffic counts in detail and volume diagram.
IX	PP to submit site specific executable and auditable EMP along with implementation plan and environmental management cell provision for construction and operation phase in EIA.
X	PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters ; PP to submit cross section of roads at four places including UGT , OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.
XI	PP to submit parking layout plan for all the floors showing slope and width of the ramps.
XII	PP to submit cross section of all buildings.
XIII	PP to submit parking area statement as per DCR.
XIV	PP to submit cross section of basement showing width and slope of ramp.

XV	PP to submit details of basement parking.
XVI	PP proposes 2 Nos. of basements in each building; PP to submit its design with ventilation details; PP to submit contingency plan of basement as well as details of dewatering in basements.
XVII	PP to prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA.
XVIII	PP to carry out fugitive dust monitoring by using local meteorological data.
XIX	PP to submit waste management plan details with its transport, collection, storage and disposal for all types of wastes like hazardous waste, non-hazardous waste, solid waste, E- waste, and debris/excess earth etc.;PP to submit OWC details.
XX	PP to submit detail debris management plan; PP should not remove the debris haphazardly & dump it on road side.
XXI	PP to submit disaster management plan.
XXII	PP to submit socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socio-economic in EIA.PP to correct socio-economic infrastructure details Consolidate Statement as per earlier EC.
XXIII	PP to provide required amenities within layout as per the planning standards if the existing amenities within the vicinity of plot are inadequate to cater the need of the locality.
XXIV	PP to submit phase wise development plan considering wind rose diagram.
XXV	PP to obtain and submit following NOC's: a) CFO NOC, b) Water supply NOC with quantity, c) Drainage NOC, d) Non-biodegradable waste disposal.
XXVI	PP to submit design details of water treatment plant; PP to submit details of reject of WTP; PP to submit commitment to achieve ISO 10500.
XXVII	PP to submit internal storm water drain and sewer line arrangements up to final disposal point.
XXVIII	PP to submit details of design of all STP's along with BOD load, oxygen requirement calculations and sizing of the tanks with respect to the design criteria. PP to submit detailed calculation for the disinfection of the treated STP water; PP to submit cross sectional drawing of STP's showing dimensions and ground level; PP to provide ozonation for tertiary treatment. PP to mark the area required for all STP's on master layout with dimensions
XXIX	PP to submit details hydro geological survey report with graphs & data.
XXX	PP to identify sources of air pollution, PP to include mitigation measures to reduce Air pollution/Noise pollution.
XXXI	PP to provide mandatory RG area on virgin land and submit the drawing with calculations.
XXXII	PP to submit layout showing natural water courses on site; PP to submit total runoff calculation before and after development.
XXXIII	PP to carry out gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site, waste generated and its treatment and disposal from site.
XXXIV	PP to explore possibility to install air modelling station on site during construction as well as operation phase for ambient air quality monitoring.
XXXV	PP to submit undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.
XXXVI	PP to plant trees which help to increase biodiversity in the premises like fruit bearing trees etc., and insure that no trees/ shrubs that cause allergies to the residents, are planted.
XXXVII	PP to include condition of "maintenance of all Pollution Control Equipment's and functioning of Environment Monitoring Cell in their MoU with society.
XXXVIII	PP to submit CER plan to Municipal Commissioner/District Collector and submit the acknowledgement to Member Secretary, SEIAA.
XXXIX	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.
XL	SEIAA decided to grant EC for:FSI:147647.12 m2, Non-FSI: 158029.90 m2 and Total BUA: 305677.02 m2 (IOD no-BP/Environment/Kiwale/01/2018, Date-07.07.2018)

General Conditions:

I	E-waste shall be disposed 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.

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 implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
IV	PP has to 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.
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.
VII	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
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.
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.
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.
XI	Arrangement shall be made that waste water and storm water do not get mixed.
XII	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 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.
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 Environments (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 concern 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.
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.
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.
XLI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
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.
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.
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.

XLVIII	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 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 http://ec.maharashtra.gov.in .
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 1st June & 1st December of each calendar year.
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.
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 ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
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.
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.

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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. SECRETARY MOEF & CC
2. IA- DIVISION MOEF & CC
3. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
4. REGIONAL OFFICE MOEF & CC NAGPUR
5. MUNICIPAL COMMISSIONER PUNE
6. MUNICIPAL COMMISSIONER SATARA
7. REGIONAL OFFICE MPCB PUNE
8. REGIONAL OFFICE MIDC PUNE
9. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
10. COLLECTOR OFFICE PUNE
11. COLLECTOR OFFICE SATARA
12. COLLECTOR OFFICE SOLAPUR



MAHARASHTRA POLLUTION CONTROL BOARD

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



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

No:- Format1.0/CAC-CELL/UAN No.0000078932/CE - 2008P01008 Date: 26/08/2020

To,
Sampada Realities Pvt. Ltd., Sr. No. 19/(1
To 7+9)/1, Plot No. 01, At. Musulkar City,
Kiwale, PCMC, Tal. Haveli, Dist.Pune.

Sub: Grant of Consent to Establish (Expansion) under L.S.I Red Category

- Ref:** 1. Environment Clearance accorded by Env. Dept GoM vide No. SEIAA-
EC-0000001938 dtd. 09/08/2019.
2. Minutes of Consent Appraisal Committee meeting held on 13/06/2020 &
15/06/2020.

Your application NO. MPCB-CONSENT-0000078932

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

- The Consent to Establish is granted for a period upto commissioning of project**
- The capital investment of the project is Rs.48 (Existing Rs. 320 Crs + Proposed Rs. 48 Crs = Total Rs. 368 Crs) Crs. (As per C.A Certificate submitted by industry).**
- The Consent to Establish (Expansion) is valid for proposed Residential cum Commercial Building project named as Sampada Realities Pvt. Ltd.,Sr.No. 19/(1 To 7+9)/1, Plot No - 01,At. Musulkar City, Kiwale, PCMC,Tal. Haveli, Dist.Pune. on Total Plot Area of 1,01,000.67 SqMtrs for construction BUA of 3,05,677.02 SqMtrs as per EC granted dated 09/08/2019 including utilities and services**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	EC- dtd. 01/01/2015	101000.00	219848.32
2	EC- dtd. 09/08/2019	101000.00	305677.02

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

Sr No	Description	Permitted (In CMD)	Standards to	Disposal
1.	Trade effluent	Nil	Nil	Nil
2.	Domestic effluent	1405	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body



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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1	DG Set 250 KVA	01	As per Schedule -II
S-2	DG set 365 KVA	01	As per Schedule -II

6. Conditions under Solid Waste Rules, 2016:

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable waste	3513 Kg/Day	Organic waste converter followed by Composting facility.	Used as Manure.
2	Non-Biodegradable waste	2430 Kg/Day	Segregation	By Sale to Auth. Vendor
3	STP Sludge	170 Kg/Day	SDB	Used as a Manure.

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

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used /spent oil	40	Ltr/A	Storage	By sale to Authorised reprocessor..

- 8 This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- 9 This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
- 10 PP shall provide STP so as to achieve the treated domestic effluent standard for the parameter BOD-10 mg/lit.
- 11 The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening.
- 12 PP shall install online monitoring system for BOD, TSS and flow at the outlet of STP with connectivity to MPCB Server.
- 13 PP shall submit BG of Rs. 25 Lakhs towards compliance of EC and Consent to Establish conditions.
- 14 PP shall install organic waste digester along with composting facility/biodigester (biogas) with composting facility for the treatment of wet garbage.

For and on behalf of the
Maharashtra Pollution Control Board.

(E. Ravendiran IAS),
Member Secretary



Maharashtra Pollution Control Board

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Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	75000.00	5458494	01/01/2020	NEFT

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pimpri-Chinchwad
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai





SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A) As per your application, you have proposed to provide MBBR Technology based Sewage Treatment Plants (STPs) of combined capacity **1520 CMD for treatment of domestic effluent of 1405 CMD.**
- B) The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr. No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
1.	BOD (3 days 27o C)	10
2.	Suspended Solids	20
3.	COD	50
4.	Residual Chlorine	1ppm

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

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	1561.28
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

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



SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

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

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM
S-1	DG Set 250 KVA	Acoustic enclosure	6	HSD	65 Ltr/Hr
S-2	DG Set 365 KVA	Acoustic enclosure	6	HSD	65 Ltr/Hr

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

Total Particular matter	Not to exceed	150 mg/Nm ³
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- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**

- a) The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
- b) The toilet shall be provided with exhaust system connected to chimney through ducting.
- c) The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
- d) The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.



SCHEDULE-III
Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O /C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish (Expansion)	25 Lakh	15 days	Towards Compliance of Environment Clearance & Consent conditions.	COU	Up to Commissioning of the Unit or 5 years whichever is earlier.

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.
Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

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

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SCHEDULE-IV

Conditions during construction phase

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

General Conditions:

- 1 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011).
- 3 Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5 Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.



Maharashtra Pollution Control Board

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- 6 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
- 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.
- 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11 The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.



MAHARASHTRA POLLUTION CONTROL BOARD

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



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

Infrastructure/RED/M.S.I

No:- Format1.0/CC/UAN No.0000131805/CO/2302001620

Date: 23/02/2023

To,
M/s. Sampada Realities Pvt. Ltd.,
Survey No. 19/(1 To 7+9)/1, Plot No - 01,
Kiwale, PCMC, Tal Haveli, Dist Pune



Your Service is Our Duty

Sub: Consent to Operate (part-III) for residential Township construction project under Red Category

- Ref:**
1. Consent to Establish for expansion granted vide No. Format1.0/CAC-Cell/UAN No.000078932/CE-2008001008 dtd. 26.08.2020
 2. Consent to Operate (1st part) granted vide No. Forma1.0/BO/RO HQ/CI-1705001144 dtd 31.05.2017
 3. Consent to Operate (2nd part) granted vide No. Format1.0/BO/JD(WPC)/UAN-54702/CE/CC-1903001602 dtd. 27.03.2019
 4. Minutes of 19th Consent Committee Meeting of 2022-23 held on 31.10.2022

Your application NO. MPCB-CONSENT-0000131805

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:

1. **The Consent to Operate(part-III) is granted for period upto 31.10.2023**
2. **The capital investment of the project is Rs.21 Cr(Total CI Rs 368 Cr) Cr. (As per C.A Certificate submitted by industry).**
3. **The Consent to Operate is valid for Residential Township construction project named as M/s. Sampada Realities Pvt. Ltd., Survey No. 19/(1 To 7+9)/1, Plot No - 01, Kiwale, PCMC, Tal Haveli, Dist Pune on Total Plot Area of 101000.67 SqMtrs for completed construction BUA of 9,903.65 SqMtrs out of Total Construction BUA of 305677.02 SqMtrs as per EC granted dated 09.08.2019 including utilities and services**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Consent to Establish dtd 03.12.2014	101000.00	219848.82
2	Environmental Clearance dtd 01.01.2015	101000.00	219848.82
3	Consent to Operate(1st part) dtd 31.05.2017	101000.00	11168.36
4	Consent to Operate(2nd part) dtd 27.03.2019	101000.00	16619.39

5	Environmental Clearance dtd 09.08.2019	101000.00	305677.02
6	Consent to establish dtd 26.08.2020	101000.00	305677.02

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	49.82	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1	DG Set-160 kVa	01	As per Schedule -II

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

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Bio Degredable Waste	2 Kg/Day	OWC and Composting/Biogas Digester with composting	As Manure
2	Non Bio Degredable Waste	172 Kg/Day	Segregation	To Local Body
3	STP Sludge	100 Kg/Day	Dewatering	As Manure

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

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	50	Ltr/A	Reprocessing	To Authoried Reprocessor

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- Project Proponent shall install online monitoring system for the parameter pH, SS, BOD and flow at the outlet of STP.
- Project Proponent shall operate Organic waste digester with composting facility or biodigester with composting facility effectively.
- The project proponent shall make provision of charging of electric vehicles in atleast 40 % of total available parking area.
- The Project Proponent shall comply with the Environmental Clearance obtained vide No SEIAA EC-0000001938 dtd 09.08.2019 for construction project on total plot area of 10,1000.67 SqM & proposed total construction BUA 305677.02 SqM.

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



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Signed by: **Dr. Y.B.Sontakke**
Joint Director (WPC)
For and on behalf of
Maharashtra Pollution Control Board
jdwater@mpcb.gov.in
2023-02-23 16:22:08 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	50000.00	MPCB-DR-11893	13/05/2022	NEFT

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pimpri Chinchwad
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have provided Sewage Treatment Plant of designed capacity 250 CMD with MBBR technology for the treatment of 49.82 CMD of sewage.
- B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

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

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

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	55.35
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

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

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

- 1) **As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) and to observe the following fuel pattern-**

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	DG Set-160 kVA	Acoustic Enclosure	3.00	HSD 40 Ltr/Hr	1	SO ₂	19.2 Kg/Day

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

Total Particular matter	Not to exceed	150 mg/Nm ³
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- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - The toilet shall be provided with exhaust system connected to chimney through ducting.
 - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to O (Part-III)	Rs 10 Lakhs	15 Days	Compliance of consent conditions & operation and maintenance of Pollution Control Systems	Continious	28.02.2024

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.
Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

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

BG Return details

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

SCHEDULE-IV

General Conditions:

- 1 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011).
- 3 Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5 Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 6 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
- 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.

- 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11 The applicant shall make an application for renewal of the consent at least 60 days before date of the expiry of the consent.

This certificate is digitally & electronically signed.





Mahabal Enviro Engineers Pvt. Ltd.

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



TEST REPORT

Report No.:	ME-NG06546-230413- SA-SAMPADA-PUNE	Date: 13.04.2023
ULR No.:	TC748723000005969F	

Name and Address of Customer	SAMPADA REALITIES PVT. LTD. S. No. 19/1 to 7+9/1, Masulkar Farms, Kiwale, Pune		WO No.: Verbal WO Date: -
Sample Description / Type	Ambient Air	Sample Collected by	Laboratory
Sampling Location	Near Main Gate	Sample Quantity / Packing	PM ₁₀ : Filter Paper 1 X 1 No. PM _{2.5} : Filter Paper 1 X 1 No. SO ₂ : 30 mL X 2 No. PVC Bottle NO ₂ : 30 mL X 2 No. PVC Bottle CO: 2L X 1No. Gas Bladder
Date of Sampling	06.04.2023	Date of Receipt of Sample	08.04.2023
Sampling Procedure	As per method reference		
Date of Start of Analysis	10.04.2023	Date of Completion of Analysis	13.04.2023

Sr. No.	Parameter	Unit	Result	#NAAQS	Method Reference
	Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Ambient Air)				
1	Sulphur Dioxide (SO ₂)	µg/m ³	7.9	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.1-6
2	Nitrogen Dioxide (NO ₂)	µg/m ³	10.1	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.7-10
3	Particulate Matter (size less than 10µm) or PM ₁₀	µg/m ³	52	100	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.11-14
4	Particulate Matter (size less than 2.5µm) or PM _{2.5}	µg/m ³	20	60	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.15-30
5	Carbon Monoxide (CO)	mg/m ³	1.08	04	CPCB Guidelines for the Measurement of Ambient Air Pollutants Volume-II, 2012-13, Page No. 16-22, (NDIR method)

END OF REPORT





Mahabal Enviro Engineers Pvt. Ltd.

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



TEST REPORT

Report No.:	ME-NG06546-230413- SA-SAMPADA-PUNE	Date: 13.04.2023
ULR No.:	TC748723000005969F	

- Note:**
1. BQL: Below Quantification Limit.
 2. LOQ: Limit of Quantification.
 3. Duration of Sampling: 8h
 4. TWA: Time Weighted Average
 5. NAAQS: National Ambient Air Quality Standard
 6. #- NAAQS specified as: 24 h. TWA in case of SO₂, NO₂, PM₁₀, PM_{2.5}, 1 h. TWA in case of CO.
 7. The result listed refers only to the tested sample(s) and applicable parameter(s).
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Harish Mendhi
Technical Manager
Chemical Testing





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TEST REPORT


Report No.:	ME-NG06551-230415- SA-SAPADA-PUNE	Date: 15.04.2023
ULR No.:	TC748723000005974F	


Name and Address of Customer	SAMPADA REALITIES PVT. LTD. S. No. 19/1 to 7+9/1, Masulkar Farms, Kiwale, Pune		WO No.: Verbal WO Date: -
Sample Description / Type	Domestic Effluent	Sample Collected by	Laboratory
Sampling Location	STP Outlet 50KLD	Sample Quantity / Packing	2 L X 1 No. PVC Can 100 mL X 1 No. PVC Can 1 L X 1 No. Glass Bottle 250 mL X 1 No. Sterilized Glass Bottle
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023
Sampling Procedure	IS:3025(Part I):1987 RA 2019; IS 1622:1981 RA 2019, APHA 23 rd Ed. 2017, 1060-B, 1-40; 9060 A, 9-36		
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	15.04.2023

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing; Product Group: Pollution & Environment (Waste Water)			
1.	pH	-	7.4	APHA 23 rd Ed. 2017, 4500-H ⁺ -B, 4-95
2.	Total Suspended Solids	mg/L	17	APHA 23 rd Ed. 2017, 2540-D, 2-70
3.	Biochemical Oxygen Demand (3days 27°C)	mg/L	4.2	IS 3025 (Part 44): 1993, Reaffirmed 2019
4.	Chemical Oxygen Demand	mg/L	14	APHA 23 rd Ed. 2017, 5220-B, 5-18
5.	Oil and Grease	mg/L	BQL (LOQ:1)	IS 3025 (Part 39): 1991, RA 2021, Amds.1
6.	Total Dissolved Solids	mg/L	148	IS 3025 (Part 16):1984 RA 2017
7.	Ammonical Nitrogen (as NH ₃ -N)		BQL (LOQ:0.1)	APHA 23 rd Ed. 2017, 4500 NH ₃ , F 4-119
8.	Phosphate Total (as P)	mg/L	0.332	APHA 23 rd Ed. 2017, 4500-P B, 4-160, E, 4-164
	Discipline: Biological Testing; Product Group: Pollution & Environment (Effluent & Waste water)			
9.	Faecal Coliforms	MPN/100mL	17	APHA 23 rd Ed. 2017, 9221-B & E, 9-69 & 9-77

END OF REPORT

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


Harish Mendhi
Technical Manager
Chemical Testing


Shital Lakhorkar
Group In-charge
Biological Testing





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



TEST REPORT

Report No.:	ME-NG06551-230415- SA-SAPADA-PUNE	Date: 15.04.2023
ULR No.:	TC748723000005974F	

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TEST REPORT

Report No.:	ME-NG08551N-230415- SA-SAPADA-PUNE	Date:	15.04.2023
ULR No.:	-		

Name and Address of Customer	SAMPADA REALITIES PVT. LTD. S. No. 19/1 to 7+9/1, Masulkar Farms, Kiwale, Pune		WO No.:	Verbal
Sample Description / Type	Domestic Effluent	Sample Collected by	WO Date:	-
Sampling Location	STP Outlet 50KLD	Sample Quantity / Packing	2 L X 1 No. PVC Can	
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023	
Sampling Procedure	IS:3025(Part I):1987 RA 2019; APHA 23 rd Ed. 2017, 1060-B, 1-40;			
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	15.04.2023	

Sr. No.	Parameter	Unit	Result	Method Reference
	<u>Discipline: Chemical Testing;</u> <u>Product Group: Pollution & Environment (Waste Water)</u>			
1.	Total Kjeldahl Nitrogen (as N)	mg/L	0.34	APHA 23 rd Ed. 2017, 4500 NH ₃ -B & C, 4-114, 4-116 or F 4-119 & 4500 N _{Org} , B-4-139

END OF REPORT

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TEST REPORT

Report No.:	ME-NG06552-230415- SA-SAPADA-PUNE	Date: 15.04.2023
ULR No.:	TC748723000005975F	

Name and Address of Customer	SAMPADA REALITIES PVT. LTD. S. No. 19/1 to 7+9/1, Masulkar Farms, Kiwale, Pune		WO No.: Verbal WO Date: -
Sample Description / Type	Domestic Effluent	Sample Collected by	Laboratory
Sampling Location	STP Outlet 150KLD	Sample Quantity / Packing	2 L X 1 No. PVC Can 100 mL X 1 No. PVC Can 1 L X 1 No. Glass Bottle 250 mL X 1 No. Sterilized Glass Bottle
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023
Sampling Procedure	IS:3025(Part I):1987 RA 2019; IS 1622:1981 RA 2019, APHA 23 rd Ed. 2017, 1060-B, 1-40; 9060 A, 9-36		
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	15.04.2023

Sr. No.	Parameter	Unit	Result	Method Reference
Discipline: Chemical Testing; Product Group: Pollution & Environment (Waste Water)				
1.	pH	-	7.2	APHA 23 rd Ed. 2017, 4500-H ⁺ -B, 4-95
2.	Total Suspended Solids	mg/L	BQL (LOQ:5)	APHA 23 rd Ed. 2017, 2540-D, 2-70
3.	Biochemical Oxygen Demand (3days 27°C)	mg/L	4.6	IS 3025 (Part 44): 1993, Reaffirmed 2019
4.	Chemical Oxygen Demand	mg/L	16	APHA 23 rd Ed. 2017, 5220-B, 5-18
5.	Oil and Grease	mg/L	BQL (LOQ:1)	IS 3025 (Part 39): 1991, RA 2021, Amds.1
6.	Total Dissolved Solids	mg/L	76	IS 3025 (Part 16):1984 RA 2017
7.	Ammonical Nitrogen (as NH ₃ -N)		BQL (LOQ:0.1)	APHA 23 rd Ed. 2017, 4500 NH ₃ , F 4-119
8.	Phosphate Total (as P)	mg/L	0.227	APHA 23 rd Ed. 2017, 4500-P B, 4-160, E, 4-164
Discipline: Biological Testing; Product Group: Pollution & Environment (Effluent & Waste water)				
9.	Faecal Coliforms	MPN/100mL	2.0	APHA 23 rd Ed. 2017, 9221-B & E, 9-69 & 9-77

END OF REPORT

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TC-7487



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TEST REPORT

Report No.:	ME-NG06552-230415- SA-SAPADA-PUNE	Date: 15.04.2023
ULR No.:	TC748723000005975F	

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TEST REPORT

Report No.:	ME-NG06552N-230415- SA-SAPADA-PUNE	Date:	15.04.2023
ULR No.:	-		

Name and Address of Customer	SAMPADA REALITIES PVT. LTD. S. No. 19/1 to 7+9/1, Masulkar Farms, Kiwale, Pune		WO No.:	Verbal
			WO Date:	-
Sample Description / Type	Domestic Effluent	Sample Collected by	Laboratory	
Sampling Location	STP Outlet 150KLD	Sample Quantity / Packing	2 L X 1 No. PVC Can	
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023	
Sampling Procedure	IS:3025(Part I):1987 RA 2019, APHA 23 rd Ed. 2017, 1060-B, 1-40;			
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	15.04.2023	

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing; Product Group: Pollution & Environment (Waste Water)			
1.	Total Kjeldahl Nitrogen (as N)	mg/L	0.39	APHA 23rd Ed. 2017, 4500 NH3-B & C, 4-114, 4-116 or F 4-119 & 4500 NOrg, B-4-139

END OF REPORT

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TEST REPORT

Report No.:	ME-NG06554-230420-SA-SAMPADA-PUNE	Date: 20.04.2023
ULR No.:	TC748723000005977F	

Name and Address of Customer	SAMPADA REALITIES PVT. LTD. S. No. 19/1 to 7+9/1, Masulkar Farms, Kiwale, Pune		WO No.: Verbal WO Date: -
Sample Description / Type	Drinking water	Sample Collected by	Laboratory
Sampling Location	WTP Plant RO Water	Sample Quantity / Packing	2L X 1 No. PVC Can 500 mL X 1 No. PVC Can 250 mL X 1 No. Sterilized Glass Bottle
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023
Sampling Procedure	IS:3025(Part I):1987 RA 2019; IS 1622:1981 RA 2019, APHA 23 rd Ed. 2017, 1060-B, 1-40; 9060 A, 9-36		
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	19.04.2023

Sr. No.	Parameter	Unit	Result	#Limit	\$Limit	Method Reference
	Discipline: Chemical Testing: Product Group: Water (Drinking Water)					
1.	Colour	Hazen	BQL (LOQ:1)	5 Max.	15 Max.	APHA 23 rd Ed. 2017, 2120-B, 2-6
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 05):1984, RA 2018
3.	Turbidity	NTU	0.2	1 Max.	5 Max.	APHA 23 rd Ed. 2017, 2130-B, 2-13
4.	pH	-	7.6	6.5 to 8.5	No relaxation	APHA 23 rd Ed. 2017, 4500-H ⁻ B, 4-95
5.	Residual Free Chlorine	mg/L	BQL (LOQ:0.05)	0.2 Min.	1.0 Min.	APHA 23 rd Ed. 2017, 4500-Cl G, 4-72
6.	Chloramines (as Cl ₂)	mg/L	BQL (LOQ:0.05)	4.0 Max.	No relaxation	APHA 23 rd Ed. 2017, 4500-Cl G, 4-72
7.	Total Dissolved Solids	mg/L	133	500 Max.	2000 Max.	IS 3025 (Part 16):1984 RA 2017, Ed.2.1 (1999-12)
8.	Alkalinity Total (as CaCO ₃)	mg/L	76	200 Max.	600 Max.	APHA 23 rd Ed. 2017, 2320-B, 2-36
9.	Total Hardness (as CaCO ₃)	mg/L	80	200 Max.	600 Max.	APHA 23 rd Ed. 2017, 2340-C, 2-48
10.	Chloride (as Cl)	mg/L	19.0	250 Max.	1000 Max.	APHA 23 rd Ed. 2017, 4500-Cl-B, 4-75





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TEST REPORT

Report No.:	ME-NG06554-230420-SA-SAMPADA-PUNE	Date: 20.04.2023
ULR No.:	TC748723000005977F	

Sr. No.	Parameter	Unit	Result	#Limit	\$Limit	Method Reference
11.	Sulphate (as SO ₄)	mg/L	5.6	200 Max.	400 Max.	APHA 23 rd Ed. 2017, 4500-SO ₄ -E, 4-199
12.	Nitrate (as NO ₃)	mg/L	0.85	45 Max.	No relaxation	APHA 23 rd Ed. 2017, 4500-NO ₃ , E 4-131
13.	Calcium (as Ca)	mg/L	22.4	75 Max.	200 Max.	APHA 23 rd Ed. 2017, 3500-Ca-B, 3-69
14.	Magnesium (as Mg)	mg/L	5.8	30 Max.	100 Max.	APHA 23 rd Ed. 2017, 3500-Mg- B, 3-86
15.	Fluoride (as F)	mg/L	0.13	1 Max.	1.5 Max.	APHA 23 rd Ed. 2017, 4500-F, D, 4-90
16.	Ammonia/Ammonical Nitrogen	mg/L	BQL (LOQ:0.1)	0.5 Max.	No relaxation	APHA 23 rd Ed. 2017, 4500 NH ₃ - F, 4-119
17.	Sulphide	mg/L	BQL (LOQ:0.08)	0.05 Max.	No relaxation	APHA 23 rd Ed. 2017, 4500-S-C-4-183, F-4-187
18.	Anionic detergents as MBAS	mg/L	BQL (LOQ:0.1)	0.2 Max.	1.0 Max.	APHA 23 rd Ed. 2017, 5540-C, 5-55
19.	Phenolic compounds (as C ₆ H ₅ OH)	mg/L	BQL (LOQ:0.001)	0.001 Max.	0.002 Max.	APHA 23 rd Ed. 2017, 5530- B & C, 5-49, 5-50
Residues in water (Trace metal Element)						
20.	Iron (as Fe)	mg/L	0.100	1.0 Max.	No relaxation	IS:3025 (Part 2), 2019
21.	Manganese (as Mn)	mg/L	BQL (LOQ:0.01)	0.1 Max.	0.3 Max.	IS 3025 (Part 2): 2019
22.	Aluminium (as Al)	mg/L	BQL (LOQ:0.025)	0.03 Max.	0.2 Max.	APHA 23 rd Ed. 2017, 3500-Al-B, 3-63
23.	Copper (as Cu)	mg/L	BQL (LOQ:0.01)	0.05 Max.	1.5 Max.	IS 3025 (Part 2): 2019
24.	Zinc (as Zn)	mg/L	BQL (LOQ:0.02)	5 Max.	15 Max.	IS 3025(Part 2): 2019
25.	Selenium (as Se)	mg/L	BQL (LOQ:0.01)	0.01 Max.	No relaxation	IS 3025(Part 2): 2019
Discipline: Biological Testing; Product Group: Water (Drinking water)						





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TEST REPORT

Report No.:	ME-NG06554-230420-SA-SAMPADA-PUNE	Date: 20.04.2023
ULR No.:	TC748723000005977F	

Sr. No.	Parameter	Unit	Result	#Limit	\$Limit	Method Reference
26.	Total Coliforms	/100mL	Absent	Shall not be detectable in any 100 mL Sample.	-	IS 15185:2016
27.	<i>Escherichia coli</i>	/100mL	Absent	Shall not be detectable in any 100 mL Sample.	-	IS 15185:2016

END OF REPORT

- Note:**
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 2. LOQ: Limit of Quantification.
 3. #: Acceptable Limit as per IS 10500:2012; RA 2018.
 4. \$ Permissible Limit in the Absence of Alternate Source as per IS 10500:2012 RA 2018
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TEST REPORT

Report No.:	ME-NG06554N-230420-SA-SAMPADA-PUNE	Date: 20.04.2023
ULR No.:	-	

Name and Address of Customer	SAMPADA REALITIES PVT. LTD. S. No. 19/1 to 7+9/1, Masulkar Farms, Kiwale, Pune		WO No.: Verbal WO Date: -
Sample Description / Type	Drinking water	Sample Collected by	Laboratory
Sampling Location	WTP Plant RO Water	Sample Quantity / Packing	1L X 1 No. PVC Can
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023
Sampling Procedure	IS:3025(Part I);1987 RA 2019; APHA 23 rd Ed. 2017, 1060-B, 1-40		
Date of Start of Analysis	08.04.2023	Date of Completion of Analysis	19.04.2023

Sr. No.	Parameter	Unit	Result	#Limit	\$Limit	Method Reference
	Discipline: Chemical Testing: Product Group: Water (Drinking Water)					
1.	*Mineral Oil	mg/L	BQL (LOQ:1)	1.0 Max.	No relaxation	APHA 23 rd Ed. 5520:2017

END OF REPORT

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 4. \$ Permissible Limit in the Absence of Alternate Source as per IS 10500:2012 RA 2018
 5. Parameters, Product Group marked with * indicates Subcontracted testing.
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TEST REPORT

Report No.:	ME-NG06553-230420- SA-SAMPADA-PUNE	Date: 20.04.2023
ULR No.:	TC748723000005976F	

Name and Address of Customer	SAMPADA REALITIES PVT. LTD. S. No. 19/1 to 7+9/1, Masulkar Farms, Kiwale, Pune		WO No.: Verbal WO Date: -
Sample Description / Type	Soil	Sample Collected by	Laboratory
Sampling Location	Project Site	Sample Quantity / Packing	1 kg X 1 No. Polythene Bag
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023
Sampling Procedure	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India		
Date of Start of Analysis	10.04.2023	Date of Completion of Analysis	20.04.2023

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing; Product Group: Pollution & Environment (Soil)			
1.	pH (1+5)	-	8.4	FAO 1976, Sec.III,1, Page No. 65
2.	Organic Carbon	%	0.422	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India, Sec.4-17, Page No 83.
3.	Moisture Content	%	7.49	IS 2720 (Part II): 1973, RA 2002, Ed. 3.1
4.	Available Nitrogen	mg/kg	81.2	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India, Sec.4 -17, Page No 89
5.	Available Phosphorous	mg/kg	15.5	FAO Sec. III .12-1 Page no-157
6.	Total Cadmium	mg/kg	BQL (LOQ:2)	USEPA/SW 846 Method 3050B, Rev.2: Dec.1996 and 7000B, Rev.2, Feb 2007
7.	Total Chromium	mg/kg	67.7	USEPA/SW 846 Method 3050B, Rev.2: Dec.1996 and 7000B, Rev.2, Feb 2007
8.	Total Copper	mg/kg	83.2	USEPA/SW 846 Method 3050B, Rev.2: Dec.1996 and 7000B, Rev.2, Feb 2007
9.	Total Lead	mg/kg	8.76	USEPA/SW 846 Method 3050B, Rev.2: Dec.1996 and 7000B, Rev.2, Feb 2007
10.	Total Zinc	mg/kg	62.6	USEPA/SW 846 Method 3050B, Rev.2: Dec.1996 and 7000B, Rev.2, Feb 2007

END OF REPORT

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TEST REPORT

Report No.:	ME-NG06553-230420- SA-SAMPADA-PUNE	Date: 20.04.2023
ULR No.:	TC748723000005976F	

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TEST REPORT

Report No.:	ME-NG06553N-230420- SA-SAMPADA-PUNE	Date: 20.04.2023
ULR No.:	-	

Name and Address of Customer	SAMPADA REALITIES PVT. LTD. S. No. 19/1 to 7+9/1, Masulkar Farms, Kiwale, Pune		WO No.: Verbal WO Date: -
Sample Description / Type	Soil	Sample Collected by	Laboratory
Sampling Location	Project Site	Sample Quantity / Packing	1 kg X 1 No. Polythene Bag
Date of Sampling	07.04.2023	Date of Receipt of Sample	08.04.2023
Sampling Procedure	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India		
Date of Start of Analysis	10.04.2023	Date of Completion of Analysis	20.04.2023

Sr. No.	Parameter	Unit	Result	Method Reference
	<u>Discipline: Chemical Testing;</u> <u>Product Group: Pollution & Environment (Soil)</u>			
1.	Chloride	mg/kg	124	USEPA/SW 846 Method 9253:1996
2.	Sulphate	mg/kg	102	IS 2720 (Part XXVII):1977, Reaffirmed 2001.
3.	Oil & Grease	mg/kg	BQL (LOQ:5)	CPCB (HW) manual, Page No. 155

END OF REPORT

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





Mahabal Enviro Engineers Pvt. Ltd.

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

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



TEST REPORT

Report No.:	ME-NG06549-230413- SA-SLPL-PUNE	Date: 13.04.2023
ULR No.:	TC748723000005972F	

Name and Address of Customer	SAMPADA REALITIES PVT. LTD, S. No. 19/1 to 7+9/1, Masulkar Farms, Kiwale, Pune	WO No.:	Verbal
		WO Date:	-
Sample Description / Type	Ambient Noise		
Date of Sampling	06.04.2023	Sampling Procedure	IS 9876:1981

Sr. No.	Location	Time in h	Sound Level L_{eq} dB (A) Fast Response	Sound Level L_{eq} dB (A) Slow Response
Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Ambient Noise)				
1	Near Main Gate	09:00	54.8	53.7
		22:00	42.2	41.6
2	Near Office Project Site	09:30	54.2	53.4
		22:30	40.6	39.3
3	Near Club House	10:00	54.9	53.6
		23:00	41.7	40.2

As per The Noise Pollution (Regulation & Control) Rules, 2000 (Rules 3(1) and 4(1))

Area Code	Area Type	Limits in dB (A) weighted scale	
		Day Time (6:00 a.m. to 10:00 p.m.)	Night Time (10:00 p.m. to 6:00 a.m.)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

END OF REPORT

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Mahabal Enviro Engineers Pvt. Ltd.

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

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

TEST REPORT



Report No.:	ME-NG06550-230413- SA-SAMPADA-PUNE	Date: 13.04.2023
ULR No.:	TC748723000005973F	

Name and Address of Customer	SAMPADA REALITIES PVT. LTD. S. No. 19/1 to 7+9/1, Masulkar Farms, Kiwale, Pune		WO No.: Verbal WO Date: -
Sample Description / Type	Stack Emission	Sample Collected by	Laboratory
Sampling Location	DG Set 200 KVA	Sample Quantity / Packing	Thimble: 1 X 1 No. SO ₂ : 30 mL X 1 No. PVC Bottle NO _x : 25 mL X 1 No. PVC Bottle
Date of Sampling	06.04.2023	Date of Receipt of Sample	08.04.2023
Sampling Procedure	As per method reference		
Date of Start of Analysis	10.04.2023	Date of Completion of Analysis	12.04.2023

Stack Details	
Stack Identity	DG Set 200 KVA
Stack attached to	DG Set
Material of construction	M.S.
Stack height above ground level (Meter)	5
Stack Dimension (Meter)	0.10
Stack shape at top	Round
Type of fuel	Diesel
Fuel Consumption (L/h)	-

Sr. No.	Parameter	Unit	Result	Method Reference
Discipline: Chemical Testing;				
Product Group: Atmospheric				
Pollution (Stack Emission)				
1	Flue gas Temperature	°C	104	IS 11255 (Part 3): 2008, RA 2018
2	Flue gas Velocity	m/s	6.3	IS 11255 (Part 3): 2008, RA 2018
3	Total gas quantity	Nm ³ /h	142	IS 11255 (Part 3): 2008, RA 2018
4	Particulate Matter (PM)	mg/Nm ³	18	IS 11255 (Part 1): 1985, RA 2019
5	Sulphur Dioxide (SO ₂)	mg/Nm ³	13	IS 11255 (Part 2): 1985, RA 2019
6	Oxides of Nitrogen (NO _x)	mg/Nm ³	180	IS 11255 (Part 7): 2005, RA 2017

END OF REPORT

Page 1 of 2
QF/SALE/04
Issue No 03
Date 05.12.2019.
Amd 01 Date
24.12.2022


Harish Mendhi
Technical Manager
Chemical Testing





Mahabal Enviro Engineers Pvt. Ltd.

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

TEST REPORT



Report No.:	ME-NG06550-230413- SA-SAMPADA-PUNE	Date: 13.04.2023
ULR No.:	TC748723000005973F	

- Note:**
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Harish Mendhi
Technical Manager
Chemical Testing





Mahabal Enviro Engineers Pvt. Ltd.

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



TEST REPORT

Report No.:	ME-NG06550-230413- SA-SAMPADA-PUNE	Date:	13.04.2023
ULR No.:	-		

Name and Address of Customer	SAMPADA REALITIES PVT. LTD. S. No. 19/1 to 7+9/1, Masulkar Farms, Kiwale, Pune		WO No.:	Verbal
			WO Date:	-
Sample Description / Type	Stack Emission	Sample Collected by	Laboratory	
Sampling Location	DG Set 200 kVA	Sample Quantity / Packing	SO ₂ : 30 mL X 1 No. PVC Bottle	
Date of Sampling	06.04.2023	Date of Receipt of Sample	08.04.2023	
Sampling Procedure	As per method reference			
Date of Start of Analysis	10.04.2023	Date of Completion of Analysis	12.04.2023	

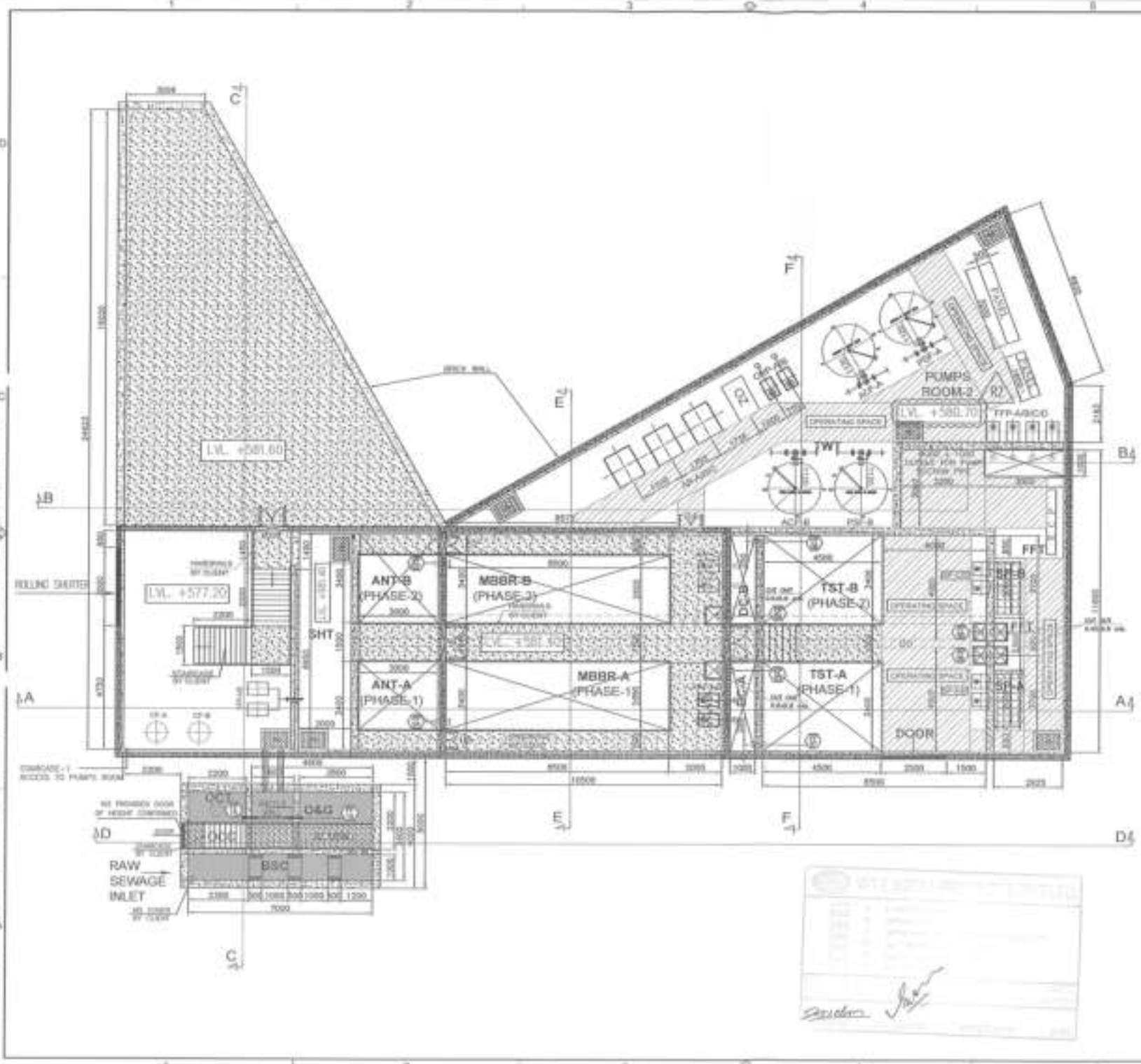
Stack Details	
Stack Identity	DG Set 200 kVA
Stack attached to	DG Set
Material of construction	M.S.
Stack height above ground level (Meter)	5
Stack Dimension (Meter)	0.10
Stack shape at top	Round
Type of fuel	Diesel
Fuel Consumption (L/h)	-

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Stack Emission)			
1	Sulphur Dioxide (SO ₂)	kg/d	0.044	IS 11255 (Part 2):1985; RA 2019

END OF REPORT

- Note:**
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LIST OF CIVIL UNITS (CLIENT SCOPE)

MARK NO.	DESCRIPTION	QTY/CHRGY	SMO	TN	WL	QTY
BSC	RAW SEWAGE CHAMBER	7.8 M X 1.8 M	0.4 M	2.5 M	2.8 M	01
D&G	DL. & GASE CHAMBER	4.8 M X 2.2 M	0.8 M	1.5 M	0.10 M	01
DC	DL. COLLECTION CHAMBER	2.2 M X 2.2 M	2.5 M	2.5 M	12.1 M	01
EDP	EBULLIATION TANK	AREA = 168.70M	2.8 M	3.1 M	43.80 M	01
SHF	SLUDGE HOLDING TANK	6.3 M X 2.0 M	4.0 M	4.2 M	68 M	01
ANT	AIRCID TANK	4.0 M X 3.0 M	4.0 M	4.5 M	48 M	02
MBR-1/2	MOVING BED MBR-2UM	11.5 M X 4.0 M	2.8 M	4.5 M	175 M	02
DC-A/B	DISTRIBUTION CHAMBER	1.0 M X 4.0 M	1.7 M	4.5 M	14.8 M	01
T-1/2	TANK SETTLER	8.0 M X 4.0 M	1.5 M	3.1 M	60 M	02
SP-1/2	SLUDGE PIT	1.0 M X 2.0 M	---	3.8 M	---	M3
FT	FILTER FEED TANK	AREA = 35.87 M	2.8 M	3.1 M	95 M	01
WT	TREATED WATER TANK	AREA = 124.00M	1.2 M	3.5 M	400 M	01

- NOTES:-**
- 1) ALL DIMENSIONS ARE IN mm & ALL ELEVATIONS ARE IN MTR. UNLESS OTHERWISE SPECIFIED.
 - 2) THIS DRAWING SHOWS THE GENERAL ARRANGEMENT ONLY. RCC DETAILS TO BE CONSIDERED BY THE STRUCTURAL CONSULTANT.
 - 3) ALL WALL THICKNESS TO BE DECIDED BY CIVIL DESIGNER. (WE ASSUMED ROBE WALL THICKNESS TO BE 300 MM)
 - 4) FDL = 580.40M ; WRODT LEVEL = 577.00 (-2.5M)
 - 5) MANHOLE (M) SIZE 800x800 mm ARE IN CLIENT SCOPE.
 - 6) CLIENT SHOULD PROVIDE GROUTING CONCRETE MATERIAL (SUITABLE GRADE) FOR FOUNDATIONS.
 - 7) PRECAST AIR GRID BLOCK ARE IN CLIENT SCOPE.
 - 8) CLIENT WILL SUPPORT FOR CORE CUTTING & WALL BREAKING DURING DECON.
 - 9) CLIENT SHOULD PROVIDE FOUNDATION FOR LADDERS.
 - 10) CLIENT SHOULD PROVIDE MINOR CIVIL WORK SUPPORT DURING DECON.
 - 11) LADDERS & HANDRAILS ARE IN CLIENT SCOPE.
 - 12) WD COVER ON BSC & D&G ARE IN CLIENT SCOPE.
 - 13) PRECAST BLOCK(200x200x150mm)FOR AIR GRID ARE IN CLIENT SCOPE.
 - 14) CLIENT SHOULD PROVIDE PROPER VENTILATION TO EQUIPMENT ROOM.

NO.	DATE	DESCRIPTION	BY	APPD.
2	15.04.23	REVISED AS PER CLIENT REQUIREMENT	OK	VS
3	20.03.23	REVISED AS PER CLIENT COMMENTS	OK	VS
4	17.03.23	ISSUE FOR APPROVAL	OK	VS

WTE Infra Projects Pvt. Ltd.
For Water And Waste Water Treatment Systems

150 Central Organization
CORPORATE OFFICE : 1/F P-9, MIDC INDUSTRIAL COMPLEX, PHASE-1,
CHANDRA PRAKASH NAGAR, TQ. KATKAT, DIST. HANBLOGI
944 06 22444/22445, E mail: info@wteinfra.com

EQUIPMENT LAYOUT FOR SEWAGE TREATMENT PLANT

CLIENT: M/s. SUDHAKAR REALTIES PRIVATE LIMITED
DRAWING NO: WTE-0002
SCALE CONTRACTOR: NA
PROJECT: 100 FLD @ KHALSA S. TOWER

DATE	ISSUE	BY	PROJECT	SCALE	NO.
15.04.23	---	---	SP	VS	1/10

WTE-PRJ1303-02-001

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorized By
Government of MaharashtraDate : 12/10/2022
Time : 14:32:34 PM
Validity upto : 11/10/2023Certificate No. : MH01402590001703
Registration No. : MH14GU0888
Date of Registration : 13/Nov/2018
Month & Year of Manufacturing : August-2018
Vaid Mobile Number : ****0808
Emission Norms : BHARAT STAGE IV
Fuel : DIESEL
PUC Code : MH0140259
GSTIN :
Fee : Rs.150.00
(GST to be paid extra as applicable)
ML observation : NoVehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.43

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://vahan.parivahan.gov.in>Authorized Signature with stamp of PUC operator
60mm x 20 mm

GOVERNMENT OF MAHARASHTRA

Motor Vehicle Department

PIMPRI-CHINCHWAD

FORM 38

[See Rule 62(1)]

CERTIFICATE OF FITNESS

(Applicable in the case of transport vehicles only)



Vehicle No: MH14GU8880 (Goods Carrier) is certified as complying with the provisions of the Motor vehicles Act, 1988 and the rules made there under.

Certificate will expire on : 31-Oct-2020

Next Inspection Due Date : 02-Oct-2020

Inspection Fee Receipt No : MH14D18100018538

Application No : MH18102042308684

Receipt Date : 30-Oct-2018

Chassis No : MEC2416BJJP070679

Engine No : 400952D0070471

Seating Capacity : 3 (Including Driver)

Type of Body : CAB CHASSIS

Registration No : MH14GU8880

Category of Vehicle : HGV

Inspected by

Manufacturing Year : 2018

Inspected on : 01-Nov-2018

: PANDURANG E. GADEKAR

Printed on 15-Nov-2018 19:12:03

Signature of Inspecting Authority
PIMPRI-CHINCHWAD

P. E. Gadekar
I.M.V.
Dy. R.T.O.
Pimpri-Chinchwad

Form 59

[See rules 115 (2)]

Pollution Under Control CertificateAuthorised By
Government of MaharashtraDate : 12/10/2022
Time : 13:59:56 PM
Validity upto : 11/10/2023

Certificate No. : MH01402590001702
 Registration No. : MH14GU8880
 Date of Registration : 13/Nov/2018
 Month & Year of Manufacturing : September-2018
 Valid Mobile Number : *****0808
 Emission Norms : BHARAT STAGE IV
 Fuel : DIESEL
 PUC Code : MH0140259
 GSTIN :
 Fees : Rs. 150.00
 (GST to be paid extra as applicable)
 MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.5

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://vahan.parivahan.gov.in>

Authorised Signature with stamp of PUC operator
60mm x 20 mm

ENVIRONMENTAL MANAGEMENT PLAN

Environmental Component	Phase	Project Activity	Potential Impacts	Mitigation Measures
Air Quality	Construction Phase	Site Clearance / Operation	Dust Pollution	Wetting of area before clearing. Erecting barricade around construction site.
		Heavy vehicle Maintenance / operation	Air Pollution Dust generation.	Trucks carrying earth, sand or stone shall be covered with tarpaulin to avoid spilling. All vehicles should have valid PUC.
		Construction of Structures and earth work	Dust due to cutting and filling.	Water should be sprayed while construction activity is going on. All vehicles delivering materials should be properly covered. RMC will be used throughout the construction.
	Operation Phase	Traffic plying on road	Increase in Air Pollutant Concentration in some locations.	Smooth flow of traffic, Regulation of air pollution by legislation and public awareness.
		DG Set operation	Air Pollution	DG Sets adhering to CPCB Norms. Proper maintenance of DG Sets.
Noise Quality	Construction Phase	Heavy vehicle maintenance / operation	Increased vehicular noise	The vehicles use for construction activity should confirm to emission norms of CPCB.
		Construction of structures and earth work	Noise from Vibrators, Concrete Batching Plants etc.	Employing electrically operated construction equipment. Providing ear plugs for workers.
	Operation Phase	Vehicular traffic	Increased vehicular noise	Ensuring smooth flow of traffic. Parking provided as per norms.

Environmental Component	Phase	Project Activity	Potential Impacts	Mitigation Measures
			due to increased traffic	Provision of trees along the periphery of the boundary wall shall act as noise buffer.
		DG Set operation	Increased noise level	DG Sets adhering to CPCB Norms. Proper maintenance of DG Sets.
Water	Construction Phase	Construction Staff water requirement	Strain on the water supply in the vicinity	Drinking water shall be purchased from market by tankers./ By municipality supply.
	Operation Phase	Building users water requirement	Strain on the water supply in the vicinity.	By municipality supply by tankers or by recycled water from STP.
Soil	Construction Phase	Storage of petroleum and other chemicals	Pollution due to spills and mixing of construction materials	Storage of all petroleum products must be located on impervious layers viz. concrete. The surface runoff of the storage site must pass through oil / grease traps.
		Construction Debris and Earth material	Pollution due to mixing of concrete with soil	Concrete and such debris should be stored in a container or separate location within the site and finally sent to disposal site.
		Transportation of hazardous material	Hazardous chemicals from accidental spills polluting surface water body nearby.	Transpiration of hazardous material and storage as per safety rules. Regulation on load carried and speed.
		Residual Paints/Solvents / Bituminous materials	Contamination of soil	Shall be given to authorized recyclers /site. Bituminous materials /any other chemicals shall not be allowed to leach into the soil.

Environmental Component	Phase	Project Activity	Potential Impacts	Mitigation Measures
	Operation Phase	Heavy vehicle maintenance / operation	Oil Spillage	<p>Most of the machines operating on the site will be electricity operated.</p> <p>Oil trays will be kept below all potential oil spillage points and oil shall be collected in trays and given to authorized recyclers/ sites.</p>
		Operation	Soil contamination due to surface run off/Oil & grease dripping form vehicles	Oil & grease traps shall be installed on sewers and S.W.D. discharge points in to Municipal sewers and drains. The sludge collected from Oil separators should be disposed authorized dumping sites.
		Solid Waste generation	Improper disposal of plastic waste/kitchen west and sludge of treatment plants can cause environmental hazards.	<p>All the solid waste generated should be separated at the source.</p> <p>Dry garbage will be handed over corporation.</p> <p>Wet garbage shall be treated by biosynthetic composting and shall be used as manure.</p> <p>The sludge generated by the Sewage Treatment Plant can be used for Gardening.</p>
		Transpiration of hazardous material	Hazardous chemicals from accidental spill	<p>Regulation on load carried and speed.</p> <p>Barriers to be erected near sensitive locations.</p>
Even after taking precautions if soil is found to be contaminated, it shall be removed and disposed off to authorized site				
Ecology	Construction Phase	Construction of structures and earth work.	Migration of fauna due to construction	All the machines operating on the site will be electricity operated. Machines and vehicles should be

Environmental Component	Phase	Project Activity	Potential Impacts	Mitigation Measures
				maintained well to keep their noise at a minimum
		Transportation of hazardous materials	Loss of vegetation from chemical spills	Regulation on load carried and speed.
	Operation Phase	Operation	Increase exposure to anthropogenic activities.	Enactment and enforcement of laws regulating human intrusions.



KP-EC Compliance Reports <koltepatil.eccompliance@gmail.com>

Half yearly compliance report of December 2022 for Little Earth Project

1 message

KP-EC Compliance Reports <koltepatil.eccompliance@gmail.com>

Wed, Dec 7, 2022 at 12:04 PM

To: ecompliance-mh@gov.in

Cc: amruta.kale@koltepatil.com

Dear Sir/ Madam,

Enclosed the Half yearly Compliance report of December 2022 for Little Earth project at kiwale, Pune

Thanks & Regards,

Kiran Kokamkar

Kolte Patil Developers Ltd. (HO)

City Bay, 7th Floor,

Dhole Patil Road, Pune 001



EC Compliance report Dec. 2022 Little Earth Kiwale.pdf

4170K



SAMPADA
Realities Private Limited

To,
Member Secretary
Maharashtra Pollution Control Board
4th Floor, Kalpataru Point,
Opp. Cine Planet, Near Sion Circle, Sion (E)
Mumbai- 400 022

Date: 05.12.2022

Sub : Submission of 6 monthly monitoring report as per condition in Environmental Clearance for proposed residential & commercial at S No. 19/ (1 to 7+9)/1, Plot No - 01 At - Kiwale, Masulkar City, Pune, Maharashtra


Ref: Environmental Department – Environmental Clearance file no SEIAA-EC-0000001938 dated 09 Aug. 2019 (Copy attached)

Sir,

We are submitting 6 monthly morning report as per condition in Environmental letter no file no SEIAA-EC-0000001938 dated 09 Aug. 2019

- 1. Present Status of Project Work Progress**
Construction of 09 Residential & 01 Commercial Buildings is completed. Buildings C15, C17 & C18 is at finishing stage and Bldg. B11 & C16 Excavation work completed.
- 2. Name & address of local & Nodal Officer with e-mail, Phone & fax number**
Name : Mr. Vinayak Jogdeo
Address : M/s. Sampada Realities Pvt, Ltd., 2nd Floor, City Point, Dhole Patil Road, Pune 01
Phone No : +91 20 66226622,
Email : amruta.kale@koltepatil.com
Fax No. : +91 20 66226626
Mobile No. : 9765551033
- 3. Point wise Compliance Status to various stipulations as laid down by the Ministry is enclosed for your reference.**
- 4. Copies of EIA/EMP/Consent to Establish from MPCB**
The Copies of Form 1 & Form 1A already send to MoEF. We have obtained the C to E from MPCB vide letter Format 1.0/BO/ROHQ/PN-22563-14/CE/CC/11382
- 5. The information is duly filled in the enclosed data sheet.**
- 6. Also find enclosed the hard/soft copies of half yearly point wise compliance status.**

Thanking You,
Yours truly,
For M/s. Sampada Realities Pvt. Ltd.


Authorized Signatory


महाराष्ट्र प्रदूषण नियंत्रण मंडळ
कमलतर पॉइंट, २ रा भवनका, सायन सर्कल,
त्रिनेत्रवट रुग्णालय, सायन (पूर्व),
पुणे - ४०० ०२२.
फोन :- २२०१०४३३ / २२०२०७८१
Website www.mpcb.gov.in



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000053341

Submitted Date

23-05-2023

PART A

Company Information

Company Name

M/s. Sampada Realities Pvt. Ltd. "Little Earth"

Application UAN number

UAN No.0000131805

Address

Survey No. 19/(1 To 7+9)/1, Plot No - 01, Kiwale, PCMC, Tal Haveli, Dist Pune

Plot no

Plot No - 01

Taluka

Mulshi

Village

kiwale

Capital Investment (In lakhs)

Consent copy Enclosed.

Scale

LSI

City

Pimpri Chinchwad

Pincode

410505

Person Name

Mr. Vinayak Jogdeo

Designation

Vice President

Telephone Number

9765551033

Fax Number

Email

amruta.kale@koltepatil.com

Region

SRO-Pimpri Chinchwad

Industry Category

Orange

Industry Type

O21 Building and construction project more than 20,000 sq. m built up area

Last Environmental statement submitted online

yes

Consent Number

Format1.0/CC/UAN
No.0000131805/CO/2302001620

Consent Issue Date

2023-02-23

Consent Valid Upto

2023-10-31

Establishment Year

2007

Date of last environment statement submitted

Jul 17 2018 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

CMD

By-product Information

By Product Name

Na

Consent Quantity

0

Actual Quantity

0

UOM

CMD

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	0.00	0.00
Domestic	55.35	55.35
All others	0.00	0.00
Total	55.35	55.35

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Domestic effluent	49.82	49.82	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
NA	0	0	CMD

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
NA	0	0	CMD

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
HSD	40	40	Ltr/Hr

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged (Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
As per Analysis reports (Copy Enclosed)	0	0	As per Analysis reports (Copy Enclosed)	As per Analysis reports (Copy Enclosed)	As per Analysis reports (Copy Enclosed)

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged (Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
As per Analysis reports (Copy Enclosed)	0	0	As per Analysis reports (Copy Enclosed)	As per Analysis reports (Copy Enclosed)	As per Analysis reports (Copy Enclosed)

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Bio Degredable Waste	2	2	Kg
Bio Degredable Waste	2	2	Kg
Non Bio Degredable Waste	172	172	Kg
Non Bio Degredable Waste	172	172	Kg
STP Sludge	100	100	Kg
STP Sludge	100	100	Kg

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
As per Consent (Copy Enclosed).	0	0	CMD

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
0	0	CMD	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	CMD	NA

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	0	0

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Capital and recurring (O & M) expenditure on various aspect of environment protection such as effluent, emission, hazardous waste, solid waste, tree- plantation, monitoring, data acquisition etc	Capital and recurring (O & M) expenditure on various aspect of environment protection such as effluent, emission, hazardous waste, solid waste, tree- plantation, monitoring, data acquisition etc	0

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Capital and recurring (O & M) expenditure on various aspect of environment protection such as effluent, emission, hazardous waste, solid waste, tree- plantation, monitoring, data acquisition etc	Capital and recurring (O & M) expenditure on various aspect of environment protection such as effluent, emission, hazardous waste, solid waste, tree-plantation, monitoring, data acquisition etc	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

The company have done extensive plantation in a factory premises and successfully grown so more land under planting. 2. Medicinal checkup done regularly for all employees 3. Safety training for the workers is an organized process 4The company is constantly monitoring the Air, stack, Waste water, noise in an around the plant and ensures that the norms are maintained. 5. The company celebrates the WORLD ENVIRONMENT DAY every year

Name & Designation

Mr. Vinayak Jogdeo (VP)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000053341

Submitted On:

23-05-2023

Annexure 10 – Site Photographs

50 KLD STP



90 KLD STP



150 KLD STP



1020 KLD STP Work in Progress



600 KC OWC



Labour Camp



Drinking water provision for workers



Temporary Toilets provision for workers



Barricading at Construction site





Bldg. B11 WIP

Bldg C16 WIP

Internal Road side Plantation

