

Shivdan Constructions

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Date: 20/11/23

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

Sub: Post EC Compliance Report for Period of April 2023 to September 2023 of Residential and commercial project 'Shivdan Construction' at S.No.34/1/B,36/3/1 Village-wakad Tal-Mulshi, Dist-Pune, Maharashtra.

Ref.: Environmental Clearance Letter No. EC22B038MH114389 letter dated 13th March 2022

Dear Sir/Madam,

As per the condition laid down in the Environmental Clearance Letter, we are submitting herewith post EC compliance report of proposed Project for period of April 2023 to September 2023.

Hope this is in line with your requirement.

Thanking you

Yours Sincere

For SHIVDAN CONSTRUCTIONS



PARTNER

M/s. Shivdan Construction

CC: 1. SEIAA- Chairman, Environment Department, 15th Floor, New Administrative Building, Mantralaya, Mumbai-400032

2. MPCB -Member Secretary, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Sion, Mumbai, Maharashtra 400022.

SIX MONTHLY COMPLIANCE REPORT

OF

RESIDENTIAL & COMMERCIAL PROJECT

AT

**S. No. 34/1/B, 36/3/1, VILLAGE WAKAD, TaL.
MULSHI, DIST. PUNE, MAHARASHTRA.**

BEING DEVELOPED BY

M/S. SHIVDAN CONSTRUCTIONS

FOR

APRIL 2023 TO SEPTEMBER 2023

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Section1: Purpose of the Report

As per the 'Sub Para (i)' of 'Para 10' of EIA Notification 2006 and Sr. No. IV under General EC Condition mentioned on page no.10 in Environmental Clearance (EC) letter dated 13th March, 2022 (**Annexure 1**), it is mandatory to submit six monthly compliance report to show the status & compliance of all the conditions mentioned in EC letter, along with monitoring of various environmental parameters. Therefore, based on the general conditions mentioned in EC letter detail compliance report is prepared.

Section 2: Project Details

M/s. Shivdan Construction. is proposing residential & Commercial project at S. No.34/1/B, 36/3/1, Village Wakad, Tal. Mulshi, Dist. Pune, Maharashtra. Project is designed as self-sufficient establishment wherein infrastructure facilities such as water supply, power supply and communication facilities are proposed. Further the project proponent has made provision for waste collection and disposal, rain water harvesting and sewage treatment to ensure that project is environment friendly. The project proponent also proposes arrangement for safety, maintenance and security of residents. The main features of the project are as follows:

Sr. No.	Particulars	Details	
1	Total Plot Area (As per EC)	8,900 sq. m.	
2	Construction BUA (FSI + Non FSI)	33,818.82 sq.m	
3	No. of buildings	Buildings	Number of floors
		Buildings A	B+G+3P + 17 floors
		Building B	B+G+3P + 17 floors
		Buildings C	B+G+3P + 17 floors
		Clubhouse	G + 1 floor
		Commercial	731.19 sq.m
4	No. of Tenements& Shops	Tenements: 204 Nos Commercial area- 731.19 sq.m	
5	Total Water Requirement	157 m ³ /day	
6	Recycled Water Requirement (For Flushing & Landscaping)	Flushing: 51m ³ /day Landscaping: 7m ³ /day	
7	Sewage Generation	139 m ³ /day	
8	No. & Capacity of STP	140 KLD	
9	Solid Waste Generation	Non Bio-degradable Waste: 241kg/day Bio-degradable Waste: 330 kg/day STP Sludge:21 kg/day E- waste- 560.8 kg/annum.	

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10	Energy Demand	During Construction phase: Demand load: 230 KW DG Set: 1 no. of 100 KVA During Operation phase: Connected Load:1953 kW Demand Load: 776 KW DG sets: No 1, 500 KVA Transformer: 2 x 500 kVA
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Section 3: Present Site Conditions

Sr. No.	Name of Buildings	Configuration As per Ec	No. of Buildings	Current Status
1.	A,B,C	B+G+3P+17 Floors	1	Under Construction
4.	Club House	G+ 1	1	Proposed

Section 4: Post Environment Clearance Compliance Report

The proposal has been considered by SEIAA in its 238th (Day 2) meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subjected to implementation of the following terms and conditions:

Sr. No.	EC Conditions	Compliance Status
Specific Conditions		
SEAC Conditions		
I.	It is noted that, the project will have the potable water through tankers; PP to add this information in his all document like RERA, Advertisement of the Project, agreement etc.Also PP to submit the water tanker agreement. Local body to ensure that, No occupation certificate should be issued unless project has sustainable water Supply.	Noted and shall be complied
II.	PP to submit the superimposed layout plan on DP plan.	We have presented reply to the same in 238 th SEIAA Meeting dated 16.02.2022.
III.	PP to submit the debris disposal plan along with approval.	Condition is noted and complied. We 238 th have presented reply to the same in SEIAA Meeting dated 16.02.2022. Attached same as Annexure -2.
IV.	PP to Submit the refugee area calculation.	We have presented reply to the same in 238 th SEIAA Meeting dated 16.02.2022
V.	PP to submit the swept path analysis report.	Condition is noted and we have presented in 238 th SEIAA Meeting.
VI.	PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.	We will be providing 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.
SEIAA Conditions		
I.	PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of	Condition is noted and shall be complied with.

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	suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.	
II.	PP to achieve at least 5% of total energy requirement from solar/other renewable sources.	We will comply the same.
III.	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-IA.III dt.04.01.2019.	We will comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
IV.	SEIAA after deliberation decided to grant EC for – FSI-20294.21m ² , Non-FSI-13524.61m ² , Total BUA-33818.82m ² . (Plan approval- File no BP/EC/Wakad, 10/2021dated-31.08.2021)	Condition is noted & agreed.
General Conditions		
a) Construction Phase :-		
I.	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	The solid waste is segregated and recyclable material is sold to recyclers and inert material will be used for site leveling.
II.	Disposal of muck, Construction spoils, including bituminous material 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 the approved sites with the approval of competent authority.	All construction waste is collected and segregated properly at site and most of it will be reused for construction activity.
III.	Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	Paint & used oil would be generated at site which will be disposed through MPCB authorized vendors.
IV.	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Drinking water is provided for laborers on site, Waste water generated is disposed of through urinals connected with septic tank
V.	Arrangement shall be made that waste water and storm water do not get mixed.	Separate drainage and storm water system / network will be provided to ensure wastewater and storm water do not get mixed.

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VI.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices	We are using tanker water for construction. Still, we will reduce the water demand during construction by adopting suggested measures.
VII.	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	Condition is noted.
VIII.	Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.	We are not using ground water. In case of requirement we will obtain permission to withdraw ground water from competent authority.
IX.	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	We are using low flow fixtures in toilets to minimize wastage of water.
X.	The Energy Conservation Building code shall be strictly adhered to.	Energy Conservation Building code shall be strictly adhered to.
XI.	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Yes, we are storing excavated topsoil, same shall be used for horticulture / landscape development within the project site.
XII.	Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	Construction debris will be used for base preparation of the road and for site leveling.
XIII.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Soil testing was done, according to reports all the parameters are within limit and Monitoring reports are attached as Annexure 3 . The practice shall be continued throughout the construction phase to ensure that there is no threat to ground water.
XIV.	PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.	Condition is noted & agreed.
XV.	The diesel generator sets to be used during construction phase should be low Sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.	We are using low sulphur diesel type DG during construction phase and it confirms to Environment (Protection) rules prescribed for Air and Noise emission standards.
XVI.	PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.	Condition is noted and agreed.

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XVII.	Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.	Construction vehicles are been checked for PUC certificate before entry.
XVIII.	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.	Care has been taken to maintain the noise level within limits at site. Construction activities are limited to daytime only. Noise shields are provided for heavy construction equipment's. PPE is provided to labours.
XIX.	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	DG set is provided for power back up during Construction phase. DG set is provided with silencer and acoustic enclosures. Stack is provided as per MPCB norms.
XX.	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell /designated person.	Dedicated site engineer and supervisory staff is appointed to take care of the monitoring and overall implementation.
B) Operation phase:-		
I.	a) The solid waste generated should be properly collected and segregated. b) Wet waste should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	We are ready to follow the following practices on site. a) The solid waste generated shall be properly collected and segregated. b) Wet waste will be treated by organic waste converter and compost will be utilized in the existing premises for gardening. c) Dry/inert waste shall disposed of to the approved sites for land filling after recovering recyclable material.
II.	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	An agreement with SWACH is made for disposal of E- waste and copy of same is attached as an Annexure 4 .

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III.	a)The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100% treatment to sewage/Liquid waste and explore the possibility to recycle at least 50% of water, Local authority should ensure this.	The treated sewage will be used for flushing & gardening purpose. Discharge of unused treated affluent shall conform to the norms of MPCB.
IV.	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement.	Yes we will ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings
V.	The occupancy certificate shall be issued by the local planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	Condition is noted and we will comply the same.
VI.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Condition is noted, all parking will be internalized and no public space shall be utilized.
VII.	PP to provide adequate electric charging points for electric vehicles (EVs).	Condition is noted.
VIII.	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/Agricultural Dept.	We will develop Green belt as per Local planning authority as they have set up a garden department to ensure compliance guidelines.
IX.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Environment Management cell is prepared for implementation of the environmental safeguards.
X.	Separate funds shall be allocated for implementation of environmental protection	Separate funds have been allocated for implementation of environmental

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	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.	protection measures/EMP, copy of same is attached as Annexure 5 .
XI.	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra pollution control board and may also be seen at website at http:// parivesh.nic.in	Advertisement was published in Marathi and English Newspaper. The copy of same is attached as Annexure 6 .
XII.	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard and soft copies to the MPCB and this department, on 1 st June and 1 st December of each calendar year.	Condition is noted and is complied..
XIII.	A copy of the clearance letter shall be sent by proponent to the concerned Municipal corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Condition noted.
XIV.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MoEF, the respective zonal office of CPCB and the SPCB. The criteria pollutant levels namely, SPM, RSPM, 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.	Condition is noted.
C) General EC Conditions:-		
I.	PP has to strictly abide by the conditions stipulated by SEAC & SEIAA.	We will strictly abide by the conditions stipulated by SEAC & SEIAA.
II.	If applicable consent for Establishment shall be obtained from Maharashtra Pollution Control	Consent for Establishment' from Maharashtra Pollution Control Board

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	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.	is obtained on 17/06/2022, a copy of the same is attached as an Annexure 7.
III.	Under the provisions of Environment (protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	Condition is noted and agreed. We have obtained Environmental Clearance before starting construction for our Project, copy of EC attached as Annexure 1.
IV.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal office of CPCB and the SPCB.	Yes, we are complying the same.
V.	The environmental statement for each financial year ending 31 st 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 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.	We will submit Form – V for every financial year.
VI.	No further expansion or modifications, other than mentioned in the EIA notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Condition is noted & agreed.
VII.	This environmental clearance is issued subject to obtaining NOC from forestry & wild life angle including clearance does not necessarily implies that forestry & wild life as if applicable & wild life clearance granted to the project which will be considered separately on merit.	No NOC is required from the Forestry & Wildlife board as there is no forest land in the vicinity.
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	Condition is noted.

Six Monthly Compliance Report of M/s Shivdan Construction

	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	The Environmental Clearance is issued purely from an environment point of view without prejudice to any court cases and all other applicable permissions/ NOCs shall be obtained before starting proposed work at site.	Condition is noted .
6	In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.	Condition is noted & agreed
7	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time.	Condition is noted & agreed.
8	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act. 1974, the Air (Prevention and Control of Pollution) Act. 1981. The Environment (Protection) Act. 1986 and rules there under. Hazardous Wastes (Management and Handling) Rules. 1989 and its amendments, the public liability Insurance Act, 1991 and its amendments.	Condition is noted & agreed.
9	Any appeal against this environmental clearance shall lie with the National Green Tribunal (western zone Bench, Pune), New Administrative Building, 1 st Floor, D-Wing, Opposite council Hall, Pune, if preferred, within 30 days as prescribed, within 30 days as prescribed under section 16 of the National Green Tribunal, Act, 2010.	Condition is noted & agreed

Section 5: Monitoring and Analysis

Monitoring of Air quality, Water quality, Soil quality, Noise level at construction site.

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Monitoring was done and samples were collected as per standard norms. All samples were analyzed in NABL accredited laboratory. The details of sampling parameters were given in following table.

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

Monitoring results are attached as **Annexure 3** which indicates that parameters of all environmental components are within standard limit and there is no pollution at site.



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

To,

The Partner
 SHIVDAN CONSTRUCTIONS
 722, Moti Hights, New Tapkir galli, Budhwar Peth, Pune -411002

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/MH/MIS/229680/2021 dated 16 Sep 2021. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|--|
| 1. EC Identification No. | EC22B038MH114389 |
| 2. File No. | SIA/MH/MIS/229680/2021 |
| 3. Project Type | New |
| 4. Category | B2 |
| 5. Project/Activity including Schedule No. | 8(a) Building and Construction projects |
| 6. Name of Project | Proposed Residential cum Commercial project at S.no. 34/1/B, 36/3/1, Taluka-Mulshi, Village- Wakad, Pune, Maharashtra by M/s. Shivdan Construction through Partner Mr. Mukesh Shivandas Jethwani |
| 7. Name of Company/Organization | SHIVDAN CONSTRUCTIONS |
| 8. Location of Project | Maharashtra |
| 9. TOR Date | N/A |

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

Date: 13/03/2022

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

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/229680/2021
Environment & Climate
Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s. Shivdan Construction,
(Through Mr. Mukesh Shivandas Jethwani),
S.no. 34/1/B, 36/3/1, Village- Wakad,
Taluka- Mulshi, Pune

Subject : Environment Clearance for Proposed Residential cum Commercial Construction Project at S.no. 34/1/B, 36/3/1, Village- Wakad Taluka- Mulshi, Pune, Maharashtra by M/s. Shivdan Construction through Partner Mr. Mukesh Shivandas Jethwani

Reference : Application no. SIA/MH/MIS/229680/2021

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-3 in its 130th meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 238th (Day-2) meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

1.	Proposal Number	Proposal No. SIA/MH/MIS/229680/2020	
2.	Name of Project	Proposed Residential cum Commercial project at Sr. No. 34/1/B, 36/3/1, Village - Wakad, Taluka- Mulshi, Pune, Maharashtra.	
3.	Project category	8(a), B2	
4.	Type of Institution	Private	
5.	Project Proponent	Name	M/s Shivdan Constructions through Partner Mr. Mukesh Shivandas Jethwani
		Regd. Office address	M/s. Shivdan Constructions through Partner Mr. Mukesh Shivandas Jethwani Shivdan Construction, Room no. 1, Ground floor, Moti Height, New Tapkir Galli, Budhwar Peth, Near Kasba Ganpati
		Contact number	9822027701
		e-mail	shivdanconstructions@gmail.com

6.	Consultant	Sneha Hi-Tech Products Pvt. Ltd. Certificate No. NABET/EIA/1619/IA0028 dated 01.03.2022				
7.	Applied for	Environment Clearance for Proposed Residential Commercial project				
8.	Details of previous EC	NA, it is a fresh project				
9.	Location of the project	Sr. No. 34/1/B, 36/3/1, Village - Wakad, Taluka-Mulshi, Pune, Maharashtra.				
10.	Latitude and Longitude	Latitude: 18°35', 17.18"N, Longitude: 73°45'15.90"E				
11.	Total Plot Area (m ²)	8,900				
12.	Deductions (m ²)	3,845.62				
13.	Net Plot area(m ²)	5,054.38				
14.	Proposed FSI area(m ²)	20,294.21				
15.	Proposed non-FSI area (m ²)	13,524.61				
16.	Proposed TBUA (m ²)	33,818.82				
17.	TBUA(m ²) approved by Planning Authority till date	33,818.82				
18.	Ground coverage (m ²) & %	1452.90 m ² (28.74 %)				
19.	Total Project Cost (Rs.)	Rs 89.2443 Crores				
20.	CER as per MoEF & Circular Dated 01/05/2018	Activity	Location	Cost(Rs.)	Dur ation	
-						
21.	Details of Building Configuration: <Please use following legends: Floor=F, Parking=Pk, Podium=Po, Stilt=St, Lower Ground=LG, Upper Ground=UG, Basement=B, Shops=Sh>					Reason for Mod ifica tion/ Change
	Previous EC/ Existing Building			Proposed Configuration		
	Building Name	Configuration	Height (m)	Building Name	Configuration	Height (m)
	-	-	-	BuildingA	B + G + 3P + 17 floors	66.1 m
	-	-	-	BuildingB	B + G + 3P + 17 floors	66.1 m
	-	-	-	BuildingC	B + G + 3P + 17 floors	66.1 m
				Club House	G + 1 floor	8.6 m

22.	Total number of tenements			Tenements-Residential: 204 nos. Commercial: 731.19 sq.m	
				Users- Residential: 1020nos. Commercial: 244 nos. Total: 1264 nos.	
23	Water Budget	Dry Season (CMD)		Wet Season (CMD)	
		Fresh Water	98	Fresh Water	98
		Recycled water		Recycled water	
		Recycled water - (flushing)	51	Recycled water - (flushing)	51
		HVAC	0	HVAC	0
		Recycled water - (Gardening)	7	Recycled water - (Gardening)	0
		Swimming Pool	1.1	Swimming Pool	1.1
		Total	157	Total	
		Waste water Generation	139	Waste water generation	139
24	Water Storage Capacity for Firefighting/UGT(m ³)	Purpose			
			Residential		
		Domestic	Domestic water tank-90m ³ Domestic water tank (Commercial) - 10 m ³		
		Firefighting	Fire Tank 1- 300 m ³ Fire Tank 2-300 m ³		
		Raw water	50 m ³		
25	Source of water	PCMC/Tanker water			
26	Rainwater Harvesting (RWH)	Level of the Ground water table:	Summer Season – 13.00 m. to 17.33 m. BGL. (15.17 M.Average)		
			Rainy Season – 5.00 m. to 8.00 BGL. (6.50 M. Average) Winter Season – 9.00 m. to 12.67 m. BGL. (10.84 M.Average)		
		Size and no. of RWH tank(s) and Quantity:	NA		
		Quantity and size of recharge pits:	02 nos, 2.00 m x 2.00 m x 1.75m 02 nos, 2.00 m x 2.00 m x 1.25m		
		Details of UGT tanks if any:	NA		
27	Sewage and Waste water	Sewage generation in CMD:	139		
		STP technology:	MBBR		
		Capacity of STP (CMD):	140		
28	Solid Waste Management during	Type	Quantity(kg/d)	Treatment/disposal	
		Dry waste:	7.5 kg/day	It was segregated and handed over to authorized vendor	

	Constructi onPhase	Wet waste:	5 kg/day	It was disposed off through Municipal waste collection system.
		Construction waste	At actual	Utilized on siteat maximum extent. Rest handed over to localbody
29	Solid Waste Management during Operation Phase	Type	Quantity(kg/d)	Treatment/ disposal
		Dry waste:	241 kg/day	Handed over to Authorized Agency
		Wet waste:	330 kg/day	Treated in OWC
		Hazardous waste:	-	-
		Biomedical waste	-	-
		E-Waste	560.8 kg/annum	Handed over to Authorized recycler for further handling& disposal purpose.
		STP Sludge (dry)	21 kg/day	Used as manure for gardening
30	Green Belt Development	Total RG area (m²):		722.84 m²
		Existing trees on plot:		0 nos.
		Number of trees to be planted:		73 nos.
		Number of trees to be cut:		0 nos.
		Number of trees to be transplanted:		0 nos.
31	Power	Source of power supply:		MSEDCL
		During Construction Phase (Demand Load):		230 kW
		During construction phase - DG set		100 KVA
		During Operation phase (Connected load):		1953 kW
		During Operation phase(Demand load):		776 KW
		Transformer:		2 x 500 KVA
		DG set:		1 x 500 KVA
		Fuel used:		HSD
32	Details of Energy saving		10.09 % of Total Energy Saving.	
33	Environmental Management plan budget during Construction phase			
		Sr. No.	Details	Cost(Rs.) Lakhs

			1	Capital Cost-Site Barricading, Personal Protective Equipment, Site Sanitation- Mobile toilets& Debris Management	15
			2	O & M cost	
			1	Water for Dust Suppression	2
			2	Site Sanitation , Disinfection & Safety	1.5
			3	Environmental Monitoring	2
			4	Health Check up	5
			5	Environment Management Cell	8.04
			6	Total	33.54
34	Environmental Management plan Budget during Operation phase	Component	Detail	Capital Cost (Rs.)	O&M (Rs. Lakhs/Y)
		Sewage treatment	STP Operation and its maintenance	30	12
		RWH	Recharging existing ground water table	5.0	0.2
		Swimming Pool	Construction of swimming pool	5.0	0.60
		Solid Waste	Collection Segregation and management of MSW	13.5	3.23
		Hazardous waste	-	NA	NA
		Green belt development	Plantation of new trees and maintenance of existing trees	9.8	4.08
		Environmental Monitoring	To monitor sustainability of Environmental Infrastructure	-	4
		Energy savings	Energy savings measures	27.0	1.0
		Disaster Management cost	Emergency preparedness plan to develop and implement onsite	75	15
		Biomedical Waste Management	Handling segregation and management of waste like mask, shields, PPE kits etc.	--	1.5
		Total		165.3	41.61
35	Traffic Management	Required as per DCR		Actual Provided	Area per parking (m²)
	4-Wheeler	150		161	Basement –
	2-Wheeler	582		620	41

	Cycle	-	-	Lower Ground – 59 Podium -43
36.	Details of Court cases/ litigations w.r.t. the project and project location if any.	No		

3. Proposal is new construction project. Proposal has been considered by SEIAA in its 238th (Day-2) meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

A. SEAC Conditions-

1. It is noted that, the project will have the potable water through tankers; PP to add this information in his all documents like RERA, Advertisement of the project, agreement etc. Also PP to submit the water tanker agreement. Local body to ensure that, No Occupation Certificate should be issued unless project has sustainable water supply.
2. PP to submit the superimposed layout plan on DP plan.
3. PP to submit the debris disposal plan along with approval.
4. PP to submit the refugee area calculation.
5. PP to submit the swept path analysis.
6. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.

B. SEIAA Conditions-

1. PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.
2. PP to achieve at least 5% of total energy requirement from solar/other renewable sources.
3. PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
4. SEIAA after deliberation decided to grant EC for – FSI-20294.21 m², Non-FSI-13524.61 m², Total BUA-33818.82 m². (Plan approval-BP/EC/Wakad/10/2021, dated-31.08.2021).

General Conditions:

a) Construction Phase :-

- I. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. Disposal of muck, Construction spoils, including bituminous material during construction phase should not create any adverse effect on the neighbouring

communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in the approved sites with the approval of competent authority.

- III. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- IV. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- V. Arrangement shall be made that waste water and storm water do not get mixed.
- VI. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.
- VII. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- VIII. Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- IX. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- X. The Energy Conservation Building code shall be strictly adhered to.
- XI. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- XII. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- XIII. Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- XIV. PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.
- XV. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- XVI. PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.
- XVII. Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.
- XVIII. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
- XIX. Diesel power generating sets proposed as source of backup power for elevators and

common area illumination during construction phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.

- XX. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell /designated person.

B) Operation phase:-

- I. a) The solid waste generated should be properly collected and segregated. b) Wet waste should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
- III. a) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100 % treatment to sewage /Liquid waste and explore the possibility to recycle at least 50 % of water, Local authority should ensure this.
- IV. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement.
- V. The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
- VI. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- VII. PP to provide adequate electric charging points for electric vehicles (EVs).
- VIII. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- IX. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- X. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part

of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes.


- XI. The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://parivesh.nic.in>
- XII. Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
- XIII. A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- XIV. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, 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.

C) General EC Conditions:-

- I. PP has to strictly abide by the conditions stipulated by SEAC & SEIAA.
- II. If applicable "Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
- III. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
- IV. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- V. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
- VI. No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.

VII. This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
5. This Environment Clearance is issued purely from an environment point of view without prejudice to any court cases and all other applicable permissions/ NOCs shall be obtained before starting proposed work at site.
6. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.
7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time.
8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
9. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


Manisha Patankar / Manisha Patankar
(Member Secretary, SEIAA) 11/3/2022

Copy to:

1. Chairman, SEIAA, Mumbai.
2. Secretary, MoEF & CC, IA- Division MOEF & CC
3. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
4. Regional Office MoEF & CC, Nagpur
5. District Collector, Pune.
6. Commissioner, Pimpri Chinchwad Municipal Corporation
7. Regional Officer, Maharashtra Pollution Control Board, Pune.

Report No:- GCI/V/Lab/EM-SP/23-24/May-00/0342

Date: 16/05/2023

ANALYSIS REPORT

Client details		Sample Details	
Name	M/s. Shivdan Construction	Sample Code	GCI/V/23/SC/AA1
Address	S.NO. 34/1/B, 36/3/1, Village- Wakad, Taluka- Mulshi, Pune	Location	NEAR SECURITY GATE
		Date of Sampling	06/05/2023
Sampling Done By	Mr. Mukesh	Date of Sample Received	08/05/2023
Analysis Starts On	08/05/2023	Sampling Instrument	RDS, FPS
Analysis Completion On	15/05/2023	Sampling Method	IS 5182 : Part 5 : 1975

AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1	Particulate Matter (PM ₁₀)	µg/m ³	68.5	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM _{2.5})	µg/m ³	52.9	60	NAAQS Guidelines
3	Sulphur dioxide (SO ₂)	µg/m ³	35.7	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO _x)	µg/m ³	26.5	80	IS 5182 : Part 6 : 2006
5	Carbon Monoxide CO	mg/m ³	0.81	2.0	IS 5182 : Part 10 : 1999
6	Ozone as O ₃	µg/m ³	21.9	100	NAAQS Guidelines
7	Lead as Pb	µg/m ³	BDL (<0.1)	1.0	NAAQS Guidelines
8	Nickel as Ni	ng/m ³	BDL (<1)	20	NAAQS Guidelines
9	Arsenic as As	ng/m ³	BDL (<1)	6.0	NAAQS Guidelines
10	Ammonia as NH ₃	µg/m ³	5.6	400	NAAQS Guidelines
11	Benzene , C ₆ H ₆	µg/m ³	BDL (<0.01)	5.0	IS 5182 (Part 11):2006
12	Benzo (a) Pyrene	ng/m ³	BDL (<0.1)	1.0	Gas Chromatography



Authorized Signatory

CORP. OFFICE & R & D : Green Empire (Anupushpam), Above AXIS Bank, Nr. Yash Complex, Gotri Main Road, Vadodara - 390 021 (Gujarat), INDIA.
Tel.: +91 - 265 - 2371269 Cell: +91 93285 83835 Email: info@greencircleinc.com Website: www.greencircleinc.com

ALSO AT :
NEW DELHI GOA PUNE BENGALURU U.K. HYDERABAD KOLKATA DHARWAD MUMBAI PORT BLAIR
OVERSEAS :
AUSTRALIA OMAN KUWAIT AFRICA VIETNAM BANGLADESH MYANMAR SRI LANKA UAE

Report No:- GCI/V/Lab/EM-SP/23-24/May-00/0342

Date: 16/05/2023

ANALYSIS REPORT

Client details		Sample Details	
Name	M/s. Shivdan Construction	Sample Code	GCI/V/23/SC/AA2
Address	S.NO. 34/1/B, 36/3/1, Village-Wakad, Taluka- Mulshi, Pune	Location	SOUTHWEST CORNER OF SITE
		Date of Sampling	06/05/2023
Sampling Done By	Mr. Mukesh	Date of Sample Received	08/05/2023
Analysis Starts On	08/05/2023	Sampling Instrument	RDS, FPS
Analysis Completion On	15/05/2023	Sampling Method	IS 5182 : Part 5 : 1975

AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1	Particulate Matter (PM ₁₀)	µg/m ³	89.5	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM _{2.5})	µg/m ³	55.8	60	NAAQS Guidelines
3	Sulphur dioxide (SO ₂)	µg/m ³	26.8	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO _x)	µg/m ³	22.8	80	IS 5182 : Part 6 : 2006
5	Carbon Monoxide CO	mg/m ³	0.28	2.0	IS 5182 : Part 10 : 1999
6	Ozone as O ₃	µg/m ³	20.1	100	NAAQS Guidelines
7	Lead as Pb	µg/m ³	BDL (<0.1)	1.0	NAAQS Guidelines
8	Nickel as Ni	ng/m ³	BDL (<1)	20	NAAQS Guidelines
9	Arsenic as As	ng/m ³	BDL (<1)	6.0	NAAQS Guidelines
10	Ammonia as NH ₃	µg/m ³	2.8	400	NAAQS Guidelines
11	Benzene , C ₆ H ₆	µg/m ³	BDL (<0.01)	5.0	IS 5182 (Part 11):2006
12	Benzo (a) Pyrene	ng/m ³	BDL (<0.1)	1.0	Gas Chromatography



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Report No:- GCI/V/Lab/EM-SP/23-24/May-00/0342

Date: 16/05/2023

ANALYSIS REPORT

Client details		Sample Details	
Name	M/s. Shivdan Construction	Sample Code	GCI/V/23/SC/AA3
Address	S.NO. 34/1/B, 36/3/1, Village-Wakad, Taluka- Mulshi, Pune	Location	NORTHEAST CORNER OF SITE
		Date of Sampling	06/05/2023
Sampling Done By	Mr. Mukesh	Date of Sample Received	08/05/2023
Analysis Starts On	08/05/2023	Sampling Instrument	RDS, FPS
Analysis Completion On	15/05/2023	Sampling Method	IS 5182 : Part 5 : 1975

AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	88.8	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	56.3	60	NAAQS Guidelines
3.	Sulphur dioxide (SO ₂)	µg/m ³	29.8	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	19.0	80	IS 5182 : Part 6 : 2006
5.	Carbon Monoxide CO	mg/m ³	0.36	2.0	IS 5182 : Part 10 : 1999
6.	Ozone as O ₃	µg/m ³	30.5	100	NAAQS Guidelines
7.	Lead as Pb	µg/m ³	BDL (<0.1)	1.0	NAAQS Guidelines
8.	Nickel as Ni	ng/m ³	BDL (<1)	20	NAAQS Guidelines
9.	Arsenic as As	ng/m ³	BDL (<1)	6.0	NAAQS Guidelines
10.	Ammonia as NH ₃	µg/m ³	2.2	400	NAAQS Guidelines
11.	Benzene , C ₆ H ₆	µg/m ³	BDL (<0.01)	5.0	IS 5182 (Part 11):2006
12.	Benzo (a) Pyrene	ng/m ³	BDL (<0.1)	1.0	Gas Chromatography



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Report No:- GCI/V/Lab/EM-SP/23-24/May-00/0342

Date: 16/05/2023

ANALYSIS REPORT

Client Details		Sample Details	
Name	M/s. Shivdan Construction	Sample Code	GCI/V/23/SC/N1-N3
Address	S.NO. 34/1/B, 36/3/1, Village-Wakad, Taluka- Mulshi, Pune	Location	As per table
		Quantity	NA
		Date of Measurement	06/05/2023
		Sampling Instrument	Sound Level Meter (HTC/SL-1352)
Measurement Done By	Mr. Mukesh	Sampling Method	HTC/SL-1352 Inst. Manual

NOISE MONITORING RESULTS

Sr. No.	Location Name	Units	Day Time		Night Time	
			Results	MPCB Permissible Limit	Results	MPCB Permissible Limit
1.	Near Security Gate	dB (A)	46.5	55	37.9	45
2.	Southwest Corner of the Site	dB (A)	53.9	55	37.8	45
3.	Northeast Corner of the Site	dB (A)	52.5	55	43.6	45

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



Authorized Signatory

Report No:- GCI/V/Lab/EM-SP/23-24/May-00/0342

Date: 16/05/2023

ANALYSIS REPORT

Client Details		Sample Details	
Name	M/s. Shivdan Construction	Sample Code	GCI/V/23/SC/S1
Address	S.NO. 34/1/B, 36/3/1, Village-Wakad, Taluka- Mulshi, Pune	Location	SOIL – Project site
		Quantity	2.0 kg
Sampling Done By	Mr. Mukesh		
Analysis Starts on	08/05/2023	Date of Sampling	06/05/2023
Analysis Completion On	15/05/2023	Sample Received Date	08/05/2023

SOIL ANALYSIS RESULTS

Sr. No.	Parameter	Unit	Results	Test Procedure
1	pH (1:5 Soil Suspension)	-	6.9	IS 2720 (Part 26):1987
2	Electrical Conductivity (1:5 Soil Suspension)	mS/cm	0.59	EPA Method 9045
3	Total Nitrogen as N	mg/kg	66.8	Kjeldahl Method
4	Phosphate as P	mg/kg	61.7	Olsen Method
5	Potassium as K	mg/kg	221	EPA 3050 B
6	Exchangeable Calcium as Ca	meq/100g	21.9	EPA 3050 B
7	Exchangeable Magnesium as Mg	meq/100g	22.5	EPA3050 B
8	Exchangeable Sodium as Na	meq/100g	0.87	EPA3050 B
9	Organic Matter	%	1.38	Walkey and Black Method
10	Texture	-	Sandy Clay	Robinson Pipette Method

BDL =Below Detectable Limit

DL =Detectable Limit



Authorized Signatory

Report No:- GCI/V/Lab/EM-SP/23-24/May-00/0342

Date: 16/05/2023

ANALYSIS REPORT

Client Details		Sample Details	
Name	M/s. Shivdan Construction	Sample Code	
Address	S.NO. 34/1/B, 36/3/1, Village-Wakad, Taluka- Mulshi, Pune	Location	Municipal Water at Project Site
		Quantity	2000 ml
Sampling Done By	Mr. Mukesh	Date of Sampling	06/05/2023
Analysis Starts on	08/05/2023	Sampling Method	APHA 1060
Analysis Completion On	15/05/2023	Sample Received Date	08/05/2023

DRINKING WATER ANALYSIS RESULTS

Sr. No.	Parameter	Unit	Results	Permissible Limit as per IS 10500-2012	Reference Method
1	Colour	Hazen	Nil	5	APHA 22nd EDITION
2	Odour	-	No Odour	Unobjectionable	APHA 22nd EDITION
3	Taste	-	Agreeable	Agreeable	APHA 22nd EDITION
4	Turbidity	NTU	BDL (<0.5)	1	IS : 3025 Part 10-1984 (Reaff: 2002)
5	pH at 25 °C	-	6.6	6.5-8.5	IS : 3025 Part 11- 1983 (Reaff:2002)
6	Total Dissolved Solids	mg/l	258	500	IS : 3025 Part 16-1984 (Reaff:2003)
7	Total Alkalinity as CaCO ₃	mg/l	99	200	IS : 3025 Part 23- 986(Reaff:2003)
8	Total Hardness as CaCO ₃	mg/l	98	200	IS : 3025 Part 21-2009
9	Calcium as Ca	mg/l	66	75	IS : 3025 Part 40-1991 (Reaff:2003)
10	Magnesium as Mg	mg/l	29	30	APHA 22nd EDITION-3500 Mg-B
11	Chloride as Cl ⁻	mg/l	99	250	IS : 3025 Part 32-1988 (Reaff:2003)
12	Sulphate as SO ₄	mg/l	85	200	APHA 22nd EDN-4500- SO ₄ 2- E
13	Nitrate as NO ₃	mg/l	39	45	APHA 22nd EDN -4500- NO ₃ - B
14	Iron as Fe	mg/l	0.26	0.30	IS : 3025 Part 53-2003
15	Manganese as Mn	mg/l	BDL (<0.02)	0.10	APHA 22nd EDN -3500-Mn D
16	Fluoride as F	mg/l	0.49	1.00	APHA 22nd EDN -4500-F B&D
17	Lead as Pb	mg/l	BDL (<0.03)	0.05	IS:3025 Part 47 (Reaff:2003)
18	Copper as Cu	mg/l	BDL (<0.03)	0.05	IS:3025 Part 42 (Reaff:2003)
19	Zinc as Zn	mg/l	0.88	5.00	IS:3025 Part:49 (Reaff:2003)
20	Hexavalent Chromium as Cr ⁶⁺	mg/l	BDL (<0.03)	0.05	IS:3025 Part:37 (Reaff:2003)
21	Residual Free Chlorine as Cl ₂	mg/l	BDL (<0.10)	0.20	APHA 22nd EDN -4500-Cl B
22	Cadium as Cd	mg/l	BDL (<0.03)	0.003	IS:3025 Part 48(Reaff:2003)
23	Aluminium	mg/l	BDL (<0.03)	0.03	IS:3025 Part:55 (Reaff:2003)

BDL =Below Detectable Limit



Authorized Signatory

CORP. OFFICE & R & D : Green Empire (Anupushpam), Above AXIS Bank, Nr. Yash Complex, Gotri Main Road, Vadodara - 390 021 (Gujarat), INDIA.
Tel.: +91 - 265 - 2371269 Cell: +91 93285 83835 Email: info@greencircleinc.com Website: www.greencircleinc.com

ALSO AT :
NEW DELHI GOA PUNE BENGALURU U.K. HYDERABAD KOLKATA DHARWAD MUMBAI PORT BLAIR
OVERSEAS :
AUSTRALIA OMAN KUWAIT AFRICA VIETNAM BANGLADESH MYANMAR SRI LANKA UAE



महाराष्ट्र MAHARASHTRA

2021

BG 814727

अनु.क्र. 38728 दि. 10 DEC 2021 मु.शु.रक्कम 500

दस्तावा प्रकार Undertaking
दस्त नोंदणी करणार आहेत का ? होय/नाही.

मिळकतीचे वर्णन shivdan Construction
मुद्रांक घेणाऱ्याचे नांव Wakad Ponest
पत्ता Environment Dept

दुसऱ्या पक्षकाराचे नांव Omesh Shine Wakad
हस्ते व्यक्तीचे नांव व पत्ता

मुद्रांक विषय घेणाऱ्याची सही.

ज्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला त्यांनी त्याच कारणासाठी

मुद्रांक खरेदी केल्यापासून ६ महिन्यात वापरणे बंधनकारक आहे

संजय रंगनाथ चौधरी
परवाना क्र. 2209998
१८४, कसबा पेठ, पुणे-११.



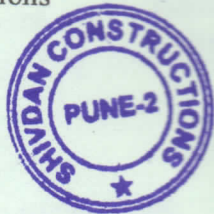
I, Mr. Mukesh Shivandas, Partner of M/s. Shivdan Constructions hereby declare that total debris generation from our proposed building construction project proposed at Survey No. 34/1/B, 36/3/1, Village Wakad, Taluka Mulshi, Pune, Maharashtra will be 17,007 m³. Out the total excavation quantity, 426 m³ top soil we will use for landscaping & 5347 m³ debris we will use for backfilling within our site. Remaining excess excavated debris of 11,233 m³ we will dispose as per Corporation's rule by paying the necessary royalty.

This undertaking is given as a part of document to be submitted to obtain Environmental Clearance of building construction project proposed at the above mentioned land.

Thanking you

M/s. Shivdan Constructions

(Authorized Signatory)



BEFORE ME

Mamta K. Shah

MAMTA K. SHAH
NOTARY
GOVT. OF INDIA
PUNE DISTRICT

NOTED AND REGISTERED

AT SR. NO. 16916/2021

DATE 10 DEC 2021





महाराष्ट्र MAHARASHTRA

2021

BG 814975

अनु.क्र. 3469 दि. 14 DEC 2021 मु.सुरक्षक SCOT
दस्तावा प्रकार Agreement
दस्त नोंदणी करणार आहेत का ? होय/नाही.
मिळकतीचे वर्णन Shivdan Constructions
मुद्रांक मिळत घेणाऱ्याचे नांव 722 Budhwar Peth - Pune
पत्ता Swachh Pune Seva Sahakari - Moti
दुसऱ्या पक्षाकाराचे नांव umesh shinde मकरपेठ
हस्तो द्यावतीचे नांव व पत्ता

मुद्रांक मिळत घेणाऱ्याची सही.

कारणासाठी ज्यांनी मुद्रांक खरेदी केल्या त्यांनी त्याच कारणासाठी
मुद्रांक खरेदी केल्यापासून 6 महिन्यात वापरणे बंधनकारक आहे

संजय रमनाथ चौधरी
परवाना क्र. 2209998
948, कसबा पेठ, पुणे - 411002

AGREEMENT

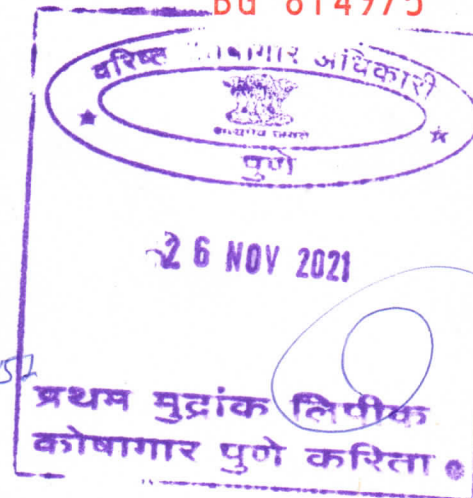
This Agreement ("Agreement") is entered into as on 14/12/2021

Between

M/s. **SHIVDAN CONSTRUCTIONS**, a registered Partnership Firm having its registered office at 722, MOTI HIGHTS, BUDHWAR PETH, PUNE - 411002, (herein after referred to as the "Developer") Party No.1

AND

SWACHH Pune Seva Sahakari Sanstha Maryadit, an autonomous fully owned cooperative of waste pickers in Pune which has its administrative office at 3rd Floor, Old Tilak Road Ward Office, Above SBI (Tilak Road Branch), Pune 411042 (herein after referred to as the "Party No. 2"), Party No.2



WHEREAS, the Developer/Party No.1 is developing/has developed a project under name and style of "M J OPERA" situated at 34/1/B,36/3/1, WAKAD, TALUKA MULSHI DIST. PUNE - 411057, (herein after referred to as the "said Site").

AND WHEREAS, the Developer requires professional services of a suitable agency to collect, recycle, and/or dispose of all the non-bio-degradable wastes, ("the said Wastes") resulting from the said Site on timely basis;

AND WHEREAS, Party No. 2 has assured the Developer that it can ensure the provision of such services through waste-picker members of the cooperative in accordance with local, state and central regulations;

AND WHEREAS relying on the assurances and representations made by Party No. 2, the Developer has requested the Party No. 2 to facilitate the collection, treating, disposing etc. of the dry and non-recyclable waste through its members for a period of 12 months from the date of execution hereof, which is accepted by the Party No. 2 subject to the terms and conditions mentioned hereinafter.

NOW THIS AGREEMENT WITNESSETH HEREAFTER

1. The Party No. 2 hereby agrees to ensure the collection through waste-pickers of non-bio-degradable waste (Quantity 241 Kg/Day, E waste – 60 Kg/Month) resulting from the said Site, for a period of 12 (twelve) months from the date of execution hereof, for such user-fees which shall be mutually agreed upon at time of commencement of service with waste-pickers. We ensure collection of E-waste from the site at a cost mutually decided.
2. This agreement may be renewed for a subsequent term of 12 months or more by mutual consent in writing based on such consideration as may be agreed at the time of renewal. The parties may amend this agreement in writing.
3. In consideration of receiving services of waste-collection and waste-management, the Developer agrees to pay such user fees to waste-pickers as maybe finalized with them at time of commencement of services directly or through such facilitation mechanisms as may be mutually agreed. The Developer shall ensure the timely payment of user fees to waste-pickers and /or shall ensure that the person/ entity in charge of administration of the site shall make such timely payments in case of transfer of administration / ownership to a CHS, Apartment Condominium etc. The Developer may be substituted as party to this Agreement by such person/entity on mutual consent in writing upon transfer of rights / administration of the Site.
4. Notices: Any notice required or permitted to be given under this Agreement shall be in writing, shall be deemed duly given if delivered in person or if sent by registered Post, return receipt requested, on the address stated hereinabove.
5. It is agreed by and between the Parties that either party shall be entitled to terminate this agreement by giving 30 days written notice to the other party. However, the services received from waste-pickers, before the cancellation of this contract, shall be settled in monetary terms with them forthwith.
6. All disputes shall be referred to sole arbitration of the chief executive officer or director of the Party No. 2. Arbitration proceedings shall be governed by the Arbitration and Conciliation Act, 1996. Arbitration shall take place in Pune, Maharashtra, India in English.
7. This agreement is subject to Indian Laws and any dispute arising out of the same shall be referred to the courts of appropriate jurisdiction within the city limits of Pune (Maharashtra, India) only.

IN WITNESS WHEREOF, the parties have signed this Agreement on the day and year first above written.

M/s. SHIVDAN CONSTRUCTIONS

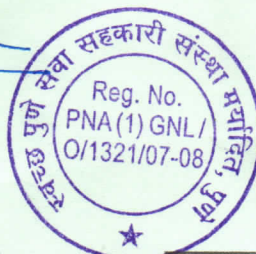
Through Mr. Mukesh S. Jethwani



(Developer)

SWaCH Cooperative,

Through Shakuntala Kokate



(Party No. 2)

Budget for Environment Management Plan

M /S. Shivdan Construction

Construction Phase:

Sr. No.	Parameter	Total cost in Lakhs per annum
1	Capital Cost -Site Barricading, Personal Protective Equipment, Site Sanitation-Mobile toilets & Debris Management.	15
2	O & M cost	
1	Water for Dust suppression	2
2	Site Sanitation, Disinfection & Safety	1.5
3	Environmental Monitoring	2
4	Health Check up	5
5	Environment Monitoring cell	8.04
7	Total Cost	33.54

Operation Phase:

Sr. No.	Pollution Control Measures	Capital Cost (Rs. Lakhs)	Recurring Cost Per Annum (Rs. Lakhs)
1.	STP	30	12
2.	Rain Water Harvesting	5.0	0.2
	Swimming Pool	5.0	0.60
3.	Solid Waste	13.5	3.23
4.	Green belt development	9.8	4.08
6.	Environmental Monitoring	-	4
5.	Energy saving	27.0	1.0
7.	Disaster Management cost	75	15
9.	Biomedical Waste Management	-	1.5
	Total	165.3	41.61

जाहीर नोटीस

आम्ही मे. शिवदन कन्स्ट्रक्शन सर्वसाधारण जनतेस कळवू इच्छितो की महाराष्ट्र शासनाच्या पर्यावरण विभागाने आमच्या सर्वे नं ३४/१/बी, ३६/३/१, गांव वाकड, तालुका मुळशी, पुणे महाराष्ट्र येथील गृह प्रकल्पाला दिनांक १३ मार्च २०२२ रोजी पत्र क्रं. EC22B038MH114389 अन्वये पर्यावरणाच्या दृष्टिकोनातून मान्यता दिली आहे. सदर मान्यता पत्राची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळाच्या कार्यालयामध्ये तसेच पर्यावरण विभाग, महाराष्ट्र शासन यांच्या रीजिस्ट्रार ऑफ फॅक्टरी एंड इन्डस्ट्रियल इम्प्लायमेंट या संकेतस्थळावर उपलब्ध आहे.

मे. शिवदन कन्स्ट्रक्शन

PUBLIC NOTICE

We, **M/s. SHIVDAN CONSTRUCTIONS** hereby bring to the kind notice of general Public that Environment Department, **Government of Maharashtra** has been accorded in Environmental Clearance for our Building and Construction Project located at plot bearing **Sr. No. 34/1/B, 36/3/1, Taluka- Mulshi, Village- Wakad, Pune, Maharashtra** vide letter dated **13 March 2022** bearing file No. **EC22B038MH114389** The copies of the clearance letter are available with Maharashtra Pollution Control Board and may also be seen on the Website of the Department of Environment, Government of Maharashtra at <http://parivesh.nic.in/>

M/s. SHIVDAN CONSTRUCTIONS

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24044532/4024068/4023516
Website: <http://mpcb.gov.in>
Email: jdwater@mpcb.gov.in



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

Infrastructure/RED/L.S.I

No:- Format1.0/JD (WPC)/UAN No.0000134064/CE/2206000858

Date: 17/06/2022

To,
'CTE' for "Residential and commercial
project by M/s Shivdan Constructions
through Partner Mr. Mukesh Shivandas
Jethwani,34/1/B, 36/3/1,Wakad, Tal Mulshi,
Dist Pune



Your Service is Our Duty

Sub: Consent to Establish for Residential & commercial construction project under Red Category

Ref: Application submitted by SRO, Pimpri Chinchwad, Pune

Your application NO. MPCB-CONSENT-0000134064

For: grant of Consent to Establish 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:

1. The consent to Establish is granted for period upto commissioning of the project or five years whichever is earlier
2. The capital investment of the project is Rs.89.2443 Cr. (As per undertaking submitted by pp).
3. The Consent to Establish is valid for Residential & commercial construction project named as 'CTE' for "Residential and commercial project by M/s Shivdan Constructions through Partner Mr. Mukesh Shivandas Jethwani,34/1/B, 36/3/1,Wakad, Tal Mulshi, Dist Pune on Total Plot Area of 8,900 SqMtrs for proposed total construction BUA of 33818.82 SqMtrs as per EC granted dated 13.03.2022 including utilities and services.

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Environmental Clearance dtd 13.03.2022	8900.00	33818.82

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	139	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-500 kVA	01	As per Schedule -II

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

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Non Bio degradable waste	241 Kg/Day	Seregation	To Local Body
2	Bio degradable waste	330 Kg/Day	OWC & Composting/Biogas digester with composting	As Manure
3	STP Sludge	21 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	8	Ltr/M	Reprocessing	To Authoried 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. Project Proponent shall install online monitoring system for the parameter pH, SS, BOD and flow at the outlet of STP.
11. Project Proponent shall provide Organic waste digester with composting facility or biodigester with composting facility.
12. Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.
13. The project proponent shall make provision of charging of electric vehicles in atleast 40 % of total available parking area.
14. The project proponent shall take adequate measures to control dust emission and noise level during construction phase.
15. The Project proponent shall submit bank Guarantee of Rs 3,3,3904 (one term fees x 5 x Nos of years of violation). The same shall be forfeited as PP has taken effective step towards the construction as started excavation without obtaining consent to establish of the Board, thus violated the consent conditions.
16. The Project proponent shall submit Board Resolution in prescribed format within 15 days as PP has taken effective step towards the construction as started excavation without obtaining consent to establish of the Board, thus violated the consent conditions. PP shall submit Bank guarantee of Rs 2.0 lakhs towards submission of Board Resolution.
17. The Project Proponent shall comply with the Environmental Clearance obtained vide No SIA/MH/MIS/229680/2021 dtd 13.03.2022 for construction project having total plot area of 8900 Sqm and total construction BUA of 33818.82 Sqm as per specific condition of EC.

18. PP shall submit an affidavit in Boards prescribed format within 15 days regarding compliance of C to E & Environmental Clearance.

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	125000.00	TXN2203001977	14/03/2022	Online Payment

Balance fees of Rs.__ will be considered at the time of next renewal of consent

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.
 - They are directed to obtain and forfeit the bank guarantee of Rs 333904 from the PP
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 STP of 140 CMD capacity with MBBR Technology.
- 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	149.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- 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.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	DG set-500 kVA	Acoustic Enclosure	5.00	HSD 40.6 Ltr/Hr	1	SO ₂	19.44 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
-------------------------	---------------	------------------------

- 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:-**
- 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 E	Rs 10 Lakhs	15 Days	Compliance of Consent Conditions & EC Conditions	upto commissioning of the project	upto commissioning of the project
2	C to E	Rs 2.0 lakhs	15 Days	Towards submission of Board Resolution	upto commissioning of the project	upto commissioning of the project
3	C to E	Rs 333904	15 Days	Towards Compliance of Consent Conditions	upto commissioning of the project	upto commissioning of the project

** 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
1	C to E	Rs 333904	15 Days	Towards compliance of Consent Condiitons	Rs 333904	Violation of Consent Condiitions

BG Return details

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

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.

- 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.

This certificate is digitally & electronically signed.

