

20-05-2025

To,

The Director

Regional Office (West Central Zone),

Ministry of Environment, Forest and Climate Change,

Ground Floor, East wing, New Secretariat Building, Civil lines, Nagpur-440001

Subject: Half-yearly Compliance Report: Oct 2024 to Mar 2025

Project: Integrated Township "Forest Trail" at Village Bhugaon, Taluka-Mulashi, Pune, Maharashtra by Matrix Developers Pvt. Ltd.

Ref.: 1. SIA/MH/INFRA2/409646/2022 dated 18.05.2023
2. C to E UAN No.166103 Dated 10/11/2023
3. C to E UAN No.189312 dated 20/03/2024
4. Sectorwise C to O obtained vide UAN-207804, UAN-203436, UAN-205011, UAN-206990, UAN-206076, UAN-207839 dated 14.08.2024
5. C to O for Sector R12B, R26, R27 vide UAN-193799 dated 20.05.2024

Dear Sir,

We are submitting half-yearly Compliance Report (hard & soft copy) in respect of the stipulated terms and conditions of 'Prior Environmental Clearance' as specified in 'Environment Clearance' Notification Clause No. 10(ii).

Thanking you,

Yours faithfully,

For Paranjape Scheme (Construction) Ltd.



Authorized Signatory

Enclosure: 1. A hard copy of the compliance and monitoring report
2. A CD containing the same report

CC copy to: 1. Regional officer, Maharashtra Pollution Control Board, Pune (SRO-II)
2. Member Secretary, Maharashtra Pollution Control Board, Sion, Mumbai
3. Member Secretary, State Environmental Impact Assessment Authority, Govt. of Maharashtra, Mumbai

**M/s Paranjape Schemes (Construction)
Limited**

Environmental Clearance Compliance Report

October 2024 to March 2025

Proposed Expansion of Integrated Township “Forest trail”

at

Village Bhugaon, Taluka-Mulashi, Pune,
Maharashtra

**Environmental Clearance File No.: EC23B039MH147204
Dated 18th May 2023**

CONSULTANT



Mahabal Enviro Engineers Pvt. Ltd.

Engineers, Consultants, Environmental Monitoring Laboratory & Contractors

F-7, Road 21, MIDC Wagle Estate, Thane-400604. Phone:022-25823154
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COMPLIANCE STATUS OF EC CONDITIONS

**Environmental Clearance Letter No.: EC
EC23B039MH147204 Dated 18/05/2023**

Sr	Condition	Compliance	Anx	P
	SPECIFIC CONDITION			
A	SEAC Conditions:			
1.	PP to submit the undertaking that they will not cross the height of the highest building as sanctioned in approved ASML.	PP will provide undertaking confirming that the building height will not exceed the limit sanctioned in approved ASML		
2.	PP to submit details of zone-wise green belt development and water arrangement required for plantation.	PP will provide Zone-wise green belt details and water arrangement using treated STP water for plantation have been submitted.		
3.	PP to submit details of sustainable drinking water supply arrangements and submit copy of agreements etc. made to that effect.	PP will ensure sustainable drinking water supply and has submitted necessary agreements.		
4.	PP to provide electric charging facility by providing charging points at suitable places as per	PP will ensure charging points (AC/DC) are installed in line		

Sr	Condition	Compliance	Anx	P
	Maharashtra Electric Vehicle Policy, 2021. PP to ensure that this should be provided in AC/DC combination.	with the Maharashtra Electric Vehicle Policy, 2021.		
5.	PP to ensure that the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.	PP ensures that recycled or tanker water will be used during the construction phase, and drinking water will not be utilized.		
B	SEIAA Conditions:			
1.	This EC is restricted for Buildings H3-H4 up to 44.86 m height only as per CFO NOC. Further, EC is restricted for building no EC3, EH1, EA1, R16, R17, R29, R47, R48, EC1, H1-H2, M1-M5 up to 24 m height only.	PP ensures that the construction is being carried out strictly as per the EC and CFO NOC, with height restrictions duly adhered to for all specified buildings.		
2.	PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement	PP will provide the unpaved open space to ensure permeability of water.		

Sr	Condition	Compliance	Anx	P
3.	PP to achieve at least 5% of total energy requirement from solar/other renewable sources for proposed expansion.	PP will achieve 5% of energy from renewable sources.		
4.	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.	PP complies with the Environmental Clearance conditions.		
5.	SEIAA after deliberation decided to grant EC for – FSI – 6,39,631 m ² , Non FSI – 2,75,403 m ² , Total BUA – 9,13,033 m ² . (Plan approval No. BMU/CR no 1217/21-22/Mouza Bhagaon/S. No 16/1 & others, dated-10.08.2022) (Restricted as per appraisal)	PP complies with the granted area in the Environmental Clearance.		
	General Conditions			
A.	Construction Phase:			
I.	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of at the approved sites for landfilling after recovering recyclable material.	The solid waste generated during construction will be collected, segregated and disposed of by local vendor.		

Sr	Condition	Compliance	Anx	P
II.	Disposal of muck and construction spoils, - including bituminous material during the construction phase should not create any adverse effect on the neighbouring communities and be disposed of taking the necessary precautions for general safety and health aspects of people, only in the approved sites with the approval of the competent authority.	Debris generated during construction and demolition will be properly disposed of.		
III.	Any hazardous waste generated during the construction phase should be disposed of as per applicable rules and norms with the necessary approvals of the Maharashtra Pollution Control Board.	No hazardous waste will be generated during the construction phase.		
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.	Adequate drinking water and sanitary facilities will be provided for workers during the construction phase.		

Sr	Condition	Compliance	Anx	P
V.	Arrangements shall be made so that wastewater and stormwater do not get mixed.	PP will provide a separate pipeline for wastewater and stormwater.		
VI.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.	PP will use pre-mixed concrete to reduce the water demand.		
VII.	The groundwater level and its quality should be monitored regularly in consultation with the Ground Water Authority.	Groundwater will be monitored from a MoEF-recognized laboratory. ANNEXURE-VII	√	
VIII.	Permission to draw groundwater for construction of the basement if any shall be obtained from the competent Authority prior to construction/operation of the project.	PP will obtain permission for the withdrawal of groundwater.		
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.	A suitable system will be provided for drinking, flushing and showers.		
X.	The Energy Conservation Building Code shall be strictly adhered to.	PP strictly adheres to the Energy		

Sr	Condition	Compliance	Anx	P
		Conservation Building code.		
XI.	All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site.	Topsoil will be stored and used for horticulture and gardening.		
XII.	Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so- that the natural drainage system of the area is protected and improved.	The excavated soil will be used for backfilling and levelling to protect and improve the local drainage system while reducing the need for external material sourcing		
XIII.	Soil and groundwater samples will be tested to ascertain that there is no threat to groundwater quality by Teaching of heavy metals and other toxic contaminants.	Groundwater will be monitored from a MoEF-recognized laboratory. ANNEXURE-VII	√	
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.	PP strictly adheres to conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975.		

Sr	Condition	Compliance	Anx	P
XV.	The diesel generator sets to be used during the construction phase should be low Sulphur diesel type and 'should conform to Environment (Protection) Rules prescribed for air and noise emission standards.	DG sets with low Sulphur diesel and acoustic enclosure will be provided.		
XVI.	Vehicles hired for the transportation of Raw materials shall strictly comply the emission norms prescribed by the Ministry of Road Transport & Highways Department The vehicle shall be adequately covered to avoid spillage/leakages.	Vehicles with valid Pollution Under Control (PUC) certificates have been hired for transporting construction materials to the site, and they are checked for PUC compliance at the main gate.		
XVII.	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 the construction phase. Adequate measures should be made to reduce ambient air and noise levels during the construction phase, so as to conform to the	Ambient noise will be monitored from a MoEF-recognized laboratory. ANNEXURE-VII	√	

Sr	Condition	Compliance	Anx	P
	stipulated standards by CPCB/MPCB.			
XVIII.	Diesel power generating sets proposed as a source of backup power for elevators and common area illumination during the 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 sets with low Sulphur diesel and acoustic enclosure will be provided and conform to rules made under the Environment (Protection) Act, 1986.		
XIX.	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.	Environmental monitoring will be done by a MoEF-recognized laboratory.		
B.	Operation Phase:			
I.	The solid waste generated should be properly	The solid waste generated during		

Sr	Condition	Compliance	Anx	P
	collected and segregated. Dry/inert solid waste should be disposed of at the approved sites for landfilling after recovering recyclable material.	construction will be collected, segregated and disposed of by local vendor.		
II.	E-waste shall be disposed through Authorized vendor as per E-Waste (Management and Handling) Rule,2016.	PP ensures that E-waste shall be disposed of through an authorized vendor as per the 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	STP will be installed by a certified expert and will be submitted to the MPCB and Environment department.		

Sr	Condition	Compliance	Anx	P
	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.	PP ensures that completion of STP, MSW disposal facility, and green belt development will be as per Environmental Clearance granted.		
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.	PP will obtain an occupancy Certificate from the Local Planning Authority.		

Sr	Condition	Compliance	Anx	P
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.	No traffic congestion near the entry and exit points of the project site.		
VII.	PP to provide adequate electric charging points for electric vehicles (EVs).	Adequate electric charging points will be provided at the project site after the completion of the project.		
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.	Approximately 2,53,182 m ² area will be provided at the site and native plant species will be planted.		
IX.	A separate environment management cell with qualified staff shall be set up for the implementation of the stipulated environmental safeguards.	A separate environment management cell with qualified staff will be established for the implementation of environmental safeguards.		
X.	Separate funds shall be allocated for implementation of	Separate funds have been allocated for		

Sr	Condition	Compliance	Anx	P
	environmental protection measures/EMP along with item-wise breaks-up. These costs shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes.	implementation of environmental protection measures.		
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 parivesh.nic.in	PP has published an advertisement in English "INDIAN EXPRESS" and Marathi "Lokseva" newspapers. ANNEXURE-III	√	
XII.	A copy of the clearance letter shall be sent by the proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the	Environmental Clearance letter has been sent to Municipal Corporation and the local NGO.		

Sr	Condition	Compliance	Anx	P
	proposal. The clearance letter shall also be put on the website of the Company by the proponent.			
XIII.	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.	PP will regularly submit six-monthly reports on the status of compliance with the stipulated environmental conditions.		
C.	General EC Conditions			
I.	PP has to strictly abide by the conditions stipulated by SEAC & SEIAA.	PP has strictly abided by the conditions stipulated by SEAC & SEIAA.		

Sr	Condition	Compliance	Anx	P
II.	If applicable 'Consent for Establishment" shall be obtained from the Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	Consent to Establish No. Format1.0/CAC-CELL/UAN NO.0000189312/CE/2403002015 Dated on 20/03/2024. Attached as <u>ANNEXURE-V</u>	√	
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.	PP has already obtained the Environmental Clearance File No.: EC23B039MH147 204 Dated on 18/05/2023 Attached as <u>ANNEXURE-IV</u>	√	
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.	PP will regularly submit six-monthly reports on the status of compliance with the stipulated environmental conditions to the respective Regional Office of MoEF, Regional Office MPCB and Environment Department of State Government.		

Sr	Condition	Compliance	Anx	P
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 sent to the respective Regional Offices of MoEF by e-mail.	PP will submit the Form-V for each 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.	PP will not expand or modify the project without any prior Environmental Clearance.		

Sr	Condition	Compliance	Anx	P
VII.	This environmental clearance is issued subject to obtaining NOC from Forestry & Wildlife angle including clearance from the standing committee of the National Board for Wildlife as if applicable & this environmental clearance does not necessarily imply that Forestry & Wildlife clearance granted to the project will be considered separately on merit.	The project site does not fall under the Forest area.		
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.	No court case is pending against project.		
5.	This Environment Clearance is issued purely	PP has obtained the necessary		

Sr	Condition	Compliance	Anx	P
	from an environmental point of view without prejudice to any court cases and all other applicable permissions/ NOCs shall be obtained before starting proposed work at site.	permissions and NOCs before starting the proposed work.		
6.	In case of submission of false documents and non-compliance of stipulated conditions, the Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under the Environmental Protection Act, 1986.	PP complies with the conditions stipulated in Environmental Clearance.		
7.	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time.	Noted by PP.		
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,	PP will comply with the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the		

Sr	Condition	Compliance	Anx	P
	Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	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, 1% Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	PP will comply with this condition.		

CONDITIONS OF CONSENT TO ESTABLISH

**Consent order No: Format1.0/CAC-CELL/UAN
NO.0000189312/CE/2403002015 Dated on 20/03/2024**

Sr.	Condition	Compliance	Anx	P								
1.	The Consent to Establish is granted for a period up to the commissioning of a project or 05 years whichever is earlier.	Consent order No: Format1.0/CAC-CELL/UAN NO.0000189312/C E/2403002015 Dated on 20/03/2024.										
2.	The capital investment of the project is Rs.287.67 Cr. (As per undertaking submitted by pp).	PP has submitted the C.A. certificate.										
3.	<p>The Consent to Establish for Expansion is valid for Integrated Township project “Forest Trails” named as Paranjape Schemes (Construction) Ltd “Forest Trails”., Sr. No. 16, 19, 21, 35, 36, 38, 40, 44, 80, 83, 84, 85, 86, 88 to 103, 106, 112, 113, Village. Bhugaon, Tal. Mulshi, Dist. Pune on Total Plot Area of 7,66,913 Sq Mtrs for Total Construction BUA of 2,22,794 Sq Mtrs as per EC granted dated 18/05/2023 including utilities and services</p> <table><tr><th>Sr</th><th>Permissio n Obtained</th><th>Plot Area (m²)</th><th>BUA (m²)</th></tr><tr><td>1.</td><td>EC- dtd.</td><td>766913.</td><td>913033.0</td></tr></table>	Sr	Permissio n Obtained	Plot Area (m²)	BUA (m²)	1.	EC- dtd.	766913.	913033.0	PP complies with the area mentioned in Consent to Establish.		
Sr	Permissio n Obtained	Plot Area (m²)	BUA (m²)									
1.	EC- dtd.	766913.	913033.0									

Sr.	Condition				Compliance	Anx	P
		18/05/2023	00	0			
	2.	C to E- dtd. 25/09/2019	769195.00	498082.32			
4.	Conditions under water (P & CP)1974 Act for discharge of effluent:				60% of the treated domestic effluent will be reused for flushing, while the remaining will be discharged into the municipal sewer.		
	Sr	Description	Permitted CMD)	(In Standards to be achieved			
	1	Trade effluent	Nil	Nil			
	2	Domestic effluent	1269	As per Schedule-I	The treated sewage shall be 60% recycled for secondary purposes and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system.		
5.	Conditions under air (P& CP) Act,1981 for air emissions:				PP ensures that air emissions from DG Sets 4,315 kVA capacity comply		
	Stack No.	Description of Stack/source	Number of Stack	Standards to be achieved			

Environmental Clearance Compliance Report (October 2024 to March 2025)

Sr.	Condition				Compliance	Anx	P
	S-1 to S-2	DG Sets of 7.50 kVA x 02	02	As per Schedule-II	with the standards prescribed under Schedule-II of the Air (Prevention and Control of Pollution) Act, 1981.		
	S-3 to S-5	DG Sets of 15 kVA x 03	03	As per Schedule-II			
	S-6 to S-7	DG Sets of 20 kVA x 02	02	As per Schedule-II			
	S-8 to S-9	DG Sets of 35 kVA x 02	02	As per Schedule-II			
	S-10	DG Set of 45 kVA	01	As per Schedule-II			
	S-11 to S-12	DG Sets of 50 kVA x 02	02	As per Schedule-II			
	S-13 to S-15	DG Sets of 62.50 kVA x 03	03	As per Schedule-II			
	S-16 to S-17	DG Sets of 70 kVA x 02	02	As per Schedule-II			
	S-18	DG Set of 82.50 kVA	01	As per Schedule-II			
	S-19	DG Set of 100 kVA	01	As per Schedule-II			
	S-20 to S-23	DG Sets of 125 kVA x 04	04	As per Schedule-II			
	S-24	DG Set of 140 kVA	01	As per Schedule-II			
	S-25 to S-29	DG Sets of 160 kVA x 05	05	As per Schedule-II			
	S-30	DG Set of 180 kVA	01	As per Schedule-II			
	S-31 to S-34	DG Sets of 200 kVA x 04	04	As per Schedule-II			
	S-35 to S-37	DG Sets of 250 kVA x 03	03	As per Schedule-II			
	S-38	DG Set of 320 kVA	01	As per Schedule-II			
	S-39 to S-48	DG Sets of 500 kVA x 10	10	As per Schedule-II			
6.	Conditions under Solid Waste Rules, 2016				Wet waste will be converted into manure for the		

Sr.	Condition					Compliance	Anx	P
	Sr	Typ of waste	Quantity & UOM	Treatment	Disposal	garden after OWC treatment.		
	1	Bio-degradable waste	4036 kg/Day	OWC followed by composting facility.	Used as manure.	Dry waste will be segregated and handed over to an authorized vendor		
	2	Non-biodegradable waste	2734 kg/day	Segregation	Handed over to Auth Vendor.			
	3	STP Sludge	100 kg/day	Dewatering	Used as manure.			
7.	Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:					PP ensures that 500 Ltr/A of used oil (Cat. 5.1) is recycled through authorized preprocessors as per Hazardous Waste Rules, 2016.		
	Sr	Catgory No.	Quantity	UoM	Treatment	Disposal		
	1	5.1 Used or spent oil	500	Ltr/A	Recycle	Handed over to Auth.Reprocessor.		
8.	This Board reserves the right to review, amend, suspend, revoke etc. this consent and					PP will comply with the Environmental clearance conditions.		

Sr.	Condition	Compliance	Anx	P
	the same shall be binding on the industry.			
9.	This consent should not be constructed as exemption from obtained necessary NOC/permission from any other Government authorities.	PP has obtained the required NOC and permissions.		
10.	PP shall provide STP of adequate capacity to achieve the treated domestic effluent standard for the parameter BOD-10 mg/lit including disinfection facility.	PP will achieve the standard parameter.		
11.	The treated sewage 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/or connected to local body sewer line with water metering system.	PP ensures that 60% of treated sewage is recycled for secondary uses, and the remaining is used for gardening and/or discharged to the sewer line with a water metering system.		
12.	PP shall provide organic waste digester along with composting facility/bio-digester (biogas) for the treatment of wet garbage.	PP will provide OWC at the site.		
13.	PP shall make provision of charging ports for electric vehicles at least 30% of total available parking slots.	PP will provide a charging point in the parking area.		

Sr.	Condition	Compliance	Anx	P
14.	PP shall submit BG of Rs. 25 Lacs towards compliance of EC and Consent conditions.	PP shall submit a Bank Guarantee of Rs. 25 Lacs towards compliance of EC and Consent conditions.		

CONSENT SCHEDULE-I

Terms & Conditions for Compliance of Water Pollution Control

Sr	Condition	Compliance	Anx	P																								
1.	A] As per your application, you have proposed to provide MBBR-based Sewage Treatment Plants (STPs) of combined capacity 1620 CMD for treatment of domestic effluent of 1269 CMD.	PP has installed an STP with MBBR technology of 3,250 CMD capacity, as stated in the application.																										
	<div>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.</div> <table><tr><th>Sr No.</th><th>Parameters</th><th>Limiting Concentration not to exceed in mg/l, except for pH</th></tr><tr><td>1.</td><td>pH</td><td>5.5-9.0</td></tr><tr><td>2.</td><td>BOD</td><td>10</td></tr><tr><td>3.</td><td>COD</td><td>50</td></tr><tr><td>4.</td><td>TSS</td><td>20</td></tr><tr><td>5.</td><td>NH4 N</td><td>5</td></tr><tr><td>6.</td><td>N-total</td><td>10</td></tr><tr><td>7.</td><td>Fecal Coliform</td><td>Less than 100</td></tr></table>	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	PP will operate the STP as per applicable norms.		
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 effluents shall be 60% recycled for secondary purposes such	The treated water generated from STP will be																										

Sr	Condition	Compliance	Anx	P
	as toilet flushing, air conditioning, firefighting, on land for gardening etc and remaining shall be discharged in to the municipal sewerage system.	utilized for secondary purposes to the maximum extent and the remaining is discharged on open land for gardening within premises and the remaining will be		
	D] Project proponent shall operate STP for five years from the date of obtaining occupation certificate. The Board reserves its rights to review plans, Specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any constant conditions. The Applicant should obtain prior consent of the Board to take steps establish the unit or establish any treatment and disposal system or and extension or addition thereto	PP shall operate the STP for five years post-Occupation Certificate and obtain prior consent from the Board for any modifications to the treatment and disposal system.		
2.	The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks	PP has obtained prior Consent to Establish from MPCB.		

Sr	Condition	Compliance	Anx	P												
	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.	PP will replace the pollution control system before the expiry of its expected life.														
4.	<div>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.</div> <table><tr><th>Sr.</th><th>Purpose for water consumed</th><th>Water consumption quantity (CMD)</th></tr><tr><td>1.</td><td>Industrial Cooling, spraying in mine pits or boiler feed</td><td>0.00</td></tr><tr><td>2.</td><td>Domestic purpose</td><td>41.00</td></tr><tr><td>3.</td><td>Processing whereby water gets polluted &</td><td>0.00</td></tr></table>	Sr.	Purpose for water consumed	Water consumption quantity (CMD)	1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00	2.	Domestic purpose	41.00	3.	Processing whereby water gets polluted &	0.00	Water consumption will be under permissible limits.		
Sr.	Purpose for water consumed	Water consumption quantity (CMD)														
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00														
2.	Domestic purpose	41.00														
3.	Processing whereby water gets polluted &	0.00														

Sr	Condition	Compliance	Anx	P						
	<table><tr><td></td><td>pollutants are easily biodegradable</td><td></td></tr><tr><td>4.</td><td>Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic</td><td>0.00</td></tr></table>		pollutants are easily biodegradable		4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00			
	pollutants are easily biodegradable									
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.	Sewage Treatment Plant will be provided at the site.								

CONSENT SCHEDULE-II

Terms & Conditions for Compliance of Air Pollution Control:

Sr.	Condition	Compliance	Anx	P																																								
1.	<p>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-</p> <table><tr><th>Stack No.</th><th>Source</th><th>APC System provided/proposed</th><th>Stack height(In mtr)</th><th>Type of Fuel</th><th>Sulphur Content (in %)</th><th>Pollutant</th><th>Standard</th></tr><tr><td>S-1 to S-2</td><td>DG Sets of 7.50 kVAx 02</td><td>Acoustic Enclosure</td><td>0.55</td><td>HSD 3.12 Ltr/ Hr</td><td>1</td><td>SO₂</td><td>1.4976 Kg/Day</td></tr><tr><td>S-3 to S-5</td><td>DG Sets of 15 kVAx 03</td><td>Acoustic Enclosure</td><td>0.77</td><td>HSD 9.36 Ltr/ Hr</td><td>1</td><td>SO₂</td><td>4.4928 Kg/Day</td></tr><tr><td>S-6 to S-7</td><td>DG Sets of 20 kVAx 02</td><td>Acoustic Enclosure</td><td>0.89</td><td>HSD 8.32 Ltr/ Hr</td><td>1</td><td>SO₂</td><td>3.9936 Kg/Day</td></tr><tr><td>S-8 to S-9</td><td>DG Sets of 35 kVAx 02</td><td>Acoustic Enclosure</td><td>1.18</td><td>HSD 14.56 Ltr/ Hr</td><td>1</td><td>SO₂</td><td>6.9888 Kg/Day</td></tr></table>	Stack No.	Source	APC System provided/proposed	Stack height(In mtr)	Type of Fuel	Sulphur Content (in %)	Pollutant	Standard	S-1 to S-2	DG Sets of 7.50 kVAx 02	Acoustic Enclosure	0.55	HSD 3.12 Ltr/ Hr	1	SO ₂	1.4976 Kg/Day	S-3 to S-5	DG Sets of 15 kVAx 03	Acoustic Enclosure	0.77	HSD 9.36 Ltr/ Hr	1	SO ₂	4.4928 Kg/Day	S-6 to S-7	DG Sets of 20 kVAx 02	Acoustic Enclosure	0.89	HSD 8.32 Ltr/ Hr	1	SO ₂	3.9936 Kg/Day	S-8 to S-9	DG Sets of 35 kVAx 02	Acoustic Enclosure	1.18	HSD 14.56 Ltr/ Hr	1	SO ₂	6.9888 Kg/Day	4,315 kVA DG set will be provided with an Acoustic enclosure.		
Stack No.	Source	APC System provided/proposed	Stack height(In mtr)	Type of Fuel	Sulphur Content (in %)	Pollutant	Standard																																					
S-1 to S-2	DG Sets of 7.50 kVAx 02	Acoustic Enclosure	0.55	HSD 3.12 Ltr/ Hr	1	SO ₂	1.4976 Kg/Day																																					
S-3 to S-5	DG Sets of 15 kVAx 03	Acoustic Enclosure	0.77	HSD 9.36 Ltr/ Hr	1	SO ₂	4.4928 Kg/Day																																					
S-6 to S-7	DG Sets of 20 kVAx 02	Acoustic Enclosure	0.89	HSD 8.32 Ltr/ Hr	1	SO ₂	3.9936 Kg/Day																																					
S-8 to S-9	DG Sets of 35 kVAx 02	Acoustic Enclosure	1.18	HSD 14.56 Ltr/ Hr	1	SO ₂	6.9888 Kg/Day																																					

Environmental Clearance Compliance Report (October 2024 to March 2025)

Sr.	Condition								Compliance	Anx	P
	S-10	DG Set of 45 kVA	Acoustic Enclosure	1.34	HSD 9.36 Ltr/Hr	1	SO ₂	4.4928 Kg/Day			
	S-11 to S-12	DG Sets of 50 kVA x 02	Acoustic Enclosure	1.41	HSD 20.80 Ltr/Hr	1	SO ₂	9.984 Kg/Day			
	S-13 to S-15	DG Sets of 62.50 kVA x 03	Acoustic Enclosure	1.58	HSD 39 Ltr/Hr	1	SO ₂	18.72 Kg/Day			
	S-16 to S-17	DG Sets of 70 kVA x 02	Acoustic Enclosure	1.67	HSD 29.12 Ltr/Hr	1	SO ₂	13.9776 Kg/Day			
	S-18	DG Set of 82.50 kVA	Acoustic Enclosure	1.82	HSD 17.16 Ltr/Hr	1	SO ₂	8.2368 Kg/Day			
	S-19	DG Set of 100 kVA	Acoustic Enclosure	2.00	HSD 20.80 Ltr/Hr	1	SO ₂	9.984 Kg/Day			
	S-20 to S-23	DG Sets of 125 kVA x 04	Acoustic Enclosure	2.24	HSD 104 Ltr/Hr	1	SO ₂	49.92 Kg/Day			
	S-24	DG Set of 140 kVA	Acoustic Enclosure	2.37	HSD 29.12 Ltr/Hr	1	SO ₂	13.9776 Kg/Day			
	S-25	DG Sets	Acoustic	2.53	HSD	1	SO ₂	79.872 Kg/Day			

Environmental Clearance Compliance Report (October 2024 to March 2025)

Sr.	Condition								Compliance	Anx	P
	to S-29	of 160 kVAx 05	Enclosure		166.40 Ltr/Hr						
	S-30	DG Set of 180 kVA	Acoustic Enclosure	2.68	HSD 37.44 Ltr/Hr	1	SO ₂	17.9712 Kg/Day			
	S-31 to S-34	DG Sets of 200 kVAx 04	Acoustic Enclosure	2.83	HSD 166.40 Ltr/Hr	1	SO ₂	79.872 Kg/Day			
	S-35 to S-37	DG Sets of 250 kVAx 03	Acoustic Enclosure	3.16	HSD 156 Ltr/Hr	1	SO ₂	74.88 Kg/Day			
	S-38	DG Set of 320 kVA	Acoustic Enclosure	3.58	HSD 66.56 Ltr/Hr	1	SO ₂	31.9488 Kg/Day			
	S-39 to S-48	DG Sets of 500 kVAx 10	Acoustic Enclosure	34.47	HSD 1040 Ltr/Hr	1	SO ₂	499.20 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.								The prescribed standard is being achieved.		
	Particulate Matter			Not to exceed		150 mg/Nm ³					

Sr.	Condition	Compliance	Anx	P
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.	PP will obtain the necessary permission to provide additional control equipment.		
4.	The Board reserves its rights to vary all or any of the conditions 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).	PP will comply with additional conditions in the consent of MPCB.		
5.	<p>Conditions for utilities like Kitchen, Eating Places, Canteens: -</p> <p>a) The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.</p> <p>b) The toilet shall be provided with exhaust system connected to chimney through ducting.</p> <p>c) The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).</p> <p>d) The exhaust hot air from</p>	PP will comply with the conditions for Kitchen, Eating Places, and Canteens.		

Sr.	Condition	Compliance	Anx	P
	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 neighbours.			

CONSENT SCHEDULE-III

Details of Bank Guarantees:

Sr	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity
1	Consent to Establish (revalidation and amendment)	Rs. 25 lakhs	15 days	Towards compliance of EC and C to E conditions	Commissioning of the project or 5 years whichever is earlier.	Commissioning of the project 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.

++The Bank Guarantee (s) shall be valid for a period up to: Validity of consent + 4 month.

BG Forfeiture History

Sr	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Sr	Consent (C2E/C2O/C2R)	BG Imposed	Purpose of BG	Amount of BG Returned
NA				

CONSENT SCHEDULE-IV

General Conditions

Sr	Condition	Compliance	Anx	P
	Condition during Construction phase			
A.	During construction phase, applicant shall provide temporary sewage and MSW treatment and disposal facility for the staff and worker quarters.	During the construction phase, the project proponent will provide temporary sewage treatment and Municipal Solid Waste (MSW) disposal facilities for the staff and worker quarters. These facilities will ensure proper sanitation and waste management.		
B.	During construction phase, the ambient air and noise quality shall be maintained and should be closely monitored through MoEF approved laboratory.	Ambient air and noise quality will be monitored through MoEF approved laboratory ANNEXURE-VII	√	
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	PP ensures that the noise level will not exceed the prescribed standards.		

Sr	Condition	Compliance	Anx	P
	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.	Sampling points will be provided at suitable locations.		
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.	PP complies with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981, Environmental Protection Act 1986, 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	A suitable drainage system will be provided for collecting sewage and no additional sewage apart from design		

Sr	Condition	Compliance	Anx	P
	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	flow will be admitted into the 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.	To minimize air and noise pollution, only vehicles with a valid PUC certificate will be hired to transport construction materials to the site, and they will be checked for PUC compliance at the main gate. Additionally, all vehicles will operate only during the daytime and outside of peak hours to further reduce impact.		
5.	<p>Conditions for D.G. Set</p> <p>a) Noise from the D.G. set should be controlled by providing an acoustic enclosure or by treating the room acoustically.</p> <p>b) Industry should provide acoustic enclosure for control of noise. The</p>	D.G. sets with acoustic enclosures are provided to reduce the noise.		

Sr	Condition	Compliance	Anx	P
	<p>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.</p> <p>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.</p> <p>d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufactures.</p> <p>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</p>			

Sr	Condition	Compliance	Anx	P
	<p>noise levels of DG set from deteriorating with use.</p> <p>f) D.G. Set shall be operated only in case of power failure.</p> <p>g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.</p> <p>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.</p>			
6.	<p>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.</p>	<p>Biodegradable waste will be used as manure to garden after the OWC treatment.</p> <p>Non-biodegradable waste has been handed over to local Municipal Corporation for recycling</p> <p>E-waste is sold to Authorized Recycler.</p>		

Sr	Condition	Compliance	Anx	P
7.	Affidavit undertaking in respect of no change in the status of constant conditions and compliance of the constant conditions the draft can be downloaded from the official web site of the MPCB.	An affidavit has been submitted to the Board.		
8.	The industry should submit official e-mail address and any change will be duly informed to the MPCB.	Official e-mail address has been submitted.		
9.	The firm should submit to this office, the 30 th day of September every year, the environment statement report for the financial year ending 31 st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.	PP regularly submits Form V for each financial year.		
10.	The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board Before commissioning of the project.	Consent to Operate has been obtained.		

CONDITIONS OF CONSENT TO OPERATE(PART-V)

**Consent order No: Format1.0/CAC-CELL/UAN
NO.0000193799/CO/2405001823 Dated on 20/05/2024**

S r.	Condition	Compliance	Anx	P
1.	The 1st Consent to Operate (Part-V) is granted up to 31/03/2025.	Consent order No: Format1.0/CAC-CELL/UAN NO. 0000193799/CO/2405001823 Dated on 20/05/2024.		
2.	The capital investment of the project is Rs.177.3043 Cr. (As per C.A Certificate submitted by industry).	PP has submitted the C.A. certificate.		
3.	The 1st Consent to Operate (Part-V) is valid for the Integrated Township project "Forest Trails" Sector – R-12B, R-26, R-27 named as Paranjape Schemes (Construction) Ltd "Forest Trails"., Sr. No. 16, 19, 21, 35, 36, 38,40, 44, 80, 83, 84, 85, 86, 88 to 103, 106, 112, 113, Village. Bhugaon, Tal. Mulshi, Dist. Pune on Total Plot Area of 7,66,913 SqMtrs for Construction BUA of 84,932.95 SqMtrs out of Total Construction BUA of 2,22,794 SqMtrs as per EC granted dated 18/05/2023 including utilities and services	PP complies with the area mentioned in Consent to Establish.		

Sr.	Condition	Compliance	Anx	P															
	<table><tr><th>Sr</th><th>Permissio n Obtained</th><th>Plot Area (m²)</th><th>BUA (m²)</th></tr><tr><td>1.</td><td>EC- dtd. 18/05/20 23</td><td>766913. 00</td><td>913033.0 0</td></tr><tr><td>2.</td><td>C to E- dtd. 25/09/201 9</td><td>769195. 00</td><td>498082.3 2</td></tr></table>	Sr	Permissio n Obtained	Plot Area (m²)	BUA (m²)	1.	EC- dtd. 18/05/20 23	766913. 00	913033.0 0	2.	C to E- dtd. 25/09/201 9	769195. 00	498082.3 2						
Sr	Permissio n Obtained	Plot Area (m²)	BUA (m²)																
1.	EC- dtd. 18/05/20 23	766913. 00	913033.0 0																
2.	C to E- dtd. 25/09/201 9	769195. 00	498082.3 2																
4.	<p>Conditions under water (P & CP)1974 Act for discharge of effluent:</p> <table><tr><th>Sr</th><th>Descrip tion</th><th>Permitted CMD)</th><th>(In Standards to be achieved</th><th>Disposal</th></tr><tr><td>1</td><td>Trade effluent</td><td>Nil</td><td>Nil</td><td>Nil</td></tr><tr><td>2</td><td>Domesti ceffluent</td><td>470</td><td>As per Schedule-I</td><td>The treated sewage shall be 60% recycled for secondary purposes and remaining shall beutilized onlandfor gardening and/ or connected to local body sewer line with water metering system.</td></tr></table>	Sr	Descrip tion	Permitted CMD)	(In Standards to be achieved	Disposal	1	Trade effluent	Nil	Nil	Nil	2	Domesti ceffluent	470	As per Schedule-I	The treated sewage shall be 60% recycled for secondary purposes and remaining shall beutilized onlandfor gardening and/ or connected to local body sewer line with water metering system.	60% of the treated domestic effluent will be reused for flushing, while the remaining will be discharged into the municipal sewer.		
Sr	Descrip tion	Permitted CMD)	(In Standards to be achieved	Disposal															
1	Trade effluent	Nil	Nil	Nil															
2	Domesti ceffluent	470	As per Schedule-I	The treated sewage shall be 60% recycled for secondary purposes and remaining shall beutilized onlandfor gardening and/ or connected to local body sewer line with water metering system.															

S r.	Condition	Compliance	Anx	P																				
5.	<div>Conditions under air (P& CP) Act,1981 for air emissions:</div> <table><tr><th>Stack No.</th><th>Description of Stack/source</th><th>Number of Stack</th><th>Standards to be achieved</th></tr><tr><td>S-1</td><td>DG Sets of 53 kVA</td><td>01</td><td>As per Schedule-II</td></tr><tr><td>S-2 to S-3</td><td>DG Sets of 160 kVAx02</td><td>02</td><td>As per Schedule-II</td></tr><tr><td>S-4</td><td>DG Sets of 250 kVA</td><td>01</td><td>As per Schedule-II</td></tr></table>	Stack No.	Description of Stack/source	Number of Stack	Standards to be achieved	S-1	DG Sets of 53 kVA	01	As per Schedule-II	S-2 to S-3	DG Sets of 160 kVAx02	02	As per Schedule-II	S-4	DG Sets of 250 kVA	01	As per Schedule-II	PP ensures that air emissions from the following DG sets comply with the standards prescribed under Schedule-II of the Air (Prevention and Control of Pollution) Act, 1981.						
Stack No.	Description of Stack/source	Number of Stack	Standards to be achieved																					
S-1	DG Sets of 53 kVA	01	As per Schedule-II																					
S-2 to S-3	DG Sets of 160 kVAx02	02	As per Schedule-II																					
S-4	DG Sets of 250 kVA	01	As per Schedule-II																					
6.	<div>Conditions under Solid Waste Rules, 2016</div> <table><tr><th>S r</th><th>Type of waste</th><th>Quantity & UOM</th><th>Treatment</th><th>Disposal</th></tr><tr><td>1</td><td>Bio-degradable waste</td><td>1161 kg/Day</td><td>OWC followed by composting facility.</td><td>Used as manure.</td></tr><tr><td>2</td><td>Non-biodegradable waste</td><td>774 kg/day</td><td>Segregation</td><td>Handed over to Auth Vendor.</td></tr><tr><td>3</td><td>STP Sludge</td><td>100 kg/day</td><td>Dewatering</td><td>Used as manure.</td></tr></table>	S r	Type of waste	Quantity & UOM	Treatment	Disposal	1	Bio-degradable waste	1161 kg/Day	OWC followed by composting facility.	Used as manure.	2	Non-biodegradable waste	774 kg/day	Segregation	Handed over to Auth Vendor.	3	STP Sludge	100 kg/day	Dewatering	Used as manure.	<div>Wet waste will be converted into manure for the garden after OWC treatment.</div> <div>Dry waste will be segregated and handed over to an authorized vendor</div>		
S r	Type of waste	Quantity & UOM	Treatment	Disposal																				
1	Bio-degradable waste	1161 kg/Day	OWC followed by composting facility.	Used as manure.																				
2	Non-biodegradable waste	774 kg/day	Segregation	Handed over to Auth Vendor.																				
3	STP Sludge	100 kg/day	Dewatering	Used as manure.																				
7.	Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation,	PP ensures that 120 Ltr/A of used or spent oil (Category 5.1) is collected, stored, and																						

S r.	Condition						Compliance	Anx	P												
	Storage, Transportation, Treatment and Disposal of hazardous waste: <table><tr><th>S r</th><th>Categ ory No.</th><th>Quan tity</th><th>UoM</th><th>Treat ment</th><th>Dispo sal</th></tr><tr><td>1</td><td>5.1 Used or spent oil</td><td>120</td><td>Ltr/A</td><td>Recyle</td><td>Hand ed over to Auth. Reproc essor.</td></tr></table>						S r	Categ ory No.	Quan tity	UoM	Treat ment	Dispo sal	1	5.1 Used or spent oil	120	Ltr/A	Recyle	Hand ed over to Auth. Reproc essor.	handed over to authorized preprocessors for recycling, in compliance with the Hazardous & Other Wastes (M & TM) Rules, 2016.		
S r	Categ ory No.	Quan tity	UoM	Treat ment	Dispo sal																
1	5.1 Used or spent oil	120	Ltr/A	Recyle	Hand ed over to Auth. Reproc essor.																
8.	This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.						PP will comply with the Environmental clearance conditions.														
9.	This consent should not be constructed as exemption from obtained necessary NOC/permission from any other Government authorities.						PP has obtained the required NOC and permissions.														
10	PP shall provide STP of adequate capacity to achieve the treated domestic effluent standard for the parameter BOD-10 mg/lit including disinfection facility to the treated sewage.						PP will achieve the standard parameter.														
11	The treated sewage shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning,						60% recycled effluent will be utilized for secondary purposes														

S r.	Condition	Compliance	Anx	P
	cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and/or connected to local body sewer line with water metering system.	such as toilet flushing, and gardening.		
12	PP shall properly organic waste digester along with composting facility/bio-digester (biogas) for the treatment of wet garbage.	PP will provide OWC at the site.		
13	PP shall make provision of charging ports for electric vehicles at least 30% of total available parking slots.	PP will provide a charging point in the parking area.		
14	PP shall submit BG of Rs. 25 Lacs towards compliance of EC and Consent conditions.	PP shall submit a Bank Guarantee of Rs. 25 Lacs towards compliance of EC and Consent conditions.		

CONSENT SCHEDULE-I

Terms & Conditions for Compliance of Water Pollution Control

Sr	Condition	Compliance	Anx	P																								
1	A] As per your application, you have proposed to provide MBBR-based Sewage Treatment Plants (STPs) of combined capacity 630 CMD for treatment of domestic effluent of 470 CMD.	PP has installed an STP with MBBR technology of 3,250 CMD capacity, as stated in the application.																										
	<div> <div>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.</div> <table> <tr> <th>Sr No.</th> <th>Parameters</th> <th>Limiting Concentration not to exceed in mg/l, except for pH</th> </tr> <tr> <td>1.</td> <td>pH</td> <td>5.5-9.0</td> </tr> <tr> <td>2.</td> <td>BOD</td> <td>10</td> </tr> <tr> <td>3.</td> <td>COD</td> <td>50</td> </tr> <tr> <td>4.</td> <td>TSS</td> <td>20</td> </tr> <tr> <td>5.</td> <td>NH4 N</td> <td>5</td> </tr> <tr> <td>6.</td> <td>N-total</td> <td>10</td> </tr> <tr> <td>7.</td> <td>Fecal Coliform</td> <td>Less than 100</td> </tr> </table> </div>	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	PP will operate the STP as per applicable norms.		
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 sewage shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up,	The treated water generated from STP will be utilized for secondary																										

Sr	Condition	Compliance	Anx	P
	firefighting etc. and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system.	purposes to the maximum extent and the remaining is discharged on open land for gardening within premises and the remaining will be		
3.	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.	PP has obtained prior Consent to Establish from MPCB.		
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.	PP will replace the pollution control system before the expiry of its expected life.		
4.	The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as	Water consumption will be under		

Sr	Condition	Compliance	Anx	P															
	<p>amended, and other provisions as contained in the said act.</p> <table><tr><th>Sr.</th><th>Purpose for water consumed</th><th>Water consumption quantity (CMD)</th></tr><tr><td>1.</td><td>Industrial Cooling, spraying in mine pits or boiler feed</td><td>0.00</td></tr><tr><td>2.</td><td>Domestic purpose</td><td>522.00</td></tr><tr><td>3.</td><td>Processing whereby water gets polluted & pollutants are easily biodegradable</td><td>0.00</td></tr><tr><td>4.</td><td>Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic</td><td>0.00</td></tr></table>	Sr.	Purpose for water consumed	Water consumption quantity (CMD)	1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00	2.	Domestic purpose	522.00	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	permissible limits.		
Sr.	Purpose for water consumed	Water consumption quantity (CMD)																	
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00																	
2.	Domestic purpose	522.00																	
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.	Sewage Treatment Plant will be provided at the site.																	

CONSENT SCHEDULE-II

Terms & Conditions for Compliance of Air Pollution Control:

Sr .	Condition	Compliance	Anx	P																																
1.	<p>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-</p> <table><tr><th>Stack No.</th><th>Source</th><th>APC System provided/proposed</th><th>Stack height(In mtr)</th><th>Type of Fuel</th><th>Sulphur Content (in %)</th><th>Pollutant</th><th>Standard</th></tr><tr><td>S-1</td><td>DG Sets of 53 kVA</td><td>Acoustic Enclosure</td><td>1.46</td><td>HS D 11.02 Ltr/Hr</td><td>1</td><td>SO₂</td><td>52896 Kg/Day</td></tr><tr><td>S-2 to S-3</td><td>DG Sets of 160 kVA x02</td><td>Acoustic Enclosure</td><td>2.53</td><td>HS D 66.56 Ltr/Hr</td><td>1</td><td>SO₂</td><td>31.9488 Kg/Day</td></tr><tr><td>S-4</td><td>DG Sets of 250 kVA</td><td>Acoustic Enclosure</td><td>3.16</td><td>HS D 52 Ltr/Hr</td><td>1</td><td>SO₂</td><td>24.96 Kg/Day</td></tr></table>	Stack No.	Source	APC System provided/proposed	Stack height(In mtr)	Type of Fuel	Sulphur Content (in %)	Pollutant	Standard	S-1	DG Sets of 53 kVA	Acoustic Enclosure	1.46	HS D 11.02 Ltr/Hr	1	SO ₂	52896 Kg/Day	S-2 to S-3	DG Sets of 160 kVA x02	Acoustic Enclosure	2.53	HS D 66.56 Ltr/Hr	1	SO ₂	31.9488 Kg/Day	S-4	DG Sets of 250 kVA	Acoustic Enclosure	3.16	HS D 52 Ltr/Hr	1	SO ₂	24.96 Kg/Day	4,315 kVA DG set will be provided with an Acoustic enclosure.		
Stack No.	Source	APC System provided/proposed	Stack height(In mtr)	Type of Fuel	Sulphur Content (in %)	Pollutant	Standard																													
S-1	DG Sets of 53 kVA	Acoustic Enclosure	1.46	HS D 11.02 Ltr/Hr	1	SO ₂	52896 Kg/Day																													
S-2 to S-3	DG Sets of 160 kVA x02	Acoustic Enclosure	2.53	HS D 66.56 Ltr/Hr	1	SO ₂	31.9488 Kg/Day																													
S-4	DG Sets of 250 kVA	Acoustic Enclosure	3.16	HS D 52 Ltr/Hr	1	SO ₂	24.96 Kg/Day																													
2.	The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of	The prescribed standard is being achieved.																																		

Sr .	Condition	Compliance	Anx	P			
	<p>pollutants to the following standards.</p> <table><tr><td>Particulate Matter</td><td>Not to exceed</td><td>150 mg/Nm³</td></tr></table>	Particulate Matter	Not to exceed	150 mg/Nm ³			
Particulate 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 alteration well before its life come to an end or erection of new pollution control equipment.	PP will obtain the necessary permission to provide additional control equipment.					
4.	The Board reserves its rights to vary all or any of the conditions 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).	PP will comply with additional conditions in the consent of MPCB.					
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.	PP will comply with the conditions for Kitchen, Eating Places, and Canteens.					

Sr .	Condition	Compliance	Anx	P
	<p>c) The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).</p> <p>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 neighbours.</p>			

CONSENT SCHEDULE-III

Details of Bank Guarantees:

Sr	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity
1	1st Consent to Operate (Part-V)	Rs. 25 lakhs	Extension of existing BG	towards O & M of Pollution Control System and compliance of Consent conditions.	Monthly	30/09/2025

**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.

**The Bank Guarantee (s) shall be valid for a period up to: Validity of consent + 4 month.

BG Forfeiture History

Sr	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Sr	Consent (C2E/C2O/C2R)	BG Imposed	Purpose of BG	Amount of BG Returned
NA				

CONSENT SCHEDULE-IV

General Conditions

Sr	Condition	Compliance	Anx	P
	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.	Sampling points will be provided at suitable locations.		
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.	PP complies with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981, Environmental Protection Act 1986, 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	A suitable drainage system will be provided for collecting sewage and no additional sewage apart from design flow will be		

Sr	Condition	Compliance	Anx	P
	downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.	admitted into the 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.	To minimize air and noise pollution, only vehicles with a valid PUC certificate will be hired to transport construction materials to the site, and they will be checked for PUC compliance at the main gate. Additionally, all vehicles will operate only during the daytime and outside of peak hours to further reduce impact.		
5.	<p>Conditions for D.G. Set</p> <p>a) Noise from the D.G. set should be controlled by providing an acoustic enclosure or by treating the room acoustically.</p> <p>b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/acoustic</p>	D.G. sets with acoustic enclosures are provided to reduce the noise.		

Sr	Condition	Compliance	Anx	P
	<p>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.</p> <p>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.</p> <p>d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufactures.</p> <p>e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG</p>			

Sr	Condition	Compliance	Anx	P
	<p>manufacturer which would help to prevent noise levels of DG set from deteriorating with use.</p> <p>f) D.G. Set shall be operated only in case of power failure.</p> <p>g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.</p> <p>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.</p>			
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.	<p>Biodegradable waste will be used as manure to garden after the OWC treatment.</p> <p>Non-biodegradable waste has been handed over to local Municipal Corporation for recycling</p>		

Sr	Condition	Compliance	Anx	P
		E-waste is sold to Authorized Recycler.		
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.	An affidavit has been submitted to the Board.		
8.	Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.	Official e-mail address has been submitted.		
9.	The treated sewage shall be disinfected using suitable disinfection method.	PP ensures that the treated sewage will be disinfected using a 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.	PP ensures that the environment statement report will be submitted by 30th September annually in Form-V, as per Rule 14 of the Environmental (Protection) Second Amendment Rules, 1992.		

Sr	Condition	Compliance	Anx	P
11.	The applicant shall make an application for renewal of the consent at least 60 days before date of the expiry of the consent.	PP ensures that an application for renewal of consent will be made at least 60 days before the expiry date of the consent.		

ANNEXURE I

Previous acknowledgement Copy



MAHABAL PUNE <mahabal.pune@gmail.com>

Forest Trail_Compliance report & Monitoring report_April 2024 to September 2024

1 message

MAHABAL PUNE <mahabal.pune@gmail.com>

Sat, Nov 30, 2024 at 5:28 PM

To: EC Compliance Maharashtra <eccompliance-mh@gov.in>, psec.env@maharashtra.gov.in, ms@mpcb.gov.in, ropune@mpcb.gov.in

Bcc: Apoorv Ranade <apoorvr@pscl.in>, psclccompliance@gmail.com

Dear Sir/Madam,

As per MoEF Notification dated 26.11.2018 "In the said notification, in paragraph 10, in sub-paragraph (ii) for the words "hard and soft copies" the words "soft copy" shall be substituted."

With reference to the above please find the attached Compliance & Monitoring report for the period of April 2024 to September 2024 of "Forest Trail" by Paranjape Schemes (Construction). Ltd

REGARDSCell +91-20-27612357 mahabal.pune@gmail.com

=====

Mahabal Enviro Engineers Pvt. Ltd. – Pune Branch

महाबळ, A-2, पहिला मजला, काकडे आंगण, तालेरा हॉस्पिटल समोर, तानाजी नगर, चिंचवडगाव, पुणे-४११०३३.

MAHABAL, A-2, First floor, Kakade Angan, Opp. Talera Hospital, Tanaji Nagar, Chinchwadgaon, Pune - 411033.

Working: 9 am to 6 pm on all other days. Sunday closed.

**Save a tree ...If not necessary, please don't print. Let's protect the environment.****Forest Trails_Six monthly Compliance report_April 2024 to September 2024.pdf**

14978K

ANNEXURE II

Site photographs

Site Photographs



Labour Camp



Sanitary Facility



Drinking Water



Safety Suit



Landscape Area



Tree Plantation



DG Set



STP



Flyash Blocks



Storm Line



Rainwater Harvesting Pit



WTP



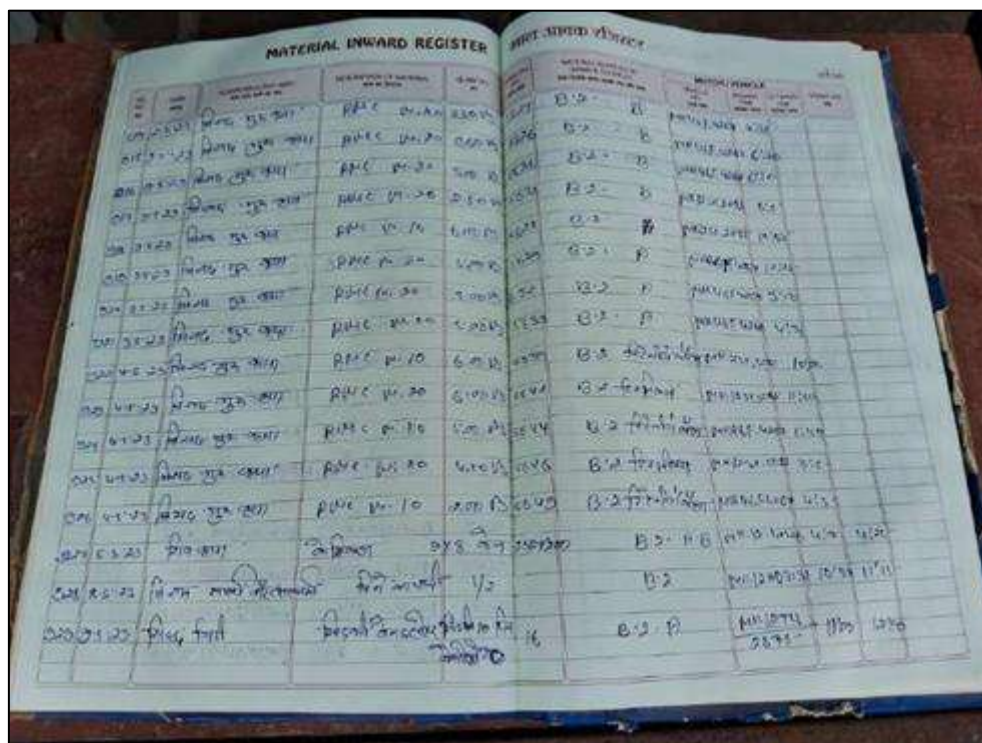
Biogas Plant



Fire Station and Ambulance



71



[illegible]

ANNEXURE VII

Environment Monitoring 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-0326250305	Date: 13.03.2025
ULR No.:	TC748725000004506F	

Name and Address of Customer	Matrix Developers Pvt. Ltd. "Forest Trails", CTS. Nos.16/1,19/1,21/1,21/1/2,35/1, 35/2,36(P),38/1,40/1,44/5 to 113/1/7, Village Bhugaon, Tal. Mulshi, Dist. Pune.		WO No.: Verbal WO Date: -
Sample Description / Type	Ambient Air	Sampling Done by	Laboratory
Sampling Location	Near Main Gate	Sample Quantity / Packing	PM ₁₀ : B(a), Ni, As, Pb: Filter Paper 1 X 3 No. PM _{2.5} : Filter Paper 1 X 1 No. SO ₂ :30 mL X 6 No. PVC Bottle NO ₂ :30 mL X 6 No. PVC Bottle NH ₃ :10 mL X 24 No. PVC Bottle O ₃ :10 mL X 24 No. PVC Bottle Charcoal Tubes: 2 X 3 No. CO:1L X 3No. Gas Bladder
Date of Sampling	03.03.2025 to 04.03.2025	Date of Receipt of Sample	05.03.2025
Sampling Procedure	As per method reference		
Date of Start of Analysis	05.03.2025	Date of Completion of Analysis	11.03.2025

Sr. No.	Parameter	Unit	Result	#NAAQS	Method Reference
	<u>Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Ambient Air)</u>				
1.	Sulphur Dioxide (SO ₂)	µg/m ³	12.0	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	13.8	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	18	60	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.15-30

Reviewed and authorised by

Harish Mendhi

Harish Mendhi
Technical Manager
Chemical Testing

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Issue No 03
Date 05.12.2019.
Amd 04 Date
18.07.2023



TC-7487



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



AA-0326250305

Report No.:	ME-0326250305	Date: 13.03.2025
ULR No.:	TC748725000004506F	

Sr. No.	Parameter	Unit	Result	#NAAQS	Method Reference
5.	Ozone (O ₃)	µg/m ³	BQL (LOQ:19.6)	180	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.31-34
6.	Lead (as Pb)	µg/m ³	BQL (LOQ:0.02)	01	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.48-55
7.	Carbon Monoxide (CO)	mg/m ³	0.94	04	CPCB Guidelines for the Measurement of Ambient Air Pollutants Volume-II, 2012-13, Page No. 16-22, (NDIR method)
8.	Ammonia (NH ₃)	µg/m ³	22.7	400	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.35-39
9.	Benzene (C ₆ H ₆)	µg/m ³	1.36	05	IS 5182 (Part 11): 2006
10.	Benzo(a)Pyrene (Particulate phase only)	ng/m ³	BQL (LOQ:0.5)	01	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.40-47
11.	Arsenic (as As)	ng/m ³	BQL (LOQ:0.3)	06	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.48-55
12.	Nickel (as Ni)	ng/m ³	BQL (LOQ:3)	20	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.48-55

END OF REPORT

- Note:**
1. BQL: Below Quantification Limit.
 2. LOQ: Limit of Quantification.
 3. TWA: Time Weighted Average
 4. Duration of sampling: 24h
 5. NAAQS: National Ambient Air Quality Standard
 6. #- NAAQS specified as: 24 h. TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM₁₀, PM_{2.5}, Lead and Ammonia; 1 h. TWA in case of Carbon Monoxide, Ozone; Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.
 7. The result listed refers only to the tested sample(s) and applicable parameter(s).
 8. This report is not to be reproduced except in full, without the written approval of the laboratory.
 9. Any complaint pertaining to the report can be addressed to mahabalreports@gmail.com

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Issue No 03
Date 05.12.2019.
Amd 04 Date
18.07.2023

Reviewed and
authorised by


Harish Mendhi
Technical Manager
Chemical Testing



TC-7487



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



ANA-0327250305

Report No.:	ME-0327250305	Date:	11.03.2024
ULR No.:	TC748725000004507F		

Name and Address of Customer	Matrix Developers Pvt. Ltd. "Forest Trails", CTS. Nos.16/1,19/1,21/1,21/1/2,35/1, 35/2,36(P),38/1,40/1,44/5 to 113/1/7, Village Bhugaon, Tal. Mulshi, Dist. Pune.	WO No.: Verbal WO Date: -
Sample Description / Type	Ambient Noise	
Date of Sampling	03.03.2025	
Sampling Procedure	CPCB Protocol for Ambient level Noise Monitoring 2015	

Sr. No.	Location	Time in h (day)	Sound Level L_{eq} dB (A)		Time in h (Night)	Sound Level L_{eq} dB (A)	
			Fast Response	Slow Response		Fast Response	Slow Response
	Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Ambient Noise)						
1.	Near Main Gate	11:10	52.6	50.9	22:10	41.6	40.7

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 (6:00a.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

- Note:**
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
 2. This report is not to be reproduced except in full, without the written approval of the laboratory.
 3. Any complaint pertaining to the report can be addressed to mahabalreports@gmail.com

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Issue No 03
Date 05.12.2019.
Amd 04 Date
11.01.2024

Reviewed and
authorised by

Sagar Yeul
Dy. Technical Manager
Chemical Testing



TC-7487



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-0347250305	Date:	11.03.2024
ULR No.:	TC748725000004527F		

Name and Address of Customer	M/S.JUPITER HOSPITAL Pimple Nilakh Road, Balewadi-Baner, Pune-411045	WO No.:	Verbal
		WO Date:	-
Sample Description / Type	Ambient Noise		
Date of Sampling	03.03.2025		
Sampling Procedure	CPCB Protocol for Ambient level Noise Monitoring 2015		

Sr. No.	Location	Time in h (day)	Sound Level L_{eq} dB (A)		Time in h (Night)	Sound Level L_{eq} dB (A)	
			Fast Response	Slow Response		Fast Response	Slow Response
	<u>Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Ambient Noise)</u>						
1.	Near STP	09:30	56.7	55.3	22:00	42.2	41.6

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 (6:00a.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

- Note:**
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Reviewed and
authorised by

Sagar Yeul
Dy. Technical Manager
Chemical Testing



TC-7487



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



DE-0331250305

Report No.:	ME-0331250305	Date:	15.03.2025
ULR No.:	TC748725000004511F		

Name and Address of Customer	Matrix Developers Pvt. Ltd. "Forest Trails", CTS. Nos.16/1,19/1,21/1,21/1/2,35/1,35/2,36(P),38/1,40/1,44/5 to 113/1/7, Village Bhugaon, Tal. Mulshi, Dist. Pune.		WO No.: Verbal WO Date: -
Sample Description / Type	Domestic Effluent	Sampling done by	Laboratory
Sampling Location	Highland STP Outlet tower	Sample Quantity / Packing	2 L X 1 No. PVC Can 100mL X 1 No. PVC Can 1L X 1 No. Glass Bottle
Date of Sampling	04.03.2025	Date of Receipt of Sample	05.03.2025
Sampling Procedure	IS 3025 (Part 1); APHA 24 th Ed. 2023, 1060-B		
Date of Start of Analysis	05.03.2025	Date of Completion of Analysis	15.03.2025

Sr. No.	Parameter	Unit	Result	Method Reference
	<u>Discipline: Chemical Testing;</u> <u>Product Group: Pollution & Environment (Waste Water)</u>			
1.	pH	-	6.9	APHA 24 th Ed. 2023, 4500-H+B
2.	Total Residual Free Chlorine	mg/L	BQL (LOQ:0.05)	APHA 24 th Ed. 2023, 4500-Cl G
3.	Total Suspended Solids	mg/L	9	APHA 24 th Ed. 2023, 2540-D
4.	Biochemical Oxygen Demand (3 days 27°C)	mg/L	16	IS 3025 (Part 44):2023
5.	Chemical Oxygen Demand	mg/L	52	APHA 24 th Ed. 2023, 5220-B
6.	Oil and Grease	mg/L	BQL (LOQ:2)	IS 3025 (Part 39): 2021

END OF REPORT

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TEST REPORT



DE-0332250305

Report No.:	ME-0332250305	Date: 15.03.2025
ULR No.:	TC748725000004512F	

Name and Address of Customer	Matrix Developers Pvt. Ltd. "Forest Trails", CTS. Nos.16/1,19/1,21/1,21/1/2,35/1, 35/2,36(P),38/1,40/1,44/5 to 113/1/7, Village Bhugaon, Tal. Mulshi, Dist. Pune.		WO No.: Verbal WO Date: -
Sample Description / Type	Domestic Effluent	Sampling done by	Laboratory
Sampling Location	STP Outlet (H3,H4, B2)	Sample Quantity / Packing	2 L X 1 No. PVC Can 100mL X 1 No. PVC Can 1L X 1 No. Glass Bottle
Date of Sampling	04.03.2025	Date of Receipt of Sample	05.03.2025
Sampling Procedure	IS 3025 (Part 1); APHA 24 th Ed. 2023, 1060-B		
Date of Start of Analysis	05.03.2025	Date of Completion of Analysis	15.03.2025

Sr. No.	Parameter	Unit	Result	Method Reference
	Discipline: Chemical Testing; Product Group: Pollution & Environment (Waste Water)			
1.	pH	-	6.9	APHA 24 th Ed. 2023, 4500-H+B
2.	Total Residual Free Chlorine	mg/L	BQL (LOQ:0.05)	APHA 24 th Ed. 2023, 4500-Cl G
3.	Total Suspended Solids	mg/L	13	APHA 24 th Ed. 2023, 2540-D
4.	Biochemical Oxygen Demand (3 days 27°C)	mg/L	24	IS 3025 (Part 44):2023
5.	Chemical Oxygen Demand	mg/L	80	APHA 24 th Ed. 2023, 5220-B
6.	Oil and Grease	mg/L	BQL (LOQ:2)	IS 3025 (Part 39): 2021

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

TEST REPORT



Report No.:	ME-0333250305	Date: 15.03.2025
ULR No.:	TC748725000004513F	

Name and Address of Customer	Matrix Developers Pvt. Ltd. "Forest Trails", CTS. Nos.16/1,19/1,21/1,21/1/2,35/1, 35/2,36(P),38/1,40/1,44/5 to 113/1/7, Village Bhugaon, Tal. Mulshi, Dist. Pune.		WO No.: Verbal WO Date: -
Sample Description / Type	Domestic Effluent	Sampling done by	Laboratory
Sampling Location	STP Outlet (Casket)	Sample Quantity / Packing	2 L X 1 No. PVC Can 100mL X 1 No. PVC Can 1L X 1 No. Glass Bottle
Date of Sampling	04.03.2025	Date of Receipt of Sample	05.03.2025
Sampling Procedure	IS 3025 (Part 1); APHA 24 th Ed. 2023, 1060-B		
Date of Start of Analysis	05.03.2025	Date of Completion of Analysis	15.03.2025

Sr. No.	Parameter	Unit	Result	Method Reference
	<u>Discipline: Chemical Testing;</u> <u>Product Group: Pollution & Environment (Waste Water)</u>			
1.	pH	-	7.0	APHA 24 th Ed. 2023, 4500-H+-B
2.	Total Residual Free Chlorine	mg/L	BQL (LOQ:0.05)	APHA 24 th Ed. 2023, 4500-Cl G
3.	Total Suspended Solids	mg/L	9	APHA 24 th Ed. 2023, 2540-D
4.	Biochemical Oxygen Demand (3 days 27°C)	mg/L	31	IS 3025 (Part 44):2023
5.	Chemical Oxygen Demand	mg/L	100	APHA 24 th Ed. 2023, 5220-B
6.	Oil and Grease	mg/L	BQL (LOQ:2)	IS 3025 (Part 39): 2021

END OF REPORT

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TEST REPORT



DE-0134250305

Report No.:	ME-0334250305	Date:	15.03.2025
ULR No.:	TC748725000004514F		

Name and Address of Customer	Matrix Developers Pvt. Ltd. "Forest Trails", CTS. Nos.16/1,19/1,21/1,21/1/2,35/1, 35/2,36(P),38/1,40/1,44/5 to 113/1/7, Village Bhugaon, Tal. Mulshi, Dist. Pune.		WO No.: Verbal WO Date: -
Sample Description / Type	Domestic Effluent	Sampling done by	Laboratory
Sampling Location	STP Outlet (Midows)	Sample Quantity / Packing	2 L X 1 No. PVC Can 100mL X 1 No. PVC Can 1L X 1 No. Glass Bottle
Date of Sampling	04.03.2025	Date of Receipt of Sample	05.03.2025
Sampling Procedure	IS 3025 (Part 1); APHA 24 th Ed. 2023, 1060-B		
Date of Start of Analysis	05.03.2025	Date of Completion of Analysis	15.03.2025

Sr. No.	Parameter	Unit	Result	Method Reference
	<u>Discipline: Chemical Testing;</u> <u>Product Group: Pollution & Environment (Waste Water)</u>			
1.	pH	-	6.9	APHA 24 th Ed. 2023, 4500-H+-B
2.	Total Residual Free Chlorine	mg/L	BQL (LOQ:0.05)	APHA 24 th Ed. 2023, 4500-Cl G
3.	Total Suspended Solids	mg/L	23	APHA 24 th Ed. 2023, 2540-D
4.	Biochemical Oxygen Demand (3 days 27°C)	mg/L	28	IS 3025 (Part 44):2023
5.	Chemical Oxygen Demand	mg/L	88	APHA 24 th Ed. 2023, 5220-B
6.	Oil and Grease	mg/L	BQL (LOQ:2)	IS 3025 (Part 39): 2021

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TEST REPORT



DE-0335250305

Report No.:	ME-0335250305	Date: 15.03.2025
ULR No.:	TC74872500004515F	

Name and Address of Customer	Matrix Developers Pvt. Ltd. "Forest Trails", CTS. Nos.16/1,19/1,21/1,21/1/2,35/1, 35/2,36(P),38/1,40/1,44/5 to 113/1/7, Village Bhugaon, Tal. Mulshi, Dist. Pune.		WO No.: Verbal WO Date: -
Sample Description / Type	Domestic Effluent	Sampling done by	Laboratory
Sampling Location	STP Outlet (Pebble)	Sample Quantity / Packing	2 L X 1 No. PVC Can 100mL X 1 No. PVC Can 1L X 1 No. Glass Bottle
Date of Sampling	04.03.2025	Date of Receipt of Sample	05.03.2025
Sampling Procedure	IS 3025 (Part 1); APHA 24 th Ed. 2023, 1060-B		
Date of Start of Analysis	05.03.2025	Date of Completion of Analysis	15.03.2025

Sr. No.	Parameter	Unit	Result	Method Reference
	<u>Discipline: Chemical Testing;</u> <u>Product Group: Pollution & Environment (Waste Water)</u>			
1.	pH	-	7.0	APHA 24 th Ed. 2023, 4500-H+B
2.	Total Residual Free Chlorine	mg/L	BQL (LOQ:0.05)	APHA 24 th Ed. 2023, 4500-Cl G
3.	Total Suspended Solids	mg/L	25	APHA 24 th Ed. 2023, 2540-D
4.	Biochemical Oxygen Demand (3 days 27°C)	mg/L	35	IS 3025 (Part 44):2023
5.	Chemical Oxygen Demand	mg/L	108	APHA 24 th Ed. 2023, 5220-B
6.	Oil and Grease	mg/L	BQL (LOQ:2)	IS 3025 (Part 39): 2021

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TEST REPORT



DE-0336250305

Report No.:	ME-0336250305	Date: 15.03.2025
ULR No.:	TC748725000004516F	

Name and Address of Customer	Matrix Developers Pvt. Ltd. "Forest Trails", CTS. Nos.16/1,19/1,21/1,21/1/2,35/1, 35/2,36(P),38/1,40/1,44/5 to 113/1/7, Village Bhugaon, Tal. Mulshi, Dist. Pune.		WO No.: Verbal WO Date: -
Sample Description / Type	Domestic Effluent	Sampling done by	Laboratory
Sampling Location	STP Outlet (Highland 1 To6)	Sample Quantity / Packing	2 L X 1 No. PVC Can 100mL X 1 No. PVC Can 1L X 1 No. Glass Bottle
Date of Sampling	04.03.2025	Date of Receipt of Sample	05.03.2025
Sampling Procedure	IS 3025 (Part 1); APHA 24 th Ed. 2023, 1060-B		
Date of Start of Analysis	05.03.2025	Date of Completion of Analysis	15.03.2025

Sr. No.	Parameter	Unit	Result	Method Reference
	<u>Discipline: Chemical Testing;</u> <u>Product Group: Pollution &</u> <u>Environment (Waste Water)</u>			
1.	pH	-	7.0	APHA 24 th Ed. 2023, 4500-H+B
2.	Total Residual Free Chlorine	mg/L	BQL (LOQ:0.05)	APHA 24 th Ed. 2023, 4500-Cl G
3.	Total Suspended Solids	mg/L	14	APHA 24 th Ed. 2023, 2540-D
4.	Biochemical Oxygen Demand (3 days 27°C)	mg/L	13	IS 3025 (Part 44):2023
5.	Chemical Oxygen Demand	mg/L	44	APHA 24 th Ed. 2023, 5220-B
6.	Oil and Grease	mg/L	BQL (LOQ:2)	IS 3025 (Part 39): 2021

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

TEST REPORT



DNA-0350250305

Report No.:	ME-0350250305	Date:	06.03.2025
ULR No.:	TC748725000004530F		

Name and Address of Customer	M/S.JUPITER HOSPITAL Pimple Nilakh Road, Balewadi-Baner, Pune-411045	WO No.:	Verbal
		WO Date:	-
Sample Description / Type	Source Noise		
Date of Sampling	03.03.2025		
Sampling Procedure	IS/ISO 8528 (Part 10)		

Sr. No.	Location	Time in h	Result dB(A) Inside	Result dB(A) Outside	Insertion Loss
	Discipline: Chemical Testing; Product Group: Atmospheric Pollution (DG Noise)				
1	DG Set-I 1010kVA				
	Side A	12:00	97.2	72.1	25.1
	Side B	12:05	98.1	72.8	25.3
	Side C	12:10	97.8	72.6	25.2
	Side D	12:15	97.5	72.4	25.1
	Average L_{eq}		97.7	72.5	25.2

END OF REPORT

Note: 1. Limit as per EPA Rule 1986:

- For rated capacity more than 1000 kVA, insertion loss of Min. 25dB(A) or meeting the ambient noise standards whichever is on the higher side at different points at 0.5 m from the acoustic enclosure and averaged.
 - For rated capacity up to 1000 kVA, manufactured on or after the 1st January 2005, the maximum permissible sound pressure level shall be 75 dB(A) at 1 metre from the enclosure surface.
- The result listed refers only to the tested sample(s) and applicable parameter(s).
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Phone: **0712-2612162/2612212** email: **nagpur@mahabal.com**

TEST REPORT



GW-0329250305

Report No.:	ME-0329250305	Date: 15.03.2025
ULR No.:	TC748725000004509F	

Name and Address of Customer	Matrix Developers Pvt. Ltd. "Forest Trails", CTS. Nos.16/1,19/1,21/1,21/1/2,35/1, 35/2,36(P),38/1,40/1,44/5 to 113/1/7, Village Bhugaon, Tal. Mulshi, Dist. Pune.		WO No.: Verbal WO Date: -
Sample Description / Type	Ground water	Sampling done by	Laboratory
Sampling Location	Surrounding Area	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	04.03.2025	Date of Receipt of Sample	05.03.2025
Sampling Procedure	IS:3025 (Part I); IS 1622; APHA 24 th Ed. 2023, 1060-B, 9060 A		
Date of Start of Analysis	05.03.2025	Date of Completion of Analysis	15.03.2025

Sr. No.	Parameter	Unit	Result	Method Reference
	<u>Discipline: Chemical Testing; Product Group: Water (Ground Water)</u>			
1.	Colour	Hazen	BQL (LOQ:1)	APHA 24 th Ed. 2023, 2120-B
2.	Odour	-	Agreeable	IS 3025 (Part 05):2018
3.	Turbidity	NTU	0.4	APHA 24 th Ed. 2023, 2130-B
4.	pH	-	7.9	APHA 24 th Ed. 2023, 4500-H+B
5.	Total Dissolved Solids	mg/L	142	IS 3025 (Part 16):2023
6.	Alkalinity Total (as CaCO ₃)	mg/L	78	APHA 24 th Ed. 2023, 2320-B
7.	Total Hardness (as CaCO ₃)	mg/L	90	APHA 24 th Ed. 2023, 2340-C
8.	Chloride (as Cl)	mg/L	20.0	APHA 24 th Ed. 2023, 4500-Cl-B
9.	Sulphate (as SO ₄)	mg/L	23.0	APHA 24 th Ed. 2023, 4500-SO ₄ -E
10.	Nitrate (as NO ₃)	mg/L	2.60	APHA 24 th Ed. 2023, 4500-NO ₃ , B
11.	Calcium (as Ca)	mg/L	26.5	APHA 24 th Ed. 2023, 3500-Ca-B
12.	Magnesium (as Mg)	mg/L	5.8	APHA 24 th Ed. 2023, 3500-Mg-B
13.	Fluoride (as F)	mg/L	0.30	APHA 24 th Ed. 2023, 4500-F, D
14.	Cyanide (as CN)	mg/L	BQL (LOQ:0.001)	APHA 24 th Ed. 2023, 4500-CN, C & E
15.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/L	BQL (LOQ:0.001)	APHA 24 th Ed. 2023, 5530- B & C

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TC-7487



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

TEST REPORT



GW-0329250305

Report No.:	ME-0329250305	Date: 15.03.2025
ULR No.:	TC748725000004509F	

Sr. No.	Parameter	Unit	Result	Method Reference
16.	Anionic Detergents (as MBAS)	mg/L	BQL (LOQ:0.1)	APHA 24 th Ed. 2023, 5540-C
	<u>Product Group: Residues in water</u>			
17.	Iron (as Fe)	mg/L	0.156	IS 3025 (Part 2) 2019
18.	Manganese (as Mn)	mg/L	0.010	IS 3025(Part 2): 2019
19.	Lead (as Pb)	mg/L	BQL (LOQ:0.008)	IS 3025 (Part 2) 2019
20.	Zinc (as Zn)	mg/L	0.033	IS 3025 (Part 2) 2019
21.	Copper (as Cu)	mg/L	BQL (LOQ:0.01)	IS 3025 (Part 2) 2019
22.	Cadmium (as Cd)	mg/L	BQL (LOQ:0.0027)	IS 3025 (Part 2) 2019
23.	Hexavalent Chromium (as Cr ⁺⁶)	mg/L	BQL (LOQ:0.02)	APHA 24 th Ed. 2023, 3500- Cr-B
24.	Arsenic (as As)	mg/L	BQL (LOQ:0.007)	IS 3025 (Part 2) 2019
25.	Mercury (as Hg)	mg/L	BQL (LOQ:0.0005)	APHA 24 th Ed. 2023, 3112-B
	<u>Discipline: Biological Testing; Product Group: Water (Ground water)</u>			
26.	Total Coliforms	MPN Index /100mL	5.1	APHA 24 th Ed. 2023, 9221-B
27.	<i>Escherichia coli</i>	MPN Index /100mL	<1.1	APHA 24 th Ed. 2023, 9221-B, E & G

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

TEST REPORT



SE-0330250305

Report No.:	ME-0330250305	Date: 15.03.2025
ULR No.:	TC748725000004510F	

Name and Address of Customer	Matrix Developers Pvt. Ltd. "Forest Trails", CTS. Nos.16/1,19/1,21/1,21/1/2,35/1, 35/2,36(P),38/1,40/1,44/5 to 113/1/7, Village Bhugaon, Tal. Mulshi, Dist. Pune.		WO No.: Verbal WO Date: -
Sample Description / Type	Soil	Sampling Done by	Laboratory
Sampling Location	Project Site	Sample Quantity / Packing	1 kg X 1 No. Polythene bag
Date of Sampling	04.03.2025	Date of Receipt of Sample	05.03.2025
Sampling Procedure	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India		
Date of Start of Analysis	07.03.2025	Date of Completion of Analysis	15.03.2025

Sr. No.	Parameter	Unit	Result	Method Reference
	<u>Discipline: Chemical Testing; Product Group: Pollution & Environment (Soil)</u>			
1.	pH (1+5)	-	7.8	Physical and Chemical methods of Soil and Water Analysis Food and Agriculture Organization of the United Nations (FAO) Sec. III, 1, Page No 65,1984
2.	Organic Carbon	%	0.370	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India, Sec.4 -17, Page No 83.: 2011
3.	Moisture Content	%	10.4	IS 2720 (Part - II): 1973
4.	Chloride	mg/kg	53.2	US EPA/SW 846 Method 9253: 1996
5.	Sulphate	mg/kg	62.4	IS 2720 (Part 27): 1977
6.	Available Nitrogen	mg/kg	98.0	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India, Sec.4 -17, Page No 89: 2011
7.	Available Phosphorous	mg/kg	8.64	Physical and Chemical methods of Soil and Water Analysis Food and Agriculture Organization of the United Nations (FAO) Sec. III, 12 - 1, Sodium Bicarbonate Extraction Olsen Blue Method Page No.157.: 1984
8.	Total Cadmium	mg/kg	BQL (LOQ:2)	US EPA/SW 846 Method 3050B: 1996, 7000B Rev. 02: 2007
9.	Total Chromium	mg/kg	43.2	US EPA/SW 846 Method 3050B:1996, 7000B Rev.02: 2007
10.	Total Copper	mg/kg	187	US EPA/SW 846 Method 3050B:1996, 7000B Rev.02: 2007

Reviewed and authorised by

Harish Mendhi

Harish Mendhi
Technical Manager
Chemical Testing

Page 1 of 2
QF/SALE/02
Issue No 03
Date 05.12.2019.
Amd 03 Date
18.07.2023



TC-7487



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



SE-0330250305

Report No.:	ME-0330250305	Date: 15.03.2025
ULR No.:	TC748725000004510F	

Sr. No.	Parameter	Unit	Result	Method Reference
11.	Total Lead	mg/kg	13.2	US EPA/SW 846 Method 3050B:1996, 7000B Rev.02: 2007
12.	Total Zinc	mg/kg	61.2	US EPA/SW 846 Method 3050B:1996, 7000B Rev.02: 2007

END OF REPORT

- Note:**
1. BQL: Below Quantification Limit.
 2. LOQ: Limit of Quantification.
 3. All results are expressed 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

Page 2 of 2
QF/SALE/02
Issue No 03
Date 05.12.2019.
Amd 03 Date
18.07.2023

Reviewed and
authorised by

Harish Mendhi
Technical Manager
Chemical Testing



TC-7487



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



SE-0330250305

Report No.:	ME-0330250305N	Date: 15.03.2025
ULR No.:	-	

Name and Address of Customer	Matrix Developers Pvt. Ltd. "Forest Trails", CTS. Nos.16/1,19/1,21/1,21/1/2,35/1, 35/2,36(P),38/1,40/1,44/5 to 113/1/7, Village Bhugaon, Tal. Mulshi, Dist. Pune.		WO No.: Verbal WO Date: -
Sample Description / Type	Soil	Sampling Done by	Laboratory
Sampling Location	Project Site	Sample Quantity / Packing	1 kg X 1 No. Polythene bag
Date of Sampling	04.03.2025	Date of Receipt of Sample	05.03.2025
Sampling Procedure	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India		
Date of Start of Analysis	07.03.2025	Date of Completion of Analysis	15.03.2025

Sr. No.	Parameter	Unit	Result	Method Reference
	<u>Discipline: Chemical Testing; Product Group: Pollution & Environment (Soil)</u>			
1.	Oil & Grease	mg/kg	BQL (LOQ:5)	CPCB (HW)manual ,Page No.156

END OF REPORT

- Note:**
1. BQL: Below Quantification Limit.
 2. LOQ: Limit of Quantification.
 3. All results are expressed as received basis.
 4. The result listed refers only to the tested sample(s) and applicable parameter(s).
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Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000074381

Submitted Date

30-09-2024

PART A

Company Information

Company Name

Paranjape Schemes (Construction) Ltd.,

Application UAN number

MPCB-CONSENT-00000189312

Address

"Forest Trails"., Sr. No. 16, 19, 21, 35, 36, 38, 40, 44, 80, 83, 84, 85, 86, 88 to 103, 106, 112, 113, Village. Bhugaon, Tal. Mulshi, Dist. Pune.

Plot no

Sr. No. 16, 19, 21, 35, 36, 38, 40, 44, 80, 83, 84, 85, 86, 88 to 103, 106, 112, 113

Taluka

Mulshi

Village

Bhugaon

Capital Investment (In lakhs)

28767

Scale

L.S.I

City

Pune

Pincode

412115

Person Name

Apoorv Ranade

Designation

Environment Manager

Telephone Number

9766627013

Fax Number

0

Email

mahabal.thane61@gmail.com

Region

SRO-Pune II

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/CAC-CELL/UAN
No.0000189312/CE/2403002015

Consent Issue Date

2024-03-20

Consent Valid Upto

2029-03-20

Establishment Year

2015

Date of last environment statement submitted

Sep 20 2022 12:00:00:000AM

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

Product Information

Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

Ltr/A

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

Ltr/A

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
	0.00	0.00
Cooling	0.00	0.00
Domestic	1620.00	0.00
All others	0.00	0.00
Total	1620.00	0.00

2) Effluent Generation in CMD / MLD			
Particulars	Consent Quantity	Actual Quantity	UOM
Domestic Effluent	1269	0	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	Ton/Y

4) Fuel Consumption			
Fuel Name	Consent quantity	Actual Quantity	UOM
HSD	0	0	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) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
NA	0	0	0	0	NA

[B] Air (Stack)					
Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
NA	0	0	0	0	NA

Part-D

HAZARDOUS WASTES			
1) From Process			
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	Kg/Annum

2) From Pollution Control Facilities

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

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	Kg

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	Kg/Day
NA	0	0	SqMtr/D

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	MT/A

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	MT/A	NA

2) Solid Waste

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

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)
NA	NA	0

[B] Investment Proposed for next Year

<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
NA	NA	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

NA

Name & Designation

Mr. Apoorv Ranade

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000074381

Submitted On:

30-09-2024



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000074357

Submitted Date

30-09-2024

PART A

Company Information

Company Name

Paranjape Schemes (Construction) Ltd.

Application UAN number

MPCB-CONSENT-00000166103

Address

"Forest Trails"., Sr. No. 16, 19, 21, 35, 36, 38, 40, 44, 80, 83, 84, 85, 86, 88 to 103, 106, 112, 113, Village. Bhugaon, Tal. Mulshi, Dist. Pune.

Plot no

Sr. No. 16, 19, 21, 35, 36, 38, 40, 44, 80, 83, 84, 85, 86, 88 to 103, 106, 112, 113

Taluka

Mulshi

Village

Bhugaon

Capital Investment (In lakhs)

12801

Scale

L.S.I

City

Pune

Pincode

412115

Person Name

Apoorv Ranade

Designation

Environment Manager

Telephone Number

9766627013

Fax Number

0

Email

mahabal.thane61@gmail.com

Region

SRO-Pune II

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/CAC-CELL/UAN
No.0000166103/CE/2311000941

Consent Issue Date

2023-11-10

Consent Valid Upto

2028-11-10

Establishment Year

2019

Date of last environment statement submitted

Sep 17 2023 12:00:00:000AM

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

Product Information

Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

Ltr/A

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

Ltr/A

Part-B (Water & Raw Material Consumption)

<u>1) Water Consumption in m3/day</u>		
Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
	0.00	0.00
Cooling	1066.00	650.00
Domestic	0.00	0.00
All others	0.00	0.00
Total	1066.00	650.00

<u>2) Effluent Generation in CMD / MLD</u>			
Particulars	Consent Quantity	Actual Quantity	UOM
Domestic Effluent	906	520	CMD

<u>2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)</u>			
Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
NA	0	0	CMD

<u>3) Raw Material Consumption (Consumption of raw material per unit of product)</u>			
Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
NA	0	0	Ton/Y

<u>4) Fuel Consumption</u>			
Fuel Name	Consent quantity	Actual Quantity	UOM
HSD	910	234	Ltr/Hr

Part-C

<u>Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)</u>					
<u>[A] Water</u>					
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		
pH	0	7.5	0	6.5 To 9	With in Permissible Limit
COD	0	29	0	50	With in Permissible Limit
BOD	0	9	0	10	With in Permissible Limit
TSS	0	20	0	10	With in Permissible Limit

[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		
	Quantity	Concentration	%variation	Standard	Reason
DG set 82.5 kVA TPM	0	28	0	150	With in Permissible Limit
DG set 82.5 kVA SO2	0	16	0	-	With in Permissible Limit
DG set 125 kVA TPM	0	29	0	-	With in Permissible Limit
DG set 125 kVA TPM	0	22	0	-	With in Permissible Limit

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	25	20	Ltr/A

2) From Pollution Control Facilities

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

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Biodegradable waste	1500	1500	Kg
Non Biodegradable	1000	1000	Kg
STP sludge	50	50	Kg

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	Kg/Day
NA	0	0	SqMtr/D

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	MT/A

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
5.1 Used or spent oil	20	MT/A	Sale to Auth. Party/Recycler

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Biodegradable	1500	Kg	After Composting use as a manure for gardening
Non Biodegradable Waste	1000	Kg	Segregate and Hand over to Local Body / sales to crap Merchant
STP Sludge	50	Kg	used as manure

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)
NA	NA	5

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	5

Part-I

Any other particulars for improving the quality of the environment.

Particulars

NA

Name & Designation

Mr. Apoorv Ranade Environment Manager

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000074357

Submitted On:

30-09-2024