



Shivam Developers <shivamdeveloperskandivali@gmail.com>

Six Monthly Compliance Monitoring Report_October 2025 to March 2026_Shivam Developers

1 message

Shivam Developers <shivamdeveloperskandivali@gmail.com>

Fri, Jun 19, 2026 at 4:28 PM

To: ecompliance-mh@gov.in

Bcc: pristineconsultants@gmail.com

Dear Sir,

This is with reference to the Environmental clearance letter **SEAC-2010/CR.280/TC.2 Dt. 08.09.2010**. Amendment in EC letter **no: SEIAA-EC-0000000414 dt.17.09.2018**. Amendment in EC letter **no SEIAA-EC-0000001625 dt. 25.06.2019**. from the Environment Department of Government of Maharashtra.

Enclosed herewith **Six Monthly Compliance Monitoring Report** for the period of **October 2025 to March 2026** along with duly filled data sheet for Residential cum Commercial Project with **SRA Scheme at village Akurli, Kandivali (East)**, Mumbai, State – Maharashtra.

Thanks & Regards,
Shivam Developers



Six Monthly Compliance Monitoring Report _October 2025 To March 2026 _Shivam Developer.pdf
3087K



SHIVAM DEVELOPERS

218, Prem Baug, Ground Floor, Sir Bhalchandra Road, Matunga (E), Mumbai 400 019. Tel.: +91-22-2411 8627 / +91-22-2412 8824

Date:.....

To,
Ministry of Environment, Forest & Climate Change,
Regional office (WCZ),
Ground Floor E wing,
New Secretariat Building, Civil Line,
Nagpur - 440 001

Sub: Submission of Compliance Report for Residential cum Commercial Project with SRA Scheme at village Akurli, Kandivali (East), Mumbai, State - Maharashtra.

Ref: 1.Environmental Clearance letter no. SEAC-2010/CR.280/TC.2 Dt. 08.09.2010.
2. Amendment in EC letter no: SEIAA-EC-0000000414 dt.17.09.2018.
3. Amendment in EC letter no SEIAA-EC-0000001625 dt. 25.06.2019

Dear Sir,

This is with reference to Environmental Clearance letter No. SEAC-2010/CR.280/TC.2 Dt. 08.09.2010; Amendment in EC letter no. SEIAA-EC-0000000414 dt.17.09.2018; Amendment in EC letter no SEIAA-EC-0000001625 dt.25.06.2019 from Environment Department of Government of Maharashtra.

We are enclosing here with the detailed Compliance report (from October 2025 to March 2026) along with duly filled data sheet.

Thanking you,
Yours faithfully,
For SHIVAM DEVELOPERS

Authorized Signatory



Enclosed: Copy of Compliance Report for the period of from October 2025 to March 2026.

Cc:

1. Regional Office, MPCB, Sion Mumbai.
2. Environment Department, Mantralaya, Mumbai

COMPLIANCE REPORT

(OCTOBER 2025 TO MARCH 2026)

For

RESIDENTIAL CUM COMMERCIAL PROJECT WITH SRA SCHEME

(Environmental Clearance Letter No. SEAC-2010/CR.280/TC.2 Dt. 08.09.2010)

(Amendment in EC letter no: SEIAA-EC-0000000414 dt.17.09.2018)

(Amendment in EC letter no SEIAA-EC-0000001625 dt. 25.06.2019)

At

Plot Bearing CTS no. 163-A (pt) of Village Akurli, Kandivali (East),
Mumbai, State – Maharashtra

Proposed By

M/s. SHIVAM DEVELOPERS.

PROJECT DETAILS

Sr.No	Particulars	Details						
1	Project type :River- valley/mining /Industry/Thermal/Nuclear/other(specify)	Construction Project						
2	Name of the Project	Proposed Residential cum Commercial Project with SRA Scheme.						
3	Clearance letter(s)/OM and Date	Environmental clearance letter SEAC-2010/CR.280/TC.2 Dt. 08.09.2010. Amendment in EC letter no: SEIAA-EC-0000000414 dt.17.09.2018. Amendment in EC letter no SEIAA-EC-0000001625 dt. 25.06.2019.						
4	Location	Plot Bearing CTS no. 163-A/2 (pt) of Village Akurli, Kandivali (East), Mumbai, State – Maharashtra						
	a) District(s)	Mumbai						
	b) State(s)	Maharashtra						
	c) Latitude/Longitude	19°11'47.79"N 72°52'02.92"E						
5	Address of correspondence							
	a) address of concerned Project Chief Executive (with pin code & telephone/telex/fax numbers)	Mr. Girish Chheda M/s. Shivam Developers 218, Prem Baug, Sir Bhalchandra Road, Matunga C.R., Mumbai 400019 Tel.no.:9987262088 E mail:girishchheda@gmail.com						
	b) Address of Executive Project Engineer /Manager (with pin code/fax numbers)	Same as above						
6	Salient features							
	a) of the Project	8 Rehab buildings and 4 sale buildings Sale : 2362 Nos Fitness centre in each sale building Rehab : Flats : 2132 nos, Res/Comm:26 no, Comm:292 Nos PAP:20 Ns , Ammentities 741 nos Dispensary.						
	b) of the Environmental Management Plan	Details of the Sewage Treatment Plant, Rain Water Harvesting and Solid waste management are given in Annexure						
7	Break up of the project area							
	a) submergence area : forest & non-forest	NA						
	b) Others	Total Plot area: 6,3918.35 m ² <table><tr><td>FSI area</td><td>2,29,862.84 m²</td></tr><tr><td>Non FSI area</td><td>1,99,893.45 m²</td></tr><tr><td>Total Construction Area:</td><td>4,29,756.29 m²</td></tr></table>	FSI area	2,29,862.84 m ²	Non FSI area	1,99,893.45 m ²	Total Construction Area:	4,29,756.29 m ²
FSI area	2,29,862.84 m ²							
Non FSI area	1,99,893.45 m ²							
Total Construction Area:	4,29,756.29 m ²							

8	Break up of the project affected population with enumeration of those losing houses/dwelling unit only agricultural land only, both dwelling units & agricultural land & landless laborers/	N. A.	
	a) SC, ST / Adivasi	N.A.	
	b)others (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey carried out gives details and years of survey)	N.A.	
9	Financial details:		
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference	Rs.904.00 Crore	
	b) Allocation made for environmental management plans with item wise and year wise break-up	Capital Cost	1452 Lakhs
		Operation & Maintenance Cost	275 Lakhs/ year
	c) Benefit cost ratio/Internal rated of Return and the year of assessment	N.A.	
	d) Whether (c) includes the cost of environmental management as shown in the above	N.A.	
	e) Actual expenditure incurred on the environmental management plans so far	N.A.	
10	Forest land requirement	No Forest Land Required.	
	a) The status of approval for diversion of forest land for non-forestry use	N.A.	
	b) The status of clearing felling	N.A.	
	c) The status of compensatory	N.A.	
	d) afforestation, if any	N.A.	
	e) Comments on the viability & sustainability of compensatory afforestation programme in the light of actual field experience so far	N.A.	
11	The status of clear felling in non-forest area (such as submergence area of reservoir, approach roads), if any with quantitative information	N.A.	
12	Status of construction		
	a) Date commencement (Actual and/or planned)	Construction started after receipt of EC	
	b) Date of completion (Actual and/or planned)		
13	Reasons for the delay if the project is yet to start	NA	
14	Dates of site visits		
	a) The dates on which the project was monitored by the Regional office on previous occasions, if any	The Project was monitored by official of MoEF Regional Office, Nagpur on 04.07.2017	

	b) Date of site visit for this monitoring report	The Project was monitored by official of MoEF Regional Office, Nagpur on 04.07.2017
15	Details of correspondence with project authorities for obtaining action plans / information on status of compliance to safeguards other than the routine letters for logistic support for site visits) (The first monitoring report may contain the details of all the letters issued so far, but the later reports may cover only the letters issued subsequently)	Environmental clearance letter SEAC-2010/CR.280/TC.2 Dt. 08.09.2010 Amendment in EC letter no: SEIAA-EC-0000000414 dt.17.09.2018 Amendment in EC letter no SEIAA-EC-0000001625 dt. 25.06.2019. Received from SEIAA, Maharashtra

**Present Status of Proposed Residential cum Commercial Project with SRA Scheme at
Village Akurli, Kandivali (East), Mumbai, State – Maharashtra.**

Rehab Building A-4	Part Ground + 18 th Floor Completed.
Rehab Building A-5	Ground + 18 th Floor Completed.
Sale Building S-1	21 st floor R.C.C. & Finishing work of all 4 wings Completed. .
Sale Building S-2	• Wing A- R.C.C. & Finishing work Completed. . • Wing B - R.C.C. & Finishing work Completed. • Wing C - R.C.C. & Finishing work Completed • Wing D - R.C.C. & Finishing work Completed • Wing E – foundation work is in progress • Wing F – foundation work is in progress
Rehab Building A-1	• Foundation work is pogress

Compliance to Amendment in EC letter no SEIAA-EC-0000001625 dt. 25.06.2019. at Village Akurli, Kandivali (East), Mumbai, State – Maharashtra.

SPECIAL CONDITION		
	Condition	Compliance
i)	PP to submit the copy of HRC NoC.	Noted The height of the existing constructed building is below 120 m, and the proposed building height is also below 120 m. Therefore, an HRC NOC is not required.
ii)	PP to submit the Civil Aviation NoC, if applicable	Noted As per the CCZMA map project site is within the 150m zone. Considering the site elevation of approximately 20.8 m, the maximum permissible building height is 129.2 m. The proposed/constructed building height is within this permissible limit and complies with the relevant statutory requirements.
iii)	PP to upload the dated Architect certificate addressed to committee regarding building-wise construction done on site as per earlier EC.	Complied We have submitted architect certificate during appraisal of the project.
iv)	PP to upload the copy of acknowledgement for plan submitted to local planning authority	Complied during the appraisal of project. Received the approved plan from SRA Mumbai dated 14.06.2016.
v)	The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC	Not applicable
vi)	PP to submit CER plan to Municipal Commissioner and submit the acknowledgement copy to submitted to Member Secretary, SEIAA.	Not applicable as per the MoEF & CC OM vide letter no.22-65/2017-IA.III dated 30.09.2020.
vii)	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-IA.III dt. 04.01.2019	We agree
viii)	SEIAA decided to grant EC for :FSI:154017.72 m2, Non-FSI: 131085.50 m2 and Total BUA: 285103.22m2 (IOD no-SRA /Eng /1395/RS/MH/LOI) Date-14.06.2016.	We agree

GENERAL CONDITIONS		
	Conditions	Compliance
i)	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	The household E-waste has been disposed through Authorized vendor as per E- waste (Management and Handling) Rules, 2016.
ii)	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	Noted
iii)	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	Not Applicable
iv)	PP has to abide by the conditions stipulated by SEAC& SEIAA.	Yes we agree
v)	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same before approving layout plan & before according commencement certificate to proposed work. ULB should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	Building plans are approved by SRA as per norms.

GENERAL CONDITIONS		
	Conditions	Compliance
vi)	"Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment Department before start of any construction work at the site.	Consent for establish was obtained from the State Pollution Control Board vide letter no. BO/ RO(HQ) /Mumbai/CE/CC-17 dated 20.10.2010. Consent to Operate : Format1.0/CAC-CELL /UAN No.0000122489 /CO /2310001918 dated 26/10/2023. Revalidation of the Consent to Establish : Format1.0/CAC-CELL/UAN No.0000197618/CE/2406001108 dated 12/06/2024. Consent to Operate : Format1.0/CAC-CELL/UAN No.0000197105 /CO /2406001111 dated 12/06/2024 Renewal of Consent to Operate Format1.0/RO/UAN No.0000222422/CR/2507001257 dated. 10.07.2025. Renewal of Consent to Operate for CHS vide letter no Format1.0/RO/UAN No.0000222422 / CR/2507001257 date 10.07.2025.
vii)	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Temporary sanitation with separate toilets for workers are provided on the site. Generated sewage is treated in the existing STP provided on site.
viii)	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Sanitation and BMC water Supply is provided to Worker. The waste generated from the labour camps is mostly household waste which is collected and disposed in existing OWC system
ix)	The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	The Solid waste is properly collected and disposed off in municipal bins during construction phase.

GENERAL CONDITIONS		
	Conditions	Compliance
x)	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approval sites with the approval of competent authority.	The construction waste has been disposed as per guidelines by paying the royalty. All safety precautions have been taken on the site. The safety nets, barricading to plot boundary, water spraying at source of dust and noise pollution mitigation measures are taken.
xi)	Arrangement shall be made that waste water and storm water do not get mixed.	The Storm water drains and sewer lines has been separately provided on site This arrangement shall ensure that storm water and sewage will not mix.
xii)	All the topsoil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.	The top soil could not be preserved on site as the entire site had slums on it.
xiii)	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	Natural drainage system of area is not disturbed. The construction is done by taking advantage of natural contour. No additional soil is required for leveling.
xiv)	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dpt.	The landscape will be developed considering CPCB guidelines including selection of plant species. The tree species which planted will be of local variety Plantation of 67 nos tree in S1 is complete as per tree NOC Plantation of 88 nos tree in S2 is complete as per tree NOC for phase
xv)	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	The soil sample from the project site is tested regularly from MoEF recognized laboratory. The monitoring reports are attached.

GENERAL CONDITIONS		
	Conditions	Compliance
xvi)	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminant watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.	Such types of hazardous wastes are not expected to be generated in this activity. However, the disposal of the same shall be done as per CPCB / MPCB norms applicable to hazardous waste.
xvii)	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	No hazardous waste generated during construction and operation phase. As it is Residential project. However, the disposal of the same shall be done as per CPCB /MPCB norms applicable to hazardous waste.
xviii)	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	No DG set used at site for construction phase. DG installed on site for the completed building. DG is used for the emergency purpose. S1-400 KVA S2-750 KVA
xix)	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	There is no storage of diesel on site.
XX	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	- Regular maintenance of construction vehicles is carried out to keep them in good condition. - The PUC certificate is mandatory for the vehicle carrying construction material. Site In-charge, Mr. Mayank Trivedi regularly checks the PUC certificates of vehicle carrying material. - Adequate parking space is made available for construction vehicles inside the construction premises to lessen the impacts on traffic in surrounding areas

GENERAL CONDITIONS		
	Conditions	Compliance
XXI	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.	The noise levels as well as air pollution are monitored regularly from MoEF recognized laboratory. Monitoring reports are attached
XXII	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27 th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations)	Fly ash containing bricks (AAC Type) are used for construction.
XXIII	Ready mixed concrete must be used in building construction.	Ready mix concrete is used for building construction.
XXIV	Storm water control and its re-use as per CGWB and BIS standards for various applications.	The provision of Roof top rain water harvesting through collection tank is made. The stored water is utilized for flushing purpose. The overflow of the tank is connected to the Municipal Storm Water drains. The Storm water drains are constructed as per SRA's approval.
XXV)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Complying the same by use of pre-mixed concrete, curing agents and other best practices in NBC
XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	The water quality is monitored through MoEF recognized laboratory. As regards to ground water level we will consult with ground water authority

GENERAL CONDITIONS		
	Conditions	Compliance
XXVII	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled / reused to the maximum extent possible. Treatment of 100% gray water by decentralized treatment should be done. Discharge of unused treated effluent shall conform to the norms and standards of the Maharashtra Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP.	The dual plumbing system has been provided at site to recycle the treated water for flushing purpose The plant is designed as per standards prescribed by Maharashtra Pollution Control Board.  STP's of capacity 570 KLD (Rehab) and 280 KLD (sale S1) are provided on site. For S2 building 360 KLD capacity of STP work is completed.
XXVIII	Permission to draw ground water shall be obtained from the competent Authority prior to construction/ operation of the project.	We are not using ground water. In the project.
XXIX	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	Instead of grey and black water separation, we have made the provision of STP Dual plumbing lines are used for recycling water and fresh water.
XXX	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	Water efficient sanitary fixtures have been provided.
XXXI	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	The use of glass is less than 40%
XXXII	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Roof is as per the prescriptive requirement specified in Energy Conservation Building Code Roofing material: Total 8" thick (Slab + 2" Brick bat Coba + China Chips flooring)

GENERAL CONDITIONS		
	Conditions	Compliance
XXXIII	Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters systems. Project proponent should install, after checking feasibility, solar plus hybrid non conventional energy source as source of energy.	Solar panels are installed on site for completed buildings. No of Solar Panel installed at S1 Building – 64 Nos No of Solar Panel installation in progress at S2 Building for Wing A,B,C,D – 189 Nos
XXXIV	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	During operation phase the provision of DG Sets is as per EPA-1986 as well as, guidelines for DG Set installation are followed. All DG Sets is with acoustic enclosures and will be using low Sulphur diesel. The stack heights is as per MPCB prescribed norms.
XXXV	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	The noise levels are monitored regularly from MoEF recognized laboratory. Monitoring reports are attached

GENERAL CONDITIONS		
	Conditions	Compliance
XXXVI	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Entry & exit to the proposed project are located in such way that it won't affect traffic on the adjoining roads. Also sufficient parking is provided.
XXXVII	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	The buildings are not air-conditioned, these are Rehabilitation buildings for slum dwellers hence ECBC code is not applicable in the instant case. However, we have used 6" AAC blocks (Autoclaved Aerated Concrete Blocks) and additional 2" of plaster resulting in the U value of 0.56 w/m ² °k for the effective insulation against the Heat gain.
XXXVIII	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	The Buildings have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation to the premises.
XXXIX	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	Mr. Mayank Trivedi is site in-charge who is responsible for regular supervision on environmental measures
XL	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	We have obtained environmental clearance vide letter no . SEAC-2010/CR.280/TC.2 Dt. 08.09.2010. Amendment in EC letter no: SEIAA-EC-0000000414 dt.17.09.2018 Amendment in EC letter no SEIAA-EC-0000001625 dt. 25.06.2019. As per the EC, we have started the construction.
XLI	Six monthly monitoring reports should be submitted to the Department and MPCB.	The six-monthly Compliance Monitoring Reports to Regional Office, MoEF, Env.Dept. Govt. of Maharashtra and MPCB have been submitted.

GENERAL CONDITIONS		
	Conditions	Compliance
XLII	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.	STP, green belt, MSW and OWC facilities has been developed for completed buildings.
XLIII	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.	Wet garbage has been treated by Organic Waste Converter and treated waste (manure) is utilized in the existing premises for gardening. OWC of capacity 1000 kg/d (Rehab A4 & A5) and 700 Kg/d (Sale building S1) are installed on site.
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	Noted
XLV	A complete set of all the documents submitted to Department should be forwarded to the MPCB.	We have submitted all the project details and plans to MPCB while applying to Consent to Establish and operate.
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	We have applied for amendment in environmental clearance for change in the area and layout. Accordingly we have received the amended EC letter no: SEIAA-EC-0000000414 dt.17.09.2018 Amendment in EC letter no SEIAA-EC-0000001625 dt. 25.06.2019.

GENERAL CONDITIONS		
	Conditions	Compliance
XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	At present project head himself is managing environment issues. However, the Cell shall be formed and it shall be responsible for necessary environmental safeguards.
XLVIII	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	The funds for implementation of environmental protection measures/EMP are provided as per planned requirement. Expenditure on EMP is being done as planned. However, year-wise expenditure was not submitted to MPCB & Env. Dept. as the project is still under progress. All the environmental infrastructure like STP, Rainwater harvesting and Solar PV panels are installed for the constructed buildings
XLIX	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://envis.maharashtra.gov.in	The advertisement was given in two local news papers. Copy of the same was submitted along compliance reports.
L	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 st June & 1 st December of each calendar year.	We have submitted the compliance report to the MoEF, MPCB and Environmental Department Mantralaya.

GENERAL CONDITIONS		
	Conditions	Compliance
(LI)	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	We have submitted EC copy to Municipal corporation. We have uploaded the EC letter on our Company Website www.shivamrealty.com
LII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (Ambient level as well as stack emissions) or critical sectoral 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.	The monitoring Reports are sent with Compliance reports to MoEF, Nagpur and MPCB.
LIII	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	The monitoring Report was sent with Compliance reports to MoEF, Nagpur and MPCB.

GENERAL CONDITIONS		
	Conditions	Compliance
LIV	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 Officers of MoEF by e-mail.	Six monthly reports regarding the status of compliance of EC conditions are regularly sent to all mandated authorities.
4	The environmental clearance is being issued without prejudice to the 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 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	We understand the issue and shall be abided accordingly
(5)	In case of submission of false document and non compliance of stipulated conditions, Authority/ Environment department will revoke or suspend the environmental clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.	we agree
(6)	The Environmental department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	Agreed and Noted

GENERAL CONDITIONS		
	Conditions	Compliance
(7)	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015..	Noted.
(8)	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any	We have amended the EC for changes in earlier EC dated 2018 and 2019.
(9)	The above stipulations would be enforced among others under the Water (Prevention and control of pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	Noted
(10)	Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under section 11 of the National Environment Appellate Act, 1997.	Noted

ANNEXURE – I

PROJECT DETAILS

Name of the Project	Proposed Residential cum commercial project with SRA Scheme
Project Proponent	M/s. Shivam Developers
Location of the project	Plot bearing CTS No. 163-A9 (pt) of village Akurli, at Hanuman Nagar, Kandivali (E), Mumbai

AREA STATEMENT

Sr. No.	Details	Area
1	Total Plot area	63,918.35 m ²
2	Built up area as FSI	2,29,862.84 m ²
3	Built up area as Non- FSI	1,99,893.45 m ²
4	Total Built up area	4,29,756.29 m ²

ANNEXURE – II

SOLID WASTE MANAGEMENT PLAN

- Total Solid waste Generation: 11,570 kg/day
- Wet Garbage: 6,942 kg/day
- Dry Garbage: 4,628 kg/day
- The biodegradable and non-biodegradable waste has been segregated at source of waste generation. Then non biodegradable waste has been separately disposed in municipal waste disposal system.
- Biodegradable garbage has been composted using mechanical composting
- STP Sludge has been used as manure

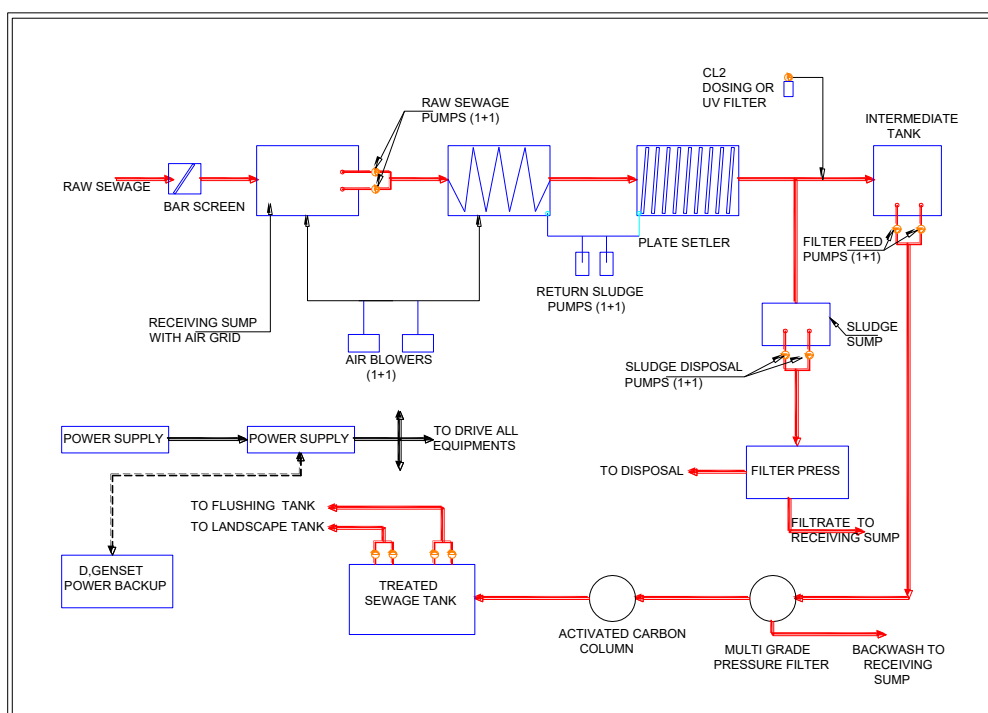
ANNEXURE III

SEWAGE TREATMENT PLANT

STP UNITS

Name of the Unit	Purpose
Bar Screen Chamber	For removing unwanted floating materials
Equalization Tank	To even out the flow variations, and continuous uniform mixing operations with coarse bubble.
Aeration Tank	Activated Sludge Process For developing the bacterial culture, which stabilizes the waste aerators.
Secondary clarifier/Plate settler	To separate out the solids from the treated sewage, And to separate clear supernatant water, Clarifloculator has been proposed with flash mixer to add coagulant to allow more settlement of fine particles.
Pre- Filtration Tank	To collect the supernatant clear water from the settling tank for further treatment.
Filter Press	A Sludge holding tank has been provided with filter press for dewatering sludge. Sludge cakes shall be used as manure.
Pressure Sand Filter	To filter out minute suspended solids if any in the treated water.
Activated Carbon Filter	To remove color and Odor if any in the filtered water.
Final holding tank	To collect the final treated water from the outlet of Activated carbon filter for reuse

STP FLOW SHEET



ANNEXURE IV

WATER BUDGET

Water Demand	Quantity	Unit
Water consumption	3118	m ³ /day
Sewage generation	2908	m ³ /day
STP capacity	3000	m ³ /day
Excess Treated Water to proposed sewer Line	1770	m ³ /day
Fresh water	2059	m ³ /day
Recycled water	1180	m ³ /day

ANNEXURE V

ENVIRONMENTAL MANAGEMENT PLAN
DURING CONSTRUCTION PHASE

Sr. No.	Environmental Components	Predicted Impacts	Probable source of Impact	Mitigation Measures	Remarks
CONSTRUCTION PHASE					
1.	Ambient Air Quality	Negative impact inside construction site premises. No negative impact outside site.	Dust emissions from excavation, air emissions from machinery and other construction activities at site.	Dust reduction measures such as road watering. Periodic maintenance of construction equipment. Use of good quality fuels. Use of Personal Protective Equipments	Impacts are temporary during construction phase. Impacts are confined to short distances, as coarse particles get settle within the short distance from activities.
2.	Noise	Negative impact near noise generation sources inside premises. No significant impact on ambient noise levels in the surrounding area.	Noise generated from construction activities and operation of construction equipment and DG sets	Use of well maintained equipment. Heavy construction activity limited to day-time hours only. Use of noise mufflers in and construction vehicle. Use of earplugs/muffs by construction staff.	Temporary impacts during construction phase. No blasting or other high noise activities envisaged.
3.	Water	No significant negative impact.	Surface runoff from project site. Oil/fuel and waste spills. Improper debris disposal. Discharge of sewage from labour camp.	Silt fences to reduce run-off Secondary containment and dykes in material storage areas. Sewage treatment in septic tanks.	Labour employed to reduce size of labour camps. No perennial surface water resource adjacent to site.

4.	Land	Minor negative impact	Excavation, Construction debris, waste from labour camp.	Reutilization and recycling of construction debris Waste from labour camps collected and composted on site. Non compostable waste is transported to landfill site. Topsoil is conserved and used for landscaping in functional phase.	-
5.	Aesthetics	Minor negative impacts	Construction activities and Excavation	The impacts are compensated by extensive tree plantation and gardening in the use phase.	Short term impact restricted only in the initial stages of construction.

ANNEXURE VI

EMP COST DURING OPERATION PHASE

Component	Capital Cost (Rs. In Lakhs)	O & M Cost (Rs. In Lakhs/year)
STP (Tertiary)	600	120
Solar	400	30
Rainwater harvesting	118.5	12.0
Solid Waste Composting plant	210	84
Gardning	123.5	25
Environemental Monitoring	00	04
Total Cost	1452	275

ANNEXURE VII

ADVERTISEMENT



"Shivam Developers"

Our proposed modernization/ amendment in Environmental Clearance for Residential Project with SRA Scheme at Land bearing plot CTS No. 163 A(pt) of village Akurli, Kandivali (E), Mumbai, Maharashtra, was accorded the Environmental Clearance from the Environment Department, Government of Maharashtra.

The copy of the Environmental clearance letter is available with Maharashtra Pollution Control Board website at www.ecmpcb.in

**ANNEXURE VII
SITE PHOTOGRAPHS**

LABOUR CAMP



TOILET FACILITY PROVIDED ON SITE



DRINKING FACILITY PROVIDED



STP OF 280 KLD CAPACITY



OWC



OWC



RG / TREE PLANTTAION ON SITE



SOLAR PANEL INSTALLED ON SITE



RG / TREE PLANTTAION ON SITE



SOLAR PANEL INSTALLED ON SITE



DG SET



PUC CERTIFICATE



PUC CERTIFICATE

Form 59
(See rules 115 (2))

Pollution Under Control Certificate
Authorized By: Government of Maharashtra

Date: 13/03/2025
Time: 11:11:03 AM
Validity upto: 12/03/2026

Vehicle No. MH04LY1087
Registration No. 279WAC2024
Date of Registration: January 2024
Veh. Make/Model: Mahindra Scorpio
Veh. Model Number: 2024
Engine No. 2024
Fuel: DIESEL
Poll. Code: MH04LY1087
Date of Test: 13/03/2025
Test Station: No. 120/000
Test Station Address: No. 120/000

Vehicle Photo with Registration plate 80 mm x 30 mm

Sr. No.	Pollutant (As applicable)	Units (As applicable)	Emission Index	Measured Value (Upper & decimal places)
1	Carbon Monoxide (CO)	percentage (%)	2000 ± 200	0.7
2	Hydrocarbon (THC) (HC)	ppm	2000 ± 200	0.55
3	CO	percentage (%)	2000 ± 200	0.7
4	HC	ppm	2000 ± 200	0.55
5	Smoke Density	Light absorption coefficient	1.40	0.55

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

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

Authorized Signature with stamp of PUC Operator
80mm x 20 mm

PUC CERTIFICATE

Form 59
(See rules 115 (2))

Pollution Under Control Certificate
Authorized By: Government of Maharashtra

Date: 13/03/2025
Time: 11:08:53 AM
Validity upto: 12/03/2026

Vehicle No. MH04LY1073
Registration No. 279WAC2024
Date of Registration: January 2024
Veh. Make/Model: Mahindra Scorpio
Veh. Model Number: 2024
Engine No. 2024
Fuel: DIESEL
Poll. Code: MH04LY1073
Date of Test: 13/03/2025
Test Station: No. 120/000
Test Station Address: No. 120/000

Vehicle Photo with Registration plate 80 mm x 30 mm

Sr. No.	Pollutant (As applicable)	Units (As applicable)	Emission Index	Measured Value (Upper & decimal places)
1	Carbon Monoxide (CO)	percentage (%)	2000 ± 200	0.7
2	Hydrocarbon (THC) (HC)	ppm	2000 ± 200	0.62
3	CO	percentage (%)	2000 ± 200	0.7
4	HC	ppm	2000 ± 200	0.62
5	Smoke Density	Light absorption coefficient	1.40	0.62

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

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

Authorized Signature with stamp of PUC Operator
80mm x 20 mm

PUC CERTIFICATE

Form 59
(See rules 115 (2))

Pollution Under Control Certificate
Authorized By: Government of Maharashtra

Date: 14/07/2025
Time: 14:07:00 PM
Validity upto: 14/07/2026

Vehicle No. MH04LY1087
Registration No. 279WAC2024
Date of Registration: January 2024
Veh. Make/Model: Mahindra Scorpio
Veh. Model Number: 2024
Engine No. 2024
Fuel: DIESEL
Poll. Code: MH04LY1087
Date of Test: 14/07/2025
Test Station: No. 120/000
Test Station Address: No. 120/000

Vehicle Photo with Registration plate 80 mm x 30 mm

Sr. No.	Pollutant (As applicable)	Units (As applicable)	Emission Index	Measured Value (Upper & decimal places)
1	Carbon Monoxide (CO)	percentage (%)	2000 ± 200	0.7
2	Hydrocarbon (THC) (HC)	ppm	2000 ± 200	0.55
3	CO	percentage (%)	2000 ± 200	0.7
4	HC	ppm	2000 ± 200	0.55
5	Smoke Density	Light absorption coefficient	1.40	0.55

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

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

Authorized Signature with stamp of PUC Operator
80mm x 20 mm

[illegible]



Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB) and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT

Test Report No: -

GESEC/PRO/AAQM/2025-26/01/3002

Sample ID: -

GESEC/PRO/AAQM/2025-26/01/3002

Report Date

24.01.2026

Name & Address of the Customer

M/s. SHIVAM DEVELOPERS.

Proposed Residential cum Commercial Project with SRA Scheme at Plot Bearing CTS no. 163-A/2 (pt) of Village Akurli, Kandivali (East), Mumbai, State – Maharashtra

AMBIENT AIR SAMPLE DETAILS

Type

Sampling Location

Sampling Time (Total Hrs)

Ambient Air

Project Site

8 Hrs.

Date of Sampling

Sample Receipt Date

Analysis Start Date

Analysis End Date

19.01.2026

20.01.2026

20.01.2026

23.01.2026

Parameters

Method

Unit

NAAQ Standards

Result

Particulate Matter PM₁₀

CPCB Guidelines, Volume I, 36/2012-13, Page no. 11

µg/m³

≤ 100

82.6

Particulate Matter PM_{2.5}

CPCB Guidelines, Volume I, 36/2012-13, Page no. 15

µg/m³

≤ 60

36.7

Sulphur Dioxide (SO₂)

CPCB Guidelines, Volume I, 36/2012-13, Page no. 01

µg/m³

≤ 80

30.5

Oxide of Nitrogen (NO₂)

CPCB Guidelines, Volume I, 36/2012-13, Page no. 07

µg/m³

≤ 80

42.7

Remark-

➤ All above results are within National Ambient Air Quality standards.

Mr. Vinod Hande
(Technical Manager)

Reviewed & Authorized By

END OF REPORT

Page 1 of 1

Terms and conditions

1. The report is refer only to the sample tested and not applies to the bulk.
2. The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
3. The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
4. Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
5. We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
6. If on site their is no proper sampling location, Source or port available the results of testing are not challenge.
7. MoEF approved Lab by Govt. of India. till 28/02/2026 and NABL approved by Quality Council of India. till 28/02/2026.



Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)
and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT			
Test Report No: -	GESEC/PRO/ANLM/2025-26/01/3003	Report Date	24.01.2026
Sample ID: -	GESEC/PRO/ANLM/2025-26/01/3003		
Name & Address of the Customer	M/s. SHIVAM DEVELOPERS. Proposed Residential cum Commercial Project with SRA Scheme at Plot Bearing CTS no. 163-A/2 (pt) of Village Akurli, Kandivali (East), Mumbai, State – Maharashtra		
AMBIENT NOISE SAMPLE DETAILS			
Type	Ambient Noise		
Standard method	As Per IS: 9989:2020		
Date of Monitoring	19.01.2026		
Timing of Monitoring	Unit	Results	CPCB Standards dB(A)
Location	Project site		
Day	dB(A) Leq	54.2	55
Night	dB(A) Leq	44.8	45
Remark-			
➤ Limit During Day time < 55. (Day time shall mean from 6.00 am to 10.00 pm.) Limit During Night time < 45. (Night time shall mean from 10.00 pm to 6.00 am.)			
  Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By			

END OF REPORT

Page 1 of 1

Terms and conditions

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
- If on site their is no proper sampling location, Source or port available the results of testing are not challenge.
- MoEF approved Lab by Govt. of India. till 28/02/2026 and NABL approved by Quality Council of India. till 28/02/2026.

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)
 and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT				
Test Report No – GESEC/PRO/DW/2025-26/01/3004		Date of Reporting		24.01.2026
Sample ID - GESEC/PRO/DW/2025-26/01/3004		Sample Details		Drinking Water
Name & Address of the Customer - M/s. SHIVAM DEVELOPERS. Proposed Residential cum Commercial Project with SRA Scheme at Plot Bearing CTS no. 163-A/2 (pt) of Village Akurli, Kandivali (East), Mumbai, State – Maharashtra		Type of Sample		Water
		Volume Of Sample		2 Lit Plastic Can
		Sample Status		Sealed
		Date of Sample Collection		19.01.2026
		Analysis start Date		20.01.2026
		Analysis End Date		23.01.2026
		Sampling Location :		Project site
WATER ANALYSIS REPORT				
Parameter	Result	Limits as per IS 10500:2012	Unit(s)	Standard Method
Physical Parameter				
Turbidity	<1	Max1	NTU	APHA 2130 B24 th Edition:2023
TDS	96	Max 500	mg/l	APHA 2540 C 24 th Edition:2023
Color	<5	Max 5	Hazen	APHA 2120 B 24 th Edition:2023
Chemical Parameter				
pH	8.35	6.5 to 8.5	--	APHA 4500 H+ B 24 th Edition:2023
Total Hardness	142	Max 200	mg/l	APHA 2340 C 24 th Edition:2023
Total Alkalinity	108	Max 200	mg/l	APHA 2320 B 24 th Edition:2023
Sulphate	BDL	Max 200	mg/l	APHA 4500-SO4 - E 24 th Edition:2023
Chloride	26.3	Max 250	mg/l	APHA 4500-Cl-B 24 th Edition:2023
Calcium (as Ca)	12.6	Max 75	mg/l	APHA 3500-Ca B 24 th Edition:2023
Magnesium (as Mg)	7.8	Max 30	mg/l	IS 3025 (Part 46):2023
Elemental Analysis				
Iron as Fe	<0.1	Max 0.3	mg/l	EPA200.7
Microbiological Parameter				
Total Coliform	Absent	Absent	/100ml	FSSAI manual Microbiology methods FSSAI 15.025:2023
E.coli.	Absent	Absent	/100ml	FSSAI manual Microbiology methods FSSAI 15.025:2023
Remark(s): ➤ T The above water sample is Comply with required limit as per IS 10500: 2012 (Reaff.2023) for above tested parameters.				



Vinod Hande
Mr. Vinod Hande
 (Technical Manager)
 Reviewed & Authorized By

END OF REPORT

Page 1 of 1

Terms and conditions

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
- If on site their is no proper sampling location, Source or port available the results of testing are not challenge.
- MoEF approved Lab by Govt. of India. till 28/02/2026 and NABL approved by Quality Council of India. till 28/02/2026.



Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)
and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT

Test Report No: GESEC/PRO/SL/2025-26/01/3005	Date of Report	24.01.2026
Sample ID: GESEC/PRO/SL/2025-26/01/3005	Date of Sampling	19.01.2026
Name and Address of the Customer – M/s. SHIVAM DEVELOPERS. Proposed Residential cum Commercial Project with SRA Scheme at Plot Bearing CTS no. 163-A/2 (pt) of Village Akurli, Kandivali (East), Mumbai, State – Maharashtra.	Start Date of Analysis	20.01.2026
	End Date of Analysis	23.01.2026
	Sample Details	soil
	Nature of sample	solid

Parameter	Result	Unit	Standard Method
Colour	Black	--	By Visual
pH	8.16	--	Manual Soil Testing in India (Dept of Agriculture and cooperation, Ministry of Agri Gov. of India, page No.77 : 2011
Water Content/Moisture	2.8	%	ICARDA-Methods of soil, Plant and water analysis, Page No. 26:2013
Electrical Conductivity	8.8	mhos/Cm	ICARDA-Methods of soil, Plant and water analysis, Page No. 67-68:2013
Organic Carbon	10.7	%	ICARDA-Methods of soil, Plant and water analysis, Page No. 74 :2013
Cation Exchange Capacity	58.8	Meq/100g m	ICARDA-Methods of soil, Plant and water analysis, Page No.78 & 79 :2013
Available Nitrogen	74.3	mg/Kg	ICARDA-Methods of soil, Plant and water analysis, Page No. 90-93:2013
Available Phosphorous as PO ₄	81.6	mg/Kg	ISRIC, Page No.14-1:2002
Available Potassium as K	70.3	mg/Kg	Food and agriculture organization Sec III,8-1, Page no115
Sodium	4.8	mg/kg	USEPA SW 846/6010 C
Copper	<2	mg/kg	GESEC/LAB/SOP/ICP-OES/05
Zinc	<2.5	mg/kg	GESEC/LAB/SOP/ICP-OES/05
Total Chromium	<5	mg/kg	GESEC/LAB/SOP/ICP-OES/05
Cadmium	<5	mg/kg	GESEC/LAB/SOP/ICP-OES/05
Lead	<1	mg/kg	GESEC/LAB/SOP/ICP-OES/05



Vinod Hande
Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By

END OF REPORT

Page 1 of 1

Terms and conditions

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
- If on site their is no proper sampling location, Source or port available the results of testing are not challenge.
- MoEF approved Lab by Govt. of India. till 28/02/2026 and NABL approved by Quality Council of India. till 28/02/2026.