

SHIV PARVATI CO-OP. HOUSING SOCIETY LTD.

MUM/TNA/MHADA/HSG/(TC)/12658/2010-11

SP

HIG. Plot No. "B" RSC-54, Charkop, Mahavir Nagar Circle, Near Shankar Mandir, Kandivali (W), Mumbai - 400 067

To,
Maharashtra Pollution Control Board,
Kalpataru Point, 3rd and 4th floor,
Road No. 8, Sion Cercal,
Opp. PVR Theater, Mumbai,
Maharashtra - 400022.

Date: 01.06.2024

Subject : Submission of Six-Monthly Compliance Report for the Period of **June 2024** for Proposed residential and commercial project "Shiv Parvati Co-Op. Housing Society Ltd." at Plot bearing Plot No. "B", RSC-54, MHADA Layout Charkop Part-IV, C.T.S No. 1 C/1 (part) of village, Kandivali (West), Mumbai-400067, as per the Environmental Clearance received **dated 18th September, 2018.**

Reference : Environment Clearance Letter Received **dated 18th Sept.2018.**

Respected Sir,

With reference to above subject, we have obtained an Environmental Clearance for sproposed residential and building project "Shiv Parvati Co-Op. Housing Society Ltd" at Plot bearing Plot No. "B", RSC-54, MHADA Layout Charkop Part-IV, C.T.S No. 1 C/1 (part) of Village, Kandivali (West), Mumbai-400067.

Our Project was recommended in by State Level Environment Impact Assessment Authority in **137th** meeting. Environmental Clearance is granted with conditions on dated 18th September 2018.

As per the condition stipulated in the Environmental Clearance letter, we are hereby submitting our **Six Monthly Compliance Report for June 2024** with due Annexures (Environment Monitoring Reports) for our project.

We hereby request you to kindly accept the same.

Thanking you,

Yours Faithfully,

For Shiv Parvati Co-Op. Hsg. Soc. Ltd.


Secretary



**ENVIRONMENTAL CLEARANCE
SIX MONTHLY COMPLIANCE REPORT**

FOR THE PERIOD

OF

JUNE 2024

FOR

**PROPOSED RESIDENTIAL BUILDING-
“SHIV PARVATI C.H.S.L”**

**AT PLOT BEARING, PLOT NO. B, RSC-54, MHADA LAYOUT
CHARKOP PART – IV, C.T.S NO. 1 C/1 (PART) OF VILLAGE,
KANDIVALI (W), MUMBAI – 400067**

AT

**VILLAGE KANDIVALI (W), MUMBAI,
MAHARASHTRA.**

BY

**M/S. SHIV PARVATI CO-OP HOUSING SOCIETY LTD, PLOT NO.
B LTD**

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INTRODUCTION

The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-II, Maharashtra in its meeting and recommend the project for prior environmental clearance to SEIAA.

Information submitted by proponent has been considered by State Level Environment Impact Assessment Authority in its **137th** meetings. It is noted that the proposal is considered by SEAC- II under screening category 8 a (B2) as per EIA Notification 2006.

ENVIRONMENTAL CLEARANCE DETAILS-

The proposal has been considered by SEIAA in its **137th** meeting dated **August 24, 2018** (SEIAA Statement 0000001545) & with date of issue of EC – **18th September, 2018** (EC Identification No. – SEIAA-EC- 0000000453) decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of specific and general terms and conditions C.H.S.

PROJECT DETAILS

SR. NO.	PARTICULARS	BASIC INFORMATION
1.	Name of Project	Proposed Residential Building Project – “Shiv Parvati C.H.S.L” On Plot Bearing Plot No. B, RSC-54, MHADA Layout Charkop Part-IV, C.T.S No. 1 C/1 (part) of village, Kandivali (W), Mumbai – 400067.
2.	Name of Project Proponent, Address & Email Id	M/s. Shiv Parvati Co-Op. Housing Society Ltd. Plot No. B Plot No. B, RSC-54, MHADA Layout Charkop Part - IV, C.T.S. No.1C/1 (part) of village, Kandivali (W), Mumbai - 400067.
3.	Name of Qualified Building Environment Auditor (QBEA)	NA
4.	Accreditation of Consultant (NABET/QCIAccreditation)	M/s. Enviro Analyst and Engineers Pvt. Ltd
5.	Location of the Project	Plot NO. B, RSC – 54, MHADA Layout Charkop Part – IV, C.T.S No. 1 C/1 (part) of village, Kandivali (W), Mumbai – 400067 at Village Kandivali (W), Mumbai. (MCGM).

6.	Note on the initiated work (If Applicable)	Total constructed work (FSI + Non FSI) – 9,611.92 sq.mt. (FSI area – 6,161.05 sq.mt. + Non FSI area – 3,450.87 sq.mt.)
7.	LOI/NOC from MHADA/ Other Approvals (If Applicable)	NOC from MHADA obtained NO. CO/MB/REE/NOC/F-874/99/2018 dtd. 15/1/2018

8.	Total Plot Area (Sq. m.)	5,507 Sq.m.		
9.	Deductions	42.23 Sq.m.		
10.	Net Plot Area in Sq.m	5,464.77 Sq.m.		
11.	Proposed Built Up area (FSI & Non FSI)	FSI Area (Sq.m): 23,693.20		
		Non FSI Area (Sq.m) : 11,867.82		
		Total BUA Area (Sq.m): 35561.02		
12.	Total Ground Coverage (Sq. m) & Its % (Note: Percentage of Plot not open to sky)	3,024.74 (55.35 %)		
13.	Estimated Cost of the Project	RS. 139 Crores.		
14.	Number of buildings & its configuration	Sr. No.	Building Name & Number	Number of Floors
		1 no.	Wing A, Wing B, Wing C and Wing D	Stilt +1 st Podium + 2 nd to 21 st Floors

CURRENT STATUS OF CONSTRUCTION

CONSTRUCTION ACTIVITIES STATUS

S.NO.	DETAILS	PRESENT STATUS
1.	Total built up area proposed for EC	35561.02 Sq. m
2.	Constructed area	27920.45 Sq. m
3.	Proposed Building Configuration	Wing A, Wing B, Wing C and Wing D: Stilt +1 st Podium + 2 nd to 21 st Floors for residential use and Parking Tower between Tower B & C comprising 33 levels as per approved plan dated 24.11.2023
4.	Construction status of buildings	Tower – A & B work completed all respect, Tower – C, RCC slabs, masonry works, internal, external plaster with finishing works is completed, Internal External Painting Electric Wiring, Conducting work, window, door frames completed, Tower – D, 10 th RCC slabs completed with Brick work etc.
5.	Other completed structures	Tower A, B & C, overhead, Underground water tank completed, terrace pavers tiles work, Plum concrete filling work Ground level, Services in surrounding work completed, Tower A & B Passenger lift installation completed, Tower C lift installation work is in progress.
6.	Status of STP	Tower A & B work Completed Tower C & D work in progress
7.	Parking status	Tower A & B, Stack, Pit & Puzzle Parking Completed, and Parking Tower works in Progress.
8.	Status of OWC/ Biogas Plant	OWC Completed
9.	Status of Rain Water Harvesting	Work in progress
10.	Status of green belt development	Work in progress

Onsite Photographs



Tower A



Tower B



Tower C



Tower D

ENVIRONEMNTAL CLEARANCE CONDITION

EC Identification No.- SEIAA-EC-0000000453 dated 18.09.2018

As per the integrated environmental conditions of the EC letter, following are the EC conditions stipulated for the project and point-wise compliance status of each of the conditions as on date of this report.

Sr. No.	Conditions	Compliance	Annex	Photo
Specific Conditions:				
1.	SEIAA Decided to grant EC for FSI area: 23693.20 m2, Non FSI area: 11867. 82 m2 and Total BUA: 35561.02 m2.	Noted.	--	--
General conditions for construction phase-				
1.	E-waste shall be disposed through authorized vendor as per e-waste (management and handling) rules, 2016.	Noted. E-waste shall be disposed through authorized vendor as per E-waste (management and handling) rule 2016.	--	--
2.	The occupancy certificate shall be issued by the local planning authority to the project only after ensuring sustained availability of drinking water,connectivity of sewer line to the projectsite and proper disposal of Treated water as per environmental norms.	Noted. Water permission is received from BMC, sewer line NOC is received. STP is designed for constructed building. Also, for proposed building above conditions will be applicable.	--	--
3.	This environmental clearance is issued subject to obtaining NOC from forestry & wild life angle including clearance from the standing committee of the national board for wild life as if applicable & this environment clearance does not necessarily implies that forestry & wild life clearance granted to the project which will be considered separately on merit.	Not applicable. There is no forest or wild life century is within 10 km radius.	--	--
4.	PP has to abide by the conditions stipulated by SEAC & SEIAA.	Noted and adhere too.	--	--
5.	The height, construction built up area of proposed construction shall be in accordance with the existing FSI/ FAR norms of the urban local body & it should	Noted.	--	--

	ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.			
6.	If applicable consent for establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the environment department before start of any construction work at the site.	Noted.	--	--
7.	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Noted. All facilities are provided for the workers and laborer's and will be maintained throughout the construction phase.	--	--
8.	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Noted. All facilities are provided for the workers and laborer's and will be maintained throughout the construction phase.	--	--
9.	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.	Noted.	--.	
10.	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Noted and shall be complied.	--	--
11.	Arrangement shall be made that waste water and storm water do not get mixed.	Waste water will be treated in sewage treatment plant and reused for flushing and gardening purpose and excess treated sewage will be send to sewer line where as stormwater will be send through	--	--

		storm water line from roof area. All precautions will be taken to do not mix both.		
12.	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Noted.	--	--
13.	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	Noted. Shall be complied.	--	--
14.	Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ agriculture Dept.	Noted and adhere too.	--	--
15.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Noted.	--	--
16.	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.	Noted.	--	--
17.	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	Noted and adhere too.	--	--
18.	The diesel generator sets to be used during construction phase should be low Sulphur diesel type and should Conform to environments (protection) rules prescribed for air and noise emission standards.	Noted and complied too.	--	--
19.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	Not applicable	--	--

20.	Vehicles hired for bringing construction material to the site should be in good condition and should have a Pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours	Noted and complied too. Vehicles which come to construction site shall be checked for PUC and conform to applicable air and noise emission standards and should be operated only during non-peak hours. Also, water sprinkling is done and landscape development is done to reduce the air and noise pollution.	--	--
21.	Ambient noise levels should conform to residential standards both during day and night. Incremental Pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.	Noted.	--	--
22.	Fly ash should be used as building material in the construction as per the provisions of fly ash notification of September 1999 and amended as on 27th august, 2003. (The above condition is applicable only if the project site is located within the 100km of thermal power stations).	Noted.	--	--
23.	Ready mixed concrete must be used in building construction.	Noted.	--	--
24.	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Noted.	--	--
25.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Noted and adhere too.	--	--
26.	The ground water level and its quality should be monitored regularly in consultation with ground water authority.	Not applicable	--	--

27.	The installation of the sewage treatment plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/ refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.	Noted and adhere too	--	--
28.	Permission to draw ground water and construction of basement if any shall be obtained from the competent authority prior to construction/operation of the project.	Noted.	--	--
29.	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	STP is provided for existing building and also proposed for proposed buildings.	--	--
30.	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.	Noted. 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	--	--
31	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	Noted.	--	--
32.	Roof should meet prescriptive requirement as per Rain conservation building code by using appropriate Thermal insulation material to fulfill requirement.	Noted and shall be complied too.	--	--

33.	Energy conservation measures like installation of CFLs/ TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking.	Noted.	--	--
34.	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (protection) act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low Sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	Noted and shall be complied.	--	--
35.	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	Noted. All precaution will be taken during the construction phase and operational phase.	--	--
36.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Noted and adhere too.	--	--
37.	Opaque wall should meet prescriptive requirement as per energy conservation building code, which is Proposed to be mandatory for all air- conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate	Noted.	--	--

	thermal insulation material to fulfill requirement.			
38.	The building should have adequate distance between them to allow movement of fresh air and passage of Natural light, air and ventilation.	Noted.	--	--
39.	Regular supervision of the above and other measures for monitoring should be in place all through the Construction phase, so as to avoid disturbance to the surroundings.	Noted.	--	--
40.	Under the provisions of environment (protection) act, 1986, legal action shall be initiated against the project Proponent if it was found that construction of the project has been started without obtaining Environmental Clearance.	Noted. Environmental clearance is obtained for whole project.	--	--
41.	Six monthly monitoring reports should be submitted to the regional office MOEF, Mumbai with copy to this Department and MPCB.	Noted. EC compliance shall be done regularly.	--	--
42.	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line no physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in para 2. Prior certification from appropriate authority shall be obtained.	Noted	--	--
43.	Wet garbage should be treated by organic waste converter and treated waste (manure) should be utilized in the existing premises for gardening and no wet garbage will be disposed outside the premises. Local authority should ensure this	Noted.	--	--
44.	Local body should ensure that no occupation certification is issued prior to	Noted and adhere too.	--	--

	operation of STP/MSW site etc. with due permission of MPCB.			
45.	A complete set of all the documents submitted to department should be forwarded to the local authority and MPCB	Noted.	--	--
46.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	Noted.	--	--
47.	A separate Environment Management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Noted. Separate environment management cell with qualified staff is appointed for implementation of the stipulated environmental safeguards	--	--
48.	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the Environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the MPCB & this department.	EMP Cost Capital Cost : 45 Lacks O & M : 4 Lacks	--	--
49.	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of Clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at website http://ec.maharashtra.gov.in	Noted	--	--
50.	Project management should submit half yearly compliance reports in respect of the stipulated prior Environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 st	Noted. EC compliance shall be done regularly.	--	--

	June & 1st December of each calendar year.			
51.	A copy of the clearance letter shall be sent by proponent to the concerned municipal corporation and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Noted.	--	--
52.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the Company in the public domain.	Noted. EC compliance shall be done regularly.	--	--
53.	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.	Noted. EC compliance shall be done regularly.	--	--
54.	The environmental statement for each financial year ending 31st March in form-V as is mandated to be submitted by the project proponent to the concerned state pollution control board as prescribed under the Environment (protection) rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional offices of MOEF by e-mail.	Noted.	--	--



Sadekar Enviro Engineers Private Limited

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ANALYSIS TEST REPORT

Report No	SEETL/Project/AR/05/2024/126	Report Date	21/05/2024
Name of Client	M/s. Shiv Parvati CHSL		
Address of Client	On Plot Bearing Plot NO. B, RSC – 54, MHADA Layout Charkop Part – IV, C.T.S No. 1 C/1 (part) at village, Kandivali (W), Mumbai – 400067		
Order / Reference	-		
Date of sampling	16/05/2024	Sample Receipt Date	17/05/2024
Analysis Started on	17/05/2024	Analysis Completed On	21/05/2024
ULR No.	-		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32
Sample Collected By	SEETL Representative		
Environmental Condition of Lab	Temperature (°C)	25.3	Humidity (%) 54

AMBIENT AIR STATION

Location of H.V.S.	Near Main Gate		
Lateral Distance	5.0 Meter from Gate		
Receptor Distance	3.0 Meters from Ground Level		
Ambient Temperature (°C)	28	Humidity (%)	46
Wind Speed (km/hr)	10	Wind Direction (deg ⁰)	NE 45
Instruments Used	R.D.S.(APM- 460), F.P.S.(APM – 550) & G.P.S.(APM – 411), Benzene Sampler (APM 856)		

POLLUTIONAL PARAMETERS

Parameters	Result	Units	NAAQS Limits	Method
PM ₁₀	59.30	µg/m ³	100.00	IS 5182 (Part 23) 2006 RA: 2022
PM _{2.5}	28.12	µg/m ³	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
Sulphur dioxide (SO ₂)	18.21	µg/m ³	80.00	IS 5182 (Part 2/ Sec 1): 2023
Nitrogen dioxide (NO ₂)	23.07	µg/m ³	80.00	IS 5182 (Part 6): 2006 RA: 2022
Carbon monoxide (CO)	0.90	mg/m ³	04.00	IS 5182 (Part 10): 1999 RA 2019
Ozone (O ₃)	15.18	µg/m ³	180.00	IS 5182 (Part 9): 1974 RA: 2019

- NOTE:** 1) The above results relate only to the item tested & the condition prevailing at the time of sampling
2) PM₁₀-Particulate Matter of size < 10 µm, PM_{2.5} - Particulate Matter of size < 2.5 µm
3) NAAQS-National Ambient Air Quality Standards
4) Detection Limit (NH₃ <20 µg/m³), (Pb <0.10 µg/m³), (C₆H₆ <4 µg/m³), (As <5 ng/m³), (Ni <5 ng/m³), (Benzo(a)Pyrene < 0.1 ng/m³)
5) This certificate may not be reproduced without the permission of this Laboratory.



Authorized Signatory
Nilesh Naik

Page 1 of 2

Format No. SEETL/LD/F-72

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• Lab Certified by ISO 9001:2015 & ISO 45001 : 2018



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ANALYSIS TEST REPORT

Report No	SEETL/Project/N/05/2024/127-134	Report Date	21/05/2024
Name of Client	M/s. Shiv Parvati CHSL		
Address of Client	On Plot Bearing Plot NO. B, RSC - 54, MHADA Layout Charkop Part - IV, C.T.S No. 1 C/1 (part) at village, Kandivali (W), Mumbai - 400067		
Order / Reference	-		
Date of Monitoring	16/05/2024	Time of Sampling	Day/Night
ULR No.	-		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32
Monitored By	SEETL Representative		

NOISE LEVEL MONITORING

Sampling Location (From 1 meter away)	Noise Levels in dB(A) Leq* Day Time	Noise Levels in dB (A) Leq* Night Time
AMBIENT NOISE LEVEL MONITORING		
East	55.3	48.1
West	56.1	49.6
North	52.8	46.3
South	53.5	47.2

Method:- IS 9989:1981 RA: 2023

- NOTE: 1) Limit During Day time < 75. (Day time shall mean from 6.00 am to 10.00 pm.)
2) Limit During Night time < 70. (Night time shall mean from 10.00 pm to 6.00 am.)
3) dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
4) A "decibel" is a unit in which noise is measured.
5) "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human hear.
6) Leq: It is the energy mean of the noise level over a specified period.
7) This certificate may not be reproduced without the permission of this Laboratory.

***** END OF THE REPORT*****



Authorized Signatory
Nilesh Naik

Format No. SEETL/LD/F-72

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ANALYSIS TEST REPORT				
Report Number	SEETL/Project/S/05/2024/184		Report Date	22/05/2024
Name of Client	M/s. Shiv Parvati Developers			
Address of Client	Proposed Residential Building Project – "Shiv Parvati C.H.S.L" on Plot Bearing Plot NO. B, RSC – 54, MHADA Layout Charkop Part – IV, C.T.S No. 1 C/1 (part) at village, Kandivali (W), Mumbai – 400067			
Order /Reference	-			
Sample Collection Date	16/05/2024	Sample Receipt Date	16/05/2024	
Analysis Started On	16/05/2024	Analysis Completed On	22/05/2024	
ULR Number	-			
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/SA-32	
Environmental Condition	Temp ° C	24.8	Humidity %	59
Sample Point	At project site			
Sample Details	Soil Sample			
Sample Container	Polythene Bag	Sample Quantity	1 kg	
Sample Collected By	SEETL Representative			
Sr. No.	Parameters	Results	Unit	Method
1	pH	7.10	-	IS 2720 (Part 26) : 1987 RA 2021
2	Electrical Conductivity	1.04	mS/cm	IS 14767: 2000
3	Natural Moisture Content	18.6	%	IS:2720 (PART 2/Section 1): 1973 RA 2020
4	Organic matter	1.22	%	Manual of Soil Testing in India, Dept. of Agriculture and Cooperation, GOI: 2011
5	Exchangeable Calcium	11.8	meq/100gm	
6	Exchangeable Magnesium	9.42	meq/100gm	
7	Nitrate	68.8	mg/kg	
8	Nitrite	1.82	mg/kg	IS 3025-Part-34: 1988:RA-2019
9	Total Nitrogen	633.00	mg/kg	IS 14684/4: 1999 RA 2019
10	Residual chlorine	1.08	mg/kg	IS 3025 (Part-26/5):2021
11	Chloride as Cl	288	mg/kg	IS 3025 (Part 32/2) :1988 :RA 2019
12	Sulphate as SO ₄	387	mg/kg	IS 2720 P-27 : 1977 RA 2020
13	Total Phosphate	85.8	mg/kg	IS 3025 Part-31/Sec1/3.1.2.1 & 5:2022
14	Arsenic as As	0.97	mg/kg	SEETL/LD/SOP/SA-22: 2017
15	Cadmium as Cd	0.17	mg/kg	SEETL/LD/SOP/SA-22: 2017
16	Chromium as Cr	38.6	mg/kg	SEETL/LD/SOP/SA-22: 2017
17	Cobalt as Co	17.64	mg/kg	SEETL/LD/SOP/SA-22: 2017
18	Copper as Cu	74.20	mg/kg	SEETL/LD/SOP/SA-22: 2017
19	Lead as Pb	2.42	mg/kg	SEETL/LD/SOP/SA-22: 2017


Authorized Signatory
Nilesh Naik

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• Lab Certified by ISO 9001:2015 & ISO 45001 : 2018



Sadekar Enviro Engineers Private Limited

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ANALYSIS TEST REPORT

Report Number	SEETL/Project/S/05/2024/184	Report Date	22/05/2024
Name of Client	M/s. Shiv Parvati Developers		
Address of client	Proposed Residential Building Project – "Shiv Parvati C.H.S.L" on Plot Bearing Plot NO. B, RSC – 54, MHADA Layout Charkop Part – IV, C.T.S No. 1 C/1 (part) at village, Kandivali (W), Mumbai – 400067		
Order/Reference	-		
ULR Number	-		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/SA-32
20	Manganese as Mn	598	mg/kg SEETL/LD/SOP/SA-22: 2017
21	Mercury as Hg	0.27	mg/kg SEETL/LD/SOP/SA-22: 2017
22	Nickel as Ni	31.4	mg/kg SEETL/LD/SOP/SA-22: 2017
23	Iron as Fe	3426	mg/kg SEETL/LD/SOP/SA-22: 2017
24	Potassium as K	342.00	mg/kg SEETL/LD/SOP/SA-22: 2017
25	Sodium as Na	434.00	mg/kg SEETL/LD/SOP/SA-22: 2017
26	Zinc as Zn	48.4	mg/kg SEETL/LD/SOP/SA-22: 2017
27	Color	Dark brown	- SEETL/LD/SOP/SA39: 2017
28	Soil texture	Sandy clay	-
	Grain Size Distribution		SEETL/LD/SOP/SA21: 2017
	Gravel	-	
	Sand	55.00	
	Silt	10.00	
	Clay	35.00	
29	Bulk Density	1.06	g/cm ³ SEETL/LD/SOP/SA 33 : 2017
30	Porosity	42.0	% SEETL/LD/SOP/SA38: 2017
31	Water holding Capacity	48.0	% SEETL/LD/SOP/SA 34: 2017

Note: Test results related only to the sample tested.

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: Retention Period of Sample is 8 days from the date of Analysis report.

*****END OF THE REPORT*****



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Nilesh Naik

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