

**SIX MONTHLY COMPLIANCE REPORT OF
STIPULATED CONDITIONS OF
ENVIRONMENTAL CLEARANCE
(January 2024 – June 2024)**

Of

**Proposed Slum Rehabilitation Scheme at C.T.S. no 6A (pt)
of village Malvani, C.T.S. no 3/A/1(pt) of village Charkop,
Situated at Bhabarkar Nagar, Kandivali west, Mumbai 400067**

**M/S. Dharti Nirman Builders & Developers (Mr. Milan
N. Gala)**

641, Ijmima Complex, Raheja Metroplex, Off. Link Road, Behind GSC,
Malad(W), Mumbai-400064

Submitted to

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

Project Details:

Sr. No.	Project details	
1.	Name of the project	Proposed Slum Rehabilitation Scheme at C.T.S. no 6A (pt) of village Malvani, C.T.S. no 3/A/1(pt) of village Charkop, Situated at Bhabarkar Nagar, Kandivali west, Mumbai 400067
2.	Name of the project proponent	M/S. Dharti Nirman Builders & Developers (Mr. Milan N. Gala)
3.	Clearance Identification No. and Date	EC Identification No. – EC22B038MH110591 dated 22/03/2022
4.	Area Statement: Plot Area: 6181.60 sq.m Deduction: 180.00 sq.m Net Plot Area: 6001.60 sq.m FSI: 21,736.38 sq.m Non FSI: 14,336.28 sq.m Total Construction Area: 36,102.62 sq.m	
5.	Total no. of flats	Rehab Building: 305 Flats+ 4 Balwadi+ 3 Flats+ 3 Society Office Sale Building: 234 Flats+ 2 Offices + 2 Fitness Center + 12 Shops Sale Building: 234 Flats + 15 Shops
6.	Water Requirement of the project	Waste Water Generation: 290 KLD Total Water Requirement: 322 KLD
7.	STP details	MBBR Technology
8.	Solid waste details	Wet Waste - 626 Kg/Day, Dry Waste – 418 Kg/Day Total Solid Waste – 1044 Kg/day

Monitoring the Implementation of Environmental Safeguards

Ministry of Environment & Forests
Regional Office (West Central Zone), Nagpur

Monitoring Report

PART – I

DATA SHEET

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)	:	Residential project category B2
2.	Name of the project	:	Proposed Slum Rehabilitation Scheme at C.T.S. no 6A (pt) of village Malvani, C.T.S. no 3/A/1(pt) of village Charkop, Situated at Bhabarkar Nagar, Kandivali west, Mumbai 400067.
3.	Clearance Identification No. and Date	:	EC Identification No. - EC22B038MH110591 dated 22/03/2022
4.	Location	:	Village- Mumbai
	a.	District (S)	: Mumbai Suburban
	b.	State (S)	: Maharashtra
	c.	Latitude/ Longitude	: Latitude- 19°12'16.9"N Longitude - 72°49'20.4"E
5.	Address for correspondence	:	M/S. Dharti Nirman Builders & Developers (Mr. Milan N. Gala) 641, Ijmima Complex, Raheja Metroplex, Off. Link Road, Behind GSC, Malad(W), Mumbai-400064
	a.	Address of Concerned Project Chief Engineer (with pin code & Telephone / telex / fax numbers	: Haresh L. Patel Office Address: 101, 'Ruby', Above Saraswat Bank , Holy Cross Road, I.C. Colony, Borivali West, Mumbai – 400103. Tel No. 28945467 Email.- info@hlpatel.com
	b.	Address of Executive Project: Engineer/Manager (with pincode/ Fax numbers)	: Shri. Atul Kulkarni Office Address: 101, 'Ruby', Above Saraswat Bank , Holy Cross Road, I.C. Colony, Borivali West, Mumbai – 400103. Tel No. 28945467

DATA SHEET

6.	Salient features		:	
	a.	of the project	:	Annexure A
	b.	of the environmental management plans	:	Annexure B
7.	Breakup of the project area		:	
	a.	submergence area forest & non-forest	:	Non-Forest
	b.	Others	:	Annexure –A
8.	Breakup of the project affected population with enumeration of those losing houses/dwelling units only agricultural land only, both dwelling units & agricultural land & landless laborers/artisan		:	Not Applicable
	a.	SC, ST/Adivasis	:	Not Applicable
	b.	Others (Please indicate whether these figures are based on any scientific And systematic survey carried out Or only provisional figures, it a Survey is carried out give details And years of survey)	:	Not Applicable
9.	Financial details		:	
	a.	Project cost as originally planned and subsequent revised estimates and the year of price reference	:	Cost of the project: Rs. 146 Crores
	b.	Allocation made for environmental management plans with item wise and year wise Break-up.	:	Yes. Attached as Annexure B

DATA SHEET

	c.	Benefit cost ratio/Internal rate of Return and the year of assessment	:	-
	d.	Whether (c) includes the cost of environmental management as shown in the above.	:	Yes.
	e.	Actual expenditure incurred on the environmental management plans so far	:	256 lakhs
10.	Forest land requirement		:	
	a.	The status of approval for diversion of forest land for non-forestry use	:	Not Applicable
	b.	The status of clearing felling	:	Not Applicable
	c.	The status of compensatory afforestation, if any	:	Not Applicable
	d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not Applicable
11.	The status of clear felling in Non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information		:	Not Applicable
12.	Status of construction		:	Undertaking attached
	a.	Date of commencement (Actual and/or planned)	:	21.8.2012
	b.	Date of completion (Actual and/or planned)	:	In 2024
13.	Reasons for the delay if the Project is yet to start		:	

DATA SHEET

14	Dates of site visits		:	
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:	-
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		:	Not Applicable
	(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.)		:	-

Current Status of Work

Current status of Construction work		Undertaking Letter
a.	Date of Commencement (Actual and/ or planned)	21.8.2012
b.	Date of completion (Actual and/ or planned)	In 2024

Undertaking Letter



Date:19/04/2024

Undertaking

We, M/s. Aakar Architects & Consultants are Architect for Proposed Slum Rehabilitation Scheme at C.T.S. no 6A (pt) of village Malvani, C.T.S. no 3/A/1(pt) of village Charkop, Situated at Bhabarkar Nagar, Kandivali west, Mumbai 400067 the said project has been obtained Environment Clearance (EC22B038MH110591 dated 22/03/2022). We are submitting herewith the current status of the project as follows:

Area statement as per EC received	In sq. m
Total Non-FSI area	21,736.38 sq.mt
Total FSI area	14,336.28 sq.mt
Total Construction Area	36,102.62 sq.mt
Construction done till date	36,102.62 sq.mt
Remarks	---

Thanking You,

Yours Faithfully,

For M/s. Aakar Architects and Consultants

Authorized Signatory
Reg. No. CA/2020/123522



Ground Floor, Satyanarayan Prasad Commercial Centre, Dayaldas Road, Vile Parle east, Mumbai: 400057, India.
Tel: + 91 22 2612 9933 / 44 / 55 / 66. www.aakararchitect.org

Six Monthly Compliance Report (January 2024 to June 2024)
M/S. Dharti Nirman Builders & Developers (Mr. Milan N. Gala)

COMPLIANCE MONITORING REPORT

Point wise compliance status to various stipulations laid down by the Government of Maharashtra as per the Environmental Clearance issued vide letter no. SIA/MH/MIS/262985/2022 dated 22nd March, 2022 as follows:

Sr. No.	Conditions	Status
Specific Conditions		
A. SEAC Conditions		
1.	PP to ensure that STP to be kept open minimum upto 40%.	Noted
2.	The discharge of treated sewage to be reduced to 35% as proposed during presentation	Noted
3.	PP to adopt water conservation measures by providing Low Flow Devices (LFD) as plumbing fixtures.	Noted
4.	PP to ensure that the energy savings from renewable sources shall be minimum 5%.	Noted
5.	PP to provide fire hydrant system along with all necessary Equipment's along with ladder for firearm at podium.	Noted
6.	The RG 1&2 area as shown in the plan is less than 125 Sq. meter hence it does not qualify as RG. PP to revisit the plan and provide RG area on ground as per Norms.	Noted
7.	PP to include Environment Monitoring plan in the Environmental Management plan & implement the same.	Noted
8.	PP to abide all conditions of NOCs granted by different authorities.	Noted
9.	The PP to get NOC from competent authority with reference to Thane	Noted

COMPLIANCE MONITORING REPORT

Sr. No.	Conditions	Status
	creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary, if applicable. The planning authority to ensure fulfilment of the condition before granting CCS.	
10.	PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Cooperation or collector or Environment Department.	Noted
A. SEIAA Conditions		
1.	PP has submitted a bank guarantee of Rs 2.46 Lakhs (Rs 2.46 Crores) to Maharashtra Pollution Control Board towards effective implementation of the EMP comprising remediation plan and Natural and Community Resource augmentation Plan. PP to complete implementation of the EMP comprising remediation plan and Natural and Community Resource augmentation Plan within 1 year of grant of Environment Clearance.	Noted
2.	PP to submit CER as applicable as per MoEF & CC circular dated 1.5.2018 in consultation with Municipal Cooperation	Noted
3.	PP shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF&CC vide F.no.22-34/2018-IA-III dt 04.01.2019.	Noted

COMPLIANCE MONITORING REPORT

Sr. No.	Conditions	Status
4.	SEIAA decided to decided to grant EC for- FSI: 21,736.38 m2, Non-FSI: 14,366.24 m2 and Total BUA: 31,102.62 m2 (Plan Approval no-Rehab Building: Occupation Certificate: SRA/ENG/2497/RS/STGL/AP dated 16.04.2018 Sale Building: IOA Letter: SRA/ENG/3092/RS/STGL/AP dated: 01.12.2018.	There seems to be mismatch in the calculation, the total construction area will be 36,102.62 sq.m
General Conditions		
a) Construction Phase		
I.	The solid waste generation should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	Noted
II.	Disposal of muck, Construction spoils, including bituminous material during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in the approved sites with the approval of the competent authority.	Noted
III.	Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	Noted
IV.	Adequate drinking water and sanitary facilities should be provided for construction workers at the site.	PP has reported that good quality drinking water supply is ensured by the proponent.

COMPLIANCE MONITORING REPORT

Sr. No.	Conditions	Status
	Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Waste water: Mobile Toilets for sanitary disposal of excreta are provided by the project proponent for construction workers during construction activity. Solid waste: Waste generated during the construction phase is handed over to MCGM
V.	Arrangement shall be made that waste water and storm water do not get mixed.	Noted
VI.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.	Noted
VII.	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	NA
VIII.	Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.	Noted
IX.	Fixtures for showers, toilet flushing and drinking water should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	Noted
X.	The Energy Conservation building code shall be strictly adhered to.	Noted
XI.	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	PP has reported that topsoil is stored within the site and will be used for landscaping

COMPLIANCE MONITORING REPORT

Sr. No.	Conditions	Status
XII.	Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	PP has reported that Additional soil will be used for site levelling purpose.
XIII.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Noted
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.	Noted
XV.	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	DG sets are used only during power failure.
XVI.	PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.	Noted
XVII.	Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.	PP has reported that all the vehicles bringing construction material have valid PUC certificate. All the vehicles do comply with relevant air and noise standard. The proponent has specifically instructed the subcontractors to run the vehicles during non-peak hours.

COMPLIANCE MONITORING REPORT

Sr. No.	Conditions	Status
XVIII.	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.	PP has reported that Barricades have been provided on site to reduce noise level
XIX.	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	DG sets are used only during power failure.
XX.	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell/designated person.	Noted
B) Operation Phase		
I.	a) The solid waste generated should be properly collected and segregated. b) Wet waste should be treated by Organic Waste Converter and treated	Noted

COMPLIANCE MONITORING REPORT

Sr. No.	Conditions	Status
	waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c) Dry/Inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	
II.	E-waste shall be disposed through Authorized vendor as per E-Waste (Management and Handling) Rules, 2016.	Noted
III.	a) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100% treatment to sewage/Liquid waste and explore the possibility to recycle at least 50% water, Local authority should ensure this.	Noted
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	Noted

COMPLIANCE MONITORING REPORT

Sr. No.	Conditions	Status
	occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement.	
V.	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	Noted
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.	Noted
VII.	PP to provide adequate electric charging points for electric vehicles (EV's).	Noted
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.	Noted
IX.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Noted
X.	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost.	Noted

COMPLIANCE MONITORING REPORT

Sr. No.	Conditions	Status
	The funds earmarked for the environment protection measures shall not be diverted for other purposes.	
XI.	The project management shall advertise at least two in 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	Noted
XII.	Project Management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.	Noted
XIII.	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Cooperation 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
XIV.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and	Noted

COMPLIANCE MONITORING REPORT

Sr. No.	Conditions	Status
	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 levels) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	
C) General EC Conditions		
I.	PP has to strictly abide by the conditions stipulated by SEAC&SEIAA.	Noted
II.	If applicable consent of 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.	It is obtained
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.	Noted
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	Noted

COMPLIANCE MONITORING REPORT

Sr. No.	Conditions	Status
	respective Zonal Office of CPCB and the SPCB.	
V	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Noted
VI.	No further Expansions 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.	Noted
VII.	The environmental clearance is issued subject to obtaining NOC from Forestry & Wildlife 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	Noted

COMPLIANCE MONITORING REPORT

Sr. No.	Conditions	Status
	project which will be considered separately on merit.	

List of Annexures

Annexure No	Annexure Name
1.	EC Copy
2.	Google Location
3.	Project Layout
4.	Consent to establish Copy
5.	Consent to operate Copy
6.	Environment Management Cell
7.	Monitoring Report

ANNEXURE 1 – ENVIRONMENT CLEARANCE COPY

<p>ENVIRONMENTAL CLEARANCE</p>	 <p>Government of India Ministry of Environment, Forest and Climate Change (Issued by the State Environment Impact Assessment Authority(SEIAA), Maharashtra)</p>																	
<p>PARIVESH (Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environmental Single-Window Hub)</p>	<p>To,</p> <p>The Proprietor MILAN GALA Dharti Nirman Builders & Developers, 641, Ijmima Complex, Raheja Metroplex, Off. Link Road, Behind GSC, Malad (W), Mumbai -400064</p>																	
	<p>Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding</p> <p>Sir/Madam,</p> <p>This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/MH/MIS/262985/2022 dated 22 Mar 2022. The particulars of the environmental clearance granted to the project are as below.</p> <table border="0"> <tr> <td>1. EC Identification No.</td> <td>EC22B038MH110591</td> </tr> <tr> <td>2. File No.</td> <td>SIA/MH/MIS/262985/2022</td> </tr> <tr> <td>3. Project Type</td> <td>New</td> </tr> <tr> <td>4. Category</td> <td>B2</td> </tr> <tr> <td>5. Project/Activity including Schedule No.</td> <td>B(a) Building and Construction projects</td> </tr> <tr> <td>6. Name of Project</td> <td>Proposed Slum Rehabilitation Scheme at C.T.S. no 6A (pt) of village Malvani, C.T.S. no 3/A/1(pt) of village Charkop, Situated at Bhabarkar Nagar, Kandivali west, Mumbai 400067.</td> </tr> <tr> <td>7. Name of Company/Organization</td> <td>MILAN GALA</td> </tr> <tr> <td>8. Location of Project</td> <td>Maharashtra</td> </tr> <tr> <td>9. TOR Date</td> <td>N/A</td> </tr> </table> <p>The project details along with terms and conditions are appended herewith from page no 2 onwards.</p> <p style="text-align: right;">(e-signed) Manisha Patankar Mhaiskar Member Secretary SEIAA - (Maharashtra)</p> <p>Date: 30/07/2022</p> <p><i>Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.</i></p> <p><i>This is a computer generated cover page.</i></p>	1. EC Identification No.	EC22B038MH110591	2. File No.	SIA/MH/MIS/262985/2022	3. Project Type	New	4. Category	B2	5. Project/Activity including Schedule No.	B(a) Building and Construction projects	6. Name of Project	Proposed Slum Rehabilitation Scheme at C.T.S. no 6A (pt) of village Malvani, C.T.S. no 3/A/1(pt) of village Charkop, Situated at Bhabarkar Nagar, Kandivali west, Mumbai 400067.	7. Name of Company/Organization	MILAN GALA	8. Location of Project	Maharashtra	9. TOR Date
1. EC Identification No.	EC22B038MH110591																	
2. File No.	SIA/MH/MIS/262985/2022																	
3. Project Type	New																	
4. Category	B2																	
5. Project/Activity including Schedule No.	B(a) Building and Construction projects																	
6. Name of Project	Proposed Slum Rehabilitation Scheme at C.T.S. no 6A (pt) of village Malvani, C.T.S. no 3/A/1(pt) of village Charkop, Situated at Bhabarkar Nagar, Kandivali west, Mumbai 400067.																	
7. Name of Company/Organization	MILAN GALA																	
8. Location of Project	Maharashtra																	
9. TOR Date	N/A																	

ANNEXURE 1 – ENVIRONMENT CLEARANCE COPY

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/262985/2022
Environment & Climate
Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s. Dharti Nirman Builders & Developers
(Mr. Milan N. Gala),
C.T.S. no 6A (pt) of village Malvani,
C.T.S. no 3/A/1(pt) of village Charkop,
Situated at Bhabarkar Nagar, Kandivali (W),
Mumbai.

Subject : Environmental Clearance for proposed Slum Rehabilitation Scheme at
C.T.S. no 6A (pt) of village Malvani, C.T.S. no 3/A/1(pt) of village
Charkop, Situated at Bhabarkar Nagar, Kandivali west, Mumbai by M/s.
Dharti Nirman Builders & Developers (Mr. Milan N. Gala)

Reference : Application no. SIA/MH/MIS/262985/2022

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SFAC-2 in its 132nd & 176th meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 199th & 246th (Day-1) meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

Sr. No.	Description	Details	
1	Proposal Number	SIA/MH/MIS/262985/2022	
2	Name of Project	Proposed Slum Rehabilitation Scheme at C.T.S. no 6A (pt) of village Malvani, C.T.S. no 3/A/1(pt) of village Charkop, Situated at Bhabarkar Nagar, Kandivali west, Mumbai 400067	
3	Project category	8(a) Building and Construction projects	
4	Type of Institution	Private	
5	Project Proponent	Name	M/s. Dharti Nirman Builders & Developers (Mr. Milan N. Gala)
		Regd. Office address	641, Ijmima Complex, Raheja Metroplex, Off. Link road, Behind GSC, Malad (W), Mumbai – 400 064

COMPLIANCE MONITORING REPORT

ANNEXURE 1 – ENVIRONMENT CLEARANCE COPY

		Contact number	8286572999			
		e-mail	dhartibnd@gmail.com			
6	Consultant	Enviro Policy Research India Pvt. Ltd. Certificate No – NABET/EIA/2124/IA0076 (Validity - 26.04.2024) Name: - Mr. Avick Sil Contact Details – 9833825875, avick1114@gmail.com, avick@eprindia.com				
7	Applied for	Fresh				
8	Location of the project	C.T.S. no 6A (pt) of village Malvani, C.T.S. no 3/A/1(pt) of village Charkop, Situated at Bhabarkar Nagar, Kandivali west, Mumbai 400067				
9	Latitude and Longitude	19°12'16.9"N 72°49'20.4"				
10	Plot Area (sq.m.)	6181.60				
11	Deductions (sq.m.)	180.00				
12	Net Plot area (sq.m.)	6001.60				
13	Ground coverage (m ²) &%	2313.50 37.42%				
14	FSI Area (sq.m.)	21,736.38				
15	Non-FSI (sq.m.)	14,366.24				
16	Proposed built-up area (FSI + Non FSI) (sq.m.)	36,102.62				
17	BUA (m ²) approved by Planning Authority till date	21,736.38				
18	Earlier EC details with Total Construction area, if any.	NA				
19	Construction completed as per earlier EC (FSI + Non FSI) (sq.m.)	NA				
20	Previous EC / Existing Building			Proposed Configuration		Reason for Modification / Change
	Buildin g Name	Configuratio n	Heigh t (m)	Buildin g Name	Configuratio n	
		NA		Rehab	G + 22nd floors	67
			Sale	Ground (pt) +	68.95	-

ANNEXURE 1 – ENVIRONMENT CLEARANCE COPY

		(Wings A, B, C)	Stilt + 1st to 2nd podium + 1st to 20th Upper Floors		
21	No. of Tenements & Shops	Rehab Building: 305 Flats + 4 Balwadi + 3 Flats + 3 Society Office Sale Building: 234 Flats + 2 Offices + 2 Fitness Centre + 12 Shops Sale Building: 234 Flats + 15 Shops			
22	Total Population	2705			
23	Total Water Requirements CMD	322 KLD			
24	Under Ground Tank (UGT) location	Ground Floor			
25	Source of water	MCGM			
26	STP Capacity & Technology	MBBR			
27	STP Location	Ground Floor			
28	Sewage Generation CMD & % of sewage discharge in sewer line	Sewage generation - 290 KLD % of sewage discharge in sewer line – 45.3 %			
29	Solid Waste Management during Construction Phase	Type	Quantity (Kg/d)	Treatment / disposal	
		Dry waste	18	Handover to authorized recycler	
		Wet waste	27	OWC	
		Construction waste	-	-	
30	Total Solid Waste Quantities with type during Operation Phase & Capacity of OWC to be installed	Type	Quantity (Kg/d)	Treatment / disposal	
		Dry waste	626 Kg/Day	Handover to authorized recycler	
		Wet waste	418 Kg/Day	OWC	
		E-Waste	-	-	
		STP Sludge (dry)	29	Would be used as manure	

ANNEXURE 1 – ENVIRONMENT CLEARANCE COPY

31	R.G. Area in sq. m.	RG required – 480.13 Sq.mt	
		RG provided on Mother earth- 482.67 Sq.mt	
		RG provided on ground - 482.67 Sq.mt	
		Total – 482.67 Sq.mt	
		Existing trees on plot: 30 (27 nos of trees have been planted on site and 3 nos of trees are existing on plot)	
32	Power requirement	During Operation Phase:	
		Details	
		Connected load (kW)	4168
		Demand load (kW)	1480
		Number of trees to be cut: 00	
Number of trees to be transplanted: 00			
33	Energy Efficiency	a) Total Energy saving (%): 13% b) Solar energy (%): 4.8%	
34	D.G. set capacity	DG set as Power back-up during operation phase: Alternate Source Meter	
35	No. of 4-W & 2-W Parking with 25% EV	4 wheelers – 127 nos 2 wheelers – 60 nos	
36	No. & capacity of Rain water harvesting tanks /Pits	RWH Capacity 37 CMD Recharge pits: 8 Nos.	
37	Project Cost in (Cr.)	146 Cr	
38	EMP Cost	Construction phase – 5 Lacs Operation phase – 126 Lacs, OM cost – 26.6 lacs.	
39	CER Details with justification if any....as per MoEF &CC circular dated 01/05/2018	1.09 Cr	
40	Details of Court Cases/litigations w.r.t the project and project location, if any.	No	

3. Proposal is a violation of EIA Notification, 2006. PP applied under violation amnesty OM dated 14.03.2018 on ecmpcb portal within the amnesty period. Proposal has been considered by SEIAA in its 199th & 246th (Day-1) meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

A. SEAC Conditions-

1. PP to ensure that STP to be kept open minimum up to 40%.
2. The discharge of treated sewage to be reduced to 35% as proposed during presentation.
3. PP to adopt water conservation measures by providing Low Flow Devices (LFD) as plumbing fixtures.
4. PP to ensure that the energy savings from renewable sources shall be minimum 5%.

ANNEXURE 1 – ENVIRONMENT CLEARANCE COPY

5. PP to provide fire hydrant system along with all necessary Equipment's along with ladder for fireman at podium.
6. The RG 1 & 2 area shown in the plan is less than 125Sq. meter hence it does not qualify as RG. PP to revisit the plan and provide RG area on ground as per Norms.
7. PP to include Environmental Monitoring plan in the Environmental management plan & implement the same.
8. PP to abide all conditions of NOCs granted by the different authorities.
9. 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, if applicable. The planning authority to ensure fulfilment of this condition before granting CCS
10. PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.

B. SEIAA Conditions-

1. PP has submitted a bank guarantee of Rs.2.46 lakhs (Rs.2.46 Crores) to Maharashtra Pollution Control Board towards effective implementation of the EMP comprising remediation plan and Natural and Community Resource augmentation Plan. PP to complete implementation of the EMP comprising remediation plan and Natural and Community Resource augmentation Plan within 1 year of grant of Environment Clearance.
2. PP to submit CER as applicable as per MOEF & CC circular dated 1.5.2018 in consultation with Municipal Corporation.
3. PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
4. SEIAA decided to grant EC for – FSI: 21736.38 m², Non-FSI: 14366.24 m² and Total BUA: 31102.62 m² (Plan Approval no-Rehab Building: Occupation Certificate: SRA/ENG/2497/RS/STGL/AP dated 16.04.2018 Sale Building: IOA Letter: SRA/ENG/3092/RS/STGL/AP dated: 01.12.2018)

General Conditions:

a) Construction Phase :-

- I. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. Disposal of muck, Construction spoils, including bituminous material during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in the approved sites with the approval of competent authority.
- III. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- IV. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be

ANNEXURE 1 – ENVIRONMENT CLEARANCE COPY

ensured.

- V. Arrangement shall be made that waste water and storm water do not get mixed.
- VI. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.
- VII. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- VIII. Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- IX. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- X. The Energy Conservation Building code shall be strictly adhered to.
- XI. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- XII. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- XIII. Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- XIV. PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.
- XV. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- XVI. PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.
- XVII. Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.
- XVIII. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
- XIX. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
- XX. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell /designated person.

B) Operation phase:-

ANNEXURE 1 – ENVIRONMENT CLEARANCE COPY

- I. a) The solid waste generated should be properly collected and segregated. b) Wet waste should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
- III. a) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100 % treatment to sewage /Liquid waste and explore the possibility to recycle at least 50 % of water, Local authority should ensure this.
- IV. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement.
- V. The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
- VI. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- VII. PP to provide adequate electric charging points for electric vehicles (EVs).
- VIII. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- IX. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- X. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes.
- XI. The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at parivesh.nic.in
- XII. Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.

ANNEXURE 1 – ENVIRONMENT CLEARANCE COPY

- XIII. A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- XIV. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

C) General EC Conditions:-

- I. PP has to strictly abide by the conditions stipulated by SEAC & SEIAA.
- II. If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
- III. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
- IV. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- V. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
- VI. No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- VII. This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP

ANNEXURE 1 – ENVIRONMENT CLEARANCE COPY

Act.

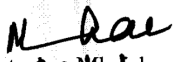
5. This Environment Clearance is issued purely from an environment point of view without prejudice to any court cases and all other applicable permissions/ NOCs shall be obtained before starting proposed work at site.

6. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time.

8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

9. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


Manisha Patankar
(Member Secretary, SEIAA)

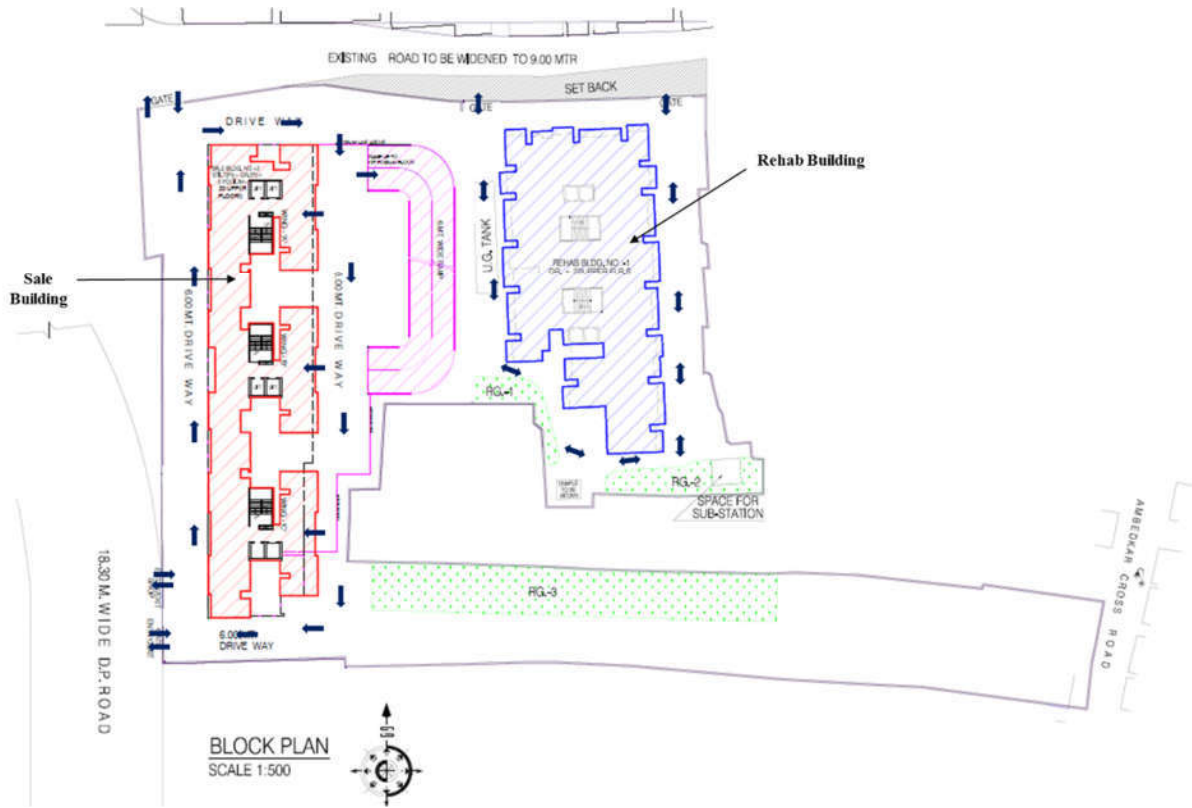
Copy to:

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



ANNEXURE 2 – GOOGLE LOCATION



ANNEXURE 3 – PROJECT LAYOUT



ANNEXURE 4 – CONSENT TO ESTABLISH COPY

MAHARASHTRA POLLUTION CONTROL BOARD																		
Tel: 24010706/24010437 Fax: 24023516 Website: http://mpcb.gov.in Email: cac-cell@mpcb.gov.in		Kalpataru Point, 2nd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022																
Infrastructure/RED/L.S.I No:- Format1.0/CC/UAN No.0000134526/CE/2301000316		Date: 03/01/2023																
To, M/s. DHARTI NIRMAN BUILDERS AND DEVELOPERS, C.T.S. no 6A (pt) of village Malvani, C.T.S. no 3/A/1(pt) of village Charkop, Situated at Bhabarkar Nagar, Kandivali west, Mumbai.																		
Sub: Consent to Establish for Proposed SRA Scheme Building Project.																		
Ref: <ol style="list-style-type: none"> 1. Application submitted by SRO-Mumbai-IV. 2. Minutes of 19th CC meeting dtd-31.10.2022 																		
Your application NO. MPCB-CONSENT-0000134526 For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:																		
<ol style="list-style-type: none"> 1. The Consent to Establish is granted for a period upto commissioning of project or up to 5 year whichever is earlier. 2. The capital investment of the project is Rs.208.98 Cr. (As per C.A Certificate submitted by industry). 3. The Consent to Establish is valid for Proposed SRA Scheme Building Project named as M/s. DHARTI NIRMAN BUILDERS AND DEVELOPERS, C.T.S. no 6A (pt) of village Malvani, C.T.S. no 3/A/1(pt) of village Charkop, Situated at Bhabarkar Nagar, Kandivali west, Mumbai. on Total Plot Area of 6181.60 Sq.Mtrs for construction BUA of 31102.62 Sq.Mtrs as per EC granted dated-30.07.2022 including utilities and services 																		
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #0056b3; color: white;"> <th style="width: 10%;">Sr.No</th> <th style="width: 50%;">Permission Obtained</th> <th style="width: 20%;">Plot Area (SqMtr)</th> <th style="width: 20%;">BUA (SqMtr)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Environmental Clearance-dtd-30.07.2022</td> <td>6181.60</td> <td>31102.62</td> </tr> </tbody> </table>				Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)	1	Environmental Clearance-dtd-30.07.2022	6181.60	31102.62							
Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)															
1	Environmental Clearance-dtd-30.07.2022	6181.60	31102.62															
4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:																		
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #0056b3; color: white;"> <th style="width: 5%;">Sr No</th> <th style="width: 30%;">Description</th> <th style="width: 15%;">Permitted (in CMD)</th> <th style="width: 20%;">Standards to</th> <th style="width: 30%;">Disposal</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Trade effluent</td> <td>Nil</td> <td>N.A.</td> <td>N.A.</td> </tr> <tr> <td>2.</td> <td>Domestic effluent</td> <td>265.5</td> <td>As per Schedule - I</td> <td>The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body</td> </tr> </tbody> </table>				Sr No	Description	Permitted (in CMD)	Standards to	Disposal	1.	Trade effluent	Nil	N.A.	N.A.	2.	Domestic effluent	265.5	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body
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ANNEXURE 4 – CONSENT TO ESTABLISH COPY

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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
NA	NA	0	As per Schedule -II

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

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable	418 Kg/Day	OWC	used as manure.
2	Non Biodegradable	626 Kg/Day	Segregation	Sent to authorized recycler.

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

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
NA					

8. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.

9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.

10. The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening.

11. PP shall extend/submit BG to from total sum of Rs. 10 Lakhs towards compliance of EC and consent to establish condition.

12. Project Proponent shall install online monitoring system for the parameter pH, SS, BOD and flow at the outlet of STP.

13. Project Proponent shall provide Organic waste digester with composting facility or biodigester with composting facility.

14. Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.

15. The project proponent shall make provision of charging of electric vehicles in atleast 40 % of total available parking area.

16. The project proponent shall take adequate measures to control dust emission and noise level during construction phase.

17. The Project Proponent shall comply with the Environmental Clearance obtained dtd-30.07.2022 for construction project having total plot area 6181.60 Sq.mtr and proposed Construction BUA 31102.62 Sq.mtr as per specific condition of EC.

18. RO to issue restart direction against issued closure direction/stop work direction, direction issued dtd-01.06.2022

DHARTI NIRMAN BUILDERS AND DEVELOPERS/CE/UAN No.MPCB-CONSENT-0000134526/Indus-Id.149776
(03-01-2023 02:53:07 pm) /QMS.P06_F01/00 Page 2 of 8

ANNEXURE 4 – CONSENT TO ESTABLISH COPY

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



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714d7b84

Signed by: **Dr. Y.B.Sontakke**
Joint Director (WPC)
For and on behalf of,
Maharashtra Pollution Control Board
jdwater@mpcb.gov.in
2023-01-03 14:53:28 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	417960.00	TXN2206000014	01/06/2022	Online Payment
2	2089800.00	TXN2212004616	29/12/2022	Online Payment

PP Submitted Penal fees of Rs. 2089800.00 towards not obtaining Consent to Establish before starting construction work.

Copy to:

- Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai IV
 - They are directed to ensure the compliance of the consent conditions.
 - They are directed to obtain the B.G. of Rs.10.0 Lakhs towards the compliance of consent condition and E.C. compliance.
- Chief Accounts Officer, MPCB, Sion, Mumbai



ANNEXURE 4 – CONSENT TO ESTABLISH COPY

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have proposed to provide MBBR technology based Sewage Treatment Plants (STPs) of combined capacity **455 CMD for treatment of domestic effluent of 265.5 CMD.**
- B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

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

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

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	331.90
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.

ANNEXURE 4 – CONSENT TO ESTABLISH COPY

SCHEDULE-II
Terms & conditions for compliance of Air Pollution Control:

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

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
NA	NA		0.00	-	-	NA	-

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

Total Particular matter	Not to exceed	150 mg/Nm3
-------------------------	---------------	------------

3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.

4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

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

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


ANNEXURE 4 – CONSENT TO ESTABLISH COPY

SCHEDULE-III						
Details of Bank Guarantees:						
Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish	10.0 Lakhs	Submit within 15 days	Towards compliance of consent condition	Commissioning of unit or 5 Years whichever earlier	Commissioning of unit or 5 Years whichever earlier

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

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

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



ANNEXURE 4 – CONSENT TO ESTABLISH COPY

SCHEDULE-IV

Conditions during construction phase

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

General Conditions:

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



ANNEXURE 4 – CONSENT TO ESTABLISH COPY

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

This certificate is digitally & electronically signed.



ANNEXURE 5 – CONSENT TO OPERATE (PART) COPY

MAHARASHTRA POLLUTION CONTROL BOARD													
Tel: 24010706/24010437 Fax: 24023516 Website: http://mpcb.gov.in Email: cac-cell@mpcb.gov.in													
	Kalpataru Point, 2nd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022												
<hr/>													
Infrastructure/RED/L.S.I No:- Format1.0/CC/UAN No.0000149786/CO/2303000513	Date: 08/03/2023												
To, M/s. DHARTI NIRMAN BUILDERS AND DEVELOPERS, C.T.S. no 6A (pt) of village Malvani, C.T.S. no 3/A/1(pt) ,Charkop, Situated at Bhabarkar Nagar, Kandivali (W), Mumbai.													
Sub: Consent to 1st Operate (Part-I) for Proposed Slum Rehabilitation Scheme Building.													
Ref:	1. Application Submitted by SRO-Mumbai-IV 2. Minutes of 22nd CC meeting dtd-26.11.2022. 3. SCN for Refusal of Consent dtd-14.12.2022. 4. Minutes of 29th CC meeting dtd-25.01.2023.												
Your application NO. MPCB-CONSENT-0000149786 For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundry Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:													
1. Consent to 1st Operate (Part Operate) is valid upto-31.12.2023. 2. The capital investment of the project is Rs.109.68 Cr. (As per C.A Certificate submitted by industry). 3. The Consent to Operate is valid for Proposed Slum Rehabilitation Scheme Building named as M/s. DHARTI NIRMAN BUILDERS AND DEVELOPERS, C.T.S. no 6A (pt) of village Malvani, C.T.S. no 3/A/1(pt) ,Charkop, Situated at Bhabarkar Nagar, Kandivali (W), Mumbai. on Total Plot Area of 6181.60 Sq.Mtrs for construction BUA of 2888.18 Sq.Mtrs out of Total Construction BUA of 31102.62 Sq.Mtrs as per EC granted dated-30.07.2022 including utilities and services													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sr.No</th> <th style="width: 50%;">Permission Obtained</th> <th style="width: 20%;">Plot Area (SqMtr)</th> <th style="width: 20%;">BUA (SqMtr)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Environmental Clearance issued dtd-30.07.2022</td> <td style="text-align: center;">6181.60</td> <td style="text-align: center;">31102.62</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Consent to Establish dtd-05.11.2009</td> <td style="text-align: center;">6181.60</td> <td style="text-align: center;">31102.62</td> </tr> </tbody> </table>		Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)	1	Environmental Clearance issued dtd-30.07.2022	6181.60	31102.62	2	Consent to Establish dtd-05.11.2009	6181.60	31102.62
Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)										
1	Environmental Clearance issued dtd-30.07.2022	6181.60	31102.62										
2	Consent to Establish dtd-05.11.2009	6181.60	31102.62										
4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sr No</th> <th style="width: 20%;">Description</th> <th style="width: 30%;">Permitted (in CMD)</th> <th style="width: 15%;">Standards to</th> <th style="width: 25%;">Disposal</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td>Trade effluent</td> <td style="text-align: center;">Nil</td> <td style="text-align: center;">NA</td> <td style="text-align: center;">NA</td> </tr> </tbody> </table>		Sr No	Description	Permitted (in CMD)	Standards to	Disposal	1.	Trade effluent	Nil	NA	NA		
Sr No	Description	Permitted (in CMD)	Standards to	Disposal									
1.	Trade effluent	Nil	NA	NA									

ANNEXURE 5 – CONSENT TO OPERATE (PART) COPY

Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	265.5	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
NA	NA	0	As per Schedule -II

6. Conditions under Solid Waste Rules, 2016:

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable Waste	418 Kg/Day	OWC	use as manure
2	Non Biodegradable Waste	626 Kg/Day	Segregation	sent to recycling to authorized agency.

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

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1			--NA--	NA	NA
2			--NA--	NA	NA

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- PP shall submit the undertaking in Board's prescribed format within 15 days regarding compliance of conditions stipulated in Environmental Clearance (EC) and Consent to Operate (Part-I).
- PP shall submit the BG of Rs. 10 lakhs towards O&M of STP, OWC and compliance of conditions stipulated in EC and Consent to Operate.
- The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening.
- Project Proponent shall install online monitoring system for the parameter pH, SS, BOD and flow at the outlet of STP.
- Project Proponent shall operate the Organic waste digester with composting facility or biodigester with composting facility effectively
- The project proponent shall make provision of charging of electric vehicles in atleast 30 % of total available parking area.
- The Project Proponent shall comply with the Environmental Clearance obtained dtd-30.07.2022 for construction project having totalplot area 6181.60 Sq.mtr and propose d BUA 31102.62 Sq.mtr as per specific condition of EC.

ANNEXURE 5 – CONSENT TO OPERATE (PART) COPY

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



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Signed by: **Dr. Y.B.Sontakke**
Joint Director (WPC)
For and on behalf of
Maharashtra Pollution Control Board
jdwater@mpcb.gov.in
2023-03-08 16:20:45 IST

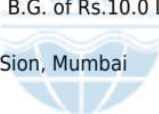
Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	658080.00	MPCB-DR-14969	18/10/2022	NEFT
2	399665.00	TXN2303001112	08/03/2023	Online Payment

Paid Penal fees of Rs.399665.00 & Paid Consent fees of Rs.658080 out of which fees of Rs.219360 is consumed towards Consent to Operate and Rs.438720 is balance which will be used in Future renewal.

Copy to:

- Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai IV
- They are directed to ensure the compliance of the consent conditions.
- They are directed to obtained B.G. of Rs.10.0 Lakhs towards compliance of consent condition & E.C. Compliance.
- Chief Accounts Officer, MPCB, Sion, Mumbai



ANNEXURE 5 – CONSENT TO OPERATE (PART) COPY

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have provided MBBR Technology based Sewage Treatment Plants (STPs) of combined capacity **290 CMD for treatment of domestic effluent of 265.5 CMD.**
- B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

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

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

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	331.90
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.

ANNEXURE 5 – CONSENT TO OPERATE (PART) COPY

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

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

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
NA	NA		0.00	0 0 -- NA--	-	NA	-

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

Total Particular matter	Not to exceed	150 mg/Nm3
-------------------------	---------------	------------

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

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Operate	10 Lakhs	within 15 days	Towards compliance of consent condition	31.12.2023	31.03.2024

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

ANNEXURE 5 – CONSENT TO OPERATE (PART) COPY

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

SCHEDULE-IV

General Conditions:

1. The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
2. The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011.
3. Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
4. Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
5. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.

ANNEXURE 5 – CONSENT TO OPERATE (PART) COPY

- g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
- h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 6 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
- 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.
- 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11 The applicant shall make an application for renewal of the consent at least 60 days before date of the expiry of the consent.

This certificate is digitally & electronically signed.



ANNEXURE 6 – ENVIRONMENT MANAGEMENT CELL

ENVIRONMENT MANAGEMENT CELL

The Environment Cell shall comprise of environment background personnel either environment engineer or environment science background person with knowledge of building safety measures. During construction phase the environment cell shall comply with safety standards and measures as prescribed in the environment clearance norms. The following measures shall be adopted during construction phase:

- Covering all the materials stored at construction site with plastic or tarpaulin sheet
- 3 m height screens would be provided all around the building (or plot boundary) during construction phase to obstruct the flow of dust and wind to surrounding locations
- All workers shall be provided with dust masks
- 1 wash basin per 20 workers shall be maintained
- Bio-toilets would be installed for workers
- Installation of STP, RWH, SWM units and water efficient units as per proposed in the project

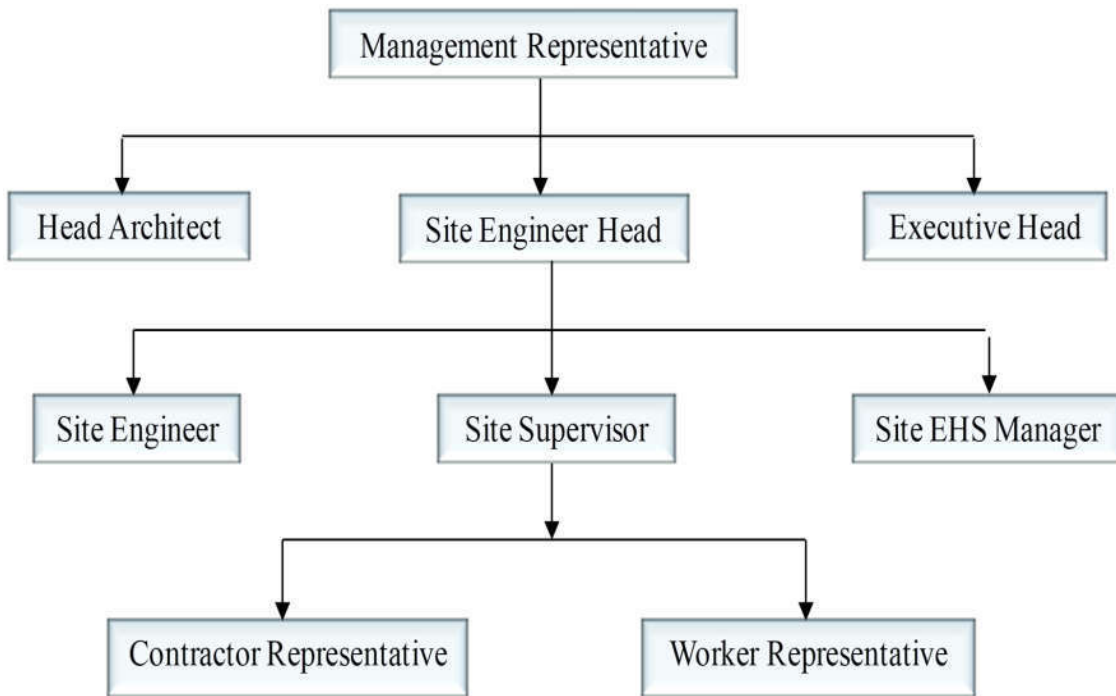
During operation phase; environment cell shall report to chairman of the society and it must comprise of in house and empaneled experts. The role of the environment cell during operation phase will be:

- Maintaining STPs, SWM units, RWH, carrying out environmental audits, safety audits, etc.
- Maintaining landscape and safety of the premises/building
- Maintaining compliance monitoring as per direction of MoEF

The detail formulation of environment cell is given in below **Figure**




Formulation of Environment Cell



The structure of environment management cell

ANNEXURE 7 – MONITORING REPORT



ENVIRONMENTAL LABORATORY
Sky Lab
OUR GOAL POLLUTION CONTROL

Sky Lab
ANALYTICAL LABORATORY

Accredited by NABL as per ISO/IEC 17025:2017
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018
Recognized by Ministry of Environment, Forest & Climate Change (MoEFCC), Govt. of India, New Delhi

• ENVIRONMENT • FOOD • TEXTILE

TEST REPORT

NAME & ADDRESS OF CUSTOMER:
M/s. Enviro Policy Research India Pvt. Ltd.
607, Oriana Business Park,
Wagle Estate, Wagle Road No 22
Opp. Dosti Pinnacle, Thane West, 400604,


REPORT NO : SAL/FM/58/EP/AM(24-25-0016)
REPORT DATE : 24/04/2024
CUSTOMER REF : Verbal
REF DATE : NA


SAMPLE TYPE:
SAMPLE REGISTRATION NO. :AM(24-25-0016)
SAMPLING PLAN & METHOD NO.:As per Reference Method
SAMPLING DATE :19/04/2024
SAMPLING TIME :12:00PM
ANALYSIS START DATE :20/04/2024
ANALYSIS COMPLETE DATE :24/04/2024

AMBIENT AIR QUALITY MONITORING
LOCATION : kandivalli
SAMPLING DURATION : 8 HRS
SAMPLE COLLECTED BY: SKYLAB
AMBIENT TEMPERATURE: 26°C TO 36°C
HUMIDITY : 64 % TO 74 %

Sr. No.	Test Parameter	Unit	Result	Limit*	Reference Method
1.	Particulate Matter as PM10	µg/m ³	85.4	100	IS:5182, (Part – 23)
2.	Particulate Matter as PM2.5	µg/m ³	47.5	60	IS:5182, (Part 24)
3.	Sulphur Dioxide (SO2)	µg/m ³	23.8	80	IS:5182, (Part – 2)
4.	Nitrogen Oxide (NOx)	µg/m ³	39.4	80	IS: 5182, (Part – 6)
5.	Carbon Monoxide (CO)	mg/m ³	0.56	2	IS 5182 (Part 10)

*: As per NAAQMS Guidelines 2009
Opinion/Observation: Analyzed parameters in above tested sample are within limit as per NAAQMS Guidelines.

Verified by

Sr. Analyst


For SKYLAB ANALYTICAL LABORATORY

Technical Manager
Authorized Signatory

END OF REPORT

1. This report reflects findings only for the above sample tested/monitored and only for time and place of monitoring/testing.
2. This report is confidential & cannot be re-produced in part or full without permission of SKYLAB Analytical Laboratory.
3. Any attempt of forgery or misleading use of this report by any person/organization etc will attract suitable legal action against them by SkyLab Analytical Lab

SALNAC24230916652
202, CFC-3, Asmeeta Texpa, Addl Kalyan-Bhiwandi Industrial Area, MIDC, Village Kon, Tal. Bhiwandi, Dist., Thane, Maharashtra, INDIA. Pincode-421311.
Mob. : 9867577309-312 / 8422929165. Email : mails@skylabenviro.com, Website : www.skylabenviro.com
SKYLAB is always subject to improvement. For better customer satisfaction, we welcome your feedback on : feedback@skylabenviro.com

ANNEXURE 7 – MONITORING REPORT



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▪ ENVIRONMENT ▪ FOOD ▪ TEXTILE

TEST REPORT

NAME & ADDRESS OF CUSTOMER:
M/s. Enviro Policy Research India Pvt. Ltd.
607, Oriana Business Park,
Wagle Estate, Wagle Road No 22
Opp. Dosti Pinnacle, Thane West, 400604,

REPORT NO : SAL/FM/111/EP/ANM(24-25-0017)
REPORT DATE : 24/04/2024
CUSTOMER REF : Verbal
REF DATE : NA

SAMPLE TYPE:
SAMPLE REGISTRATION NO. : ANM (24-25-0017)
SAMPLING PLAN & METHOD NO.: As per Reference Method
SAMPLING DATE : 19/04/2024

AMBIENT NOISE LEVEL MONITORING
SAMPLE COLLECTED BY : SKYLAB
SAMPLING TIMING (Day) : 12:15AM
SAMPLING TIMING (Night): 10:10PM


Sr. No.	Location Name	Noise Level dB (A)		Reference Method
		Day	Night	
1.	Kandivali	52.3	41.8	IS 9989

Opinion/Observation: Noise Level is meeting requirements as per CPCB Guidelines.

Note:


Category Area/ Zone	Limits in dB (A)	
	Day Time (6.00 Hrs to 22.00 Hrs)	Night Time (22.00 Hrs to 6.00 Hrs)
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

Verified by



Sr. Analyst

For SKYLAB ANALYTICAL LABORATORY



Technical Manager
Authorized Signatory


END OF REPORT

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202, CFC-3, Asmeeta Texpa, Addi.Kalyan-Bhiwandi Industrial Area, MIDC, Village Kon, Tal. Bhiwandi, Dist., Thane, Maharashtra, INDIA. Pincode-421311.
Mob.: 9867577309-312 / 8422929165. Email : mails@skylabenviro.com, Website : www.skylabenviro.com
SKYLAB is always subject to improvement. For better customer satisfaction, we welcome your feedback on : feedback@skylabenviro.com

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• ENVIRONMENT • FOOD • TEXTILE

TEST REPORT

NAME & ADDRESS OF CUSTOMER:
M/s. Enviro Policy Research India Pvt. Ltd.
607, Oriana Business Park,
Wagle Estate, Wagle Road No 22
Opp. Dosti Pinnacle, Thane West, 400604.


REPORT NO : SAL/FM/60/EP/SS(24-25-0018)
REPORT DATE : 24/04/2024
CUSTOMER REF : Verbal
REF DATE : NA

SAMPLE TYPE:
SAMPLE REGISTRATION NO. :SS(24-25-0018)
SAMPLING PLAN& METHOD NO.:As per Reference Method
SAMPLING DATE :19/04/2024
RECEIPT DATE :19/04/2024
ANALYSIS START DATE :20/04/2024
ANALYSIS COMPLETE DATE :24/04/2024

SOIL ANALYSIS
LOCATION : Kandivali
SAMPLE SPECIFICATION: Soil
SAMPLE COLLECTED BY : SKYLAB
SAMPLE QUANTITY :1 Kg


Sr. No.	Test Parameter	Unit	Result	Reference Method
1	Organic Content	%	3.2	IS 2720 (Part 22)
2	Potassium	mg/kg	54	IS 9497
3	Ph of 10% Solution	-	8.11	IS 2720(Part 26)
4	Sodium (as Na)	mg/kg	29	IS 9497
5	Copper (as Cu)	mg/kg	3.3	Testing manual of soil-Ministry of agriculture, Govt of India: 2011
6	Electric conductivity	µS/cm	502	IS 14767
7	Zinc (as Zn)	mg/kg	34	Testing manual of soil-Ministry of agriculture, Govt of India: 2011

Verified by



Sr. Analyst

For SKYLAB ANALYTICAL LABORATORY



Technical Manager
Authorized Signatory

END OF REPORT

1. This report reflects findings only for the above sample tested/monitored and only for time and place of monitoring/testing.
2. This report is confidential & cannot be re-produced in part or full without permission of SKYLAB Analytical Laboratory.
3. Any attempt of forgery or misleading use of this report by any person/organization etc will attract suitable legal action against them by SkyLab Analytical Laboratory.

SALNAC24230916654

202, CFC-3, Asmeeta Texpa, Addl Kalyan-Bhiwandi Industrial Area, MIDC, Village Kon, Tal. Bhiwandi, Dist., Thane, Maharashtra, INDIA. Pincode-421311.
Mob. : 9867577309-312 / 8422929165. Email : mails@skylabenviro.com, Website : www.skylabenviro.com Page 1 of 2
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ANNEXURE 7 – MONITORING REPORT



Sky Lab
ANALYTICAL LABORATORY
 Accredited by NABL as per ISO/IEC 17025:2017
 Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018
 Recognized by Ministry of Environment, Forest & Climate Change (MoEFCC), Govt. of India, New Delhi
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SOIL ANALYSIS
 LOCATION : Kandivali
 SAMPLE SPECIFICATION: Soil
 SAMPLE COLLECTED BY : SKYLAB
 SAMPLE QUANTITY :1 Kg

Sr. No.	Test Parameter	Unit	Result	Reference Method
1	Colour	-	Brown	IS 1498-1970
2	Total Phosphate	mg/100gm	36	IS 3025 (Part 31)
3	Total Kjeldahl Nitrogen	%	0.7	Testing manual of soil-Ministry of agriculture. Govt of India: 2011
4	Texture	-	Loamy	IS 1498-1970
5	Calcium	Mg/100gm	104	IS 3025 (Part 2)
6	Bulk Density	gm/cc	1.55	IS 2720(Part 28)
7	Magnesium	Mg/100gm	39	IS 3025 (Part 2)
8	Iron	mg/kg	1712	IS 3025 (Part 2)
9	Chloride(Cl-)	mg/kg	58	IS 3025 (Part 32)
10	Lead (as Pb)	mg/kg	<50	Testing manual of soil-Ministry of agriculture. Govt of India: 2011
11	Water Retaining capacity	%	33	Testing manual of soil-Ministry of agriculture. Govt of India: 2011
12	Sulphate	mg/kg	38	IS 3025 (Part 24)

Verified by

Sr. Analyst

For SKYLAB ANALYTICAL LABORATORY

Technical Manager
 Authorized Signatory

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ANNEXURE - A

1. PROJECT DETAILS

Sr. No.	Description	Details								
1	Area Details	Plot Area: 6181.60 sq.m Deduction: 180.00 sq.m Net Plot Area: 6001.60 sq.m FSI: 21,736.38 sq.m Non FSI: 14,336.28 sq.m Total Construction Area: 36,102.62 sq.m								
2	Building Configuration	Rehab- G + 22 nd Floors Height: 67 m Sale (Wings A, B, C)- Ground(pt)+ Stilt + 1st to 2 nd Podium + 1 st to 20 th Upper Floors Height: 68.95 m								
3	No. of Tenements & Shops	Rehab Building: 305 Flats + 4 Balwadi + 3 Flats + 3 Society Office Sale Building: 234 Flats + 2 Offices + 2 Fitness Centers +12 Shops Sale Building: 234 Flats +15 Shops								
4	Total Population (Nos.)	2705								
5	Total Water Requirements (CMD)	322 KLD								
6	Sewage Generation (CMD)	290 KLD								
7	STP Capacity & Technology	MBBR Technology								
8	STP Location	Ground Floor								
9	Total Solid Waste Quantities	Wet Waste - 418 Kg/Day, Dry Waste – 626 Kg/Day Total Solid Waste – 1044 Kg/day								
10	R.G. Area (sq. m).	<table border="1"> <tr> <td>RG required</td> <td>480.13 Sq.m</td> </tr> <tr> <td>RG provided on Ground</td> <td>482.67 Sq.m</td> </tr> <tr> <td>RG provided on Mother Earth</td> <td>482.67 Sq.m</td> </tr> <tr> <td>Total RG provided</td> <td>482.67 Sq.m</td> </tr> </table>	RG required	480.13 Sq.m	RG provided on Ground	482.67 Sq.m	RG provided on Mother Earth	482.67 Sq.m	Total RG provided	482.67 Sq.m
RG required	480.13 Sq.m									
RG provided on Ground	482.67 Sq.m									
RG provided on Mother Earth	482.67 Sq.m									
Total RG provided	482.67 Sq.m									
14	Power requirement	During Operation Phase: <table border="1"> <tr> <td>Details</td> <td></td> </tr> <tr> <td>Connected Load (kW)</td> <td>4168 KW</td> </tr> <tr> <td>Demand Load (kW)</td> <td>1480 KW</td> </tr> </table>	Details		Connected Load (kW)	4168 KW	Demand Load (kW)	1480 KW		
Details										
Connected Load (kW)	4168 KW									
Demand Load (kW)	1480 KW									
15	Energy Efficiency	Overall energy savings – 13 % Energy savings through solar energy – 4.8%								

ANNEXURE - A

Sr. No.	Description	Details
16	D.G. set capacity	DG set as Power back-up during Operation phase: Alternate Source Meter
17	Parking 4W & 2W	4 Wheelers – 127 nos 2 Wheelers – 60 nos
18	Rain water harvesting scheme	RWH Capacity 37 CMD Recharge Pits: 8 Nos
19	Project Cost in (Cr.)	146 Cr
20	EMP Cost	Construction Phase – 5 Lakhs Operation Phase – 126 Lakhs O & M cost- 26.6 Lakhs
21	CER Details (with justification, if any)	1.09 Cr

ANNEXURE - B

EMP for Construction Phase

EMP FOR AIR ENVIRONMENT

- **Construction Phase (EMP for Air Environment):**

To mitigate the impacts of PM₁₀ & PM_{2.5} during the construction phase of the project, the following measures are recommended for implementation:

Dust Control Plan:

The most cost-effective dust suppressant is water because water is easily available on construction site. Water can be applied using water trucks, handled sprayers and automatic sprinkler systems. Furthermore, incoming loads could be covered to avoid loss of material in transport, especially if material is transported off-site.

Vehicle Emission Controls and Alternatives

- During construction, vehicles will be properly maintained to reduce emission. As it is a construction project, vehicles will be generally having “PUC” certificate.
- Footpaths and Pedestrian ways: Adequate footpaths and pedestrian ways would be provided at the site to encourage non-polluting methods of transportation

Procedural Changes to construction activities**Idle time reduction:**

Construction equipment is commonly left idle while the operators are on break or waiting for the completion of another task. Emission from idle equipment tends to be high, since catalytic converters cool down, thus reducing the efficiency of hydrocarbon and carbon monoxide oxidation. Existing idle control technologies comprises of power saving mode, which automatically off the engine at present time and reduces emissions, without intervention from the operators.

Improved Maintenance:

Significant emission reductions can be achieved through regular equipment maintenance. Contractors will be asked to provide maintenance records for their fleet as part of the contract bid, and at regular intervals throughout the life of the contract. Incentive provisions will be established to encourage contractors to comply with regular maintenance requirements.

Reduction of On-Site Construction Time:

Rapid on-site construction would reduce the duration of traffic interference and therefore, will reduce emissions from traffic delay.

▪ **Operation Phase (EMP for Air Environment):**

To mitigate the impacts of pollutants from DG set and vehicular traffic during the operational phase of the Project, following measures are recommended for implementation:

Diesel Generator Set Emission Control Measures

Adequate stack height will be maintained to disperse the air pollutants generated from the operation of DG set to dilute the pollutants concentration within the immediate vicinity. Hence no additional emission control measures have been suggested.

RG Development

Increased vegetation in the form of greenbelt is one of the preferred methods to mitigate air and noise pollution. Plants serve as a sink for pollutants, act as a barrier to break the wind speed as well as allow the dust and other particulates to settle on the leaves. It also helps to reduce the noise level to a large extent.

EMP FOR NOISE ENVIRONMENT

▪ **Construction Phase (EMP for Noise Management):**

To mitigate the impacts of noise from construction equipment during the construction phase on the site, the following measures are recommended for implementation.

Time of Operation:

Noisy construction equipment has not been allowed to use at night time.

Job Rotation and Hearing Protection:

Workers employed in high noise areas are not employed on shift basis. Hearing protection such as earplugs/muffs will be provided to those working very close to the noise generating machinery.

Other Measures:

- Developer must ensure barricading for minimum of 5 m (as the site is adjacent to road)

- During construction, shady trees can be planted on the periphery of the boundary to reduce noise impact
- Also to reduce noise impact, one must ensure smooth movement of traffic vehicles
- Measures of NBC, 2016 must be followed by developer to control noise
- Developer must follow guidelines of BS 5228 and Defra Guideline (NO 0234)
- Plant and vehicles should comply with EU noise emission limit
- Control hours of operation of all plants and vehicles and machineries
- Avoid unnecessary use of plant and machinery
- Use acoustic barriers whenever possible
- Use line flat bed lorries or storage bin with noise attenuating materials
- Handle materials carefully; for example, scaffolding and fittings should be carried and placed; not thrown or dropped
- Ensure that materials are delivered and installed during normal working hours
- Ensure site supervision during installation
- Maintain vehicles regularly to reduce engine, exhaust, and body rattle noise
- Use silencer based plants and machinery to avoid noise impact
- Ensure that hard road surfaces are well maintained to reduce rattling of vehicles
- Use mechanical sweeper with noise attenuators
- Observe less or no waiting time for the vehicles or plants and machinery so that they are not running unnecessarily
- Don't leave equipment running unnecessarily
- Service and maintain as well as clean the equipment of regular basis
- As far as possible, use self-compacting concrete to reduce the need for vibrating equipment
- Use shielding or barriers around pumps, compressors and machinery
- Also install online noise monitoring system to understand the noise level at the site (continuous level), so that immediate decision can be taken to control any activity which is causing noise pollution

▪ **Operation Phase:**

To mitigate the impacts of noise from diesel generator set during operational phase, the following measures are recommended

Noise Emission Control Technologies

Source of noise in the operational phase will be from backup DG sets (which will be in

operation only during power failure) and pumps & motors. All the machinery will be of highest standard of reputed make and will comply with standard i.e. The DG set room will be provided with acoustic enclosure to have minimum 75 dB(A) insertion loss or for meeting the ambient noise standard whichever is on higher side.

RG Development

The following species can be used, as in a greenbelt, to serve as noise breakers:

- *Acacia auriculiformis*
- *Annona squamosa*
- *Acacia farnesiana*
- *Acacia mearnsii*
- *Acacia nilotica*
- *Achras sapota*

EMP FOR WATER ENVIRONMENT

Construction Phase (EMP for Water Management):

To prevent degradation and to maintain the quality of the water source, adequate control measures have been proposed. To check the surface run-off as well as uncontrolled flow of water into any water body check dams with silt basins are proposed. The following management measures are suggested to protect the water source being polluted during the construction phase.

- Avoid excavation during monsoon season
- Care has been taken to avoid soil erosion
- Common toilets have been constructed on site during construction phase and the sewage would be channelized to the septic tanks in order to prevent sewage to enter into the water bodies.
- To prevent surface and ground water contamination by oil and grease, leak-proof containers has been used for storage and transportation of oil and grease. The floors of oil and grease handling area have been kept effectively impervious. Any wash off from the oil and grease handling area or workshop has been drained through imperious drains.
- Collection and settling of storm water, prohibition of equipment wash downs and

prevention of soil loss and toxic release from the construction site are necessary measure to be taken to minimize water pollution.

- All stacking and loading area have been provided with proper garland drains, equipped with baffles, to prevent run off from the site, to enter into any water body.

▪ **Operation Phase (EMP for Water Management):**

In the operation phase of the project, water conservation and development measures will be taken, including all possible potential for rain water harvesting. Following measures will be adopted.

Water Source Development

Water source development shall be practiced by installation of scientifically designed Rain Water Harvesting system. Rainwater harvesting promotes self-sufficiency and fosters an appreciation for water as a resource.

Minimizing Water Consumption

Consumption of fresh water will be minimized by combination of water saving devices and other domestic water conservation measures. Further, to ensure on-going water conservation, an awareness program will be introduced for the students and employees. The following section discusses the specific measures, which shall be implemented

Wastewater Treatment Scheme

The sewage will be treated in the STP provided within the complex. STP which will be recycled within the project and remaining will be discharged to Sewer.

Other Measures:

- LFD would be installed
- Rainwater harvesting would be installed
- Recycle and reuse of water would be taking place
- Recycled water would be used for flushing and gardening purpose

EMP FOR LAND ENVIRONMENT

▪ **Construction Phase:**

Construction Debris:

Construction debris is bulky and heavy and re-utilization and recycling is an important strategy for management of such waste. As concrete and masonry constitute the majority of waste generated, recycling of this waste by conversion to aggregate can offer benefits of reduced landfill space and reduced extraction of raw material for new construction activity. This is particularly applicable to the project site as the construction is to be completed in a phased manner. Mixed debris with high gypsum, plaster, has not been used as fill, as they are highly susceptible to contamination, and will be sent to designated solid waste landfill site. Metal scrap from structural steel, piping, concrete reinforcement and sheet metal work has been removed from the site by construction contractors. A significant portion of wood scrap has been reused on site. Recyclable wastes such as plastics, glass fiber insulation, roofing etc. shall be sold to recyclers.

Hazardous Waste:

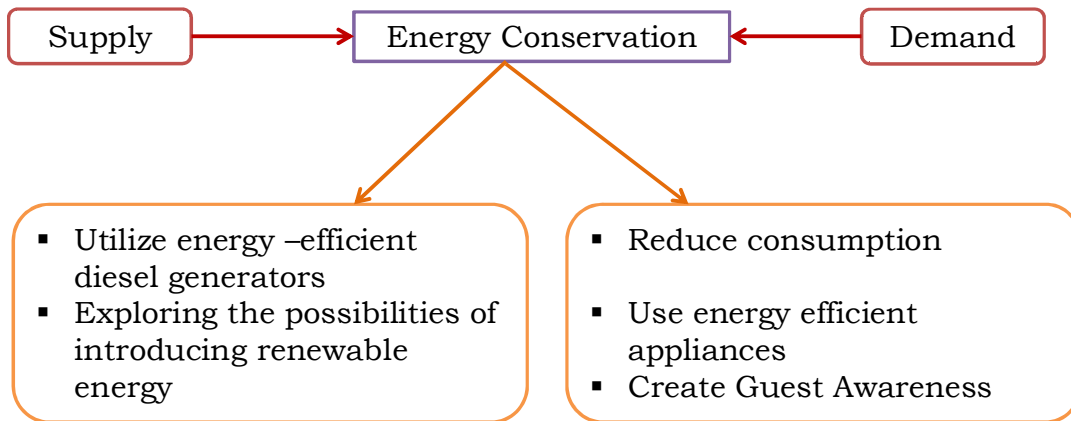
Construction sites are sources of many toxic substances such as paints, solvents wood preservatives, pesticides, adhesives and sealants. Hazardous waste generated during construction phase shall be stored in sealed containers and disposed off as per The Hazardous Wastes (Management, Handling & Tran-boundary Movement) Rules, 2008.

▪ **Operation Phase:**

The philosophy of solid waste management at the complex will be to encouraging the four R's of waste i.e. Reduction, Reuse, Recycling and Recovery (materials & energy). Regular public awareness meetings will be conducted to involve the people in the proper segregation and storage techniques. With regards to the disposal/treatment of waste, the management will take the services of the authorized agency for waste management and disposal of the same on the project site during its operational phase.

EMP FOR ENERGY CONSERVATION

Energy conservation program will be implemented through measures taken both on energy demand and supply.



Energy conservation will be one of the main focuses during the complex planning and operation stages. The conservation efforts would consist of the following;

Architectural design

- Maximum utilization of solar light has been done.
- Maximize the use of natural lighting through design.
- The orientation of the buildings has been done in such a way that maximum daylight is available.
- The green areas have been spaced, so that a significant reduction in the temperature can take place

Energy Saving Practices

- Energy efficient lamps have been provided within the complex.
- Constant monitoring of energy consumption and defining targets for energy conservation.
- Adjusting the settings and illumination levels to ensure minimum energy used for desired comfort levels

ENVIRONMENTAL MONITORING

The purpose of environmental monitoring is to evaluate the effectiveness of implementation of Environmental Management Plan (EMP) by periodic monitoring. The important environmental parameters within the impact area are selected so that any adverse effects are detected and time action can be taken. The project proponent will monitor ambient air Quality, Ground Water Quality and Quantity, and Soil Quality in accordance with an approved monitoring schedule.

The detailed Monitoring Programme is given in **Table**

Monitoring Programme for Project

Sr. No.	Type	Location	Parameters	Period and Frequency
1	Ambient Air Quality	Project Site	Criteria Pollutants: SO ₂ , NO ₂ , PM ₁₀ , PM _{2.5} , CO	Half yearly (24 hr. average samples) during construction phase and annual during operation phase.
2	Groundwater (Portability testing)	Project Site	Drinking water parameters as per Standards	Half yearly
3	Ambient Noise	Project Site	dB (A) levels	Half yearly (Hourly day and night time L _{eq} levels) during construction phase and every year during operation phase.
4	Potable Water Quality	Municipal Supply	As per IS potable water standards	Half yearly
5	Soil Quality	Project Site	Organic matter, C, H, N, Alkalinity, Acidity, heavy metals and trace metal, Alkalinity, Acidity	Half yearly
6	Waste Characterization	Educational	Physical and Chemical composition	Daily
7	Treated Water	Outlet of STP	BOD, MPN, coliform count, etc.	Daily

ANNEXURE - C

EMP Expenditure letter



Dharti Nirman
BUILDERS & DEVELOPERS

641/642, "IJMIMA COMPLEX" Raheja's Metroplex, Off. Link Road, Behind GSC, Malad (West), Mumbai - 400 064.
Tel. : 022-2888 3134, 2889 3134 • E-mail : dhartibnd@gmail.com • Web : www.dhartigroups.com

Date:19/04/2024

Undertaking

We, M/s. Dharti Nirman Builders & Developers have received EC for Proposed Residential Development with Public Parking Facility (EC22B038MH110591 dated 22/03/2022)

We would like to state that till date Rs. 256 Lakhs has been incurred on Environment Management Plan.

Thanking you,

Yours faithfully,

For, M/s. Dharti Nirman Builders & Developers

Authorized Signatory

