

Futuready

Date:10/01/2024

To,
Ministry of Environmental Forest & Climate Change,
Integrated Regional office (IWCZ),
Ground Floor E wing,
New Secretariat Building, Civil Line,
Nagpur 440 001.

Sub: Submission of Compliance Report for Slum Rehabilitation Scheme project on land bearing Part of CTS. No. 1110 of village Kandivali, situated at Powels land, Tulaskarwadi, M. G. Cross Road No. 1, Kandivali (West), Mumbai for "Shivshakti Nagar Co-operative Housing Society Ltd by Bombay Slum Redevelopment Corporation Ltd.

**Ref:** Environmental Clearance letter no. SEIAA-EC-0000001419 dated. 26.03.2019.

Dear Sir,

This is with reference to Environmental Clearance letter no. SEIAA-EC-0000001419 dated. 26.03.2019, from SEIAA, Department of Govt. of Maharashtra.

We are enclosing here with the detailed Compliance report (from April 2023 to September 2023) along with duly filled data sheet.

Thanking you, Yours faithfully,

For BOMBAY SLUM REDEVELOPMENT CORPORATION LTD.

Authorized Signatory

**Enclosed**: Copy of Compliance Report for the period of April 2023 to September 2023.

Cc:

1. Regional Office, MPCB, Mumbai

2. Environment Department, Mantralaya, Mumbai

Bombay Slum Redevelopment Corporation Pvt. Ltd.

Corporate Office: 707, Trade Centre, Bandra Kurla Complex, Bandra (E), Mumbai - 400 051. | Tel: +91-22-6112 7777

Email: corporate@khemani.co.in | Website: www.khemani.co.in

CIN : U70100MH1995PTC089539



# Six Monthly Compliance Monitoring Report\_ April 2023 to September 2023\_ Bombay Slum Corporation Pvt. Ltd.

1 message

**Bombay Slum Redevelopment Corporation pvt. ltd.** <a href="mailto:bsrcorporation11@gmail.com">bsrcorporation11@gmail.com</a> To: eccompliance-mh@gov.in Bcc: pristineconsultants@gmail.com

Thu, Jan 25, 2024 at 4:39 PM

Dear Sir,

This is with reference to the Environmental Clearance letter No.SEIAA-EC-0000001419 dated. 26.03.2019 received from SEIAA, Govt. of Maharashtra.

We are enclosing herewith the detailed **Six Monthly Compliance Monitoring Report for the period of April 2023 to September 2023** along with a duly filled data sheet for proposed Proposed Proposed Slum Rehabilitation Scheme Under Regulation 33(10) of DCPR 2034 on land bearing Part of CTS. No. 1110 of Village Kandivali, situated at Powels land, Tulaskarwadi, M. G. Cross Road No. 1, Kandivali (West), Mumbai Suburban District, Maharashtra for "**Shivshakti Nagar Co-operative Housing Society Ltd"**.

Thanks and Regards,

Bombay Slum Redevelopment Corporation Pvt. Limited.



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Six Monthly Compliance Monitoring Report\_April 2023 to September 2023\_ Bombay Slum.pdf



Futuready

Date: 10/01/2024

To,
Member Secretary, SEIAA,
Environment Department,
Mantralaya,
Mumbai – 400032

Sub: Submission of Compliance Report for Slum Rehabilitation Scheme project on land bearing Part of CTS. No. 1110 of village Kandivali, situated at Powels land, Tulaskarwadi, M. G. Cross Road No. 1, Kandivali (West), Mumbai for "Shivshakti Nagar Co-operative Housing Society Ltd by Bombay Slum Redevelopment Corporation Ltd.

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**Authorized Signatory** 

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Cc:

- 1. Regional Office, MPCB, Mumbai
- 2. Director, MoEF, Nagpur

Bombay Slum Redevelopment Corporation Pvt. Ltd.

Corporate Office: 707, Trade Centre, Bandra Kurla Complex, Bandra (E), Mumbai - 400 051. | Tel: +91-22-6112 7777

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CIN : U70100MH1995PTC089539



# Six Monthly Compliance Monitoring Report\_ April 2023 to September 2023\_ Bombay Slum Corporation Pvt. Ltd.

1 message

**Bombay Slum Redevelopment Corporation pvt. ltd.** <a href="mailto:bsrcorporation11@gmail.com">bsrcorporation11@gmail.com</a> To: psec.env@maharashtra.gov.in

Thu, Jan 25, 2024 at 4:43 PM

Dear Sir,

This is with reference to the Environmental Clearance letter No.SEIAA-EC-0000001419 dated. 26.03.2019 received from SEIAA, Govt. of Maharashtra .

We are enclosing herewith the detailed **Six Monthly Compliance Monitoring Report for the period of April 2023 to September 2023** along with a duly filled data sheet for proposed Proposed Proposed Slum Rehabilitation Scheme Under Regulation 33(10) of DCPR 2034 on land bearing Part of CTS. No. 1110 of Village Kandivali, situated at Powels land, Tulaskarwadi, M. G. Cross Road No. 1, Kandivali (West), Mumbai Suburban District, Maharashtra for "**Shivshakti Nagar Co-operative Housing Society Ltd**".

Thanks and Regards,

Bombay Slum Redevelopment Corporation Pvt. Limited.



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Six Monthly Compliance Monitoring Report\_April 2023 to September 2023\_ Bombay Slum.pdf



Future a d Date: 10/01/2024

To,

Regional Officer,

Maharashtra Pollution Control Board (MPCB), 3<sup>rd</sup> and 4<sup>th</sup> Floor, Kalpataru Point Opp. PVR Theatre, Sion (E), Mumbai, Maharashtra.

Sub: Submission of Compliance Report for Slum Rehabilitation Scheme project on land bearing Part of CTS. No. 1110 of village Kandivali, situated at Powels land, Tulaskarwadi, M. G. Cross Road No. 1, Kandivali (West), Mumbai for "Shivshakti Nagar Co-operative Housing Society Ltd. by Bombay Slum Redevelopment Corporation Ltd.

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For BOMBAY SLUM REDEVELOPMENT CORPORATION LTD.

**Authorized Signatory** 

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Cc:

- 1. Environment Department, Mantralaya, Mumbai
- 2. Director, MoEF, Nagpur

Bombay Slum Redevelopment Corporation Pvt. Ltd.

Corporate Office: 707, Trade Centre, Bandra Kurla Complex, Bandra (E), Mumbai - 400 051. I Tel: +91-22-6112 7777

Email: corporate@khemani.co.in | Website: www.khemani.co.in

CIN : U70100MH1995PTC089539



# Six Monthly Compliance Monitoring Report\_ April 2023 to September 2023\_ Bombay Slum Corporation Pvt. Ltd.

1 message

Thu, Jan 25, 2024 at 4:41 PM

To: romumbai@mpcb.gov.in Cc: sromumbai2@mpcb.gov.in

Dear Sir.

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We are enclosing herewith the detailed **Six Monthly Compliance Monitoring Report for the period of April 2023 to September 2023** along with a duly filled data sheet for proposed Proposed Proposed Slum Rehabilitation Scheme Under Regulation 33(10) of DCPR 2034 on land bearing Part of CTS. No. 1110 of Village Kandivali, situated at Powels land, Tulaskarwadi, M. G. Cross Road No. 1, Kandivali (West), Mumbai Suburban District, Maharashtra for "**Shivshakti Nagar Co-operative Housing Society Ltd"**.

Thanks and Regards,

Bombay Slum Redevelopment Corporation Pvt. Limited.



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# **COMPLIANCE REPORT**

(APRIL 2023 TO SEPTEMBER 2023)

For

# PROPOSED SLUM REHABILITATION SCHEME PROJECT

"SHIVSHAKTI NAGAR CO-OPERATIVE HOUSING SOCIETY LTD."

(ENVIRONMENTAL CLEARANCE LETTER NO. SEIAA-EC-0000001419 dated. 26.03.2019)

On land bearing Part of CTS. No. 1110 of village Kandivali, situated at Powels land, Tulaskarwadi, M. G. Cross Road No. 1, Kandivali (West), Mumbai, State - Maharashtra

# **Proposed By**

M/S. BOMBAY SLUM REDEVELOPMENT CORPORATION LIMITED

## **Project Details**

Sr. No.	Particulars	Details	
1	Project type :River- valley/mining /Industry/Thermal/Nuclear/other(specify)	Construction Project	( Redevelopment )
2	Name of the Project	Proposed Slum Re project	habilitation Scheme
3	Clearance letter(s)/OM and Date	EC letter No.: SEIAA dated. 26.03.2019	-EC-0000001419
4	Location	village Kandivali, situ	t of CTS. No. 1110 of uated at Powels land, Cross Road No. 1, Mumbai, State –
	a) District(s)	Mumbai	
	b) State(s)	Maharashtra	
	c) Latitude/Longitude	19 <sup>0</sup> 12'27.21"N 72 <sup>0</sup> 50'47.67"E	
5	Address of correspondence		
	a) address of concerned Project Chief Executive (with pin code & telephone/telex/fax numbers)	Mr. Priyank K Hema BOMBAY SLUM CORPORATION LIMI 605, 6 <sup>th</sup> floor, Trade Tel. Exchange, BK Mumbai. E mail: priyankhema	REDEVELOPMENT ITED. e Center, Opp. MTNL C, Bandra- East,
	b) Address of Executive Project Engineer/Manager(with pin code/fax numbers)	Same as above	ani@kilemani.co.m.
6	Salient features		
	a) of the Project		
	b) of the Environmental Management Plan	Details of the Sewage 2,220 KLD capacity, F Harvesting and Solid through OWC are giv	Rain Water waste management
7	Breakup of the project area		
	a) submergence area : forest & non-forest	NA	
	b) Others	Total Plot area:30,100	0.30 m <sup>2</sup>
		FSI area	1,34,811.12 m <sup>2</sup>
		Non FSI Area	1,38,143.48 m <sup>2</sup>
		Total Construction Area	2,72,954.6 m <sup>2</sup>
8	Breakup of the project affected population		

	with enumeration of those losing		
	houses/dwelling unit only agricultural land		
	only, both dwelling units & agricultural land		
	& landless laborers/ a) SC, ST / Adivasis	N.A.	
	b)others	IV.A.	
	(Please indicate whether these figures are	N.A.	
	based on any scientific and systematic	14.71.	
	survey carried out or only provisional		
	figures, if a survey carried out gives details		
	and years of survey)		
9	Financial details:		
	a) Project cost as originally planned and	Rs.604 Crore	
	subsequent revised estimates and the		
	year of price reference		1
	b) Allocation made for environmental	Construction Cost	835 Lakhs
	management plans with item wise and year wise break-up	Operation &	164 Lakhs/Y
	1	Maintenance Cost	
	c) Benefit cost ratio/Internal rated of	N.A.	
	Return and the year of assessment	N.A.	
	d) Whether (c) includes the cost of	N.A.	
	environmental management as shown in the above		
	e) Actual expenditure incurred on the	N.A.	
	environmental management plans so far		
10	Forest land requirement	No Forest Land Required	
	a) The status of approval for diversion of	N.A.	
	forest land for non-forestry use		
	b) The status of clearing felling	N.A.	
	c) The status of compensatory	N.A.	
	d) afforestation, if any	N.A.	
	e) Comments on the viability &	N.A.	
	sustainability of compensatory		
	afforestation programme in the light of		
11	actual field experience so far	NI A	
11	The status of clear felling in non-forest area	N.A.	
	(such as submergence area of reservoir,		
	approach rods), if any with quantitative information		
12	Status of construction		
12	a) Date commencement (Actual and/or	N.A.	
	planned)		
	b) Date of completion		
	(Actual and /or planned)		
13	Reasons for the delay if the project is yet to	NA	
	start		
14	Dates of site visits		

	a) The dates on which the project was monitored by the Regional office on previous occasions, if any	Site not yet visited by official of MoEF Regional Office, Nagpur.
	b) Date of site visit for this monitoring report	Not yet finalized.
15	Details of correspondence with project authorities for obtaining action plans/information on status of compliance to safeguards other than the routine letters for logistic support for site visits) (The first monitoring report may contain the details of all the letters issued so far, but the later reports may cover only the letters issued subsequently)	Environmental Clearance letter No. SEIAA-EC-0000001419 dated. 26.03.2019 received from SEIAA, government of Maharashtra.

# PRESENT CONSTRUCTION STATUS OF PROJECT SITE

Sr. No.	<b>Building Name</b>	Work Status
1	Composite Bldg. No 1	Constructed and Occupied
2	Composite Building No.2 (Wing A and Wing B)	Constructed and Occupied
3.	Composite Building No.3 (Wing A and B)	Constructed and Occupied
4.	Composite Building No.3 (Wing C & D)	Wing C : Constructed Wing D : Part Portion constructed
5.	Composite Building No.3 Wing E & F	Not started yet.
6.	Composite Building No.3 Wing G	Under construction
7.	Composite Building No.3 Wing H	Constructed
8.	Composite Bldg. No. 3 Wing I	Constructed and occupied.
9.	Sale Building No. 4	Not started yet.
10	Sale Building No. 5	Not started yet.

# Compliance to Environmental Clearance Letter No. SEIAA-EC-0000001419 dated. 26.03.2019.

CONDI	TIONS	
Specifi	c Condition:-	
	Conditions	Compliance
I.	MCGM to ensure that SWD work will be in line with BRIMSTOWAD report as finalized from time to time and other specific guidelines issued by Irrigation / Water Resource department or Water Commission as regards constructions near Poisar river to avoid flooding/water logging in the area.	Noted
II.	PP to stick to the design of main storm water drain wherein invert level of internal storm water drains is above the high flood level of the stream.	We agree
III.	PP informed that, they have applied for CFO NOC but same has still not been granted. The PP to upload CFO NOC as soon as granted and abide by it. PP agreed that he will provide 6 meter wide drive way with 9 meter turning radius all around buildings including building number 4 and will also provide fire hydrants on top of podium all around and separate staircase for access to fire hydrants on podium. CFO while granting NOC to ensure all fire proof arrangements.	We have obtained the CFO Noc's . We have provide the 6m wide drive way with 9m turning radius all around building
IV.	PP agreed to club maximum possible distributed RG total 8% RG on Mother Earth.	Noted we agree
V.	PP to ensure that, no nalla should be diverted or closed and also to facilitate maintenance & De-silting operation 3mt & 5mt clear access shall be maintain within the holding along the nalla & this access shall be free of any encumbrance.	Noted
VI.	PP to ensure the maximum use of recycled water.	We have recycled around 37% of the treated water in the project.

VII.	PP to submit CER as per MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project or Environment Department may direct PP to undertake CER work in identified area	Not Applicable as per the MoEF & CC OM F.No. 22-65/2017-IA.IIIdt. 25.02.2021.
VIII.	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-IA.III dt. 04.01.2019.	We agree
X	PP to submit CER plan to Municipal Commissioner, PCMC and submit the acknowledgement copy to submitted to Member Secretary, SEIAA.	Not Applicable as per the MoEF & CC Om F.No. 22-65/2017-IA.IIIdt. 25.02.2021.
XI	SEIAA decided to grant EC for: FSI: 113057.30 m², Non FSI: 126255.05 m² & Total BUA: 239312.35 m². (IOD no. SRA/ENG/107/RS/ML/LOI, Approval Date-06.04.2017) PP to submit CFO NOC.	We agree
	GENERAL CONDITIONS	
I.	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	The household E-waste has been disposed through Authorized vendor as per E- waste (Management and Handling) Rules, 2016.
II.	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	Noted
III.	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	Not Applicable. The project is located outside the ESZ area of SGNP.

IV.	PP has to abide by the conditions stipulated by SEAC& SEIAA.	We abide by the conditions stipulated by SEAC & SEIAA.
V.	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along the survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	Building plans are approved by SRA as per norms.
VI.	If Applicable "Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment Department before start of any construction work at the site.	Noted.
VII.	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Adequate sanitary and hygienic measures provided.  Shelters, Drinking water, clean spaces and fuel for cooking, Solid waste disposal bins and toilets are provided at site.  These have been maintained in clean and operative condition for completed period of construction.
VIII.	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Adequate drinking water and sanitary facilities is provided to Workers.  The waste generated from the labour is mostly household waste which is disposed on site.
IX.	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filing after	The solid waste generated is properly collected, Segregated. Dry/inert solid waste is send to disposed site through vendor.

	T	
	recovering recyclable material	
X.	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and	The muck is disposed with the permissions of competent authority at approved site.  As a precaution, we have barricaded to create general safety and health aspects of people.
	health aspects of people, only in approved sites with the approval of competent authority.	of people. Re-utilization strategy for construction debris is followed. Recycled aggregate is used for filling application.
XI.	Arrangement shall be made that waste water and storm water do not get mixed.	The Storm water drains and sewer lines are separately provided on site. This arrangement shall ensure that storm water and sewage will not mix.
XII.	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	As project is SRA scheme, topsoil is not used.
XIII.	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	Natural drainage system of area is not disturbed.  The construction is done by taking advantage of natural contour.
XIV.	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	The landscape will be developed considering CPCB guidelines including selection of plant species. The tree species which planted are of local variety.  20 trees are existing on site.
XV.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Soil and water samples are tested from MoEF recognized laboratory.  The monitoring reports are attached.  As there is no source of the ground water, so ground water samples are not tested.
XVI.	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminant	Such types of wastes are not anticipated in this activity.  However, all possible measures were

	watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.	taken to avoid contamination of water bodies/streams.
XVII.	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.	Project being residential real estate no hazardous waste is expected during construction and operation phase.
XVIII.	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	DG set will be provided on site.  The D. G. set will be enclosed type and as per CPCB norms.
XIX.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	The diesel will be procured as and when required.
XX.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	<ul> <li>✓ Regular maintenance of construction vehicles is carried out to keep them in good condition. The vehicles having PUC certificate is used.</li> <li>✓ Adequate parking space is made for construction vehicles inside the construction premises to lessen the impacts on traffic in surrounding areas.</li> </ul>
XXI.	Ambient noise levels should confirm to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/ MPCB.	The noise levels as well as air pollution are monitored regularly from MoEF recognized laboratory.  The monitoring reports are attached.
XXII.	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and	Fly ash containing bricks (AAC Type) are used for construction.

XXIII.	amended as on 27th August,2003.(The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations)  Ready mixed concrete must be used	Ready mix concrete is used for building
	in building construction.	construction.
XXIV.	Storm water control and its re-use as per CGWB and BIS standards for various applications.	The provision of Roof top rain water harvesting through collection tank is made.  The stored water is utilized for flushing purpose. The overflow of the tank is connected to the Municipal Storm Water drains.  The Storm water drains are constructed as per approvals.
XXV.	Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices referred.	Complying the same by use of pre-mixed concrete, curing agents and other best practices in NBC.
XXVI.	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	We are not using the ground water in the project.
XXVII.	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled / reused to the maximum extent possible. Treatment of 100% gray water by decentralized treatment should be done. Discharge of unused treated effluent shall conform to the norms and standards of the Maharashtra Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP.	STP has been provided to the completed building.  Sewage treated up to tertiary level. The treated sewage is reused for gardening and flushing purpose.  STP of 300 KLD is provided.

VVIIII	Donniggion to duare grand and	We are not using ground water in the
XXVIII.	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/ operation of the project.	We are not using ground water in the project for construction and operational phase.
XXIX.	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	Instead of grey and black water separation, we have made the provision of STP. Dual plumbing lines will be used for recycling water and fresh water.
XXX.	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	Water efficient sanitary features include showers, low flush, dual cisterns are provided.
XXXI.	Use of the glass may be reduced up to 40% to reduce the electricity consumption and load on airconditioning. If necessary, use high quality double glass with special reflective coating in windows.	The use of glass is less than 40%.
XXXII.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Roof is as per the prescriptive requirement specified in Energy Conservation Building Code
XXXIII.	Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters systems. Project proponent should install, after checking	Solar street lights and solar hot water system has been provided.

	feasibility, solar plus hybrid non conventional energy source as source of energy.	
XXXIV.	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	During operation phase the provision of DG Sets shall be as per EPA-1986 as well as, guidelines for DG Set installation shall be followed. All DG Sets shall be with acoustic enclosures and will be using low Sulphur diesel. The stack heights shall be as per MPCB prescribed norms.
XXXV.	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	The noise levels as well as air pollution are monitored regularly from MoEF recognized laboratory.  The monitoring reports are attached.
XXXVI	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Entry & exit to the proposed project are located in such way that it will not affect traffic on the adjoining roads. Also sufficient parking space is provided.
XXXVII	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	The buildings are not air-conditioned, these are Residential buildings hence ECBC code is not applicable in the instant case. However, we have used SIPOREX BLOCK.
XXXVIII.	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	The Buildings have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation to the premises.
XXXIX.	Regular supervision of the above	The Regular supervision is carried out by

	and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	the project in-charge and supervisors are trained in Environmental Management measures.
XL.	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	Noted
XLI.	Six monthly monitoring reports should be submitted to the Regional office MOEF with copy to this Department and MPCB.	The six-monthly Compliance Monitoring Reports are sent to RO MoEF & CC Nagpur, Env. Dept. Govt. of Maharashtra and RO, MPCB.
XLII.	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained	Green belt facilities, MSW facility has been provided on site.
XLIII.	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.	Wet garbage will be treated by Organic Waste Converter and treated waste (manure) shall be utilized in the existing premises for gardening.  1 OWC of 400 KG per Day capacity is installed on site.
XLIV.	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	We agree

XLV.	A complete set of all the documents submitted to Department should be forwarded to the MPCB.	Noted
XLVI.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	Noted will complied.
XLVII.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	At present project head himself is managing environment issues. However, the Cell shall be formed and it shall be responsible for necessary environmental safeguards.
XLVIII.	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	The funds for implementation of environmental protection measures/EMP are provided as per planned requirement.  Expenditure on EMP is being done as planned. The entire environmental infrastructure like STP, Rainwater harvesting and Solar hot water system has been provided for the constructed buildings.
XLIX.	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in	Copy of the advertisement was published in two local Newspapers Navshakti and Free Press Journal.  Copy of the same is attached in Annexure
L.	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st	We have submitted the six monthly compliance reports to RO, MPCB, Environment Department, Mumbai & RO, MoEF & CC Nagpur.

	June & 1st December of each calendar year.	
LI.	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Environmental Clearance copy is submitted along with the application of approved plan to the respective authority.
LII.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO2, NOx (Ambient level as well as stack emissions) or critical sectorial 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.	We have submitted the six monthly compliance reports to RO MoEF & CC Nagpur, Environment Department Mumbai and RO MPCB.  EC and compliance report uploaded on Company website . link of the same is given here  https://www.khemani.co.in/_files/ugd/_51940a_d8239a0e71934786a895c7502c_980e6a.pdf  https://www.khemani.co.in/_files/ugd/_51940a_a37d9e404bb444018add73bb5_b52da55.pdf
LIII.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	We have submitted the six monthly compliance reports to RO MoEF & CC Nagpur, Environmental Department, Mumbai and RO MPCB.
LIV.	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	Six monthly reports regarding the status of compliance of EC conditions are regularly sent to all mandated authorities.

	company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Officers of MoEF by e-mail.	
4	The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him. If any or action initiated under EP Act.	We understand the issue and shall be abided accordingly.
5	In case of submission of false document and non-compliance of stipulated conditions, Authority/Environment department will revoke or suspend the environmental clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.	Noted
6	The Environmental department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	We agree
7	Validity of Environment Clearance: The environmental clearance accorded shall be valid for a period of 5 years.	Noted
8	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional	We agree

	environmental protection measures	
	required, if any.	
9	The above stipulations would be enforced among others under the Water (Prevention and control of pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	Noted
10	Any appeal against this environmental clearance shall lie with the National Green Tribunal, Van Vigyan Bhawan, Sec -5, R.K. puram, New Delhi – 110022, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted

#### ANNEXURE -I

#### PROJECT DETAILS

Project Name Proposed Slum Rehabilitation Scheme project for "Shivshakti Nagar

Co-operative Housing Society Ltd."

**Location** On land bearing Part of CTS. No. 1110 of village Kandivali, situated

at Powels land, Tulaskarwadi, M. G. Cross Road No. 1, Kandivali

(West), Mumbai

**Developer Name** Bombay Slum Redevelopment Corporation Ltd.

EC Details ENVIRONMENTAL CLEARANCE LETTER NO. SEIAA-EC-

0000001419 dated. 26.03.2019

#### **AREA STATEMENT:**

Sr. No.	Details	Area
1.	Plot Area	30,100.30 m <sup>2</sup>
2.	FSI area	1,34,811.12 m <sup>2</sup>
3.	NON FSI area	1,38,143.48 m <sup>2</sup>
4.	Total Construction area	2,72,954.60 m <sup>2</sup>

### **ANNEXURE - II**

### WATER BALANCE

Water Demand	Quantity	Unit
Water consumption	2,240	KLD
Sewage generation	2,085	KLD
STP capacity	2,220	KLD
Recycling		KLD
Treated water is recycled & used for flushing	2,064	KLD
Treated water used for gardening	12	KLD
Excess Treated Water is disposed in Municipal Sewer Line.	1,306	KLD

Particulars	No of Flats /Shops	Occupancy	Total Population	Water Req Basis (in l		Total Water Requirement/ person	Water Demand KLD
				Domestic	Flushing		
Residential Flats (Rehab)	1,780	5	8,900	90	45	135	1,202
Shops (Rehab)	49	3	147	25	20	45	7
Amenity area (Rehab)	1,419	1 Person/10 m2	142	25	20	45	6
Residential Flats (Sale)	1,498	5	7,490	90	45	135	1,011
Shops (Sale)	19	3	57	25	20	45	3
Amenity area (Sale)	1,200	1 Person/10 m2	120	25	20	45	5
Sub-Total			16,856				2,234
Swimming pool Make-up							6
Total						•	2,240
Sewage Generation				90 % of Domestic & 100 % of Flushing Requirement		2,085	
Sludge				1 % of Sew	age Genera	tion	21
Recycling for Flushing							
Residential Flats (Rehab)	1,780	5	8,900		45	45	445
Shops (Rehab)	49	3	147		20	20	3
Amenity area (Rehab)	1,419	1 Person/10 m2	142		20	20	3
Residential Flats (Sale)	1,498	5	7,490		45	45	293
Shops (Sale)	19	3	57		20	20	1
Amenity area (Sale)	1,200	1 Person/10 m2	120		20	20	2
Total			16,856				747
Recycling for Gardening (m <sup>2</sup> )		2342				5l/m <sup>2</sup>	12
<b>Excess Treated Water to sew</b>	er line		•			•	1,306

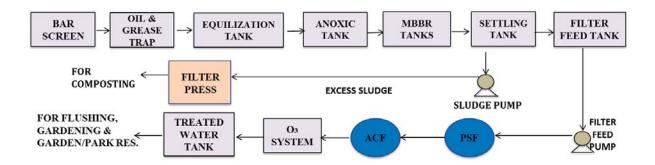
#### **ANNEXURE II**

### **Sewage Treatment Plant**

**Sewage Generation**: 2,085 KLD

STP Capacity: Total 8 STP's Capacity: 2,220 KLD

Technology Used: MBBR Technology



#### **ANNEXURE - III**

#### **SOLID WASTE MANAGEMENT PLAN**

• Wet Garbage: 3255kg/day.

• Dry Garbage: 2170 kg/day.

• E Waste: 0.5 T/yr., separate storage place is provided for E Waste

- The biodegradable and non-biodegradable waste will be segregated at source of waste generation. Then this will be separately disposed in municipal waste disposal system.
- Biodegradable garbage will be composted using organic waste converter (OWC).

### **ANNEXURE IV**

### **EMP COST**

Component	Capital Cost (Rs. In Lakhs)	0 & M Cost (Rs. In Lakhs/year)
STP (Tertiary)	440	88
Solar PV panels and solar Hot Water system	145	7
Rain Water Harvesting	97	5
Solid waste Composting plant	132	53
Landscape development	21	3
Environmental Monitoring	-	8
Total Cost	835	164

#### **ANNEXURE V**

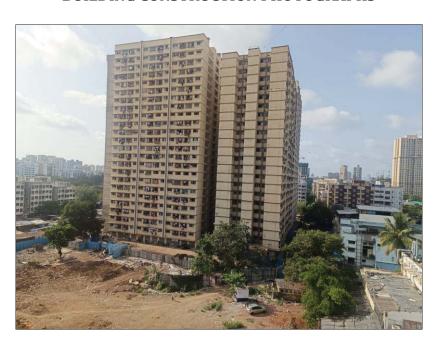
#### **NEWSPAPER ADVERTISMENT**



### **ANNEXURE VI**

### **SITE PHOTOGRAPHS**

### **BUILDING CONSTRUCTION PHOTOGRAPHS**



LABOUR CAMP PHOTO



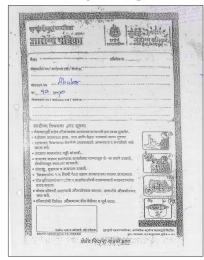
TOILET FACILITY PROVIDED TO LABOURS



# DRINKING WATER SUPPLY TO THE WORKERS



# HELATH CARD REPORT OF THE WORKERS



**OWC** 



### **STP**



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	TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2023-24/09/2251	Report Date	07 10 202	.10.2023	
Sample ID: -	GESEC/PRO/AAQM/2023-24/09/2251	Report Date	07.10.202		
Name & Address of the Customer	M/s Bombay Slum Redevelopment Corpo at land bearing Part of CTS. No. 1110 of vi Tulaskarwadi, M. G. Cross Road No. 1, Kan	llage Kandivali, situa			
	AMBIENT AIR SAMPLE DETA	ILS			
Туре	Sampling Location	Sampling done by Sampling		mpling Time Total Hrs)	
Ambient Air	Project Site	Consultar	nts	8 Hrs.	
Date of Sampling	Sample Receipt Date	A	nalysis End Dat	e	
27.09.2023	28.09.2023	05.10.2023			
Parameters	Method	Unit	NAAQ Standards	Result	
Particulate Matter PM <sub>10</sub>	IS:5182 (PART 4):2019	μg/m³	≤ 100	82.3	
Particulate Matter PM <sub>2.5</sub>	IS:5182 (PART 24):2019	μg/m³	≤ 60	38.7	
Sulphur Dioxide (SO <sub>2</sub> )	IS:5182 (PART 2):2017	μg/m³	≤ 80	34.2	
Oxide of Nitrogen (NO <sub>2</sub> )	IS:5182 (PART 6):2018	μg/m³	≤ 80	42.4	

All above results are within National Ambient Air Quality standards.

BDL - Below Detectable Limit.

PUNE

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	TEST REPORT			
Test Report No: -	GESEC/PRO/ANLM/2023-24/	Damant Data	07.10.202	
Sample ID: -	GESEC/PRO/ANLM/2023-24/	09/2252	Report Date	07.10.202
Name & Address of the Customer	M/s Bombay Slum Redevelop at land bearing Part of CTS. N Tulaskarwadi, M. G. Cross Roa Maharashtra	o. 1110 of village	e Kandivali, situate	
	The contract resident to contract to the contr			
	AMBIENT NOISE SAMPLE I	DETAILS		
Туре	Ambient Noise			
Sampling done by	Consultants			
Standard method	As Per IS: 9989:2020			
Date of Monitoring	27.09.2023	According to the second		
Timing of Monitoring	Unit	Results	5	CPCB Standards dB(A)
Location		Project sit	e	
Day	dB(A) Leq	56.7		55*
Night	dB(A) Leq	45.5		45*

- Limit During Day time < 55. (Day time shall mean from 6.00 am to 10.00 pm.) Limit During Night time < 45. (Night time shall mean from 10.00 pm to 6.00 am.)
- \*As per Code of practice for Controlling Noise prescribed by Noise Pollution Committee from Sources other than Industries and Automobiles, the maximum noise levels near the construction site should be limited to 75 dB(A) Leg(5 min.) in industrial areas and to 65 dB(A) Leg (5 min.) in other areas. http://envfor.nic.in/citizen/specinfo/noise.html



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	TEST REPORT	
<b>Test Report No</b> – GESEC/PRO/W/2023-24/09/2253	Date of Reporting	07.10.2023
Sample ID - GESEC/PRO/W/2023-24/09/2253	Sample Details	Drinking Water
Name & Address of the Customer -	Type of Sample	Water
M/s Bombay Slum Redevelopment Corporation	Volume Of Sample	2 Lit Plastic Can
Limited.	Sample Status	Sealed
at land bearing Part of CTS. No. 1110 of village	Sample Collected By	Consultants
Kandivali, situated at Powels land, Tulaskarwadi, M.	Date of Sample Collection	27.09.2023
G. Cross Road No. 1, Kandivali (West), Mumbai,	Analysis End Date	06.10.2023
State – Maharashtra	Sampling Location :	Project site

	WA	TER ANALYSIS REP	ORT	
Parameter	Result	Limits as per IS 10500:2012	Unit(s)	Standard Method
		<b>Physical Parameter</b>	•	
Turbidity	<1	Max1	NTU	IS:3025(part10):2019
TDS	126	Max 500	mg/l	IS :3025(part 16):2017
Color	<5	Max 5	Hazen	IS:3025 (part 4):2021
		Chemical Paramete	r	1000
рН	7.42	6.5 to 8.5	-	APHA 4500, 23 <sup>rd</sup> Edition:2017
Total Hardness	165	Max 200	mg/l	IS:3025 Part-21:2019
Total Alkalinity	102	Max 200	mg/l	IS:3025 Part-23:2019
Sulphate	BDL	Max 200	mg/l	IS:3025 Part-24:2019
Chloride	78	Max 250	mg/l	IS:3025 Part-32:2019
Calcium (as Ca)	11.2	Max 75	mg/l	IS:3025 Part-40:2019
Magnesium (as Mg)	4.2	Max 30	mg/l	APHA 3500- Mg, B, 23 <sup>rd</sup> Edition:2017
	2	Elemental Analysis		
Iron as Fe	<0.1	Max 0.3	mg/l	IS:3025(part 2):2019
	Mic	robiological Param	eter	
Total Coliform	Absent	Absent	MPN/100ml	IS 1622:1981
E.coli.	Absent	Absent	per/100ml	IS 1622:1981

#### Remark(s):

The above water sample is Comply with required limit as per IS 10500:2012.

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		TI	EST REPORT		
Report No: GESEC/PRO/SO/20			Date of Report	07.10.2023	
Sample ID: GESEC/PRO/SO/2023-24/09/2254			Date of Sampling	27.09.2023	
Name and Address of the Customer -			Start Date of Analysis	28.09.2023	
M/s Bombay Slum Redevelopment Corporation Limited. at land bearing Part of CTS. No. 1110 of village Kandivali, situated at Powels land, Tulaskarwadi, M. G. Cross Road No. 1, Kandivali (West), Mumbai, State – Maharashtra			End Date of Analysis	06.10.2023	
			Sample Details	soil	
			Nature of sample	solid	
Sample Collected By					
Parameter	Result	Unit	Standard Method		
Colour	Black		APHA: 22 <sup>nd</sup> edition-(2540-E)		
рН	7.42		IS:2720(Part 26),Rev:2016		
Water Content/Moisture	1.8	%	IS 2720(Part 22)2020		
Electrical Conductivity	3.5	mhos/Cm	IS 14767:2021		
Organic Carbon	4.8	%	Lab SOP No. NIL/SOP/05 Based on Manual of Soil testing in India, Ministry of Agriculture, GOI: 2011		
Cation Exchange Capacity	40.2	Meq/100g m	Lab SOP No. NIL/SOP/08 Based on Manual of Soil testing in India, Ministry		
Available Nitrogen	57.6	mg/Kg	APHA 4500-Norg-B,23rd Ed 2017		
Available Phosphorous as PO4	34.7	mg/Kg	Method manual, Soil testing in India (Department of agriculture and cooperation, Ministry of agri. Government of India, Page No.95:2011)		
Available Potassium as K	70.2	mg/Kg	Method manual, Soil testing in India (Department of agriculture and cooperation, Ministry of agri. Government of India, Page No.149:2019)		
Sodium	1.8	mg/kg	Lab SOP No. NIL/SOP/10 Based on Manual of Soil testing in India Ministry of Agriculture, GOI: 2011		
Copper	<2	mg/kg	EPA 3050 B Air- Acetylene flame AAS Method: 1996		
Zinc	<2.5	mg/kg	EPA 3050 B Air- Acetylene flame AAS Method : 1996		
Total Chromium	<5	mg/kg	EPA 3050 B Air- Acetylene flame AAS Method: 1996		
Cadmium	<5	mg/kg	EPA 3050 B Air- Acetylene flame AAS Method: 1996		
Lead	<1	mg/kg	EPA 3050 B Air- Acetylene flame AAS Method: 1996		

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