

Date: 07.05.2025

To,

The Additional Director (S),

Regional Office (WCZ),

Ministry of Environment, Forest and Climate Change,

Nagpur.

Subject

: Submission of six-monthly compliance monitoring report (January 2025 – June 2025) for the Proposed residential cum commercial redevelopment known as "Apna Ghar Unit no-09 co-op. HSG Society Ltd" at plot no 11 CTS no 1/28, survey no.41 (PT), opp. J. P. Road, Oshiwara village, Andheri

west, "K/W" ward, Mumbai

Reference : EC Identification No. EC23B038MH173030 dated 10th August 2023

Respected Sir,

The Proposed residential cum commercial redevelopment known as "Apna Ghar Unit no-09 co-op. HSG Society Ltd" at plot no 11 CTS no 1/28, survey no.41 (PT), opp. J. P. Road, Oshiwara village, Andheri west, "K/W" ward, Mumbai is being developed M/s.

**Bharat Realty Venture Private Limited** 

As per EIA notification dated 14th September 2006 & conditions stated in Environmental Clearance Letter, we are submitting January 2025 - June 2025 Six Monthly Compliance Monitoring Report.

We request to acknowledge the same and oblige.

Thanking you,

Yours Sincerely,

For,

M/s. Bharat Realty Venture Private Limited

MUMBA

**Authorized Signatory** 

**Enclosures:** 

1. Point wise compliance report

**Bharat Realty Venture Private Limited** 

502, 5th Floor, Supreme Chambers, 17/18 Shah Industrial Estate, Off Veera Desai Road, Andheri (W), Mumbai, Maharashtra 400053. T 022 6190 0000 | E info@bharatrealty.in | W www.bharatrealty.in | GSTIN 27AABCB3630P1ZJ CIN U45200MH1998PTC116452



# SIX MONTHLY COMPLIANCE REPORT OF STIPULATED CONDITIONS OF ENVIRONMENTAL CLEARANCE (January 2025 - June 2025)

Of

Proposed residential cum commercial redevelopment known as "APNA GHAR Unit No. – 09 Co – Op. Hsg. Society Ltd" at plot no.11 CTS no 1/28, survey no.41(PT), opp. J. P. Road, Oshiwara village, Andheri west, "K/W" ward.

### M/s. Bharat Realty Venture Private Limited

502, supreme Chambers, 17/18 Shah Industrial Estate, Off Veera Desai Road, Andheri (West), Mumbai - 400053

### Submitted to

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

### **Project Details**

Sr. No.	Project details	
1.	Name of the project	Proposed residential cum commercial redevelopment known as "APNA GHAR Unit No.— 09 Co-Op. Hsg. Society Ltd" at Plot No. 11, CTS No. 1/28, Survey No. 41(PT), Opp. J. P. Road, Oshiwara Village, Andheri West, "K/W" Ward, Mumbai.
2.	Name of the project proponent	M/s. Bharat Realty Venture Private Limited
3.	Clearance Identification No. and Date	EC23B038MH173030 dated 10/08/2023
4.	Area Statement:	
5.	Total Plot area (Sq.mt)	6,513.40
6.	FSI Area (Sq.mt)	33,514.19
7.	Non-FSI Area (Sq.mt)	40,205.83
8.	Total Construction area (Sq.mt)	73,720.02
9.	Total no. of flats	Total No. of Flats: 257 Nos. Commercial Area: 3911.89 Sq.m
10.	Water Requirement of the project (CMD)	234.4 KLD
11.	STP details	STP Capacity: 230 KLD Technology: MBBR Location: Basement
12.	Solid waste details (During Construction Phase)	Dry Waste: 5 Kg/day Wet Waste: 3.5 kg/day
13.	Solid waste details (During Operation Phase)	Dry Waste: 578.6 Kg/day Wet Waste: 385.7 kg/day Total: 964.3 Kg/Day

## Monitoring the Implementation of Environmental Safeguards Ministry of Environment, Forests and Climate Change Regional Office (West Central Zone), Nagpur Monitoring Report PART – I

### **DATA SHEET**

1.	Inc	oject type: River - valley/ Mining / dustry / Thermal / Nuclear / Other ecify)	:	8(a) Building and Construction project
2.	Na	me of the project	:	Proposed residential cum commercial redevelopment known as "APNA GHAR UNIT NO – 09 CO – OP. HSG.SOCIETY LTD" at Plot No. 11, CTS No. 1/28, Survey No. 41(PT), Opp. J. P. Road, Oshiwara Village, Andheri West, "K/W" Ward, Mumbai.
3.	Clo	earance Identification No. and Date	:	EC23B038MH173030 Dated 10 <sup>th</sup> August 2023
4.	Lo	cation	:	Village- Andheri
	a.	District (S)	:	Mumbai Suburban
	b.	State (S)	:	Maharashtra
	c.	Latitude/ Longitude	:	Latitude- 19°8'27.13"N
				Longitude - 72°49'36.66"E
5.	Α -	11 C 1		
J .	AC	ldress for correspondence	:	M/s. Bharat Realty Venture Private
<i>J</i> .	Ac	dress for correspondence	:	M/s. Bharat Realty Venture Private Limited 502, supreme Chambers, 17/18 Shah Industrial Estate, Off Veera Desai Road, Andheri (West), Mumbai – 400053.
<i>J</i> .	a.	Address of Concerned Project Chief	:	Limited 502, supreme Chambers, 17/18 Shah Industrial Estate, Off Veera Desai Road, Andheri (West), Mumbai –
				Limited 502, supreme Chambers, 17/18 Shah Industrial Estate, Off Veera Desai Road, Andheri (West), Mumbai – 400053.
		Address of Concerned Project Chief Engineer (with pin code and Telephone / telex / fax numbers		Limited 502, supreme Chambers, 17/18 Shah Industrial Estate, Off Veera Desai Road, Andheri (West), Mumbai – 400053.  Mr. Ravindra Bakki (President- Constructions) M/s. Bharat Realty Venture Pvt. Ltd., 502, Supreme Chambers, 17/18 Shah Industrial Estate, Off Veera Desai Road, Andheri (West), Mumbai- 400053. Contact No. 022-6190 0000
		Address of Concerned Project Chief Engineer (with pin code and Telephone / telex / fax numbers  Address of Executive Project:		Limited 502, supreme Chambers, 17/18 Shah Industrial Estate, Off Veera Desai Road, Andheri (West), Mumbai – 400053.  Mr. Ravindra Bakki (President- Constructions) M/s. Bharat Realty Venture Pvt. Ltd., 502, Supreme Chambers, 17/18 Shah Industrial Estate, Off Veera Desai Road, Andheri (West), Mumbai- 400053.  Contact No. 022-6190 0000  Mr. Pravin Rever
	a.	Address of Concerned Project Chief Engineer (with pin code and Telephone / telex / fax numbers	:	Limited 502, supreme Chambers, 17/18 Shah Industrial Estate, Off Veera Desai Road, Andheri (West), Mumbai – 400053.  Mr. Ravindra Bakki (President- Constructions) M/s. Bharat Realty Venture Pvt. Ltd., 502, Supreme Chambers, 17/18 Shah Industrial Estate, Off Veera Desai Road, Andheri (West), Mumbai- 400053. Contact No. 022-6190 0000

6. Sa a. b.	alient features:  Of the project  Of the environmental management		No. 41(PT), Opp. J. P. Road, Oshiwara Village, Andheri West, "K/W" ward, Mumbai- 400 053. Contact No. 09920120191
a.	Of the project		"K/W" ward, Mumbai- 400 053.
a.	Of the project		•
a.	Of the project		Contact No. 09920120191
a.	Of the project	1	
b.	( )t the environmental management	:	Annexure A
l l		:	Annexure B
<u> </u>	plans		
7. B	reakup of the project area:	1	
a.	submergence area forest and non-	:	Non-Forest
	forest		
b.	0 41111	:	
	reakup of the project affected Population	:	Not Applicable
	ith enumeration of Those losing		
	ouses/dwelling units Only agricultural		
	nd only, both Dwelling units and		
-	gricultural Land and landless laborers		
/a	rtisan		
a.	SC, ST/Adivasis	:	Not Applicable
b.	Others	:	Not Applicable
	(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)		
9. Fi	nancial details:		
a.	Project cost as originally planned and	:	Cost of the project: Rs. 396 Crores
	subsequent revised estimates and the		
	year of price reference		
b.	Allocation made for environ-	:	Yes.
	mental management plans with		Attached as Annexure B
	item wise and year wise Break-up.		
c.	D C	:	-
	Return and the year of assessment		
d.	*	:	Yes. Refer Annexure - C
	environmental management as		
	shown in the above.		
e.	Actual expenditure incurred on the	:	EMP Cost 10.10 Lakhs
	environmental management plans so		
	far		
10. Fo	prest land requirement	1	L

		TTI	1	NY . A . 41 . 1.1
	a.	The status of approval for	:	Not Applicable
		diversion of forest land for non-		
		forestry use		
	b.	The status of clearing felling	:	Not Applicable
	c.	The status of compensatory	:	Not Applicable
		afforestation, if any		
	d.	Comments on the viability and	:	Not Applicable
		sustainability of compensatory		
		afforestation program in the light of		
		actual field experience so far		
11.	Th	e status of clear felling in non-forest	:	Not Applicable
	are	as (such as submergence area of		
		ervoir, approach roads), if any with		
		antitative information		
12.		tus of construction:	ı	
	a.	Date of commencement	:	10.11.2023
		(Actual and/or planned)		
	b.	Date of completion	:	30.9.2030
		(Actual and/ of planned)		
13.	Re	asons for the delay if the Project is yet	:	Project work started
	to s	start		
14	Da	tes of site visits:		
	a.	The dates on which the project was	:	Not yet visited
		monitored by the Regional Office on		
		previous Occasions, if any		
	b.	Date of site visit for this monitoring	:	14.10.2024
		report		
15.	De	tails of correspondence with Project	:	Not Applicable
	aut	horities for obtaining Action		
	pla	ns/information on Status of		
	coı	npliance to safeguards Other than the		
	rou	tine letters for Logistic support for site		
	vis			
(The fir	st m	onitoring report may contain the details	of a	ill the Letters issued so far but the

(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 State of Work**

	Current status of Construction work	Architect letter is attached
a.	Date of Commencement (Actual and/ or planned)	10.11.2023
b.	Date of completion (Actual and/ or planned)	30.9.2030

### **Undertaking Letter**



Date: 12.05.2025

### **Undertaking**

We, M/s. Speco Architect for the Proposed residential cum commercial redevelopment known as "Apna Ghar Unit no-09 co-op. HSG Society Ltd" at plot no 11 CTS no 1/28, survey no.41 (PT), opp. J. P. Road, Oshiwara village, Andheri west, "K/W" ward, Mumbai. The project is being developed by M/s. Bharat Realty Venture Private Limited

Environment Clearance has been obtained on  $10^{\rm th}$  August 2023 (EC Identification No EC23B038MH173030)

We are submitting herewith the current status of the project as follows:

	According to EC
Total FSI area	33,514.19 Sq.mt
Total Non-FSI area	36,503.26 Sq.mt
Total Construction area	70,017.45 Sq.mt
Construction done till date	25638.24 Sq.mt
Remarks	Up to 7th floor completed and 8th floor work
	in progress

Thanking you. Yours faithfully,

M/s. Speco Architect.

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Dotton (Niting Control of Control of

Ar. Nitin Gunjal (Council of Arch.Reg.No.CA/2008/42482)

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Off. Add: 09, 2nd Floor, Mayur Niwas, Dr. Babasaheb Ambedkar Road, Dadar T.T, Dadar (E), Mumbai -400014. Cell No.: +91-9820998758, +91-8850098480 Email: specoarchitect@gmail.com, ar.nitingunjal@gmail.com

## Point Wise compliance status to various stipulations laid down by the Government of Maharashtra as per the Environmental Clearance issued vide letter no. EC23B038MH1110364 dated 9th January 2023 as follows:

Sr. No.	Conditions	Status
Specific Cond		ition
	A. SEAC Cond	itions-
1.	PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provision as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.	We have obtained Intimation of Approval (IOA) from Slum Rehabilitation Authority vide letter No. K/W/PVT/0180/20230130/AP/S on 31st March 2023.  Approved Plan is enclosed as <b>Annexure 2</b> .
2.	PP to obtain following NOCs and remarks: a) Tree NOC;	NOC Name   Approval Details   Remarks
	b) MMRCL NOC;	a) Tree NOC dated on Enclosed as O5.10.2023 Annexure 3
		b) MMRCL Metro NOC dated Enclosed as NOC 07.07.2023 Annexure 4
3	PP to reduce the discharge of treated sewage to 35%; PP to submit NOC from concern authority for use of excess treated water in nearby Garden reservation/Construction.	The discharge of treated sewage to municipal drains is 32.1 percent.  Undertaking for excess treated water is enclosed as <b>Annexure 5</b> .
4	PP to use advanced technologies like foggers for dust suppression in addition to sprinkling of water in construction phase and include the coat of same in construction phase EMP.	Noted and agreed.
5	PP to submit undertaking that they will maintain environment facilities like STP, OWC for 10 years or till formation of society whichever is later.	Noted and agreed.  Undertaking for maintenance of STP and OWC for 10 years or till formation of society is enclosed as <b>Annexure 6</b> .
6	PP to submit revised RG area calculation with bifurcation of RG area provided on mother earth as paved and unpaved RG as per prevailing DCR.	Noted and agreed.

PP to submit revise tree list with total nos. of tree to be planted after the development; PP to count nos. of tree planted on ground only for Tree NOC is e	1
	d.
	enclosed as <b>Annexure 3</b> and
	with tree plantation details is
norms.	*
8 PP to obtain internal sewer remarks within the We have obtained	d sewerage remarks from BMC
project site from MCGM. vide	letter No.
	dD/412/K/W/Ward on
25.5.2023.	
	rks is enclosed as <b>Annexure 8</b> .
9 PP to relocate plantation proposed adjacent to Noted.	
the open to sky area of the STP.	
	osed 129 Nos. of 2-wheeler
	which we are providing Electric
facility. charging points of	of 32 Nos.
Plan showing F	V parking details and Electric
	is enclosed as <b>Annexure 9</b> .
SEIAA Conditions	is cherosed as Himexare 7.
PP has provided mandatory RG area of 749.95 Noted and agree	d.
m <sup>2</sup> on mother earth. Local planning authority to Net plot area is 5	5,829.51 Sq.m.
answer the compliance of the comp	s per DC Regulation is 8percent
ensure the compliance of the same. percent of RG as	1 6 -1
RG Area required	1 0 1
RG Area required	1 0 1
RG Area require RG Area provid ground: 749.95	d 466.36 sq. m led: 1248.12 sq. m. (RG on sq. m [after deducting area of
RG Area required RG Area provide ground: 749.95 DG set] + RG or	d 466.36 sq. m led: 1248.12 sq. m. (RG on sq. m [after deducting area of podium: 498.17 sq. m.)
RG Area required RG Area provide ground: 749.95 DG set] + RG or  PP to plant as many trees as cumulative age of Noted and agreed	d 466.36 sq. m led: 1248.12 sq. m. (RG on sq. m [after deducting area of podium: 498.17 sq. m.)
RG Area required RG Area provide ground: 749.95 DG set] + RG or Noted and agreed tree be cut and trees to be transplanted as per	d 466.36 sq. m led: 1248.12 sq. m. (RG on sq. m [after deducting area of n podium: 498.17 sq. m.) d.
RG Area required RG Area provide ground: 749.95  DG set] + RG or DG set] + RG or Tree be cut and trees to be transplanted as per amended Maharashtra (Urban Areas)  Tree NOC is expressional and tree of the cut and trees to be transplanted as per amended Maharashtra (Urban Areas)	d 466.36 sq. m led: 1248.12 sq. m. (RG on sq. m [after deducting area of a podium: 498.17 sq. m.) d. enclosed as Annexure 3 and
RG Area required RG Area provide ground: 749.95 DG set] + RG or DG set] + RG or Noted and agreed tree be cut and trees to be transplanted as per amended Maharashtra (Urban Areas) Tree NOC is exprotection and Preservation of Tree Act, 1975. Landscape plan	d 466.36 sq. m  led: 1248.12 sq. m. (RG on sq. m [after deducting area of a podium: 498.17 sq. m.)  d.  enclosed as Annexure 3 and with tree plantation details is
RG Area required RG Area provide ground: 749.95 DG set] + RG or DG set] + RG or Noted and agreed tree be cut and trees to be transplanted as per amended Maharashtra (Urban Areas) Tree NOC is exprotection and Preservation of Tree Act, 1975. Landscape plan enclosed as Annexes	d 466.36 sq. m  led: 1248.12 sq. m. (RG on sq. m [after deducting area of a podium: 498.17 sq. m.)  d.  enclosed as Annexure 3 and with tree plantation details is
RG Area required RG Area provide ground: 749.95 DG set] + RG or DG set] + RG or Noted and agreed tree be cut and trees to be transplanted as per amended Maharashtra (Urban Areas) Tree NOC is exprotection and Preservation of Tree Act, 1975. Landscape plan enclosed as Annual PP to keep open space unpaved so as to ensure Noted.	d 466.36 sq. m  led: 1248.12 sq. m. (RG on sq. m [after deducting area of a podium: 498.17 sq. m.)  d.  enclosed as Annexure 3 and with tree plantation details is
RG Area required RG Area provide ground: 749.95 DG set] + RG or DG set] + RG or Noted and agreed tree be cut and trees to be transplanted as per amended Maharashtra (Urban Areas) Protection and Preservation of Tree Act, 1975. Landscape plan enclosed as Annual PP to keep open space unpaved so as to ensure permeability of water. However, whenever	d 466.36 sq. m  led: 1248.12 sq. m. (RG on sq. m [after deducting area of a podium: 498.17 sq. m.)  d.  enclosed as Annexure 3 and with tree plantation details is
RG Area required RG Area provide ground: 749.95 DG set] + RG or  PP to plant as many trees as cumulative age of tree be cut and trees to be transplanted as per amended Maharashtra (Urban Areas) Protection and Preservation of Tree Act, 1975.  PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide  RG Area required RG Area provide ground: 749.95 DG set] + RG or Noted and agreed tree NOC is expressed as Annual Research Protection and Preservation of Tree Act, 1975.  Noted.	d 466.36 sq. m  led: 1248.12 sq. m. (RG on sq. m [after deducting area of a podium: 498.17 sq. m.)  d.  enclosed as Annexure 3 and with tree plantation details is
RG Area required RG Area provide ground: 749.95 DG set] + RG or Noted and agreed tree be cut and trees to be transplanted as per amended Maharashtra (Urban Areas) Protection and Preservation of Tree Act, 1975.  PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types and strength to	d 466.36 sq. m  led: 1248.12 sq. m. (RG on sq. m [after deducting area of a podium: 498.17 sq. m.)  d.  enclosed as Annexure 3 and with tree plantation details is
RG Area required RG Area provide ground: 749.95 DG set] + RG or DG set] + RG or Noted and agreed tree be cut and trees to be transplanted as per amended Maharashtra (Urban Areas) Protection and Preservation of Tree Act, 1975. Landscape plan enclosed as Annual Protection and Preservation of Tree Act, 1975.  PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide	d 466.36 sq. m  led: 1248.12 sq. m. (RG on sq. m [after deducting area of a podium: 498.17 sq. m.)  d.  enclosed as Annexure 3 and with tree plantation details is
RG Area required RG Area provide ground: 749.95 DG set] + RG or Noted and agreed tree be cut and trees to be transplanted as per amended Maharashtra (Urban Areas) Protection and Preservation of Tree Act, 1975.  PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types and strength to increase the water permeable area as well as to allow effective fire tender movement.	d 466.36 sq. m  led: 1248.12 sq. m. (RG on sq. m [after deducting area of a podium: 498.17 sq. m.)  d.  enclosed as Annexure 3 and with tree plantation details is
RG Area require RG Area provide ground: 749.95 DG set] + RG or Noted and agreed tree be cut and trees to be transplanted as per amended Maharashtra (Urban Areas) Protection and Preservation of Tree Act, 1975.  PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types and strength to increase the water permeable area as well as to allow effective fire tender movement.  RG Area require RG Area provide ground: 749.95 DG set] + RG or Noted and agreed the Noted and agreed the Noted and agreed the Noted.  Tree NOC is experimented as Anna enclosed as	d 466.36 sq. m led: 1248.12 sq. m. (RG on sq. m [after deducting area of a podium: 498.17 sq. m.) d. enclosed as Annexure 3 and with tree plantation details is sexure 7.
RG Area require RG Area provid ground: 749.95 DG set] + RG or PP to plant as many trees as cumulative age of tree be cut and trees to be transplanted as per amended Maharashtra (Urban Areas) Protection and Preservation of Tree Act, 1975.  PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types and strength to increase the water permeable area as well as to allow effective fire tender movement.  PP to achieve at least 5% of total energy We have planned.	d 466.36 sq. m led: 1248.12 sq. m. (RG on sq. m [after deducting area of a podium: 498.17 sq. m.) d. enclosed as Annexure 3 and with tree plantation details is nexure 7.
RG Area require RG Area provid ground: 749.95 DG set] + RG or  PP to plant as many trees as cumulative age of tree be cut and trees to be transplanted as per amended Maharashtra (Urban Areas) Protection and Preservation of Tree Act, 1975.  PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types and strength to increase the water permeable area as well as to allow effective fire tender movement.  PP to achieve at least 5% of total energy requirement from solar/other renewable from solar resour	d 466.36 sq. m led: 1248.12 sq. m. (RG on sq. m [after deducting area of a podium: 498.17 sq. m.) d. enclosed as Annexure 3 and with tree plantation details is nexure 7.

5	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF and CC vide F.No.22-34/2018-IA.III dt.04.01.2019.	Noted.
6	SEIAA after deliberation decided to grant EC for - FSI- 33,514.19 m², Non FSI- 36,503.26 m² and total BUA- 70,017.45 m². (Plan approval No. K/W/PVT/0180/20230130/AP/S	Yes, we have received the EC for FSI Area-33,514.19 m <sup>2</sup> , non-FSI Area-36,503.26 m <sup>2</sup> , Total Built Up Area-70,017.45 m <sup>2</sup> .
	dated on 31.3.2023) (Restricted as per approval)	Approved Plan is enclosed as <b>Annexure 2</b> . Environmental Clearance copy is enclosed as <b>Annexure 1</b> .
	General Cond	
	Construction	
I	The solid waste generated should be properly and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	During Operation phase, solid waste generated from the said project would be collected and segregated into wet and dry waste. Wet waste will be treated by Organic Waste Converter while Dry waste/Inert Waste would be handed over to authorized recyclers and MCGM respectively. The dried sludge from STP and compost will be used as manure for landscaping. Solid waste generation details:  a. Total solid waste: 964.3 Kg/Day
II	Disposal of musk, Construction spoil, including bituminous material during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in the approved sites with the approved sites with the approved of competent authority.	b. Biodegradable waste: 385.7 Kg /Day c. Non-biodegradable waste: 578.6 Kg/Day We have provided designated areas for temporary storage of mucks and are being handed over to concerned authority on daily basis. Copy of SWM NOC is enclosed as Annexure 11.
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	No hazardous waste generation during construction phase.
IV	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for Mobile toilets. The Safe disposal of wastewater and	Hutment are provided on site for construction workers. Proper housekeeping and regular pest control is being carried out though construction. First aid and medical facilities are provided

	solid waste generated during construction	during construction. Site sanitation like safe and
	phase be ensured.	adequate municipal water for drinking and domestic purpose, toilets, bathrooms and periodic checkup facilities are provided during construction phase. Waste generated from toilets and bathrooms is collected by sewage
		suction tanker by local solid waste management facility for further treatment. Provision is made for temporary room within the project site for collection, segregation and storage of biodegradable and non-biodegradable. First segregated into biodegradable, non-biodegradable, recyclable and reusable waste. The biodegradable waste will be treated in an organic waste convertor (OWC) and the non-biodegradable waste will be handed over to local solid waste management facility for further treatment Please Refer <b>Annexure 12</b> –
		Sanitary and Hygienic measures provided to workers
V	Arrangement shall be made the waste water and storm water do not get mixed.	Separate Arrangement is made for storm water drain and waste water line so that it does not get mixed with each other. Also, excess storm water will be drained to municipal storm water drains
VI	Water demand during construction should be reduced by use of pre-mixed concreate, curing agent and other best practices.	Agreed to comply with.  Ready Mix Concrete along with fly ash is being used
VII	The ground water level and its quality should be monitored regularly is 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	No extraction of ground water from site for construction activities.
IX	Fixture for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensorbased control.	Yes. Low pressure water fixtures are proposed
X	The Energy Conservation Building code shall be strictly adhered to.	Proposed Building is complying with the norms of ECBC.
XI	All the topsoil excavated during construction activities should be stored	Excavated soil is used for backfilling and leveling of the plot and remaining shall be used within site for landscaping.

XII	Additional soil for levelling of the proposed site shall be generated within the site (to the extent possible) so that natural drainage system of the area is protected and improved	Excavated Soil from the proposed project would be used for levelling of the proposed site.
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	The construction process does not involve any activity which may lead to leaching of Heavy metal and toxic contaminants. Hence there is no threat of contamination to subsoil and ground water.
XIV	PP to strictly adhere to all the condition mentioned in Maharashtra (Urban Area) Protection and Preservation of Trees Act,1975 as amened during the validity of Environment Clearance.	PP Agreed
XV	The diesel generator sets to be used during construction phase should be low Sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standard.	DG set are not used during construction phase. It is only used as a power back up source during power failure in operation phase
XVI	Vehicles hired for transportation of Row material shall strictly comply the emission norms prescribed by Ministry of Road Transport and Highway Dept. The vehicle shall be adequately covered to avoid spillage/leakages.	Vehicles used for transportation of material are with valid PUC as per Government norms. PUC Certificate attached as <b>Annexure 18</b>
XVII	Ambient noise level should conform to residential standard both during day and night. Incremental pollution load on the ambient air and noise quality should be closely monitored during construction phase, so as to conform to the stipulated standard by CPCB/MPCB	During construction phase adequate measures are taken to maintain ambient air and noise quality within the prescribed limit. Water sprinkling would be carried out as dust suppression to arrest fugitive dust arising mainly due to transportation of construction material. The vehicles hired by the Contractor for construction purposes are checked for valid PUC certificates. Air and Noise level monitoring is being carried out during the construction phase to ensure that the ambient air quality and noise levels are within the prescribed limits. The plot is barricaded to avoid spread of pollutants.

XVIII	Diesel power generating sets proposed as source of backup power for elevators types and conform to rules made under the Environmental (Protection) Act,1986. The height of stack of DG set 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.  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.	DG set of 1*500 KVA is proposed for operation phase to be used as a power back up source during power failure. During operational phase DG sets would be kept in the DG room which would be acoustically covered. Stack heights will be provided as per norms.  Regular supervision of site is being carried out
	Operational p	hasa
I.	<ul> <li>a) The solid waste generated should be properly collected and segregated.</li> <li>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</li> <li>c) Dry/inert Solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.</li> </ul>	Segregation of non-biodegradable and biodegradable garbage on site.  • Treatment of biodegradable waste: By OWC  • Segregation, storages facilities for all solid waste streams  • Non- biodegradable garbage: Will be segregated into recyclable and non-recyclable waste.
II	E-waste shall be disposed through Authorized vendor as per E-Waste (Management and Handling) Rules,2016	E- waste shall be disposed through authorized vendor as per amended E- Waste (Management and Handling) Rule 2016
III	a) The installation of the Sewage Treatment plant (STP) Should Be certified by an independent expert and report in this regard should be submitted to the MPCB and Environment department before the project	Noted. PP will submit certificate after installation of STP. During operational phase 196.1 KLD sewage will be generated which will be treated in STP of total capacity 230 KLD. Treated waste water from STP would be

		1 1 1 10 11 10 1
	is commissioned for operation. Treated	recycled and reused for Flushing and Gardening purposes.
	effluent emanating from STP shall be	parposes.
	recycled /reused to the maximum extent	
	possible. Treatment of 100% gray water by	
	decentralized treatment should be done.	
	Necessary measures should be made to	
	mitigate the odour problem from STP.	
	b) PP to given 100% treatment to	
	sewage/Liquid waste and explore the	
	possibility to recycle at least 50percent of	
	water, Local authority should ensure this.	
IV	Project proponent shall ensure completion	PP ensures that no occupancy will be given in
	of STP, MSW disposal facility, green belt	the proposed project until and unless STP and
	development prior to occupation of the	MSW disposal facilities and green belt
	building. As agreed during the SEIAA	development is completed in the said project.
	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 environment	
	infrastructure is installed and made	
	functional including water requirement.	
V	The Occupancy Certificate shall be issued	Noted.
	by the Local Planning Authority to the	We hereby also undertake that we will not give
	project only after ensuring sustained	occupancy in our Proposed Building until and
	availability of drinking water, connectivity	unless there is sustained availability of drinking
	sewer line to the project site and proper	water and connectivity of sewer line to the
	disposal of treated water as per	project.
	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	Public road and public area are not being used for project activity purpose and these are free for smooth traffic movement. Provisions are made for adequate parking facilities within the project complex and no public space will be used for parking of vehicles.  Residential:  4 wheelers—623 Nos  2 wheelers—129 Nos		
VII	PP to provide adequate electric charging points for electric vehicles (EVs.)	Agreed. PP has provided electric charging points for vehicles.  EV Parking Details:  2-Wheeler (Proposed) (Proposed)  25% on EV of total parking provided 32 Nos. 155 Nos.		
VIII	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local CFO/Agriculture Dept.	<ul> <li>The green area proposed is 1248.12 Sq.m. Accordingly same will be provided as per approved plan.</li> <li>Plantation Details- Existing trees on plot: 133 Nos. Number of trees to be planted: <ul> <li>a) In RG area: 150 Nos.</li> <li>b) In Miyawaki Plantation: 80 Nos. (26 Sq.m.)</li> </ul> </li> <li>Number of trees to be cut: 57 Nos. <ul> <li>Number of trees to be retained: 74 Nos.</li> <li>Total Nos. of trees after development: 304 Nos.</li> </ul> </li> <li>A combination of native evergreen trees and ornamental flowering trees, shrubs and palms are planned in the complex.</li> <li>Species will be selected as per CPCB greenbelt guidelines and common species available in the proposed area.</li> </ul>		
IX	A separate environmental management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards	A separate environment management cell with qualified staff is appointed for implementation of the stipulated environmental safeguards		

X	Separate funds shall be allocated for Implementation of environmental protection measures/EMP along with item-wise break up. This cost shall be included as part of the object cost. The funds earmarked for the environment protection measures shall be diverted for the other purposes.	Separate funds have been allocated for implementation of Environmental Protection Measures
XI	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at website at parivesh.nic.in	We have given advertisement in two local newspapers.  Refer Annexure 13 for newspaper advertisement
XII	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 be put on the website of the company by the proponent	Agreed to Comply with. Developers have submitted copy of Environment clearance to local Municipal Corporation and NGO and has been uploaded the same on the website of the company
XIII	The proponent shall upload the status of compliance of the stipulated EC Conditions, including results of monitored data on their website and shall update the same periodically. It Shall simultaneously be sent to the Regional Office of MoEF, the respective zonal office of CPCB and the SPCB. The criteria pollutants level namely; SPM, RSPM, SO2, NOx (ambient levels as well as stack emission) or critical sector parameter, indicated for the project shall be monitored and displayed at conventional location near the main gate of the company in the public domain.	Agreed to Comply with. We are submitting six monthly report copies to MPCB, Environment Department and MoEF regional office.
-	General EC Conc	
Ι	PP has to strictly abide by the conditions by SEAC and SEIAA	Yes, developer has agreed to follow the mentioned condition

II	If applicable Consent for Establish" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act a copy shall be submitted to the Environment department before start of any construction work at the site.	Yes, we have received Consent to Establish from MPCB, Consent No. Format1.0/CC/UAN No.0000177596/CE/2311000696 dated 08.11.2023. Please Refer Annexure 14 for Consent Copy
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 Clearances	Noted
IV	The project proponent shall also submit six monthly reports on the status of compliance of the compliance of the stipulated EC Condition including results of monitoring data (Both in hard copies as well as by e-mail) to respective Regional Office of MoEF, The respective Zonal Office of CPCB and the SPCB	We are enclosing status of the project along with six monthly reports to respective MoEF regional office, MPCB office by email format.
V	The environmental statement for each financial year ending 31st March in forms-V as 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 condition and shall also be sent to the respective Regional Office of MoEF by e-mail	We hereby undertake to submit Environment statement for each year to MPCB.  Refer Annexure 15 for Latest Submitted Environmental Statement. (Form V)
VI	No further Expansion or modification, other than mentioned in the EIA Notification 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In Case of deviation or alternation 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 obtained NOC from Forestry and Wild life	Not Applicable as the project site is not in the forest area and also does not fall in Eco-

angle including clearance from the standing	Sensitive zone of SGNP. The Google location
committee of the National Board for Wild life	of the project is attached as <b>Annexure 16</b> .
as if applicable and this environment clearance	
does not necessarily imply that Forestry and	
Wild life clearance granted to the project which	
will be considered separately	

### **List of Annexures**

Annexure No.	Annexure Name
1.	EC Copy
2.	Approved plan
3.	Tree NOC
4.	Metro NOC
5.	Undertaking for excess treated water
6.	Undertaking for maintenance of STP and OWC for 10 years
7.	Tree plantation plan
8.	Sewerage remarks from BMC
9.	Plan showing EV parking details and Electric Charging points
10.	Energy Saving Calculation
11.	SWM NOC
12.	Sanitary and Hygienic measures provided to workers
13.	Newspaper advertisement
14.	Consent Copy
15.	Form V
16.	Google Image
17.	Site Photographs
18.	PUC Certificate
19.	Monitoring Report

### **ENVIRONMENTAL** CLEARANCE

## Pro-Active and Responsive Facilitation by Interactive, Single-Window Hub) Virtuous Environmental pue



### Government of India Ministry of Environment, Forest and Climate Change (Issued by the State Environment Impact Assessment Authority(SEIAA), MAHARASHTRA)

To,

The -1

BHARAT REALTY VENTURE PRIVATE LIMITED

1, Bharat Corporate Avenue, Near Versova Police Station, D. N. Nagar, Andheri - West, Mumbai  $\;$  -400053

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/MH/INFRA2/426183/2023 dated 15 Apr 2023. The particulars of the environmental clearance granted to the project are as below.

EC Identification No. EC23B038MH173030 SIA/MH/INFRA2/426183/2023 2. File No.

3. **Project Type** New 4. Category B

Project/Activity including Schedule No. 8(a) Building and Construction projects 5.

Proposed residential cum commercial redevelopment known as "APNA GHAR UNIT NO – 09 CO – OP. HSG.SOCIETY LTD" at plot no.11 CTS no 1/28, survey no.41(PT), opp. J. P. Road, Oshiwara Name of Project

village, Andheri west, "K/W" ward. BHARAT REALTY VENTURE PRIVATE Name of Company/Organization

LIMITED MAHARASHTRA 8. Location of Project

**TOR Date** N/A

The project details along with terms and conditions are appended herewith from page

no 2 onwards

Date: 10/08/2023

(e-signed) Pravin C. Darade , I.A.S. Member Secretary SEIAA - (MAHARASHTRA)



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.

This is a computer generated cover page.

EC Identification No. - EC23B038MH173030 File No. - SIA/MH/INFRA2/426183/2023 Date of Issue EC - 10/08/2023

Page 1 of 11

### STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/INFRA2/426183/2023 Environment & Climate Change Department Room No. 217, 2<sup>nd</sup> Floor, Mantralaya, Mumbai- 400032.

To M/s.Bharat Realty Venture Pvt. Ltd., Plot no.11 CTS no 1/28, survey no.41(PT), opp. J. P. Road, Oshiwara village, Andheri, Mumbai.

bject: Environment Clearance for proposed residential cum commercial redevelopment known as "APNA GHAR UNIT NO - 09 CO - OP. HSG.SOCIETY LTD" at plot no.11 CTS no 1/28, survey no.41(PT), opp. J. P. Road, Oshiwara village, Andheri, Mumbai by M/s.Bharat Realty Venture Pvt.

d.

Reference : Application no. SIA/MH/INFRA2/426183/2023

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-2 in its 205<sup>th</sup> meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 262<sup>nd</sup> (Day-1) meeting of State Level Environment Impact Assessment Authority (SEIAA) held on 10<sup>th</sup> July, 2023.

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

Sr. No.	Description	Details		
1	Proposal Number	SIA/MH/INFRA2/426	183/2023	
2	Name of Project	Proposed residential cum commercial redevelopment known as "APNA GHAR UNIT NO – 09 CO – OP. HSG.SOCIETY LTD" at plot no.11 CTS no 1/28, survey no.41(PT), opp. J. P. Road, Oshiwara village, Andheri west, "K/W" ward.		
3	Project category	8 (a) B2		
4	Type of Institution	Private		
5	Project Proponent	Name	M/s. Bharat Realty Venture Private Limited	
		Regd. Office address	1, Bharat Corporation Avenue, Near Versova Police Station, D. N. Nagar, Andheri (W), Mumbai 400053.	
		Contact number	93241 42312	

EC Identification No. - EC23B038MH173030 File No. - SIA/MH/INFRA2/426183/2023 Date of Issue EC - 10/08/2023 Page 2 of 11

			e-	mail	jshah@	bharatreal	lty.in
6	Consultant		E	nviro Policy	Research India Pv	t. Ltd.	
			C	Contact no.:9833825875			
				ick@eprindi	a.com; avick1114	@gmail.c	om
	·		Q	CI-NABET A	Accredited, Certif	icate No –	
			N	ABET/EIA/2	124/IA0076(Vali	dity - 26.0	04.2024)
7	Applied fo	r	N	New			
8	8 Location of the project Proposed residential cum commercial r			ercial rede	evelopment		
	·		H	known as "APNA GHAR UNIT NO – 09 CO – OP. HSG.SOCIETY LTD" at plot no.11 CTS no 1/28, survey no.41(PT), opp. J. P. Road, Oshiwara village, Andheri wes "K/W" ward.			
9	Latitude a	nd Longitude	19	9° 8'27.13"N	72°49'36.66"E		
10	Plot Area	sq.m.)	6,	513.40 Sq. m	l.	14.	
11	Deduction	s (sq.m.)	R	oad setback -	377.08 sq. m.; A	menity-3	06.81 sq. m.
12	Net Plot ar	rea (sq.m.)	5,	829.51 sq. m		W.	
13	Ground co	verage (m <sup>2</sup> ) & %	29	991.80 sq. m.	(51.32%)	ita,	
14	FSI Area (	sq.m.)	33	33,514.19 sq. m.			
15	Non-FSI (	sq.m.)		40,205.83 sq. m.			
16	Proposed built-up area (FSI + Non FSI) (sq.m.)			73,720.02 sq. m.			
17	TBUA (m²) approved by Planning Authority till date			K/W/PVT/0180/20230130/AP/S dated on 31.3.2023			
18		details with Ton area, if any.	otal N	NA			
19	44.00	on completed as C (FSI + Non F	T	A South			
20	Previous EC / Existing Building			Proposed Configuration Reason for Modification			
	Building Name	Configuration	Heigh (m)	Building Name	Configuration	Height (m)	Change
	Fresh Proj	ect	Cı	esidential um ommercial	Basement + Ground + 1st to 6th floors + 7th (Amenity floor) + Service floor + 8th to 29th	105.45	-

EC Identification No. - EC23B038MH173030 File No. - SIA/MH/INFRA2/426183/2023 Date of Issue EC - 10/08/2023 Page 3 of 11

		1	esidential		
			oors		
21	No. of Tenements & Shops	257 no of flats, Commercial shop area: 3911.89 sq. m			
22	Total Population	1,933			
23	Total Water Requirements CMD	234.4 KLD			
24	Under Ground Tank (UGT) location	Basement	Carp.		
25	Source of water	BMC	Andrill Ma The State S		
26	STP Capacity & Technology	230 KLD with M	BBR Technology	/30 g %	
27	STP Location	Basement	in the first the		
28	Sewage Generation CMD & % of sewage discharge in sewer line	196.1 KLD sewage discharge in sewer line: 75.3 KLD (32.1%)			
29	Solid Waste Management	Type	Quantity	Treatment / disposal	
1	during Construction Phase	Dry waste	5kg/day	Recycled Handed over to local vendor	
		Wet waste	3.5 kg/day	Reuse Use as compost for landscape	
		Construction waste	-	Handed over to local vendor	
30	Total Solid Waste Quantities with type during Operation	Туре	Quantity (Kg/d)	Treatment / disposal	
	Phase & Capacity of OWC to be installed	Dry waste	578.6 kg/day	Recycle Handed over to local vendor	
		Wet waste	385.7 kg/day	Reuse Use as compost for landscape	
		E-Waste		Recycle Handed over to local vendor	
	·	STP Sludge (dry)	-	Reuse Use as compost for landscape	

EC Identification No. - EC23B038MH173030 File No. - SIA/MH/INFRA2/426183/2023 Date of Issue EC - 10/08/2023 F

Page 4 of 11

31	R.G. Area in sq. m.	RG required – 466.36 sq. n	n	
		RG provided on Mother ea	rth- 749.95 sq. m. (after	
		deducting area of DG set)		
		RG on Podium – 498.17 sq. m.		
		Total RG proposed- 1,248.12 sq. m.		
		Existing trees on plot: 133	nos.	
		150 Nos.	eriphery plantation) on ground: (out of total no of plantation):80	
		Number of trees to be cut:	57	
		Number of trees to be retain		
		Number of trees to be trans Total nos. of trees after dev	planted:0	
32	Power requirement	During Operation Phase:		
		Details		
		Connected load (kW)	7468 KW	
		Demand load (kW)	1506 KW	
33	Energy Efficiency	a) Total Energy saving (%) b) Solar energy (%): 5%	: 20%	
34	D.G. set capacity	1*500 kVA		
35	No. of 4-W & 2-W Parking with 25% EV	Total 4- Parking Provided: Total 2- wheeler proposed: Electrical Charging Points	129 nos.	
36	No. & capacity of Rain water harvesting tanks /Pits	1* 105 Cum		
37	Project Cost in (Cr.)	396 Cr.		
38	EMP Cost	During Construction Phase: 30.57 lakhs During Operation Phase: and OM Cost: 192.8 lakhs and OM 16.35 Lakhs		
39	CER Details with justification if anyas per MoEF&CC circular dated 01/05/2018	Not applicable (as per MoEF&CC OM F. NO. 22-65/2017-IA.III dt. 30.09.2020)		
40	Details of Court Cases/litigations w.r.t the project and project location, if any.	No		

3. Proposal is a new construction project. Proposal has been considered by SEIAA in its 262<sup>nd</sup> (Day-1) meeting held on 10th July, 2023 and decided to accord Environment Clearance to

EC Identification No. - EC23B038MH173030 File No. - SIA/MH/INFRA2/426183/2023 Date of Issue EC - 10/08/2023 Page 5 of 11

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-

- PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
- PP to obtain following NOCs & remarks: a)Tree NOC; b) MMRCL NOC;
- PP to reduce the discharge of treated sewage to 35%; PP to submit NOC from concern authority for use of excess treated water in nearby Garden reservation/ Construction.
- 4. PP to use advanced technologies like foggers for dust suppression in addition to sprinkling of water in construction phase & include the cost of same in construction phase EMP.
- 5. PP to submit undertaking that they will maintain environment facilities like STP, OWC for 10 years or till formation of society whichever is later.
- PP to submit revised RG area calculation with bifurcation of RG area provided on mother earth as paved & unpaved RG as per prevailing DCR.
- PP to submit revise tree list with total nos. of trees to be planted after the development;
   PP to count nos. of trees planted on ground only for calculation of nos. of trees to be planted as per norms.
- 8. PP to obtain internal sewer remarks within the project site from MCGM.
- 9. PP to relocate plantation proposed adjacent to the open to sky area of the STP.
- PP to provide minimum 25% 2-wheeler parking also equipped with electric charging facility.

### B. SEIAA Conditions-

- 1. PP has provided mandatory RG area of 749.95 m2 on mother earth. Local planning authority to ensure the compliance of the same.
- PP to plant as many tress as cumulative age of trees be cut and trees to be transplanted as per amended Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975
- 3. PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.
- PP to achieve at least 5% of total energy requirement from solar/other renewable sources.
- 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.

EC Identification No. - EC23B038MH173030 File No. - SIA/MH/INFRA2/426183/2023 Date of Issue EC - 10/08/2023

Page 6 of 11

 SEIAA after deliberation decided to grant EC for – FSI- 33,514.19 m2, Non FSI-36,503.26 m2 and total BUA- 70,017.45 m2. (Plan approval No. K/W/PVT/0180/20230130/AP/S dated on 31.3.2023) (Restricted as per approval)

### **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 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

EC Identification No. - EC23B038MH173030 File No. - SIA/MH/INFRA2/426183/2023 Date of Issue EC - 10/08/2023

Page 7 of 11

- diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- XVI. 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.
- XVII. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during 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.
- XVIII. 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.
- XIX. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell /designated person.

### 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 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.

EC Identification No. - EC23B038MH173030 File No. - SIA/MH/INFRA2/426183/2023 Date of Issue EC - 10/08/2023

Page 8 of 11

- 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. 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.
- XIII. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO2, NOx (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.

EC Identification No. - EC23B038MH173030 File No. - SIA/MH/INFRA2/426183/2023 Date of Issue EC - 10/08/2023

Page 9 of 11

- 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 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.
- 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.

EC Identification No. - EC23B038MH173030 File No. - SIA/MH/INFRA2/426183/2023 Date of Issue EC - 10/08/2023 Page 10 of 11

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

Pravin Darade (Member Secretary, SEIAA)

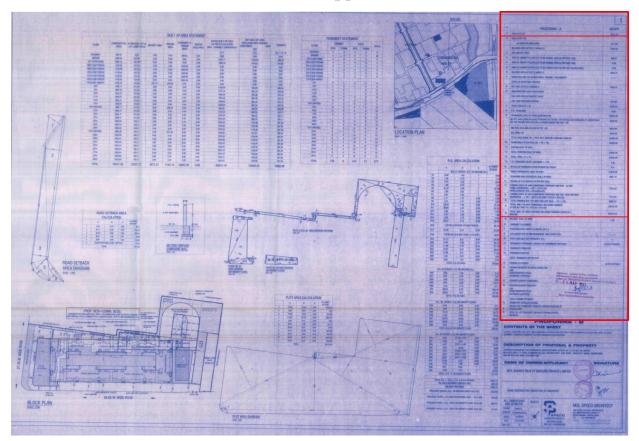
### Copy to:

- 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.

Signature Not Verified
Digitally signed by Shri Pravin C
Darade , I.A.S.
Member Secretary

Date: 8/10/2023 457:34 PM
EC Identification No. - EC23B038MH173030 File No. - SIA/MH/INFRA2/426183/2023 Date of Issue EC - 10/08/2023 Page 11

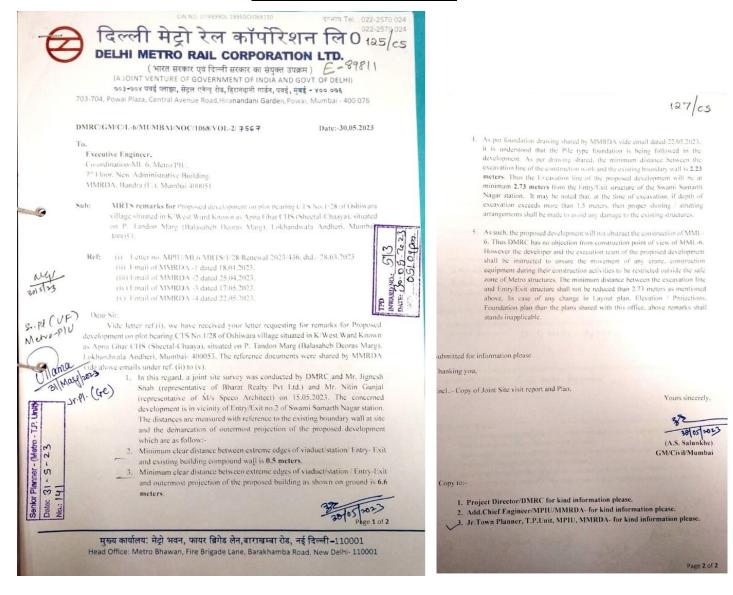
### **Annexure 2: Approved Plan**



### **Annexure 3: Tree NOC**

### 149 BRIHANMUMBAI MUNICIPAL CORPORATION TREE AUTHORITY Supdt. of Gardens 1.Proposal for remarks Approval for granting NOC for C.C./further C.C. 2. Name of proposed Request for grant of permission for cutting/ transplanting of trees Work with site coming in the work of proposed redevelopment of Apna Ghar Unit no. 9, project located at plot no.11, CTS No.1/28, Survey no. location: 41(pt), opp J.P. Road, Oshiwara village Andheri West, Mumbai. 3. Date of completion 06/06/2023 of shortfalls: 4. Date of Inspection: 07/06/2023 5. Observations: I) Total nos. of Trees existing on plot/site: (Tree no. 1 to 133) II) Nos. of Trees coming in proposed work : 53 +04 (Dead)= 57 (Tree no. 5,6,7,8,9,11to14,16 to 29, 31,32,33,36 to 44, 61 to 69.70 (Dead), 71,72,90,91,93 (Dead), 95 (Dead), 125 (Dead), 129,130,131,132,133) : 28 + 04 (Dead)= 32 a) Nos. of Trees proposed to be cut (Tree no. 5,7,9,12,13, 16 to20, 22,24,25,27,28,31,33,40,41,44,61,63,64,65,67,70 (Dead), 72, 93 (Dead), 95 (Dead), 125 (Dead), 129,130) b) Nos. of Trees proposed to be transplant: (Tree no. 6,8,11,14,21,23,26,29,32,36,37,38,39,42,43,62,66,68,69,71,90,91,131,132,133) c) Nos. of Trees proposed to be retained (Tree no. 1,2,3,4,10,15,30,34,35,45 to 60, 73 to 89,92,94,96 to 124,126,127,128) The site under reference is inspected by H.A. (K/W) along with A.S.G.(K/W) & representative of Architect. It is observed that there are total 133 nos of trees are existing on site, out of which 53 nos. Of trees are coming in proposed work of construction & 04 nos. Of trees are found dead on site, out of which 32 nos. Of trees are proposed to cut and 25 nos. Of trees are proposed to transplant and remaining 76 nos. Of trees are proposed to be retained as it is on site. If approved, proposal will be put up for Hon. M.C's/TA's sanction please. Submitted please. Approval of S.G Supdt. of Gardens & Tree Officer

### **Annexure 4: Metro NOC**



### **Annexure 5: Undertaking for excess treated water**



Date: 11/05/2023

### TO WHOMSOVER IT MAY CONCERN

We, M/s. Bharat Realty Venture Private Limited. have Proposed residential cum commercial redevelopment known as "APNA GHAR UNIT NO - 09 CO - OP. HSG.SOCIETY LTD" at plot no.11 CTS no 1/28, survey no.41(PT), opp. J. P. Road, Oshiwara village, Andheri west, "K/W" ward.

We hereby state that, the excess treated water of about 35 KLD would be used in construction work for our upcoming project located at "Queen's Croft CHSL" on Plot bearing F. P. No. 37B of T.P.S Vile Parle III, St. Xavier's School Road, Vile Parle (West), Mumbai - 400 056, for construction activities.

Kindly take note of the same.

Thanking You

Yours faithfully

M/s. Bharat Realty Venture Private Limited

(Authorised signatory)

Bharat Realty Venture Private Limited (Formerly Bharat Infrastructure and Engineering Private Limited)

CIN: U45200MH1998PTC116452

<sup>♠ 1,</sup> Bharat Corporate Avenue, Near Versova Police Station, D.N. Nagar, Andhert West, Mumbai - 400 053.
• + 91 22 2637 8000 ■ Info@bharatrealtyIn ● www.bharatrealtyIn

### Annexure 6: Undertaking for maintenance of STP and OWC for 10 years



### Annexure 7: Landscape Plan



### **Normal Plantation**

Sr. no	Symbol	Scientific name	Common name	Count of trees
1	*	Monoon longifolium	False Ashoka	10
2	0	Schleichera oleosa	Kusum	10
3	<b>***</b>	Saraca indica	Sita Ashoka	10
4	0	Mangifera indica	Mango	6
5	*	Azadirachta indica	Neem	6
6		Tamarandus indica	chinch	10
7	0	Syzygium cumini	jambhul	10
8	0	Artocarpus heterophyllus	jackfruit	8
9	()	Psidium guajava	Peru	8
10	*	Delonix regia	Gulmohor	10
11	- 49	Peltophorum pterocarpum	Sonmohor	10
12	6	Terminalia katappa	Badam	10
13	***	Bauhinia variegata	kanchan	6
14	***	Nyctanthes arbor-tristis	Parijat	10
15	**	Logerstroemia indica	Tamhan	10
16	•	Mimusops elengi	Bakul	6
17	樂	Bombax ceiba	Red silk tree	10
		Total		150

### Miyawaki Plantation

Sr. no	Symbol	Scientific name	Common name	Count of trees
1	$\divideontimes$	Aegle marmelos	Bel	5
2		Mesua ferrea	Nagpushpi	5
3	200	Moringa oleifera	Shevga	5
4	٥	Mangifera indica	Mango	5
5		Manilkara zapota	Chiku	4
6	100	Saraca indica	Sita ashoka	7
7		Syzygium cumini	Jambhul	6
8	9	Madhuca longifolia	Madhuka	4
9	*	Delonix regia	Gulmohor	5
10	*	Peltophorum pterocarpum Sonmohor		6
11	6	Terminalia katappa	Badam	5
12		Tamarandus indica	Chinch	4
13		Neolamarckia cadamba	Kadamb	3
14	*	Butea monosperma	Palash	5
15		Psidium guajava	Peru	3
16		Artocarpus heterophyllus	jackfruit	3
17		Caesalpinia pulcherrima	Shankasur	5
		Total		80

**Total No of trees proposed: 230 Nos** 

### **Annexure 8: Sewerage remark**

## BRIHANMUMBAI MUNICIPAL COROPRATION (Sewerage Project Department)

Office of the
Dy.Chief Engineer
(Sewerage Project) P. &D.,
2nd Floor, Engineering
Building, Dr.E.Moses
Worli, Mumbai – 400 018.

To, Shri. Mohan G. Manekar (LP No 2097), M/S Bhavesh Sanghavi, 15, Joshi Bhavan, Kasturba Road No.2, Opp. Om Shreeji Darshan Co. Hsg. Soc., Borivali (E), Mumbai – 400066

- Sub: Sewerage remarks for proposed redevelopment of Sale building known as 'Apna Ghar unit No. 9' project located at plot no. 11 CTS No. 1/28, survey No. 41(pt), Opp. J. P. road Oshiwara Village, Andheri (West), Mumbai.
- Ref: 1. Request letter from L.P. No. 2097 Mr. Mohan G. Manekar dtd 24.04.2023
  - 2. Approved IOA K/W/PVT/0180/202301305/AP/S dtd 31.03.22
  - 3. IOA Holder:- M/S. Bharat Realty Ventures Pvt. Ltd.
- 4. Dy.Ch.E/S.P./P&D's approval dated 25.05.2023

Gentleman,

So far as S.P.(P.&D.) Section is concerned; there is No Objection to allow the developer to lay new street connection of 150 mm dia. to connect overflow from STP (treated sewage) B-A i.e. from sewer trap chamber located within plot boundary to existing municipal manhole at 'A' which is situated on municipal road, for the plot under reference as per L-Section attached, subject to the following conditions:-

- That the location of STP for the proposed building shall be get approved from E.E. S.R.A. (W.S.).
- 2. Revised NOC shall be obtained if the plans are amended.
- That the prior to the execution, road opening permission shall be obtained from Asst. Commissioner K/West ward.
- 4. The work shall be strictly carried out as per the L-Section attached herewith and if there is any change in depth and length, revised L-Section shall be obtained from this office.
- 5. This remark is valid for 1 year from the date of issue.
- That the vent shaft shall be provided at sewer strap.

- That the DCC for street connection shall be submitted to this office.
- That the guidelines issued by MCGM time to time regarding trenching permission should be followed scrupulously and work shall be executed on site only after monsoon period
- This sewerage NOC is issued considering the plans and documents submitted by the L.P. If any fraudulent plans or documents are found to be submitted then this NOC shall be treated as cancelled.

Yours faithfully

Acc: Plan

No.Dy. Ch.E/SP/P&D/ 12/ 12/ 12/ Ward.

2 5 MAY 2023 Executive Engineer, (Sewerage Project) P&D,W.S.

M/S. Bharat Realty Ventures Pvt Ltd.

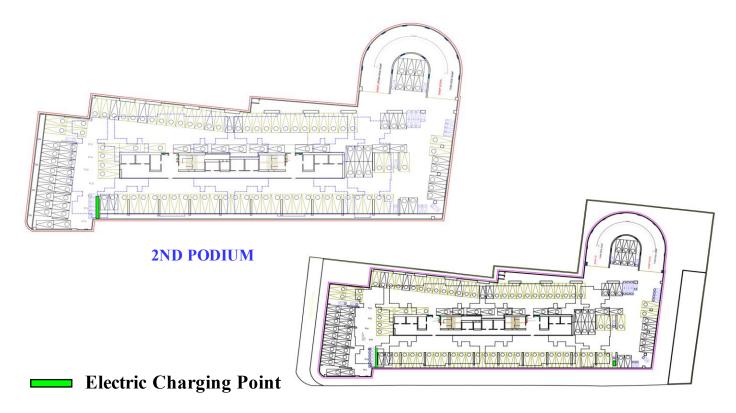
1, Bharat Corporate Avenue,
Near Versova Police Station, D. N. Nagar,
Andheri (W), Mumba- 400053

Forwarded for information and necessary action please.

Executive Engineer, (Sewerage Project) P&D,W.S.

INWARD 7937

# Annexure 9: 2-wheeler parking plan showing EV parking details and Electric Charging points



TYPICAL PODIUM FLOOR PLAN (3RD TO 6TH FLOOR)

PP has proposed 129 Nos of 2-wheeler parking out of which PP is providing Electric charging points of 32 nos. which is shown below.

### **Annexure 10: Energy Saving Calculation**

Demand Load	1506 KW
Total Terrace Area	2265.47 Sq. mt.
No of panels proposed	140
Electricity demand per panel	0.55
Total electricity generated	77 KW
Area Required	770 sq. m.
Energy Savings	5percent

### **Annexure 11: SWM NOC**



# BRIHANMUMBAI MUNICIPAL CORPORATION (SOLID WASTE MANAGEMENT DEPARTMENT)

Ex. Bag./SWM/136 /Z-IV

Dt. 1 1 APR 2025

REVALIDATION

Office of the:-Executive Engineer, SWM Zone-IV, Ashiyana Bldg, 1<sup>st</sup> Floor, Shantilal Modi Road, Opp. Prakash College, Kandiyali (W), Mumbai – 400 067.

To,
M/s. Bharat Realty Venture Private Limited,
502, 5th Floor, Superme Chambers,
17/18 Shah Industrial Estate,
Off Veera Desai Road, Andheri (W), Mum – 53.

Subject:

Approval of Construction and Demolition Waste Management Plan for Sale bldg. in proposed S. R. Scheme on plot bearing C.T.S. No. 1/28 Survey No. 41 plot No. 11 of Opp. J. P. Road, Village — Oshiwara, Taluka Andheri (W), Mumbai — 400053, K/W Ward MCGM.

Reference: 1. Your application received in this office Dt. 11.04.2025.

2. Earlier Permission u/no. Ex.Eng./SWM/422/Z-IV Dt. 10.05.2024

3. SRA C.C. u/no. K-W/PVT/0180/20230130/AP/S Dt. 17.08.2023

4. SRA u/no. K-W/PVT/0180/20230130/AP/S Dt. 22.04.2024

5. Undertaking duly Signed, Stamped & notarized on Rs. 200/- Stamp Paper

6. Transport Agency Name :- M/s. R. Sandhya Transport

7. Earlier Scrutiny Fees paid (NPA - 6513.40 Sq.Mtr, Rs, 84700/- Receipt No.1004611816 Dt. 15.05.2023)

With reference to your application, the Construction and Demolition Waste Management Plan submitted by you has been approved as per "Construction and Demolition Waste Management Rules 2016" and you are allowed to transport Construction & Demolition waste from construction site to the unloading site subject to following terms & conditions.

 This approval is subject to the orders given by Hon. Supreme Court u/no. in SLP (Civil) No. D23708/2017 dated 15.03.2018.

You shall handle & transport Construction & Demolition Waste / Excavation Material to the extent
of 200 Brass X 2.83 = 566 Cu. Mtr. Only to the unloading site at Plot Gat Kramank and Sub
Division No. 38 of Mauje Belwade Khurd, Takula – Pen, District – Raigad.

3. You shall ensure that proper barricading and enclosure are provided at construction site to avoid escape of fugitive dust into the atmosphere, as well as its deposits to spread on street / footpaths / drains etc. as per the conditions of IOD / LOA, etc. issued by the planning authorities. The generated Construction and Demolition Waste shall be stored properly till its utilisation and it should not be deposited on roads or footpath.

4. In the event for any reason whatsoever, the consent given by the disposal site Owner/Authority is revoked or the time limit for the disposal site has expired, in such case, the developer shall stop the transportation activities. The developer shall submit revised debris management plan along with required valid documents for revalidation of existing debris management plan.

[SWM C&D Permission]

### **Annexure 11: SWM NOC**

- 5. The Construction & Demolition Waste shall be transported through your Transport Contractor.
- 6. The deployed vehicles shall abide by all the R.T.O. rules and regulations. You shall ensure that the vehicles should be properly covered with tarpaulin or any other suitable material firmly to avoid any escape/ fall of, waste on road from moving vehicle. The body and wheels shall be cleaned & washed thoroughly to avoid spreading of waste on road.
- 7. The copy of approved Construction and Demolition Waste Management Plan shall be accompanied with each and every vehicle under this approval. The developer shall issue the proper challan for each and every trip of vehicles and that shall be acknowledged by the authority of unloading site. The developer shall maintain record of C & D material transported and shall make it available to MCGM or Monitoring Committee.
- 8. The approval is granted presuming that the papers submitted by the Applicants / Owners are genuine & for any dispute arising out of documents submitted by applicant POA / Occupant / Owner will be held responsible. For fraudulent practices the owner / applicant shall be liable for actions as per rules.
- This approval is not valid for the areas covered with Mangroves &CRZ. Contravention of this clause will attract prosecution under the Environment Protection Act & other relevant Acts.
- The approval granted hereto does not absolve the other approvals required from the other department of M.C.G.M. OR Government Authorities.
- 11. In case of disputes, court matters etc. related to the subject site/land/property, this approval cannot be treated as a valid proof.
- 12. Violation of any condition stated above will attract the action as per the prevailing Construction & Demolition Waste Management Rules, 2016 & MCGM may revoke this approval without assigning any reason thereto.
- 13. This approval is not permission for excavation or permission for dumping but this is the only approval under Construction and Demolition Waste Management Plan for transportation of Construction & Demolition Waste for filling & levelling at designated unloading site. Excavation permission shall be obtained wherever applicable.
- 14. While executing the work guidelines / directives issued under "Air Pollution Mitigation vide i) MGC / F / 1102 Dt. 25.10.2023 ii) CAP-2023 / CR-170 / TC-2 Dt.27.10.2023 & iii) Orders of Hon.High Court under PIL No. 3 of 2023 Dt. 06.11.2023, Shall be followed Scrupulously."
- Any Violation noticed, this permission shall be revoked with immediate effect, which may please be noted.
- 16. This Approval is valid up to 09.03.2026

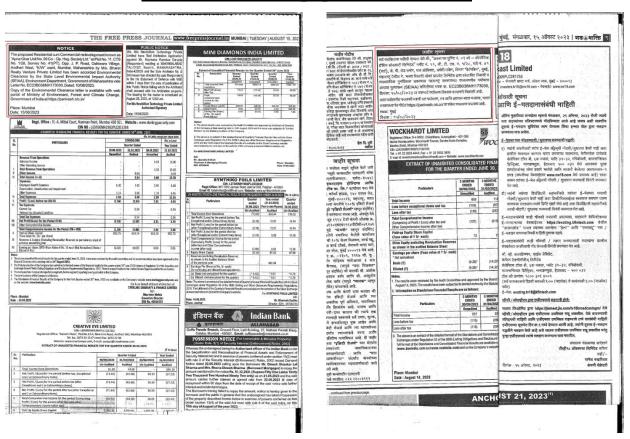
Executive Engineer
(Solid Waste Management)

[SWM C&D Permission]

# Annexure 12: Sanitary and Hygiene measures provided to workers



### **Annexure 13: Newspaper Advertisement**



### 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

Date: 08/11/2023

Infrastructure/RED/L.S.I

No:- Format1.0/CC/UAN No.0000177596/CE/2311000696

To,

M/s. Bharat Realty Venture Private Limited., "Apna Ghar Unit No. 09 Co - Op. Hsg. Society Ltd." at Plot No. 11, CTS No. 1/28, Survey No. 41 (PT), Opp. J. P. Road, Oshiwara Village, "K/W" Ward, Andheri West, Mumbai.



Sub: Consent to Establish for Residential Cum Commercial Construction Project.

Ref:

- 1. Application Submitted by SRO-Mumbai-II
- 2. Minutes of 15th CC meeting dtd-21.09.2023

Your application NO. MPCB-CONSENT-0000177596

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 ofAuthorization 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:

- The Consent to Establish is granted for a period upto commissioning of project or up to 5 year whichever is earlier.
- The capital investment of the project is Rs.396.0 Cr. (As per undertaking submitted by pp).
- 3. The Consent to Establish is valid for Residential Cum Commercial Construction Project named as M/s. Bharat Realty Venture Private Limited., "Apna Ghar Unit No. 09 Co Op. Hsg. Society Ltd." at Plot No. 11, CTS No. 1/28, Survey No. 41 (PT), Opp. J. P. Road, Oshiwara Village, "K/W" Ward, Andheri West, Mumbai on Total Plot Area of 6,513.40 Sq.Mtrs for construction BUA of 70017.45 Sq.Mtrs as per EC granted dated-10.08.2023 including utilities and services

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Environmental Clearance issued dtd-10.08.2023	6513.40	70017.45

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

1	Sr No	Description	Permitted (in CMD)	Standards to	Disposal
	1.	Trade effluent	Nil	NA	NA

M/s. Bharat Realty Venture Private Limited/CE/UAN No.MPCB-CONSENT-0000177596/Indus-Id.214540 (08-11-2023 11:35:46 am) /QMS.PO6\_F01/00

Page 1 of 7

Sr No	Description	Permitted	Standards to	Disposal
1	Domestic effluent	196.1		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 /	Number of	Standards to be
	source	Stack	achieved
S-1	DG Set- 500 KVA	1	As per Schedule -II

Conditions under Solid Waste Rules, 2016:

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Wet Waste	385.7 Kg/Day	OWC	use as manure
2	Dry Waste	578.6 Kg/Day	Segregation	Dry waste will get segregated and handed over to the local authorized vendor.

 Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:

S	r No	Category No.	Quantity	UoM	Treatment	Disposal
			NA			

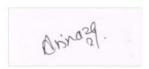
- This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
- PP shall provide STP so as to achieve the treated domestic effluent standard for the parameter BOD-10 mg/lit.
- 11. 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.
- PP shall extend/submit BG to from total sum of Rs. 10 Lakhs towards compliance of EC and consent to establish condition.
- 13. Project Proponent shall provide Organic waste digester with composting facility or biodigestor with composting facility.
- 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 30 % of total available parking area.
- The project proponent shall take adequate measures to control dust emission and noise level during construction phase.

M/s. Bharat Realty Venture Private Limited/CE/UAN No.MPCB-CONSENT-0000177596/Indus-Id.214540 (08-11-2023 11:35:46 am) /QMS.PO6\_F01/00

Page 2 of 7

- The Project Proponent shall comply with the Environmental Clearance obtained dtd-10.08.2023 for construction project having total plot area of 6513.40 Sq.mtrs and total construction BUA of 70017.45 Sq.mtrs as per specific condition of EC.
- 18. PP shall submit an affidavit in Boards prescribed format within 15 days regarding compliance of C to E & Environmental Clearance/CRZ Clearance.







Signed by: Dr.Avinash Dhakne Member Secretary For and on behalf of. Maharashtra Pollution Control Board ms@mpcb.govin 2023-11-08 11:36:18 IST

#### Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	792000.00	MPCB-DR-20604	01/08/2023	RTGS

#### Copy to:

- 1. Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai III
- 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.
- 2. Chief Accounts Officer, MPCB, Sion, Mumbai



M/s. Bharat Realty Venture Private Limited/CE/UAN No.MPCB-CONSENT-0000177596/Indus-Id.214540 (08-11-2023 11:35:46 am) /QMS.PO6 F01/00

Page 3 of 7

#### **SCHEDULE-I**

#### Terms & conditions for compliance of Water Pollution Control:

- A] As per your application, you have proposed to provide MBBR Technology based Sewage Treatment Plants (STPs) of combined capacity 230 CMD for treatment of domestic effluent of 196.1 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	рН	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	234.40
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.

M/s. Bharat Realty Venture Private Limited/CE/UAN No.MPCB-CONSENT-0000177596/Indus-Id.214540 (08-11-2023 11:35:46 am) /QMS.PO6\_F01/00

Page 4 of 7

#### **SCHEDULE-II**

#### Terms & conditions for compliance of Air Pollution Control:

 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
S-1	DG Set-500 KVA	Acoustic Enclosure	5.00	HSD 44 Kg/Hr	1	SO2	21.12 Kg/Day

 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
rotar rarticalar matter	THE TO CACCCA	200 1119/111110

- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacemenalteration 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.

# SCHEDULE-III Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2 O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish	10 Lakhs	within 15 days	Towards compliance of consent condition	upto commissioning of unit or five years	upto commissioning of unit or five years

<sup>\*\*</sup> 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.

M/s. Bharat Realty Venture Private Limited/CE/UAN No.MPCB-CONSENT-0000177596/Indus-Id.214540 (08-11-2023 11:35:46 am) /QMS.PO6\_F01/00

Page 5 of 7

#### **BG Forfeiture History** Amount Amount of Reason of Consent Submission **Purpose** Srno. of BG ВG BG (C2E/C2O/C2R) of BG Period imposed **Forfeiture Forfeiture** NA **BG Return details Amount of BG** Consent (C2E/C2O/C2R) BG imposed Purpose of BG Returned **SCHEDULE-IV** Conditions during construction phase During construction phase, applicant shall provide temporary sewage and

Α	MSW treatment and disposal facility for the staff and worker quarters.
	During construction phase, the ambient air and noise quality shall be
D	maintained and should be slessly manitored through MoEE approved

- **B** maintained and should be closely monitored through MoEF approved laboratory.
- 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.
- 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.

M/s. Bharat Realty Venture Private Limited/CE/UAN No.MPCB-CONSENT-0000177596/Indus-Id.214540 (08-11-2023 11:35:46 am) /QMS.PO6\_F01/00

Page 6 of 7

- c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting 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.
- 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.

M/s. Bharat Realty Venture Private Limited/CE/UAN No.MPCB-CONSENT-0000177596/Indus-Id.214540 (08-11-2023 11:35:46 am) /QMS.PO6\_F01/00

Page 7 of 7



# Maharashtra Pollution Control Board महाराष्ट्र प्रदूषण नियंत्रण मंडळ

#### **FORM V**

(See Rule 14)

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

**Unique Application Number** 

MPCB-ENVIRONMENT\_STATEMENT-0000068982

Submitted Date 04-09-2024

bharatrealty79@hotmail.com

2023-11-08

**PART A** 

**Company Information** 

**Company Name** Application UAN number

M/s. Bharat Realty Venture Private Limited MPCB -Consent-0000177596

"Apna Ghar Unit No. 09 Co-Op. Hsg. Society Ltd." at Plot No.11, CTS No. 1/28, Survey No. 41 (PT), Opp. J. P. Road, Oshiwara Village, "K/W" Ward, Andheri West, Mumbai

Taluka Village Plot No.11, CTS No. 1/28, Survey No. 41 (PT) Andheri Oshiwara Capital Investment (In lakhs) Scale City Mumbai

Pincode Person Name Designation 400068 Mr. Dhaval Barot Director Telephone Number Fax Number Email

9324142312

Region **Industry Category** Industry Type

SRO-Mumbai II O21 Building and construction project Orange

more than 20,000 sq. m built up area Consent Number Consent Issue Date

Last Environmental statement

submitted online

Format1.0/CC/UAN

No.0000177596/CE/2311000696

Establishment Year **Consent Valid Upto** Date of last environment statement

2023 2028-11-07

Industry Category Primary (STC Code) &

Secondary (STC Code)

submitted

**Product Information** 

иом **Product Name** Consent Quantity **Actual Quantity Building Construction** 70017.45 9863.52

**By-product Information** 

By Product Name Consent Quantity **Actual Quantity** иом

### Part-B (Water & Raw Material Consumption)

1) Water Consum						
Water Consumpt Process	ion for	Consent Quant 0.00	tity in m3/day	Actual Quantit 0.00	ty in m3/day	′
Cooling		0.00		0.00		
Domestic All others		234.40		0.00		
		0.00		0.00		
Total		234.40		0.00		
•	ration in CMD / MLD					
<b>Particulars</b> Domestic Effluent		<b>Con</b> 196	isent Quantity i.1	<b>Actual Quant</b> 0	-	D <b>OM</b> CMD
	Process Water Consum er unit of product)	ption (cubic meter of				
Name of Product			During the Previous			UOI
NA			<b>financial Year</b> 0	<b>Financial</b> y 0	year	CME
	Consumption (Consump	ption of raw material				
per unit of produ Name of Raw Ma			uring the Previous	During the cu		иом
NA		fir 0	nancial Year	<b>Financial yea</b> 0	r	Brass/
4) Fuel Consump	tion					
<b>Fuel Name</b> HSD		Consent quantity 44	Actual (	Quantity	UOM Ltr/H	
Part-C						
	ged to environment/un	nit of output (Parameter a	as specified in the cons	ent issued)		
[A] Water Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Polluta discharged(Mg/Lit) Exce PH,Temp,Colour Concentration	ept from pres	with reasons	Standard	Reaso
NA	0	0	NA		NA	NA
[B] Air (Stack) Pollutants Detail	Quantity of	Concentration of Pollut	tants Percentago	e of variation		
	Pollutants discharged (kL/day) Quantity	discharged(Mg/NM3)  Concentration	from preso standards %variation	with reasons	Standard	Reaso
NA	0	0	NA		NA	NA
art-D						
HAZARDOUS WAS	STES					
1) From Process						
•	Type Total During Pi	revious Financial vear	Total During Cu	rrent Financial	year	UON

	aste Type	Total During Previo	us Financial year	Total Du	ring Curren	t Financia	al year	UOM
0		0		0				Ltr/Hr
Part-E								
SOLID WASTE								
1) From Proce		Total During Previo	ous Financial year	Total D	uring Curre	nt Financ	ial voar	иом
BIODEGRADABI		0	ous i manciai year	0	aring curre	ne i mane	iai yeai	Kg
NON-BIODEGRA	ADABLE WASTE	0		0				Kg
2) From Pollui	tion Control Fa	cilities						
	ıs Waste Type		g Previous Financia	al year Tot	al During Cu	ırrent Fin	ancial year	UOM
NA		0		0	-			Kg
	ecycled or Re-u	itilized within the						
unit Waste Type			Total During Pro	evious Financia	al Total Du year	ıring Curı	rent Financial	иом
0			0		0			Kg
Part-F								
indicate dispo	osal practice ad	istics(in terms of co lopted for both thes			ardous as v	vell as so	lid wastes an	d
indicate dispo 1) Hazardous	osal practice ad	lopted for both thes		stes.			lid wastes an	
indicate dispo 1) Hazardous Type of Hazar 0 2) Solid Waste	Waste rdous Waste Ge	enerated Qt	e categories of wa	stes.	<b>Concentra</b> NA	ation of H	lazardous Wa	ste
indicate dispo 1) Hazardous Type of Hazar 0 2) Solid Waste Type of Solid	waste Waste rdous Waste Ge e Waste Generat	enerated Qt	e categories of wa	stes.	<b>Concentra</b> NA	ation of H		ste
1) Hazardous Type of Hazar 0 2) Solid Waste Type of Solid BIODEGRADABL	waste Waste rdous Waste Ge e Waste Generat	enerated Qt 0 ceed Qty of Solid Wa	e categories of wa	stes.	Concentra NA UOM	concent	lazardous Wa	ste
1) Hazardous Type of Hazar 0 2) Solid Waste Type of Solid BIODEGRADABL NON BIODEGRA	Waste rdous Waste Ge  e Waste Generat LE WASTE	enerated Qt 0  ced Qty of Solid Wa	e categories of wa	stes.	Concentra NA UOM Kg	<b>Concent</b> NA	lazardous Wa	ste
indicate dispo 1) Hazardous Type of Hazar 0 2) Solid Waste Type of Solid BIODEGRADABI NON BIODEGRA	waste rdous Waste Ge  Waste General LE WASTE  ADABLE WASTE	enerated Qt 0  ced Qty of Solid Wa	e categories of wa y of Hazardous Wa sste	este UOM Ltr/Hr	Concentra NA UOM Kg Kg	Concent NA	lazardous Wa ration of Solid	ste d Waste
1) Hazardous Type of Hazar 0 2) Solid Waste Type of Solid BIODEGRADABI NON BIODEGRA Part-G Impact of the production.	waste rdous Waste Ge  Waste General LE WASTE ADABLE WASTE	enerated Qt 0  ced Qty of Solid Wa 0 0	on conservation of Raw Material (Kg)	ste UOM Ltr/Hr  f natural resou	Concentra NA UOM Kg Kg	Concent NA NA	lazardous Wa ration of Solid	ste d Waste
indicate disposition of the production.  Description is disposited by the production.	e Waste rdous Waste Ge Waste General LE WASTE ADABLE WASTE  pollution Cont Reduction in Water Consumption	enerated Qt 0  ced Qty of Solid Wa 0 0  rol measures taken  Reduction in Fun & Solvent Consumption	on conservation of Raw Material (Kg)	stes.  Ste UOM  Ltr/Hr  Finatural resou  Reduction in Power Consumption	Concentra NA  UOM  Kg  Kg  Capital	Concent NA NA	ration of Solid	ste d Waste
Indicate disponential disponent	e Waste rdous Waste Ge Waste General LE WASTE ADABLE WASTE  pollution Cont Reduction in Water Consumption (M3/day)	enerated Qt 0  ced Qty of Solid Wa 0 0  rol measures taken  Reduction in Fuc & Solvent Consumption (KL/day)	on conservation of Raw Material (Kg)	stes.  Ste UOM Ltr/Hr  Finatural resou  Reduction in Power Consumption (KWH)	Concentra NA  UOM  Kg  Kg  Capital  Investm  Lacs)	Concent NA NA	ration of Solid	ste d Waste
1) Hazardous Type of Hazar 0 2) Solid Waste Type of Solid BIODEGRADABL NON BIODEGRA Part-G Impact of the production.  Description () () () () () () () () () () () () ()	waste rdous Waste Ge  Waste General LE WASTE ADABLE WASTE  ADABLE WASTE  ADABLE WASTE  Consumption (M3/day)  Consumption (M3/day)	enerated Qt 0  ced Qty of Solid Wa 0 0  rol measures taken  Reduction in Fuc & Solvent Consumption (KL/day)	on conservation of Reduction in Raw Material (Kg)	stes.  Iste UOM Ltr/Hr  Finatural resou  Reduction in Power Consumption (KWH) 0	Concentra NA  UOM  Kg  Kg  rces and con  Capital  Investn  Lacs)	Concent NA NA	ration of Solid	d Waste

ENVIRONMENTAL MONITORING AND MANAGEMENT PLAN

AAQM, SOIL, NOISE WATER

25.4

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection Environmental Protection Measures

Capital Investment (Lacks)

IMPLEMENTATION IN POLLUTION CONTROL FACILITY

AAQM, SOIL, NOISE, WATER, SAFETY EQUIPMENT, GREEN BELT DEVELOPMENT

76.8

#### Part-I

Any other particulars for improving the quality of the environment.

#### Particulars

1. Project has valid consent to establish copy. 2. PP has submitted six monthly compliance reports of stipulated conditions of environmental conditions 3. Good housekeeping practice at construction area. 4. The unit personnel has well trained in firefighting and first AID.

#### Name & Designation

Mr Dhaval Barot (Director)

#### ΠΔΝ Νο

MPCB-ENVIRONMENT\_STATEMENT-0000068982

#### Submitted On:

04-09-2024

# **Annexure 16: Google Location**



# **Annexure 17: Site photographs**



#### Form 59

[See rules 115 (2)]

#### **Pollution Under Control Certificate**

Authorised By:

Government of Maharashtra

Date : 13/12/2024 Time : 11:59:22 AM Validity upto : 12/12/2025



Certificate SL. No. : MH04800140013821

 Registration No.
 :
 MH48CB7368

 Date of Registration
 :
 28/Oct/2022

 Month & Year of Manufacturing
 :
 September-2022

 Valid Mobile Number
 :
 \*\*\*\*\*\*\*2312

Emission Norms : BHARAT STAGE VI

 Fuel
 : DIESEL

 PUC Code
 : MH0480014

GSTIN

Fees : Rs.150.00

MIL observation : No

# Vehicle Photo with Registration plate 60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decima places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
Idling Emissions	Hydrocarbon, (THC/HC)	ppm		
	СО	percentage (%)		
High idling emissions	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	0.7	0.46

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

Note: 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to https://puc.parivahan.gov.in

#### Form 59

[See rules 115 (2)]

#### **Pollution Under Control Certificate**

Authorised By:

Government of Maharashtra

Date : 13/12/2024 Time : 11:18:58 AM Validity upto : 12/12/2025



Certificate SL. No. : MH04800140013820

 Registration No.
 :
 MH48CB7551

 Date of Registration
 :
 04/Nov/2022

 Month & Year of Manufacturing
 :
 September-2022

 Valid Mobile Number
 :
 \*\*\*\*\*\*2312

Emission Norms : BHARAT STAGE VI

 Fuel
 : DIESEL

 PUC Code
 : MH0480014

GSTIN

Fees : Rs.150.00 MIL observation : No

Vehicle Photo with Registration plate 60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idlina Fasiasiana	Carbon Monoxide (CO)	percentage (%)		
Idling Emissions	Hydrocarbon, (THC/HC)	ppm		
	СО	percentage (%)		
High idling emissions	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	0.7	0.63

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

Note: 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to https://puc.parivahan.gov.in

#### Form 59

[See rules 115 (2)]

#### **Pollution Under Control Certificate**

Authorised By:

Government of Maharashtra

Date : 28/12/2024
Time : 14:26:07 PM
Validity upto : 27/12/2025



Certificate SL. No. : MH04800140013934

 Registration No.
 :
 MH48CQ5724

 Date of Registration
 :
 28/Dec/2023

 Month & Year of Manufacturing
 :
 July-2023

 Valid Mobile Number
 :
 \*\*\*\*\*\*2301

Emission Norms : BHARAT STAGE VI

 Fuel
 :
 DIESEL

 PUC Code
 :
 MH0480014

GSTIN

Fees : Rs.150.00 MIL observation : No

Vehicle Photo with Registration plate

60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
Idling Emissions	Hydrocarbon, (THC/HC)	ppm		
	СО	percentage (%)		
High idling emissions	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	0.7	0.55

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

Note: 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to https://puc.parivahan.gov.in

#### Form 59

[See rules 115 (2)]

#### **Pollution Under Control Certificate**

Authorised By:

Government of Maharashtra

Date : 13/12/2024 Time : 11:15:35 AM Validity upto : 12/12/2025



Certificate SL. No. : MH04800140013819

 Registration No.
 :
 MH48CB7550

 Date of Registration
 :
 04/Nov/2022

 Month & Year of Manufacturing
 :
 April-2022

 Valid Mobile Number
 :
 \*\*\*\*\*\*\*2312

Emission Norms : BHARAT STAGE VI

 Fuel
 : DIESEL

 PUC Code
 : MH0480014

GSTIN

Fees : Rs.150.00 MIL observation : No

Vehicle Photo with Registration plate

60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
Idling Emissions	Hydrocarbon, (THC/HC)	ppm		
	СО	percentage (%)		
High idling emissions	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	0.7	0.59

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

Note: 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to https://puc.parivahan.gov.in

#### Form 59

[See rules 115 (2)]

#### **Pollution Under Control Certificate**

Authorised By:

Government of Maharashtra

Date : 28/12/2024 Time : 14:21:05 PM Validity upto : 27/12/2025



Certificate SL. No. : MH04800140013933

 Registration No.
 :
 MH48CQ5723

 Date of Registration
 :
 28/Dec/2023

 Month & Year of Manufacturing
 :
 July-2023

 Valid Mobile Number
 :
 \*\*\*\*\*\*2301

Emission Norms : BHARAT STAGE VI

 Fuel
 :
 DIESEL

 PUC Code
 :
 MH0480014

GSTIN

Fees : Rs.150.00 MIL observation : No

Vehicle Photo with Registration plate 60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
Idling Emissions	Hydrocarbon, (THC/HC)	ppm		
	СО	percentage (%)		
High idling emissions	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	0.7	0.5

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

Note: 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to https://puc.parivahan.gov.in

#### Form 59

[See rules 115 (2)]

**BHARAT STAGE IV** 

#### **Pollution Under Control Certificate**

Authorised By:

**Emission Norms** 

Government of Maharashtra

Date : 06/08/2024
Time : 11:57:35 AM
Validity upto : 05/08/2025



Certificate SL. No. : MH04802050004220

 Registration No.
 :
 MH48AY0072

 Date of Registration
 :
 19/Jun/2017

 Month & Year of Manufacturing
 :
 May-2017

 Valid Mobile Number
 :
 \*\*\*\*\*\*9856

Fuel : DIESEL PUC Code : MH0480205

GSTIN

Fees : Rs.150.0 MIL observation : No

Vehicle Photo with Registration plate

60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decima places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
Idling Emissions	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
High idling emissions	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.6

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

Note: 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to https://vahan.parivahan.gov.in





### 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 "FOOD TEXTILE ENVIRONMENT

### **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(24-25-007)

: Oshiwara, Andheri

**REPORT DATE** : 31/03/2025

**CUSTOMER REF:** Verbal

REF DATE

HUMIDITY

: NA

#### **SAMPLE TYPE:**

SAMPLE REGISTRATION NO.

:AM(24-25-007)

SAMPLING DATE SAMPLING TIME

:25/03/2025 :12:20PM

:26/03/2025

LOCATION SAMPLING PLAN& METHOD NO.: As per Reference Method **SAMPLING DURATION: 8 HRS** 

**SAMPLE COLLECTED BY: SKYLAB** AMBIENT TEMPRATURE: 27°C TO 37°C

AMBIENT AIR QUALITY MONITORING

ANALYSIS START DATE ANALYSIS COMPLETE DATE

:31/03/2025

: 65 % TO 75 %

Sr. No.	Test Parameter	Unit	Result	Limit*	Reference Method
1.	Particulate Matter as PM10	μg/m³	76.2	100	IS:5182, (Part – 23)
2.	Particulate Matter as PM2.5	μg/m³	38.2	60	IS:5182, (Part 24)
3.	Sulphur Dioxide (SO2)	μg/m³	14.2	80	IS:5182, (Part – 2)
4.	Nitrogen Oxide (NOx)	μg/m³	30.2	80	IS: 5182, (Part – 6)
5.	Carbon Monoxide (CO)	mg/m³	0.50	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. For SKYLAB AWALYTICAL LABORATORY

Verified by

Sr. Analyst

Technical Manager **Authorized Signatory** 

#### **END OF REPORT**

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### 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

SAMPLE REGISTRATION NO.

Opp. Dosti Pinnacle, Thane West, 400604,

Oshiwara, Andheri

REPORT NO

: SAL/FM/111/EP/ANM(24-25-008)

REPORT DATE :31/03/2025 **CUSTOMER REF:** Verbal

**REF DATE** 

: NA

SAMPLE TYPE:

AMBIENT NOISE LEVEL MONITORING

SAMPLE COLLECTED BY : SKYLAB SAMPLING TIMING (Day):12:20AM SAMPLING TIMING (Night): 10:30PM

SAMPLING PLAN& METHOD NO .: As per Reference Method SAMPLING DATE

: 25/03/2025

**Location Name** 

: ANM (24-25-008)

Noise Le	vel dB (A)	Reference Method
Day	Night	Reference Method
50.7	42.7	IS 9989

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

Note:

Sr.

No.

1.

	Limits in dB (A)			
Category Area/ Zone	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** 

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#### **TEST REPORT**

NAME & ADDRESS OF CUSTOMER:

M/s. Enviro Policy Research India Pvt. Ltd.

607, Oriana Business Park,

SAMPLE REGISTRATION NO.

Wagle Estate, Wagle Road No 22

Opp. Dosti Pinnacle, Thane West, 400604.

REPORT NO

: SAL/FM/60/EP/SS(24-25-009)

**REPORT DATE** : 31/03/2025

**CUSTOMER REF:** Verbal

REF DATE : NA

SAMPLE TYPE:

SAMPLING DATE

:SS(24-25-009)

SAMPLING PLAN& METHOD NO .: As per Reference Method

:25/03/2025

RECEIPT DATE :26/03/2025 ANALYSIS START DATE

:26/03/2025 .21/02/2025 SOIL ANALYSIS

LOCATION

: Oshiwara, Andheri

SAMPLE SPECIFICATION: Soil

**SAMPLE COLLECTED BY: SKYLAB** SAMPLE QUANTITY

Sr. No.	Test Parameter	Unit	Result	Reference Method
1	Organic Content	%	4.4	IS 2720 (Part 22)
2	Potassium	mg/kg	40	IS 9497
3	Ph of 10% Solution	-	7.20	IS 2720( Part 26)
4	Sodium (as Na)	mg/kg	52	IS 9497
5	Copper (as Cu)	mg/kg	2.9	Testing manual of soil-Ministry of agriculture.  Govt of India: 2011
6	Electric conductivity	μS/cm	60.2	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

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### 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.

: SAL/FM/60/EP/SS(24-25-009) REPORT NO

**REPORT DATE** : 31/03/2025 **CUSTOMER REF:** Verbal

REF DATE : NA

**SAMPLE TYPE:** 

SAMPLE REGISTRATION NO. :SS(24-25-009) SAMPLING PLAN& METHOD NO.: As per Reference Method

LOCATION

: Oshiwara, Andheri

echnical Manager **Authorized Signatory** 

**SAMPLE SPECIFICATION: Soil** 

**SOIL ANALYSIS** 

SAMPLING DATE RECEIPT DATE

:25/03/2025 :26/03/2025

:26/03/2025

SAMPLE COLLECTED BY : SKYLAB SAMPLE QUANTITY

ANALYSIS START DATE

	IS COMPLETE DATE :31/03/20	Unit	Result	Reference Method
ir. No.	Test Parameter		Brown	IS 1498-1970
1	Colour	/400	<1	IS 3025 (Part 31)
2	Total Phosphate	mg/100gm	-	Testing manual of soil-Ministry of agriculture
3	Total Kjeldahl Nitrogen	%	0.39	Govt of India: 2011
		-	Loamy	IS 1498-1970
4	Texture	Mg/100gm	72	IS 3025 (Part 2)
5	Calcium		1.32	IS 2720(Part 28)
6	Bulk Density	gm/cc	48	IS 3025 (Part 2)
7	Magnesium	Mg/100gm		IS 3025 (Part 2)
8	Iron	mg/kg	2902	IS 3025 (Part 32)
9	Chloride(Cl-)	mg/kg	108	
	Lead (as Pb)	mg/kg	<50	Testing manual of soil-Ministry of agriculture. Govt of India: 2011
10	Lead (as Pb)		43	Testing manual of soil-Ministry of agriculture.
	Water Retaining capacity	%	43	Govt of India: 2011
11	water netaring capacity	ma/ka	132	IS 3025 (Part 24)
12	Sulphate	mg/kg	102	FOR SKYLAB ANALYTICAL LABORATORY

Verified by

Sr. Analyst

**END OF REPORT** 

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### **ANNEXURE - A**

### 1. PROJECT DETAILS

Sr. No.	Description	Details				
1	Area Details	P	articulars	Details (m	n <sup>2</sup> )	
		Plot Area (sq. m.)		6,513.40	1	
		FSI Area (sq m.)		33,514.1	9	
		Non-FSI (sq. m.)	Non-FSI (sq. m.) 40,205.83			
		Proposed built-up area (FSI + Non FSI) (sq. m.) 73,720.			2	
2	Building Configuration	Building	Configu	ation	Height (m)	
		Residential cum Basement + Ground + 1st to 6th floors + 7th			105.45	
3	No. of Tenements and Shops	257 no. of Flats, C	Commercial Shop area	: 3911.89 sq.m		
4	Total Population (Nos.)	1,933 nos.				
5	Total Water Requirements (CMD)	234.4 KLD				
6	Sewage Generation (CMD) and % of Sewage discharge in sewer line	196.1 KLD and sewage discharge in sewer line: 75.3 KLD (32.1 %)				
7	STP Capacity and Technology	230 KLD with MBBR Technology				
8	STP Location	Basement				
9	Total Solid Waste Quantities	Dry waste: 578.6 kg/day				
		Wet waste: 385.7 kg/day				
10	RG Area (Sq.m)	RG required 466.36 Sq.m  RG provided on mother earth (after deducting area of DG set)  RG on Podium 498.17 sq. m				
		Total RG provided 1248.12 Sq.m				
11	Power Requirement	During Operation Phase				
		Connected Load (Kw): 7,468 Demand Load (Kw): 1,506				
12	Energy Efficiency	a) Total Energy Saving – 20 percent				
		b) Solar Energy – 5percent				
13	D.G. set capacity	1 * 105 KVA				

# **ANNEXURES**

14	Parking 4W and 2W	4 Wheelers – 623 nos.
		2 Wheelers – 129 nos.
15	Project Cost in (Cr.)	396 Cr
16	EMP Cost	Construction Phase – 30.57 Lakhs Operation Phase – 192.8 Lakhs and OM – 16.35 Lakhs
17	CER Details (with justification, if any)	Not applicable (as per MoEF and CC OM F. NO. 22- 65/201 7- LA.III dt, 30,09,2020)

### ANNEXURE - B

#### **EMP for Construction Phase**

### **EMP FOR AIR ENVIRONMENT**

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

To mitigate the impacts of PM<sub>10</sub> and PM<sub>2.5</sub> 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 cools 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 flatbed 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 and 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 be used as fill, as they are highly susceptible to contamination, and will be send 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:

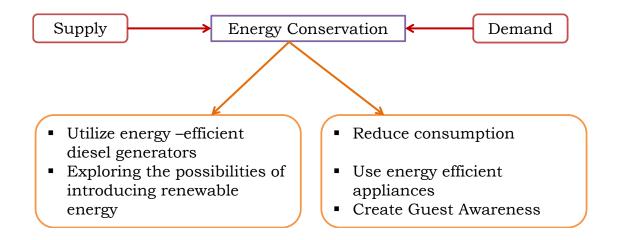
Construction sites are sources of many toxic substances such as paints, solvents wood preservatives, pesticides, adhesives and sealants. Hazardous waste generated during construction phase shall be stored in sealed containers and disposed off as per The Hazardous Wastes (Management, Handling and Tran-boundary 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 and 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 <sub>2</sub> , NO <sub>2</sub> , PM <sub>10</sub> , PM <sub>2.5</sub> , 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 <sub>eq.</sub> levels) during construction phase and every year during operation phase.
4	Potable Water Quality	Municipal Supply	As per IS potable water standards	Half yearly

# **ANNEXURES**

Sr. No.	Туре	Location	Parameters	Period and Frequency
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 Costing During Construction Phase**

No.	Component	Description	Capital Cost in Lakhs Rs
1	Barricading and Dust Suppression	Air Pollution and Erosion Control	9.2
2	PPE for Workers (Gloves, Shoes etc.)	Site Safety and Health Safety	1.2
3	Bio Toilets and Basins	Site sanitation	2.1
4	Health Check –up	Health safety	2.2
5	Air, Water, Soil and noise monitoring	Environmental monitoring	4
6	Portable STP	Treatment of wastewater during construction phase	6
7	DMP	Personal Protective equipment's, fire safety, etc.	5.87
	30.57		

### **EMP Costing During Operation Phase**

Sr. No.	Component	Description	Capital Cost (Rs. in Lakhs)	O/M Cost (Rs. In Lakhs/Annum)
1.	STP	Waste Water Treatment	40.0	4
2.	Rain Water Harvesting	To harvest and recycle rain water	22.5	2.25
3.	Solid Waste Management	To treat biodegradable solid waste by composter	15	1.5(including operators)
4.	Solar System	Solar lightning	25.0	2.5
5.	Landscaping	RG Development	7.0	1.5 (including gardeners)
6.	Low Flow Devices	Plumbing Fixtures	10.0	1.0
7.	DMP	Personal Protective equipment's, fire safety, Flood magnet etc.	73.3	3.6
	Tota	1	192.8	16.35

Till date Rs.10.10 Lakhs has been incurred on site w.r.t Environment Management.

### **EMP Letter**



Date: 07.05.2025

### **Undertaking**

We, M/s. Bharat Realty Venture Private Limited have received EC for Proposed residential cum commercial redevelopment known as "Apna Ghar Unit no-09 co-op. HSG Society Ltd" at plot no 11 CTS no 1/28, survey no.41 (PT), opp. J. P. Road, Oshiwara village, Andheri west, "K/W" ward, Mumbai (EC Identification No: EC23B038MH173030 dated 10<sup>th</sup> August 2023)

We would like to state that till date Rs. 10.10 Lakhs have been incurred on Environment Management Plan.

Thanking you,

Yours faithfully,

M/s. Bharat Realty Venture Private Limited

MUMBAI

**Authorized Signatory** 

**Bharat Realty Venture Private Limited** 

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