

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

SEAC-III- 2015 /C.R. 123 /TC-3

Environment department,

Room No. 217, 2nd floor,

Mantralaya, Annex,

Mumbai- 400 032.

Date: 19 January, 2017.

To,

M/s. Gloria Associates.

at S.No. 47 (47/4A) + (47/4B) + (47/5) +

(47/6) + (47/9) + (47/11) + (47/12) +

(47/16) + (47/4/B) + (47/13) + (47/14/P)

+ (47/19) opp. Ambrosia, Mulshi Road, Bavdhan, Distt. Pune.

Subject: Environment clearance for proposed expansion of residential and commercial project at S.No. 47 (47/4A) + (47/4B) + (47/5) + (47/6) + (47/9) + (47/11) + (47/12) + (47/16) + (47/4/B) + (47/13) + (47/14/P) + (47/19) opp. Ambrosia, Mulshi Road, Bavdhan, Distt. Pune by M/s. Gloria Associates.

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-II, Maharashtra in its 45th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 103rd meetings.

2. It is noted that the proposal is considered by SEAC-III under screening category 8(a) B2 as per EIA Notification 2006.

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

Sr.	Particular	Commitment on	
1.	Name of the project	Paranjape Schemes (Construction) Limited. "Gloria Grand" Proposed Expansion Residential Project at Bavdhan, Pune	
2.	Name, contact number & address of Proponent	Name	Paranjape Schemes (Construction) Ltd.
		Address	PSC House, CTS No 111+111/2, Anand colony, Near Suvanrekha Dining Hall, Near Karnataka High School Lane, Off Prabhat Road, Pune 411004.
		Telephone	020-25462128
		Fax	020-25462128

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EC SEIAA Item No - 35 Meeting No -103rd

		Email ID	sanjayj@pscl.in
3.	Name, contact number & address of Consultant	Name	Mahabal Enviro Engineers Pvt. Ltd. Sachin Gore/Priyanka Shinde/Pradnya Bagul
		Address	F-7, Road No. 21, Wagle Estate, Thane (West)-400604
		Telephone	022 - 25823154
		Mobile	7350212877/9821127972/9594076605
		Email ID	mahabal.thane@gmail.com
4.	Accreditation of consultant (NABET Accreditation)	NABET RA letter dated 30.12.2015 and NABET list Number Rev.38 (A) dated 08.02.2016.	
		QCI NABET List for the construction project / Area development project / Township: EIA Consultant for	
		Sector 1	Mining of minerals including Open cast / Underground mining
		Sector 4	Thermal Power Plants
		Sector 8	Metallurgical industries (ferrous & non-ferrous)-both primary & Secondary
		Sector 9	Cement plant
		Sector 22	Distilleries
		Sector 31	Industrial estates/ parks/ complexes/ Areas, export processing Zones (EPZs), Special economic zones (SEZs), Biotech Parks, Leather Complexes
		Sector 32	Common hazardous waste, Waste treatment, storage and disposal facilities (TSDFs)
		Sector 38	Building and large construction projects including shopping malls, Multiplexes, commercial complexes, housing estates, hospitals, institutions.
		Sector 39	Township and Area Development projects
5.	Type of project: Housing project/ Industrial Estate/ SRA scheme/ MHADA/ Township or others	Residential project	
6.	Location of the project	S. No. 47 (47/4A) + (47/4B) + (47/5) + (47/6) + (47/9) + (47/11) + (47/12) + (47/16) +(47/4/B) + (47/13) + (47/14/P) + (47/19) at Bavdhan, Pune.	

7.	Whether in Corporation/ Municipal / other area	Pune Municipal Corporation (PMC)				
8.	Applicability of DCR	PMC DCR				
9.	IOD/IOA/Concession document or any other form of document as applicable(clarifying its conformity with local planning rules & provision)	We have received the Commencement Certificate no. CC/2366/15 dated 28.10.2015 from Pune Municipal Corporation				
10.	Note on initiated work(if applicable)	We have completed our existing construction as per received the Environment Clearance. Now in proposed project, there is no any construction work is started on site.				
11.	LOI / NOC from MHADA / Other approvals (If applicable)	No.				
12.	Total Plot Area (sq.m.) Deduction Net plot area	Details	Existing as per EC	Proposed	Total	Unit
		Total plot area	28,020	19,161	47,181	m ²
		Deduction of road widening (D P Road 12 & 24 M)	8,891	721	9,612	m ²
		Deduction of Amenity	5,281	0	5,281	m ²
		Nala Garden reservation	851	0	851	m ²
		Net plot area	12,997	18,440	31,437	m ²
13.	Permissible FSI (including TDR etc.)	Details	Permissible FSI	Consumed FSI	Balance FSI Total in m ²	
		As per EC	36,409	35,234	1,175	
		Proposed	19,072	20,247	-(1,175)	
		Total FSI area	55,481	55,481	0	
14.	Proposed Built-up Area (FSI & Non-FSI)	Details	As per EC	Proposed	Total in m ²	
		FSI area	37,463	17,756	55,219	
		Non FSI area	35,507	15,126	50,630	
		Total Construction area	72,970	32,882	1,05,852	
15.	Ground-coverage percentage (%) (Note: Percentage of	2,455 m ² (36%)				

	<i>plot not open to sky)</i>					
16.	Estimated cost of the project	Rs.116.52 Crore				
17.	No. of building & its configuration	Proposed project details				
		Details	No. of floor	Tenements (no.)	Population (no.)	Height in m
		Building B1	2P + 17 floors	100	500	54.99
		Building B2	2P + 17 floors	100	500	54.99
		Building H1 Commercial	P+ 6 floors		321	19.95
		Building H2	P + 6 floors	18	90	19.95
		Total		218	1,411	
18.	Number of tenants and shops	218 Tenements and 1 shop				
19.	Numbers of expected residents/ users	Residential : 1,090 No. Commercial : 321 No. Total : 1,411 No.				
20.	Tenant density per hector (proposed)	815/ha				
21.	Height of the building	Maximum height is 54.99 m				
22.	Right of way (Width of the road from the nearest fire station to the proposed building (s))	60 m wide Road 24 m wide DP Road 12 m wide approach road				
23.	Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m				
24.	Existing structure (s)	Yes. Existing building was completed as per received Environment Clearance dated 24.12.2007 from Govt. of India, MoEF, Delhi.				
25.	Details of the demolition with disposal (if applicable)	No				
26.	Water conservation	Proposed project details Dry season: <ul style="list-style-type: none">• Fresh water (CMD): 108m³/day• Source: PMC• Recycled water (CMD): 69 m³/day• Total water requirement (CMD): 162 m³/day				

		<ul style="list-style-type: none"> Excess Treated Water (CMD): 56 m³/day Swimming pool requirement (Cum): 2 m³/day <p>Wet season:</p> <ul style="list-style-type: none"> Fresh water (CMD): 108m³/day Source: PMC Recycled water (CMD): 65 m³/day Total water requirement (CMD): 162m³/day Swimming pool requirement (Cum): 2 m³/day 															
27.	Details of Swimming pool	<p>Dimension of Swimming Pool: 12 m x 6 m</p> <p>Total water Requirement in kL: 86.4 m³</p> <p>Water requirement for make up in KLD: 2.00 m³/day</p> <p>Details of Plant & Machinery used for treatment of Swimming pool water: Ozonation Technology</p> <p>Details of quality to be achieved for swimming pool water and parameters to be monitored:</p> <table border="1"> <thead> <tr> <th>Parameter</th><th>Unit</th><th>Range</th></tr> </thead> <tbody> <tr> <td>pH</td><td></td><td>7.0-7.8</td></tr> <tr> <td>Total alkalinity</td><td>ppm</td><td>80-150</td></tr> <tr> <td>Calcium Hardness</td><td>ppm</td><td>175-250</td></tr> <tr> <td>Free chlorine</td><td>ppm</td><td>1-1.5</td></tr> </tbody> </table>	Parameter	Unit	Range	pH		7.0-7.8	Total alkalinity	ppm	80-150	Calcium Hardness	ppm	175-250	Free chlorine	ppm	1-1.5
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28.	Rain Water Harvesting (RWH)	<p>Residential</p> <p>Level of the Ground water table: 3 to 4 m below ground level</p> <ul style="list-style-type: none"> No. of recharge pits: 6 no. of recharge pits having size 1 m x 1 m x 1 m depth <p>Commercial: (No)</p> <ul style="list-style-type: none"> Level of the Ground water table: Not applicable Size and no. of RWH tank (s) and Quantity: Not applicable Capacity of RWH tank: Not applicable Location of the RWH tank (s) : Not applicable No of Recharge Pits: Not applicable Budgetary allocation (Capital cost and O & M cost): Capital cost is Rs.1.5 lakh O & M cost is Rs.0.15 lakh/year 															
29.	UGT tanks	<p>Residential & Commercial:</p> <p>Domestic UG tank Capacity: 177 m³/day</p> <p>Flushing UG tank Capacity: 64 m³/day</p> <p>Fire UG tank Capacity: 150 m³</p>															
30.	Storm water drainage	<ul style="list-style-type: none"> Natural water drainage pattern: along the road side. Quantity of storm water: 1.3 m³/sec Size of SWD: 750mm x 650 mm depth 															
31.	Sewage and waste water	<p>Residential & Commercial</p> <ul style="list-style-type: none"> Sewage generation (CMD): 129m³/day STP technology: Moving Bed Bio Rector (MBBR) 															

		<ul style="list-style-type: none"> Capacity of STP: 130 & 23 m³/day Area is 127 m² and 40 m² <p>Budgetary allocation (Capital cost and O & M cost) Capital cost is Rs.34 lakh O & M cost is Rs.10 lakh/year</p>
32.	Solid waste Management	<p>Waste generation in the Pre construction and construction phase</p> <ol style="list-style-type: none"> 1. Waste generation is 15,280 m³ 2. Quantity of the top soil to be preserved: 2,587 m³ 3. Top soil preservation / conservation: Top soil will be preserved and later reused in landscape area. 4. Disposal of the construction way debris: Debris generated will be sent to the authorized debris disposal site as per "Construction and Demolition and De-silting Waste (Management and Disposal) Rules 2006. <p>Waste generation in the Operation Phase</p> <p>Residential & Commercial:</p> <ul style="list-style-type: none"> • Dry quantity: 201 kg/day • Wet quantity: 385 kg/day • Inert quantity: 42kg/day • Total quantity: 609 kg/day • E-Waste (kg/month): Not applicable • Hazardous waste (kg/month): Not Applicable • Biomedical waste (kg/month) (If applicable): Not Applicable • STP Sludge (Dry sludge) (kg/day): 1 kg/day <p>Mode of Disposal of waste:</p> <ul style="list-style-type: none"> • Dry quantity: Dry garbage will be segregated & disposed off to recyclers. • Wet quantity: Wet garbage will be composted and used as organic manure for landscaping • E-Waste: Disposed off to recyclers. • Hazardous waste: Not Applicable • Biomedical waste (If applicable): Not Applicable • STP Sludge (Dry sludge): Dry sludge can be used as manure for plantation & gardening purposes inside the premise. <p>Area requirement:</p> <p>Location (s) and total area provided for the storage and treatment of the solid waste: location is on Ground and area is 40 m² and 13 m²</p> <p>Budgetary allocation (Capital cost and O & M cost) Capital cost is Rs.12 lakh O & M cost is Rs.2 lakh/year</p>
33.	Green Belt Development	<p>Total R.G area:</p> <ul style="list-style-type: none"> • RG area other then green belt: Not applicable

(Please specify for playground, etc.) RG area is 1,120 m ² <ul style="list-style-type: none"> RG area under green belt: On Ground: RG 1: 725 m² Open space as a RG 2: 395 m² Total RG area is 1,120 m² Plantation: Number and list of trees species to be planted in the ground RG 560 no. of trees will be planted in total RG area. List is given below: Existing trees 		
Botanical name	Common name	Total
	Existing	
Acacia auriculiformis	Australian bakul	15
Araciacara cookii	x-mass tree	6
Azardirachta indica	Neem	35
Alstonia scholaris	veatalin	10
Bauhinia variegata	kanchan	40
Cassia fistula	Amaltash	60
Callistiman lanciولات	Bottle brush	15
Casuriana equisetifolia	Suru	10
Delonix regia	Gulmohar	10
Jacaranda mimosifolia	Nilmohor	15
Plumeria alba	Chafa	20
Peltophorum pterocarpum		10
Ravinalla madagascarensis	Travelers palm	20
Taebubea argentea	Taebubea golden	60
Terminailia catappa	Badam	30
Washingtonia filifera	Palm	20
Total		377
<ul style="list-style-type: none"> List is given below: Proposed trees 		
Botanical name	Common name	Total
	Proposed	
<i>Couropita guianensis</i>	Kailasapati	16
<i>Bauhinea purpurea</i>	Kanchan	18
<i>Lagerstoemia floxragme</i>	Taman	14
<i>Azadirachta indica</i>	Neem	08
<i>Manikara hexandra</i>	Chikoo	10
<i>Saraca Asoca</i>	Sita Askoka	04
<i>Anthocephalous</i>	Kadamb	15
<i>Sweitenia mohgani</i>	Mahogani	06
<i>Albizzia lebbek</i>	Shirish	06
Cassia fistula	Bahava / golden shower tree	08
Pterospermum	Muchkund	07
Plumeria	Chafa	17

		<i>Barringtonia Acutangula</i>	Samudra phal	27
		<i>Khaya Grandis</i>	Khaya	27
		Total		183
		<p>Number and list of trees species to be planted in the ground RG: 560 no.</p> <p>Number and list of Shrub & bushes species planted in the podium RG: provided</p> <p>Number and list of trees species to be planted around the border of nalla/ stream / pond (if any): No</p> <p>Number of existing Trees: 377 no.</p> <p>Number, Size, Age and Species of trees to be cut, trees to be transplanted: No</p> <p>Number, Size, Age and Species of trees to be cut, trees to be transplanted: No</p> <p>NOC for the tree cutting / transplantation / compensatory plantation, if any: No</p> <p>Trees to be transplanted: No</p> <ul style="list-style-type: none"> Budgetary allocation (Capital cost and O & M cost) <p>Capital cost is Rs.90 lakh</p> <p>O & M cost is Rs.4 lakh/year</p>		
34.	Energy	<p>Power supply:</p> <ul style="list-style-type: none"> Maximum demand: 665 kW Source: MSEDCL <p>Total DG power consumption for residential buildings: 320 kVA</p> <p>Total DG power consumption for clubhouse and commercial buildings: Not applicable</p> <p>Energy saving measures:</p> <ul style="list-style-type: none"> The following Energy Conservation Methods are proposed in the project: Use of energy efficient, BEE labeled electrical fixtures, solar powered lighting in external common area. Energy efficient Light Emitting Diode (LED) lamps which give approx. 30% more light output for the same watts consumed and therefore require less nos. of fixtures. Solar Electrical Power + LED lighting is complimentary in Residential as in day time, it is used effectively in night time in Common areas like staircase, area lighting. Calculation & % of saving: 9% <p>Number and capacity of the DG sets to be used: DG set: 320 & 100 kVA</p>		

		Stack Height: 3 m																																																																								
		Electricity requirement from MSEDCL: 665 kW																																																																								
		HT line passing through the plot if any: Yes																																																																								
35.	Environmental Management plan Budgetary Allocation	Construction phase (with Break-up) <table><tr><th>Parameter</th><th>Cost (Rs. In Lakh)</th></tr><tr><td>Water For Dust Suppression</td><td>1.0</td></tr><tr><td>Air & Noise monitoring</td><td>2.0</td></tr><tr><td>Soil erosion control</td><td>2.0</td></tr><tr><td>Water monitoring</td><td>1.0</td></tr><tr><td>Site Sanitation</td><td>3.0</td></tr><tr><td>Gardening Set up</td><td>12.0</td></tr><tr><td>Disinfection-Pest Control</td><td>2.0</td></tr><tr><td>First Aid Facilities</td><td>1.0</td></tr><tr><td>Health Check Up</td><td>1.0</td></tr><tr><td>Training and awareness</td><td>1.0</td></tr><tr><td>Personal Protective Equipment's</td><td>2.0</td></tr><tr><td>Modular STP</td><td>7.0</td></tr><tr><td>CFL lamps for labour hutments</td><td>1.0</td></tr><tr><td>Miscellaneous</td><td>3.0</td></tr><tr><td>Total</td><td>39.0</td></tr></table> Operational Phase (with Break-up) <table><tr><th>Sr.</th><th>Parameter</th><th>Cost in Rs. (in Lakhs)</th><th>O & M Cost in Rs. (in Lakhs)</th></tr><tr><td>1</td><td>Sewage Treatment Plant</td><td>34.0</td><td>10.0</td></tr><tr><td>2</td><td>Water Treatment Plant</td><td>4.0</td><td>1.0</td></tr><tr><td>3</td><td>Landscape Development</td><td>90.0</td><td>4.0</td></tr><tr><td>4</td><td>Solid Waste Composting</td><td>12.0</td><td>2.0</td></tr><tr><td>5</td><td>Rain water harvesting</td><td>1.5</td><td>0.15</td></tr><tr><td>6</td><td>Fire Fighting</td><td>14.0</td><td>2.0</td></tr><tr><td>7</td><td>Solar hot lighting</td><td>22.0</td><td>3.0</td></tr><tr><td>8</td><td>Environmental Monitoring</td><td>0.0</td><td>3.0</td></tr><tr><td></td><td>Total</td><td>177.5</td><td>25.15</td></tr></table> <ul style="list-style-type: none">Quantum & generation of Corpus fund & commitment: Not Applicable as facility is operated by us.Responsibility for further O & M: All facilities will be handed over to the society. O & M of this facility will be handled by the society. We have incorporated the same in	Parameter	Cost (Rs. In Lakh)	Water For Dust Suppression	1.0	Air & Noise monitoring	2.0	Soil erosion control	2.0	Water monitoring	1.0	Site Sanitation	3.0	Gardening Set up	12.0	Disinfection-Pest Control	2.0	First Aid Facilities	1.0	Health Check Up	1.0	Training and awareness	1.0	Personal Protective Equipment's	2.0	Modular STP	7.0	CFL lamps for labour hutments	1.0	Miscellaneous	3.0	Total	39.0	Sr.	Parameter	Cost in Rs. (in Lakhs)	O & M Cost in Rs. (in Lakhs)	1	Sewage Treatment Plant	34.0	10.0	2	Water Treatment Plant	4.0	1.0	3	Landscape Development	90.0	4.0	4	Solid Waste Composting	12.0	2.0	5	Rain water harvesting	1.5	0.15	6	Fire Fighting	14.0	2.0	7	Solar hot lighting	22.0	3.0	8	Environmental Monitoring	0.0	3.0		Total	177.5	25.15
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36.	Traffic management	<table><tr><td>Details</td><td>As per DCR (Number)</td><td>Parking provided (m²)</td><td>Parking area (m²)</td><td>Car per MoEF Construction manual</td></tr><tr><td>4 wheelers</td><td>379</td><td>382</td><td>10,680</td><td>25 & 30</td></tr><tr><td>2 wheelers</td><td>663</td><td>663</td><td>2,784</td><td>4.2</td></tr><tr><td>Cycle</td><td>389</td><td>389</td><td>1,633</td><td>4.2</td></tr></table>				Details	As per DCR (Number)	Parking provided (m ²)	Parking area (m ²)	Car per MoEF Construction manual	4 wheelers	379	382	10,680	25 & 30	2 wheelers	663	663	2,784	4.2	Cycle	389	389	1,633	4.2
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37.	CRZ/RRZ clearance obtain, if any	Not applicable																							
38.	Distance from Protected Area/Critically Polluted areas/ Eco-sensitive areas / Inter-State boundaries	Not applicable																							
		Status of the approval	Name of the competent authority		Date of the issued letter																				
39.	CFO NOC for the above said building structure (s)	Applied																							
40.	HRC NOC for the above said building structure (s) (If applicable)	Not Applicable																							
41.	NOC for the above said building structure(s) from the Aviation authority (If applicable)	Not Applicable																							
42.	Consent for the water for the above said detail (s)	Approved	Pune Municipal Corporation		File No.2000 dated 10.11.2015																				
43.	Consent for the drainage for the above said detail (s)	Approved	Pune Municipal Corporation		File No.1908 dated 09.11.2015																				
44.	Consent for the electric supply for the proposed demand	Applied																							
45.	Pre-certification for Green building from Indian Green	No																							

	Building Council and other recognized institutes (If applicable)			
46.	Court Order (If applicable)	Not Applicable		
47.	Other approvals (if any)	Not Applicable		

3. The proposal has been considered by SEIAA in its 103rd meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

General Conditions for Pre- construction phase: -

- (i) This Prior Environment Clearance is restricted for approved BUA of 39714.00 Sq.m.
- (ii) This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any. Judgments/orders issued by Hon'ble High Court, Hon'ble NGT, Hon'ble Supreme Court regarding DCR provisions, environmental issues applicable in this matter should be verified. PP should submit exactly the same plans appraised by concern SEAC and SEIAA. If any discrepancy found in the plans submitted or details provided in the above para may be reported to environment department. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SEIAA) approved the proposed land use.
- (iii) E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
- (iv) 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.
- (v) PP has to abide by the conditions stipulated by SEAC& SEIAA.
- (vi) The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
- (vii) "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.

- (viii) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.

General Conditions for Construction Phase-

- (i) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche and First Aid Room etc.
- (ii) 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.
- (iii) The solid waste generated should be properly collected and segregated, dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
- (iv) Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- (v) Arrangement shall be made that waste water and storm water do not get mixed.
- (vi) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- (vii) Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- (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) 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.
- (x) Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
- (xi) Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.

- (xii) The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- (xiii) The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
- (xiv) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- (xv) 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.
- (xvi) Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
- (xvii) Ready mixed concrete must be used in building construction.
- (xviii) The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipment's etc. as per National Building Code including measures from lighting.
- (xix) Storm water control and its re-use as per CGWB and BIS standards for various applications.
- (xx) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- (xxi) The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- (xxii) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.

- (xxiii) Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- (xxiv) Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
- (xxv) 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.
- (xxvi) Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
- (xxvii) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
- (xxviii) Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.
- (xxix) Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
- (xxx) Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
- (xxxi) 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.
- (xxxii) Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
- (xxxiii) The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.

(xxxiv) 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.

(xxxv) 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.

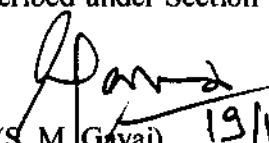
(xxxvi) Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.

General Conditions for Post- construction/operation phase-

- (i) Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.
- (ii) Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
- (iii) Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
- (iv) A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
- (v) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
- (vi) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (vii) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.
- (viii) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://ec.maharashtra.gov.in>.

- (ix) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
 - (x) 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.
 - (xi) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
 - (xii) 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.
 - (xiii) 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.
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. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.
 6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
 7. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
10. Any appeal against this environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


(S. M. Gavai) 19/1
Member Secretary, SEIAA

Copy to:

1. Additional Secretary, MOEF, 'MoEF& CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
2. The MoEF, Regional Office, Nagpur.
3. IA- Division, Monitoring Cell, MoEF& CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
4. Managing Director, MSEDCL, MG Road, Fort, Mumbai
5. Commissioner, Pune Municipal Corporation.
6. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
7. Regional Office, MPCB, Pune.
8. Select file (TC-3)
(EC uploaded on 13/11/17)



MAHABAL PUNE <mahabal.pune@gmail.com>

Gloria_Compliance and Monitoring reports_April 2022 to September 2022

1 message

MAHABAL PUNE <mahabal.pune@gmail.com>
To: EC Compliance Maharashtra <ecompliance-mh@gov.in>

Wed, Nov 30, 2022 at 6:19 PM

Dear Sir/Madam,

As per MoEF Notification dated 26.11.2018 "In the said notification, in paragraph 10, in sub-paragraph (ii) for the words "hard and soft copies" the words "soft copy" shall be substituted."

With reference to the above please find the attached Compliance & Monitoring report for the period of April 2022 to September 2022 of "Gloria" by M/s. Gloria Associates

REGARDSCell +91-20-27612357 mahabal.pune@gmail.com

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Mahabal Enviro Engineers Pvt. Ltd. – Pune Branch

महाबळ, A-2, पहिला मजला, काकडे आंगण, तालेरा हॉस्पिटल समोर, तानाजी नगर, चिंचवडगाव, पुणे-४११०३३.

MAHABAL, A-2, First floor, Kakade Angan, Opp. Talera Hospital, Tanaji Nagar, Chinchwadgaon, Pune - 411033.

Working: 9 am to 6 pm on all other days. Sunday closed.

**Save a tree ...If not necessary, please don't print. Let's protect the environment.****Compliance Report _Gloria_April 2022 to September 2022.pdf**

13869K



MAHABAL PUNE <mahabal.pune@gmail.com>

Gloria_Compliance and Monitoring reports_April 2022 to September 2022

1 message

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GLORIA ASSOCIATES

PSC House, CTS No. 111+112/2, Anand Colony, Off Prabhat Road, , Erandavane, Pune 411 004.

■ Tel. : 91-20-30223344 / 25440986 / 25462128 ■ Fax : 91-20-25460986

■ E-mail - info@pscl.in ■ Visit us - www.paranjapeschemes.com

11th Nov 2022

To,
The Director
Regional Office (West Central Zone),
Ministry of Environment, Forest and Climate Change,
Ground Floor, East wing,
New Secretariat Building,
Civil lines, Nagpur-440001

Subject: Half-yearly Compliance Report: April 2022 to September 2022

Project: Residential and commercial Project "Gloria" at, Mulshi Road, Bavdhan, Pune by Gloria Associates

EC No: F.No. 21-348/2007-IA.III, dated 24th December, 2007 and revalidated on 19th January 2017.

Dear Sir,

We are submitting half-yearly Compliance Report (hard & soft copy) in respect of the stipulated terms and conditions of 'Prior Environmental Clearance' as specified in 'Environment Clearance' Notification Clause No. 10(ii).

Thanking you,
Yours faithfully,
For Gloria Associates



Project Proponent

Enclosure:

1. A hard copy of the compliance and monitoring report
2. A CD containing the same report

CC copy to:

1. Regional officer, Maharashtra Pollution Control Board, Pune(SRO I)
2. Member Secretary, Maharashtra Pollution Control Board, Sion, Mumbai
3. Member Secretary, State Environmental Impact Assessment Authority, Govt. of Maharashtra, Mumbai

Environmental Clearance Compliance Report

April 2022 to September 2022

Gloria Associates
Gloria

at Mulshi Road, Bavdhan, Pune

**(Environmental Clearance F.No. 21-348/2007-IA.III
dated 24th December 2007 and revalidated on 19th
January 2017.)**



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Compliance Status of EC Conditions**(F.No. 21-348/2007-IA.III dated 24.12.2007 and revalidate dated on 19.01.2017)**

No	Condition	Compliance	☑	P
	I -Construction Phase			
(i)	This Prior Environment Clearance is restricted for approved BUA of 39714.00 Sq.m.	Yes, PP agrees to comply with the condition.		
(ii)	This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any. Judgments/orders issued by Hon'ble High Court, Hon'ble NGT, Hon'ble Supreme Court regarding DCR provisions, environmental issues applicable in this matter should be verified. PP should submit exactly the same plans appraised by concern SEAC and SEIAA. If any discrepancy found in the plans submitted or details provided in the above para may be reported to environment department. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SEIAA) approved the proposed land use.	Being complied with the condition. The plans are approved by Pune Municipal Corporation.		
(iii)	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	E-Waste is not generated at site.		
(iv)	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.	Occupancy certificate has been issued for completed building after ensuring connectivity of drinking water and sewer line. The proposed buildings are under construction and will be applied for occupancy certificate after completion of construction work.		
(v)	PP has to abide by the conditions stipulated by SEAC & SEIAA.	Yes, PP is abiding by the conditions of SEAC and SEIAA.		

No	Condition	Compliance	☑	P
(vi)	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	The height, Construction built-up area of the proposed construction is in accordance with the existing FSI/FAR norms of the Pune Municipal Corporation.		
(vii)	"Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	Consent to Establish has been obtained from MPCB vide BO/RO-HQ/1803001520 Dated 31/03/2018.		
(viii)	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Being complied with the condition. All required sanitary and hygienic measures are provided at site before starting construction activity.		v
	General Conditions for Construction Phase-			
(i)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche and First Aid Room etc.	Labour camp with all necessary sanitary facility, drinking water, first aid, fuel for cooking etc. is provided at site.		

No	Condition	Compliance	☑	P
(ii)	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Adequate drinking water and sanitary facilities have been provided at construction site. The waste generated from the labour camps is mostly domestic waste which is collected and segregated at site. The biodegradable waste is treated in vermicomposting pits and inert waste is being disposed of in municipal bins.		
(iii)	The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	The solid waste from project site is being collected, segregated into dry and wet waste. Wet waste is being treated in vermicomposting pits. Dry/inert waste is properly segregated and disposed off to the approved sites.		
(iv)	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	PP agrees to comply with the condition. The construction debris shall be used for back filling and leveling of the plot and remaining will be disposed to authorized sites with approval of competent authority.		

No	Condition	Compliance	☑	P
(v)	Arrangement shall be made that waste water and storm water do not get mixed.	Being complied with for completed buildings. Arrangements will be made to separate waste water and storm water for proposed buildings		
(vi)	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Yes, PP is complying with the condition. The topsoil generated during excavation work is being used for landscape work within project site.		
(vii)	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	The excavated soil is being used for leveling and backfilling work within project area.		
(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.	PP will comply with the condition.		
(ix)	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	The soil and ground water samples are Monitored regularly from MoEF and NABL recognized laboratory. Monitoring reports are attached.	✓	
(x)	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.	Construction spoils do not contain bituminous material. There is no use of any type of Hazardous material at the site.		

No	Condition	Compliance	☑	P
(xi)	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	It is a residential project, so there will be no Hazardous Waste generation at the site.		
(xii)	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	Being complied with condition.		
(xiii)	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	Diesel required for DG set is procured from vendor as per requirement.		
(xiv)	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	Being complied with the condition. Vehicle hired for bringing construction material are checked for PUC and maintenance of vehicle carried out on regular basis.		
(xv)	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.	The Noise Level as well as ambient air quality is Monitored regularly from MoEF and NABL recognized laboratory. Monitoring reports are attached.	✓	
(xvi)	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003.(The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).	Being complied with. PP is using Fly Ash, Fly Ash Bricks and AAC blocks for construction work.		
(xvii)	Ready mixed concrete must be used in building construction.	PP is using ready mixed concrete for construction work.		

No	Condition	Compliance	☑	P
(xviii)	The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of firefighting equipment's etc. as per National Building Code including measures from lighting.	Being complied with the condition.		
(xix)	Storm water control and its re-use as per CGWB and BIS standards for various applications.	PP agrees to comply with the condition. Plans are prepared for storm water control and its re-use as per CGWB and BIS standards.		
(xx)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	PP is taking several measures for water conservation during construction such as use of pre-mixed concrete, slab ponding and use of jute cloth for curing purposes.		
(xxi)	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	The ground water level and quality monitoring are being carried out through MoEF&CC and NABL accredited LAB. Monitoring reports are attached herewith	✓	

No	Condition	Compliance	☑	P
(xxii)	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.	Being complied with the condition for completed building. We will comply with the condition for proposed building.		
(xxiii)	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.	Groundwater is not drawn at site.		
(xxiv)	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	Being complied with. PP has provided sewage treatment plant for 100% treatment of gray and black water from project site. Dual plumbing lines are provided for completed buildings for use of treated wastewater. PP will provide dual plumbing lines for proposed/under construction buildings.		
(xxv)	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.	Being complied with the condition. Fixtures for showers, toilets flushing and drinking are of low flow type.		

No	Condition	Compliance	☑	P
(xxvi)	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	Being complied with for completed buildings. PP will comply with the condition for proposed buildings. Glass will be used for windows only which will be less than 40%.		
(xxvii)	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Being complied with for completed buildings. PP will comply with condition for proposed buildings.		
(xxviii)	Energy conservation measures like installation of CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines / rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.	Being complied with for completed buildings. PP will comply with condition for proposed buildings.		
(xxix)	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	Being complied with condition. Diesel power generating sets are of enclosed type and conform to rules made under the Environment (Protection) Act, 1986		

No	Condition	Compliance	☑	P
(xxx)	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	Noise level monitoring is being conducted through MoEF and NABL Accredited Lab. Reports of noise level monitoring are well within prescribed limits Green belt is developed to limit Noise levels. Noise level monitoring reports are attached herewith.	✓	
(xxxi)	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Entry and Exit gates are provided with security persons to control traffic of construction vehicles. Parking spaces are provided within project site.		
(xxxii)	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal Insulation material to fulfill requirement.	PP will comply with the condition.		
(xxxiii)	The building should have adequate distance between them to allow movement of Fresh air and passage of natural light, air and ventilation.	Adequate distance is maintained between buildings to allow movement of fresh air, natural light and for proper ventilation.		

No	Condition	Compliance	☑	P
(xxxiv)	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.	Being complied with the condition. EHS team is responsible for day-to-day monitoring and EMP implementation at site		
(xxxv)	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.	Being complied with the condition. PP started construction work after obtaining Environment Clearance from SEIAA, Maharashtra vide SEAC-III-2015/C.R.123/TC-3 Dated 19 th January 2017.		
(xxxvi)	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	PP is complying with the condition. Six monthly monitoring reports are attached	✓	
	II. Operation phase			
	The environmental clearance recommended to the project is subject to the specific conditions as follows:			
(i)	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.	PP noted the condition. Occupancy certificate has been received for completed buildings. PP will obtain occupancy certificate for ongoing construction building after completion of construction work.		

No	Condition	Compliance	☑	P
(ii)	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.	PP will comply the condition. Wet waste for completed building is treated in vermicomposting pits. Wet waste of proposed buildings will be treated through OWC Unit.		
(iii)	Local body should ensure that no occupation Certification is issued prior to operation of STP / MSW site etc. with due permission of MPCB.	PP noted the condition. occupancy certificate has been received for completed buildings. PP will obtain occupancy certificate for ongoing construction building after completion of construction work.		
(iv)	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	Being complied with condition.		
(v)	In the case of any change(s) in the scope of the project, the project would require a Fresh appraisal by this Department.	PP agrees to comply with the condition.		
(vi)	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	EHS team is responsible for day-to-day monitoring and EMP implementation at site.		
(vii)	Separate funds shall be allocated for implementation of environmental protection Measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	PP is complying with the condition.		


No	Condition	Compliance	☑	P
(viii)	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in .	Yes, Public notice has been given in two local newspapers.		
(ix)	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 st June & 1 st December of each calendar year.	Yes, PP is complying with the condition. Acknowledgment copy of compliance report for the period of April 2021 to September 2021 is attached.	✓	
(x)	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.	Being complied with condition.		
(xi)	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Being complied with condition.		
(xii)	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.	Yes, PP is complying with the condition. Acknowledgment copy of compliance report for the period of April 2021 to September 2021 is provided.		

No	Condition	Compliance	☑	P
(xiii)	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Being complied with condition.		
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.	PP agrees to comply with the condition.		
5.	In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.	PP agrees to comply with the condition.		
6.	The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	PP agrees to comply with the condition.		
7.	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.	Yes, noted.		
8.	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.	PP agrees to comply with the condition.		

No	Condition	Compliance	☐	P
9.	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	PP agrees to comply with the condition.		
10.	Any appeal against this environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1 st Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted by PP.		


CONDITIONS OF CONSENT TO ESTABLISH**(Consent order No: Format1.0/BO/RO-HQ/1803001520, Date-31/03/2018)**

No	Condition	Compliance	☑	P																									
4.	Conditions under Water (P&CP), 1974 Act for discharge of effluent: <table border="1"> <thead> <tr> <th>Sr. No</th><th>Description</th><th>Permitted quantity of discharge (CMD)</th><th>Standards to be achieved</th><th>Disposal</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Trade effluent</td><td>NIL</td><td>NA</td><td>N.A.</td></tr> <tr> <td>2.</td><td>Domestic effluent</td><td>129</td><td>As per Schedule-I</td><td>60% shall be reused & recycled and remaining shall be discharged in municipal sewer.</td></tr> </tbody> </table>	Sr. No	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal	1.	Trade effluent	NIL	NA	N.A.	2.	Domestic effluent	129	As per Schedule-I	60% shall be reused & recycled and remaining shall be discharged in municipal sewer.	60% of the Treated domestic effluent will be reused for gardening and flushing & the remaining will be discharged in municipal sewer.												
Sr. No	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal																									
1.	Trade effluent	NIL	NA	N.A.																									
2.	Domestic effluent	129	As per Schedule-I	60% shall be reused & recycled and remaining shall be discharged in municipal sewer.																									
5.	Conditions under Air (P & CP) Act, 1981 for air emissions: <table border="1"> <thead> <tr> <th>Sr. No</th><th>Description of stack/source</th><th></th><th>Number of Stack</th><th>Standards to be achieved</th></tr> </thead> <tbody> <tr> <td>1</td><td>DG Set</td><td>320 kva</td><td>1</td><td>As Per Schedule-II</td></tr> <tr> <td>2</td><td>DG Set</td><td>100 kva</td><td>1</td><td>As Per Schedule-II</td></tr> </tbody> </table>	Sr. No	Description of stack/source		Number of Stack	Standards to be achieved	1	DG Set	320 kva	1	As Per Schedule-II	2	DG Set	100 kva	1	As Per Schedule-II	PP has provided DG set at site. Monitoring of the DG set is done regularly.												
Sr. No	Description of stack/source		Number of Stack	Standards to be achieved																									
1	DG Set	320 kva	1	As Per Schedule-II																									
2	DG Set	100 kva	1	As Per Schedule-II																									
6.	Conditions under Municipal Solid Waste (Management and Handling) Rule, 2000: <table border="1"> <thead> <tr> <th>Sr. No</th><th>Type of Waste</th><th>Quantity</th><th>Treatment</th><th>Disposal</th></tr> </thead> <tbody> <tr> <td>1</td><td>Biodegradable</td><td>385 kg/day</td><td>OWC</td><td>Used as Manure</td></tr> <tr> <td>2</td><td>Non-Biodegradable</td><td>201 kg/day</td><td></td><td>Segregate and hand over to local body recycling.</td></tr> <tr> <td>3</td><td>Inert waste</td><td>42 kg/day</td><td></td><td></td></tr> <tr> <td>4</td><td>STP Sludge</td><td>1 kg/day</td><td></td><td>Used as Manure</td></tr> </tbody> </table>	Sr. No	Type of Waste	Quantity	Treatment	Disposal	1	Biodegradable	385 kg/day	OWC	Used as Manure	2	Non-Biodegradable	201 kg/day		Segregate and hand over to local body recycling.	3	Inert waste	42 kg/day			4	STP Sludge	1 kg/day		Used as Manure	<p>The biodegradable waste will be treated in OWC and be used as manure.</p> <p>The STP sludge will be used as Manure.</p> <p>The non-biodegradable waste will be segregated and handed over to the local body or sold to recycle.</p>		
Sr. No	Type of Waste	Quantity	Treatment	Disposal																									
1	Biodegradable	385 kg/day	OWC	Used as Manure																									
2	Non-Biodegradable	201 kg/day		Segregate and hand over to local body recycling.																									
3	Inert waste	42 kg/day																											
4	STP Sludge	1 kg/day		Used as Manure																									
7.	Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste. NIL	No hazardous waste is generated.																											
8.	The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.	PP agrees with the condition.																											
9.	This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.	PP agrees with the condition.																											
10.	PP shall comply the Construction and Demolition waste Management Rules, 2016 which is notified by MoEF. & CC dtd. 29/03/2016	PP has submitted the affidavit in Board's prescribed format.																											


No	Condition	Compliance		P
11.	PP shall submit an affidavit in boards prescribed format within 15 days regarding the compliance of conditions of EC/CRZ clearance and C to E.	Being complied with the condition.		
12.	PP shall comply with the conditions stipulated in EC granted by GoM vide SEAC-III-2015/C.R.123/TC-3 dated 19.01.2017	PP agrees with the condition.		

CONSENT SCHEDULE I
TERMS & CONDITIONS FOR COMPLIANCE OF WATER
POLLUTION CONTROL


No	Condition	Compliance	☑	P															
	<u>Schedule-I</u>																		
	<u>Terms & conditions for compliance of Water Pollution Control:</u>																		
1)	A] As per you're application, you have proposed to install two Sewage Treatment Plants (STPs) based on MBBR technology with the design capacity of 130 CMD & 23 CMD	PP will comply with the condition.																	
	B] The Applicant shall operate the effluent 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. <table><tr><th>Sr. No.</th><th>Parameters</th><th>Standards prescribed by Board</th></tr><tr><td></td><td></td><td>Limiting concentration in mg/l, except for pH</td></tr><tr><td>01</td><td>BOD (3 DAYS 27°C)</td><td>10</td></tr><tr><td>02</td><td>Suspended Solids</td><td>50</td></tr><tr><td>03</td><td>COD</td><td>100</td></tr></table>	Sr. No.	Parameters	Standards prescribed by Board			Limiting concentration in mg/l, except for pH	01	BOD (3 DAYS 27°C)	10	02	Suspended Solids	50	03	COD	100	Yes, PP will achieve effluent water standard as prescribed by the Board.		
Sr. No.	Parameters	Standards prescribed by Board																	
		Limiting concentration in mg/l, except for pH																	
01	BOD (3 DAYS 27°C)	10																	
02	Suspended Solids	50																	
03	COD	100																	
	C] The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, on land for gardening etc and remaining shall be discharged into the municipal sewerage system.	PP is complying with the condition.																	
	D] Project proponent shall operate STP for five years from the date of obtaining occupation certificate. 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 an extension or addition thereto	Being complied with the condition.																	
2)	PP shall install online monitoring system for monitoring of BOD, SS and flow at the outlet of STP.	Not Applicable. This is residential project.																	
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.	PP agrees with the same condition.																	

No	Condition	Compliance		P						
4)	<p>In case, the water consumption of the project is not covered under the water consumption of local body, in that situation, the project proponent shall submit the CESS Returns in the prescribed format given under the provision of Water (prevention & Control of Pollution) Cess Act, 1977 and Rules made there under for various category of water consumption.</p> <p>In case the water consumption is duly assessed under the quantity of water consumption of local body. The project proponent shall submit certificate to that effect from the concern local body with the request not to assess CESS on their water consumption, being already assessed on the water consumption of local body.</p> <table><tr><th>Sr. No.</th><th>Purpose for water consumed</th><th>Water consumption quantity (CMD)</th></tr><tr><td>2.</td><td>Domestic purpose</td><td>108 (fresh) + 69 (recycled)</td></tr></table>	Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)	2.	Domestic purpose	108 (fresh) + 69 (recycled)	PP agrees with the condition.		
Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)								
2.	Domestic purpose	108 (fresh) + 69 (recycled)								

CONSENT SCHEDULE-II
TERMS & CONDITIONS FOR COMPLIANCE OF AIR
POLLUTION CONTROL:

No	Condition	Compliance		P																					
	<u>Schedule-II</u> <u>Terms & conditions for compliance of Air Pollution Control:</u>																								
1.	As per your applications you have proposed to install the Air pollutions control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern- <table border="1"><thead><tr><th>Sr. No.</th><th>Stack Attached to</th><th>APC system</th><th>Height in Mtrs</th><th>Type of Fuel</th><th>Quantity and UOM</th><th>S%</th></tr></thead><tbody><tr><td>1</td><td>DG set (300kVA)</td><td>Acoustic enclosure</td><td>3.6*</td><td>Diesel</td><td>69 liters/hr</td><td>--</td></tr><tr><td>2</td><td>DG set (100kVA)</td><td>Acoustic enclosure</td><td>2.0*</td><td>Diesel</td><td>21 liters/hr</td><td>--</td></tr></tbody></table> <p>* Above roof of the building in which it is installed.</p>	Sr. No.	Stack Attached to	APC system	Height in Mtrs	Type of Fuel	Quantity and UOM	S%	1	DG set (300kVA)	Acoustic enclosure	3.6*	Diesel	69 liters/hr	--	2	DG set (100kVA)	Acoustic enclosure	2.0*	Diesel	21 liters/hr	--	PP has provided DG set with acoustic enclosure.		
Sr. No.	Stack Attached to	APC system	Height in Mtrs	Type of Fuel	Quantity and UOM	S%																			
1	DG set (300kVA)	Acoustic enclosure	3.6*	Diesel	69 liters/hr	--																			
2	DG set (100kVA)	Acoustic enclosure	2.0*	Diesel	21 liters/hr	--																			
2.	The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards. <table border="1"><tr><td>Particulate Matter</td><td>Not to exceed</td><td>150 mg/Nm³</td></tr></table>	Particulate Matter	Not to exceed	150 mg/Nm ³	PP agrees with the condition.																				
Particulate Matter	Not to exceed	150 mg/Nm ³																							
3.	The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment. The Board reserves its rights to vary all or any or 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)	PP agrees with the condition.																							

CONSENT SCHEDULE-III
DETAILS OF BANK GUARANTEES

No	Condition						Compliance		P
	Schedule-III						PP has submitted the bank guarantee to MPCB.		
	Details of Bank Guarantees								
	Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission period	Purpose of BG	Compliance Period			
	1	Consent to Establish	Rs. 10 lakh	15 Days	Towards compliance of consent condition	Up to Commissioning of the project	Five years		

CONSENT SCHEDULE-IV**General Conditions:**

No	Condition	Compliance	☑	P
	<u>The following general conditions shall apply as per the type pf the industry:</u>			
	<u>General Conditions:</u>			
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.	Being complied with the condition for completed buildings. PP will comply with the condition for proposed buildings.		
2)	The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Municipal Solid Waste Management Rule 2016 and E-waste (Management) Rules 2016	PP agrees with the condition.		
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	Being complied with for completed buildings. PP will comply with the condition for proposed buildings.		
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.	PP is ensuring that the vehicles hired for bringing construction material to the site are in good condition and has conformed to applicable air and noise emission standards and are 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.	PP has provided DG set with acoustic enclosure.		


No	Condition	Compliance	☑	P
	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.	PP has provided DG set with acoustic enclosure and will meet all desired standards.		
	c) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m. and night time is reckoned between 10 p.m. to 6 a.m.	PP has provided DG set with acoustic enclosure for completed buildings. PP will ensure that the noise generated is within the prescribed limits.		
	d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.	The day and night ambient noise levels within project area are monitored through MoEF&CC and NABL approved lab. Monitoring reports for October 2021 to March 2022 are provided.		
	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.	PP is looking after the proper routine and preventive maintenance procedure for DG set 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.	PP is operating the DG set 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.	PP has provided DG set of acoustic enclosure. PP will ensure that no nuisance is created in the surrounding area due to operation of D.G. Set.		


No	Condition	Compliance	☑	P
	h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.	PP agrees with the condition.		
6)	Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011	PP will treat the biodegradable waste using OWC and use it as manure. The non-biodegradable waste will be segregated and handed over to local body for recycling.		
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.	PP has submitted the Affidavit to MPCB		
8)	Applicant shall submit official e-mail address and any change will be duly informed to MPCB.	PP agrees with the condition.		
9)	The firm shall submit to this office, the 30 th day of September every year, the environment statement report for the financial year ending 31 st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.	Being complied with.		
10)	The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.	PP has obtained CTO copy from MPCB.	✓	

CONDITION OF CONSENT TO OPERATE

Consent order No: Format1.0/BO/JD (WPC)/UAN-21334/CO/CC-190500835, Date 16/5/2019


10/07/2019

Sr.	Conditions					Compliance		P
3.	Conditions under Water (P&CP 1974 Act for discharge of effluent:							
	Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal	The treated effluent is being used for flushing, gardening etc. Sewage treatment plant with tertiary treatment is Operational at site.		
	1.	Trade effluent	Nil	NA	NA			
	2.	Domestic effluent	142.0	As per Schedule-I	60% shall be reused & recycled and remaining shall be discharged in municipal sewer.			
4.	Conditions under Air (P&CP) Act, 1981 for air emissions:					Being complied with the condition.		
	Sr. No.	Description of stack/source	Number of Stack	Standards to be achieved				
	1.	DG sets (160 X 4 kVA)	1	As per Schedule - II				

Sr.	Conditions					Compliance		P	
5.	Conditions under Solid Waste Management Rules, 2016:					Waste generated during operation phase is properly collected & segregated. Biodegradable waste is vermi composted and used as manure. Non-Biodegradable waste is segregated and disposed of through municipal solid waste collection Vehicles.			
	Sr. No.	Type of Waste	Quantity	UOM	Treatment				Disposal
	1.	Wet garbage	264.0	kg/Day	Organics waste converter with composting facility/biogas digester with composting facility.				Used as manure.
	2.	Dry garbage	360.0	kg/Day					Segregate and hand over to local body for recycling.
	3.	STP sludge	23.0	Kg/Day	STP				Used as manure.
6.	Conditions under hazardous and other wastes (M&TM) rules, 2016 for treatment and disposal of hazardous waste: NIL					Hazardous waste is not generated at site			
7	The Board reserves the right to review, amend, suspend, revoke etc. This consent and the same should be binding on the industry.					PP agrees with the condition			
8	This consent should not be constructed as exemption from obtaining necessary NOC/permission from any other government authorities.					PP agrees with the condition			
9	PP shall comply the construction and demolition waste management rules, 2016 which is notified by ministry on environment forest and climate change dtd. 29/03/2016					PP agrees with the condition			
10	PP shall submit an affidavit in Board’s prescribed format within 15 days regarding the compliance of conditions of EC/CRZ clearance and C to E					PP had submitted the affidavit in the boards prescribed format.			

Sr.	Conditions	Compliance	☐	P
11	PP shall install online monitoring systems for BOD, TSS and flow at the outlet of STP.	PP has submitted the affidavit in the boards prescribed format.		
12	PP shall operate and maintain organic waste digester with composting facility or biogas digester with composting facility.	PP has received expansion in EC on 19 January, 2017		
13.	The applicant should comply with the conditions stipulated in environmental clearance obtained from SEAC environment department, government of Maharashtra, dtd. 19.01.2017 for total plot area 47,181.0 Sqm and construction BUA 1,05,852.0 Sqm.	Noted by PP.		

SCHEDULE - I


Sr.	Conditions		Compliance		P																		
	Terms & conditions for compliance of Water Pollution Control:																						
1)	A] As per your application, you have provided Sewage Treatment Plants (STP) with the design capacity of 275.0 CMD		PP has complied with the condition.																				
	B] The Applicant shall operate the sewage treatment plant system to treat the sewage so as to achieve the following standards/prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent. <table border="1"><tr><td>Sr. No.</td><td>Parameters</td><td>Standards prescribed by board</td></tr><tr><td></td><td></td><td>Limiting Concentration in mg/l, Except for pH</td></tr><tr><td>1</td><td>BOD 3 Days 27 degree C</td><td>10</td></tr><tr><td>2</td><td>Suspended Solids</td><td>50</td></tr><tr><td>3</td><td>COD</td><td>50</td></tr><tr><td>4</td><td>Residual chlorine</td><td>1ppm</td></tr></table>		Sr. No.	Parameters	Standards prescribed by board			Limiting Concentration in mg/l, Except for pH	1	BOD 3 Days 27 degree C	10	2	Suspended Solids	50	3	COD	50	4	Residual chlorine	1ppm	PP is complying with the condition. Monitoring reports are attached.	✓	
Sr. No.	Parameters	Standards prescribed by board																					
		Limiting Concentration in mg/l, Except for pH																					
1	BOD 3 Days 27 degree C	10																					
2	Suspended Solids	50																					
3	COD	50																					
4	Residual chlorine	1ppm																					
	C] The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, on land for gardening etc and remaining shall be discharged in to the municipal sewerage system.		The treated effluent will be reused for flushing, gardening etc																				
	D] PP shall operate STP for five years from the date of obtaining occupation certificate. The Board reserves its rights to review plans, specification or other data relating to plant setup for the treatment of water, works 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 an extension or addition thereof.		PP agrees with the condition.																				
2)	The industry should ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacture so as to ensure the compliance of standards and safety of the operation thereof.		PP agrees with the condition.																				
3)	The applicant shall comply with the provisions of the water (Prevention & Control of pollution) act, 1974 and as amended by installing water meters and other provisions as contained in the said act. <table border="1"><tr><td>Sr. No.</td><td>Purpose for Water consumed</td><td>Water consumption quantity (CMD)</td></tr><tr><td>1</td><td>Domestic purpose</td><td>178.0</td></tr></table>		Sr. No.	Purpose for Water consumed	Water consumption quantity (CMD)	1	Domestic purpose	178.0	PP agrees with the condition.														
Sr. No.	Purpose for Water consumed	Water consumption quantity (CMD)																					
1	Domestic purpose	178.0																					

Sr.	Conditions	Compliance	☐	P
4)	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.	PP agrees with the condition.		

SCHEDULE-II

Sr.	Conditions	Compliance	☑											
	Terms & conditions for compliance of Air Pollution Control:													
1.1.	<div>As per your application, you have erected following stack (s) and to observe the following fuel pattern-</div> <table><tr><th>Sr. No.</th><th>Stack Attached to</th><th>Height in Mtrs (Above roof top)</th><th>Type of Fuel</th><th>Quantity</th></tr><tr><td>1.</td><td>4 DG sets (640 kVA)</td><td>5.06 (each)</td><td>HSD</td><td>166.0 Lit/Hr</td></tr></table> <div>*D.G. Set shall be operate only in case of power failure.</div>	Sr. No.	Stack Attached to	Height in Mtrs (Above roof top)	Type of Fuel	Quantity	1.	4 DG sets (640 kVA)	5.06 (each)	HSD	166.0 Lit/Hr	PP is complying with the condition		
Sr. No.	Stack Attached to	Height in Mtrs (Above roof top)	Type of Fuel	Quantity										
1.	4 DG sets (640 kVA)	5.06 (each)	HSD	166.0 Lit/Hr										
2.2.	<div>The application shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:</div> <table><tr><td>Particulate Matter</td><td>Not to exceed</td><td>150.00 mg/Nm³</td></tr></table>	Particulate Matter	Not to exceed	150.00 mg/Nm ³	PP agrees with the condition.									
Particulate Matter	Not to exceed	150.00 mg/Nm ³												
3.3.	<div>The applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration of replacement/alteration well before its life come to an end or erection of new pollution control equipment.</div> <div>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).</div>	PP agrees with the condition.												

SCHEDULE-III

Sr	Conditions							Compliance		
	Details of Bank Guarantees									
1.	SrNo	Consent (C to E/O/R)	Amount BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date	PP is complying with the condition.		
	1	Consent to Operate	Rs.10 lakh	15 Days	Towards O & M of pollution control system	Continuous	31/03/2020			

SCHEDULE-IV

Sr.	Conditions	Compliance	☐	
	General Conditions: - The Following general condition should apply as per the type of the industry.			
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.	Being complied with the condition.		
2.	The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Solid waste management Rules 2016 and E-Waste (Management) Rules 2016	PP agrees with the condition.		
3.	Drainage system should 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 should be admitted in the pipes/sewers down/sewers downstream of the terminal manholes. No sewage should find its way other than in designed and provided collection system.	Being complied with the condition.		
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.	Yes, PP has complied with the condition.		

Sr.	Conditions	Compliance	☐	
5.	<p>Conditions for D.G. Set.</p> <ul style="list-style-type: none"> 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 in on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average. c) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m. and night time is reckoned between 10 p.m. to 6 a.m. d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures. e) Installation of DG set must be strictly in compliance with recommendations of DG set manufacturer. f) A proper routine and preventive maintenance procedure of 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. g) DG set shall be operated only in case of power failure. h) The applicant should not cause any nuisance in the surrounding area due to operation of DG set. i) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel. 	<p>Yes, PP is complying with the condition. D.G. Set with acoustic enclosure is provided to control of noise.</p>		

Sr.	Conditions	Compliance	☐	
6.	Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rules, 2016 & E-Waste (M) Rules 2016.	Waste generated during operation phase is being properly collected & segregated. Biodegradable waste will be vermi composted and used as manure. Non-Biodegradable waste is being segregated and disposed Through municipal solid waste collection vehicle.		
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.	PP agrees with the condition.		
8.	The treated sewage shall be disinfected using suitable disinfection method.	Being complied with the condition.		
9.	The firm shall submit to this office, the 30 th day of September every year, the environment statement report for the financial year ending 31 st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.	Being complied with the condition.		
10.	The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.	PP agrees with the condition.		

Annexure I

PREVIOUS COMPLIANCE REPORT ACKNOWLEDGMENT
COPY



MAHABAL PUNE <mahabal.pune@gmail.com>

Gloria_Compliance and Monitoring reports_October-2021 to March-2022

1 message

MAHABAL PUNE <mahabal.pune@gmail.com>
To: EC Compliance Maharashtra <ecompliance-mh@gov.in>

Tue, Jun 14, 2022 at 4:33 PM

Dear Sir/Madam,

As per MoEF Notification dated 26.11.2018 "In the said notification, in paragraph 10, in sub-paragraph (ii) for the words "hard and soft copies" the words "soft copy" shall be substituted."

With reference to the above please find the attached Compliance & Monitoring report for the period of October-2021 to March-2022 of "Gloria" by M/s. Gloria Associates

REGARDS**Manali** Cell +91-20-27612357 mahabal.pune@gmail.com

=====

Mahabal Enviro Engineers Pvt. Ltd. – Pune Branch

महाबळ, A-2, पहिला मजला, काकडे आंगण, तालेरा हॉस्पिटल समोर, तानाजी नगर, चिंचवडगाव, पुणे-४११०३३.

MAHABAL, A-2, First floor, Kakade Angan, Opp. Talera Hospital, Tanaji Nagar, Chinchwadgaon, Pune - 411033.

Working: 9 am to 6 pm on all other days. Sunday closed.

**Save a tree ...If not necessary, please don't print. Let's protect the environment.****Compliance Report _Gloria_October 2021 to March 2022.pdf**
6326K

Annexure II

SITE PHOTOGRAPHS

Entrance



Construction on site



Construction Site



STP Work



Site Office



D.G. Set



Labour Camp



Drinking Water and Sanitary facility at site





Safety Net



Annexure III

ENVIRONMENT MONITORING REPORT



Mahabal Enviro Engineers Pvt. Ltd.

Engineer, Consultant, Environmental Monitoring Laboratory & Contractor

Plot Nos. 13,14,17,18, Grampanchayat Bokhara, 8 km from Nagpur City,
Opp. Patel Petrol Pump, Chhindwara Road, Koradi, Dist.Nagpur-441111

Phone : 91-712-2612162, 2612212, Cell:9326279040

Email: mahabal.nagpur@gmail.com, mahabal.laboratory@gmail.com



Test Report

TC-7487

Report No.: ME-NG14389-221004-SA-GLORIA-PUNE		Date: 04.10.2022
Name and Address of Customer	Gloria Associates, S.no.47(4A+4B+5+6+9+11+12+16+4/B+13+14/P+19) Opposite Ambrosia, Mulshi Road, Bavdhan, Dist- Pune.	Order Reference:
		Telephonic Discussion
Sample Description/Type	Noise Level Monitoring	
Date of Sampling	24.09.2022	
Sampling Procedure	IS 9876:1981	

Discipline: Chemical Testing; Product Group: Atmospheric Pollution
(Source Noise Excluding Vibrations)

Sr. No	Location	Unit	Result			Limit as per EPA Rule 1986
			Inside	Outside	Insertion loss	
1	D G Set (125 KVA)	dB(A)	95.9	70.6	25.3	1) For rated capacity more than 1000 KVA, insertion loss of Min. 25dB(A) or meeting the ambient noise standards whichever is on the higher side at different points at 0.5 m from the acoustic enclosure and averaged. 2) For rated capacity up to 1000 KVA, manufactured on or after the 1 st January 2005, the maximum permissible sound pressure level shall be 75 dB(A) at 1 metre from the enclosure surface.
2	D G Set (160 KVA)	dB(A)	92.3	67.2	25.1	
Remark:						

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

Harish Mendhi

TECHNICAL MANAGER



Note:

- The result listed refers only to the tested sample(s) and applicable parameter(s).
- This report is not to be reproduced except in full, without written approval of the laboratory.



Page 1 of 1

QF/SALE/05/Issue No.03,Dt.05.12.2019, Amd.00,Dt.00



Plot No. F-7, Road No. 21, MIDC Wagle Estate, Thane West - 400604, Maharashtra
(Turn Opp Toyota Show Room 600 m from Hotel Rukhmini Palace. Next to Ashida Electrical. Near J B Sawant Bus Stop)
Phone: 2582 0658/3139/1663/3154 Fax:+91-22-25823543 thane@mahabal.com



Mahabal Enviro Engineers Pvt. Ltd.

Engineer, Consultant, Environmental Monitoring Laboratory & Contractor

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Opp. Patel Petrol Pump, Chhindwara Road, Koradi, Dist. Nagpur-441111

Phone : 91-712-2612162, 2612212, Cell:9326279040

Email: mahabal.nagpur@gmail.com, mahabal.laboratory@gmail.com



Test Report

Report No.: ME-NG14386-221004-SA-GLORIA-PUNE		Date: 04.10.2022
Name and Address of Customer	Gloria Associates, S.no. 47(4A+4B+5+6+9+11+12+16+4/B +13+14/P+19) Opposite Ambrosia, Mulshi Road, Bavdhan, Dist- Pune.	Order Reference
		Telephonic Discussion
Sample Description/Type	Ambient Noise Level	
Date of Sampling	24.09.2022	
Sampling Procedure	IS 9876:1981	

Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Ambient Noise)

Sr. No.	Location	Time	Sound Level dB(A) Fast Response	Sound Level dB(A) Slow Response
1	Project Site	08:15	54.1	53.5
		22:00	43.9	43.1
2	Near Main Gate	08:50	53.2	52.6
		22:10	44.3	43.1
3	Near Building D	09:15	54.8	53.2
		22:30	41.6	41.1

THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000

Area Code	Category of Area /Zone	Limit in dB(A) weighted scale	
		Day Time (6:00a.m. to 10:00 p.m.)	Night Time (10:00 p.m. to 6:00 a.m.)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

END

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

Harish Mendhi

Harish Mendhi

TECHNICAL MANAGER



Note:

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Mahabal Enviro Engineers Pvt. Ltd.

Engineer, Consultant, Environmental Monitoring Laboratory & Contractor

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Phone : 91-712-2612162, 2612212, Cell:9326279040

Email: mahabal.nagpur@gmail.com, mahabal.laboratory@gmail.com



Test Report

Report No.: ME-NG14626-221012-SA- GLORI-PUNE			Date: 12.10.2022
Name and Address of Customer	Gloria Associates, S.no. 47(4A+4B+5+6+9+11+12+16+4/B+13+14/P+19) Opposite Ambrosia, Mulshi Road, Bavdhan, Dist- Pune.		Order Reference
			Telephonic Discussion
Sample Description/Type	Ground Water	Sample Collected by	Laboratory
Sampling Location	Surrounding Area	Sample Quantity/Packing	2L X 1 No. PVC Can 500mL X 1 No. PVC Can 250 mL X 1 No. Sterilized Glass Bottle
Date of Sampling	28.09.2022	Date of Receipt of Sample	29.09.2022
Sampling Procedure	IS:3025(Part I):1987 RA 2019; IS 1622:1981 RA 2019; APHA 23 rd Ed. 2017, 1060-B, 1-40; 9060 A, 9-36		
Date of Start of Analysis	29.09.2022	Date of Completion of Analysis	07.10.2022

Sr. No.	Parameter	Unit	Result	Method Reference
Discipline: Chemical Testing; Product Group: Water (Ground Water)				
1	Colour	Hazen	BQL (LOQ:1)	APHA 23 rd Ed. 2017, 2120-B, 2-6
2	Odour	-	Agreeable	IS 3025 (Part 5):1984, Reaffirmed 2018
3	Turbidity	NTU	1.5	APHA 23 rd Ed. 2017, 2130-B, 2-13
4	pH	-	7.8	APHA 23 rd Ed. 2017, 4500-H ⁺ -B, 4-95
5	Total Dissolved Solids	mg/L	560	IS 3025 (Part 16):1984 Reaffirmed 2017, Ed.2.1(1999-12)
6	Total Hardness (as CaCO ₃)	mg/L	378	APHA 23 rd Ed. 2017, 2340-C, 2-48
7	Calcium (as Ca)	mg/L	102	APHA 23 rd Ed. 2017, 3500-Ca-B, 3-69
3	Magnesium (as Mg)	mg/L	30.1	APHA 23 rd Ed. 2017, 3500-Mg- B, 3-86
9	Alkalinity Total (as CaCO ₃)	mg/L	350	IS 3025 (Part 23):1986 RA 2019 Amds 1
10	Chloride (as Cl)	mg/L	52.0	APHA 23 rd Ed. 2017, 4500-Cl-B, 4-75
11	Sulphate (as SO ₄)	mg/L	36.0	APHA 23 rd Ed. 2017, 4500- SO ₄ -E, 4-199



Page 1 of 2

QF/SALE/02/Issue No 03 Dt 05.12.2019,Amd 00 Dt 00



Signature

Plot No. F-7, Road No. 21, MIDC Wagle Estate, Thane West - 400604, Maharashtra
(Turn Opp Toyota Show Room 600 m from Hotel Rukhmini Palace. Next to Ashida Electrical. Near J B Sawant Bus Stop)
Phone: 2582 0658/3139/1663/3154 Fax:+91-22-25823543 thane@mahabal.com

ULR- TC748722000013581F



Mahabal Enviro Engineers Pvt. Ltd.

Engineer, Consultant, Environmental Monitoring Laboratory & Contractor

Continuation Sheet



Report No.14626 Continued...

Sr. No.	Parameter	Unit	Result	Method Reference
12	Nitrate (as NO ₃)	mg/L	31.5	APHA 23 rd Ed. 2017, 4500-NO ₃ , B 4-127
13	Fluoride (as F)	mg/L	0.508	APHA 23 rd Ed. 2017, 4500-F, D, 4-90
14	Cyanide (as CN)	mg/L	BQL (LOQ:0.001)	APHA 23 rd Ed. 2017, 4500-CN, C & E, 4-44 & 4-46
15	Anionic detergents as MBAS	mg/L	BQL (LOQ:0.1)	APHA 23 rd Ed. 2017, 5540-C, 5-55
16	Phenolic compounds (as C ₆ H ₅ OH)	mg/L	BQL (LOQ:0.001)	APHA 23 rd Ed. 2017, 5530- B & C, 5-49, 5-50
Residues in water (Trace metal Element)				
17	Chromium Hexa (as Cr ⁶⁺)	mg/L	BQL (LOQ:0.02)	APHA 23 rd Ed. 2017, 3500- Cr-B, 3-71
18	Mercury (as Hg)	mg/L	BQL (LOQ:0.0005)	APHA 23 rd Ed. 2017, 3112-B, 3-25
19	Iron (as Fe)	mg/L	0.138	IS 3025 (Part 2) 2019
20	Manganese (as Mn)	mg/L	0.087	IS 3025 (Part 2) 2019
21	Cadmium (as Cd)	mg/L	BQL (LOQ:0.0027)	IS 3025 (Part 2) 2019
22	Copper (as Cu)	mg/L	BQL (LOQ:0.01)	IS 3025 (Part 2) 2019
23	Lead (as Pb)	mg/L	BQL (LOQ:0.008)	IS 3025 (Part 2) 2019
24	Zinc (as Zn)	mg/L	0.051	IS 3025 (Part 2) 2019
25	Arsenic (as As)	mg/L	BQL (LOQ:0.007)	IS 3025 (Part 2) 2019
Discipline: Biological Testing; Product Group: Water (Ground Water)				
26	Total Coliforms	MPN/ 100mL	5.1	APHA 23 rd Ed. 2017, 9221-B, 9-69
27	E-Coli	MPN/ 100mL	Absent	APHA 23 rd Ed. 2017, 9221-B E & G, 9-69, 9-77, 9-80
Remarks: BQL: Below Quantification Limit; LOQ: Limit of Quantification.				

END

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

Harish Mendhi
TECHNICAL MANAGER
(Chemical Testing)



Shital N. Lakhorkar
GROUP INCHARGE
(Biological Testing)



Note:

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Phone : 91-712-2612162, 2612212, Cell:9326279040

Email: mahabal.nagpur@gmail.com, mahabal.laboratory@gmail.com



TC-7487

Test Report

Report No.: ME-NG14625-221012-SA- GLORI-PUNE			Date: 12.10.2022
Name and Address of Customer	Gloria Associates, S.no. 47(4A+4B+5+6+9+11+12+16+4/B+13+14/P+19) Opposite Ambrosia, Mulshi Road, Bavdhan, Dist- Pune.		Order Reference
			Telephonic Discussion
Sample Description/Type	Drinking Water	Sample Collected by	Laboratory
Sampling Location	Project Site	Sample Quantity/Packing	2L X 1 No. PVC Can 500mL X 1 No. PVC Can 250 mL X 1 No. Sterilized Glass Bottle
Date of Sampling	28.09.2022	Date of Receipt of Sample	29.09.2022
Sampling Procedure	IS:3025(Part I):1987 RA 2019; IS 1622:1981 RA 2019; APHA 23 rd Ed. 2017, 1060-B, 1-40; 9060 A, 9-36		
Date of Start of Analysis	29.09.2022	Date of Completion of Analysis	07.10.2022

Sr. No.	Parameter	Unit	Result	Method Reference
Discipline: Chemical Testing; Product Group: Water (Drinking Water)				
1	Colour	Hazen	BQL (LOQ:1)	APHA 23 rd Ed. 2017, 2120-B, 2-6
2	Odour	-	Agreeable	IS 3025 (Part 5):1984, Reaffirmed 2018
3	Taste	-	Agreeable	IS 3025 (Part 7 & 8):1984, Reaffirmed 2017
4	Turbidity	NTU	0.4	APHA 23 rd Ed. 2017, 2130-B, 2-13
5	pH	-	7.9	APHA 23 rd Ed. 2017, 4500-H ⁺ -B, 4-95
6	Total Dissolved Solids	mg/L	202	IS 3025 (Part 16):1984 Reaffirmed 2017, Ed.2.1(1999-12)
7	Total Hardness (as CaCO ₃)	mg/L	160	APHA 23 rd Ed. 2017, 2340-C, 2-48
8	Calcium (as Ca)	mg/L	36.1	APHA 23 rd Ed. 2017, 3500-Ca-B, 3-69
9	Magnesium (as Mg)	mg/L	17.0	APHA 23 rd Ed. 2017, 3500-Mg- B, 3-86
10	Alkalinity Total (as CaCO ₃)	mg/L	150	IS 3025 (Part 23):1986 RA 2019 Amds 1
11	Chloride (as Cl)	mg/L	17.0	APHA 23 rd Ed. 2017, 4500-Cl-B, 4-75
12	Sulphate (as SO ₄)	mg/L	8.4	APHA 23 rd Ed. 2017, 4500- SO ₄ -E, 4-199



Page 1 of 2

QF/SALE/02/Issue No 03 Dt 05.12.2019, And 00 Dt 00



Signature

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ULR- TC748722000013580F



Mahabal Enviro Engineers Pvt. Ltd.

Engineer, Consultant, Environmental Monitoring Laboratory & Contractor
Continuation Sheet



Report No.14625 Continued...

Sr. No.	Parameter	Unit	Result	Method Reference
13	Nitrate (as NO ₃)	mg/L	1.33	APHA 23 rd Ed. 2017, 4500-NO ₃ , E 4-131
14	Fluoride (as F)	mg/L	0.304	APHA 23 rd Ed. 2017, 4500-F, D, 4-90
15	Cyanide (as CN)	mg/L	BQL (LOQ:0.001)	APHA 23 rd Ed. 2017, 4500-CN, C & E, 4-44 & 4-46
16	Anionic detergents as MBAS	mg/L	BQL (LOQ:0.1)	APHA 23 rd Ed. 2017, 5540-C, 5-55
17	Phenolic compounds (as C ₆ H ₅ OH)	mg/L	BQL (LOQ:0.001)	APHA 23 rd Ed. 2017, 5530- B & C, 5-49, 5-50
Residues in water (Trace metal Element)				
18	Chromium Hexa (as Cr ⁶⁺)	mg/L	BQL (LOQ:0.02)	APHA 23 rd Ed. 2017, 3500- Cr-B, 3-71
19	Mercury (as Hg)	mg/L	BQL (LOQ:0.0005)	APHA 23 rd Ed. 2017, 3112-B, 3-25
20	Iron (as Fe)	mg/L	0.141	IS 3025 (Part 2) 2019
21	Manganese (as Mn)	mg/L	BQL (LOQ:0.01)	IS 3025 (Part 2) 2019
22	Cadmium (as Cd)	mg/L	BQL (LOQ:0.0027)	IS 3025 (Part 2) 2019
23	Copper (as Cu)	mg/L	BQL (LOQ:0.01)	IS 3025 (Part 2) 2019
24	Lead (as Pb)	mg/L	BQL (LOQ:0.008)	IS 3025 (Part 2) 2019
25	Zinc (as Zn)	mg/L	0.021	IS 3025 (Part 2) 2019
26	Arsenic (as As)	mg/L	BQL (LOQ:0.007)	IS 3025 (Part 2) 2019
Discipline: Biological Testing; Product Group: Water (Drinking Water)				
27	Total Coliforms	P-A/ 100 mL	Absent	IS 15185: 2016
28	E-Coli	P-A/ 100 mL	Absent	IS 15185: 2016

Remarks: BQL: Below Quantification Limit; LOQ: Limit of Quantification.

END

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

Harish Mendhi

TECHNICAL MANAGER
(Chemical Testing)



Shital N. Lakhorkar
GROUP INCHARGE
(Biological Testing)



Note:

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QF/SAL/02/Issue No 03 Dt 05.12.2019, And 00 Dt 00

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Phone: 2582 0658/3139/1663/3154 Fax:+91-22-25823543 thane@mahabal.com



Mahabal Enviro Engineers Pvt. Ltd.

Engineer, Consultant, Environmental Monitoring Laboratory & Contractor

Plot Nos. 13,14,17,18, Grampanchayat Bokhara, 8 km from Nagpur City,
Opp. Patel Petrol Pump, Chhindwara Road, Koradi, Dist.Nagpur-441111

Phone : 91-712-2612162, 2612212, Cell:9326279040

Email: mahabal.nagpur@gmail.com, mahabal.laboratory@gmail.com



TC-7487

Test Report

Report No.: ME-NG14628-221012-SA- GLORI-PUNE			Date: 12.10.2022
Name and Address of Customer	Gloria Associates, S.no. 47(4A+4B+5+6+9+11+12+16+4 /B+13+14/P+19), Opposite Ambrosia, Mulshi Road, Bavdhan, Dist- Pune.		Order Reference
			Telephonic Discussion
Sample Description/Type	Treated Sewage Effluent	Sample Collected by	Laboratory
Sampling Location	STP Outlet	Sample Quantity/Packing	2 L X 1 No. PVC Can 1 L X 1 No. Glass Bottle 100 mL X 1 No. PVC Can
Date of Sampling	28.09.2022	Date of Receipt of Sample	29.09.2022
Sampling Procedure	IS:3025(Part I):1987 RA 2019; APHA 23 rd Ed. 2017, 1060-B, 1-40		
Date of Start of Analysis	29.09.2022	Date of Completion of Analysis	01.10.2022

Sr. No.	Parameter	Unit	Result	Method Reference
Discipline: Chemical Testing; Product Group: Pollution & Environment(Waste Water Sewage)				
1.	pH	-	7.8	APHA 23 rd Ed. 2017, 4500-H ⁺ -B, 4-95
2.	Total Suspended Solids	mg/L	27	APHA 23 rd Ed. 2017, 2540-D, 2-70
3.	Total Free Chlorine (Residual)	mg/L	BQL (LOQ:0.05)	APHA 23 rd Ed. 2017, 4500-Cl-G, 4-72
4.	Biochemical Oxygen Demand (3 days 27°C)	mg/L	14	IS 3025 (Part 44): 1993, Reaffirmed 2019
5.	Chemical Oxygen Demand	mg/L	44	APHA 23 rd Ed. 2017, 5220-B, 5-18
6.	Oil and Grease	mg/L	BQL (LOQ:1)	IS 3025 (Part 39): 1991, Reaffirmed 2021, Amds.1
Remarks: BQL: Below Quantification Limit; LOQ: Limit of Quantification.				

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

Harish Mendhi

TECHNICAL MANAGER



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Email: mahabal.nagpur@gmail.com, mahabal.laboratory@gmail.com



Test Report

Report No.: ME-NG14384-221004- SA-GLORIA-PUNE		Date: 04.10.2022	
Name and address of Customer	Gloria Associates, S.no. 47(4A+4B+5+6+9+11+12+16+4/ B+13 +14/P+19) Opposite Ambrosia, Mulshi Road, Bavdhan, Dist- Pune.	Order Reference	
		Verbal discussion	
Sample Description/Type	Ambient Air Quality Monitoring	Sample Collected by	Laboratory
Sampling Location	Near Building D	Sample Quantity/Packing	PM ₁₀ :Filter paper: 1 X 1 No. PM _{2.5} :Filter paper:1 X 1 No. SO ₂ :30 mL X 2 No. PVC Bottle NO ₂ :30 mL X 2 No. PVC Bottle CO: Bladder: 2L X 1 No.
Date of Sampling	24.09.2022	Date of Receipt of Sample	26.09.2022
Sampling Procedure	As per Method reference		
Date of Start of Analysis	27.09.2022	Date of Completion of Analysis	30.09.2022

Sr. No.	Parameter	Unit	Result	#NAAQM Standard	Method Reference
Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Ambient Air)					
Location	Near Building D			Duration of Survey	8 hours
1	Sulphur Dioxide (SO ₂)	µg/m ³	7.6	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.1-6
2	Nitrogen Dioxide (NO ₂)	µg/m ³	10.0	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.7-10
3	Particulate Matter (size less than 10µm) or PM ₁₀	µg/m ³	55	100	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.11-14
4	Particulate Matter (size less than 2.5µm) or PM _{2.5}	µg/m ³	20	60	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.15-30
5	Carbon Monoxide (CO)	mg/m ³	0.85	4	CPCB Guidelines for the Measurement of Ambient Air Pollutants Volume-II, 2012-13, Page No. 16-22, (NDIR method)
Remarks: TWA - Time Weighted Average, #- NAAQS specified as: 24 h. TWA in case of SO ₂ , NO ₂ , PM ₁₀ , PM _{2.5} ; 1 h. Standard in case of Carbon Monoxide					

END

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

Harish Mendhi

TECHNICAL MANAGER



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Phone : 91-712-2612162, 2612212, Cell:9326279040

Email: mahabal.nagpur@gmail.com, mahabal.laboratory@gmail.com



Test Report

Report No.: ME-NG14385-221004- SA-GLORIA-PUNE		Date: 04.10.2022	
Name and address of Customer	Gloria Associates, S.no. 47(4A+4B+5+6+9+11+12+16+4/ B+13 +14/P+19) Opposite Ambrosia, Mulshi Road, Bavdhan, Dist- Pune.	Order Reference	
		Verbal discussion	
Sample Description/Type	Ambient Air Quality Monitoring	Sample Collected by	Laboratory
Sampling Location	Project Site	Sample Quantity/Packing	PM ₁₀ :Filter paper: 1 X 1 No. PM _{2.5} :Filter paper:1 X 1 No. SO ₂ :30 mL X 2 No. PVC Bottle NO ₂ :30 mL X 2 No. PVC Bottle CO: Bladder: 2L X 1 No.
Date of Sampling	24.09.2022	Date of Receipt of Sample	26.09.2022
Sampling Procedure	As per Method reference		
Date of Start of Analysis	27.09.2022	Date of Completion of Analysis	30.09.2022

Sr. No.	Parameter	Unit	Result	#NAAQM Standard	Method Reference
Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Ambient Air)					
Location	Project Site			Duration of Survey	8 hours
1	Sulphur Dioxide (SO ₂)	µg/m ³	8.1	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.1-6
2	Nitrogen Dioxide (NO ₂)	µg/m ³	10.9	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.7-10
3	Particulate Matter (size less than 10µm) or PM ₁₀	µg/m ³	56	100	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.11-14
4	Particulate Matter (size less than 2.5µm) or PM _{2.5}	µg/m ³	20	60	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.15-30
5	Carbon Monoxide (CO)	mg/m ³	0.87	4	CPCB Guidelines for the Measurement of Ambient Air Pollutants Volume-II, 2012-13, Page No. 16-22, (NDIR method)
Remarks: TWA - Time Weighted Average, #- NAAQS specified as: 24 h. TWA in case of SO ₂ , NO ₂ , PM ₁₀ , PM _{2.5} ; 1 h. Standard in case of Carbon Monoxide					

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

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Phone : 91-712-2612162, 2612212, Cell:9326279040

Email: mahabal.nagpur@gmail.com, mahabal.laboratory@gmail.com



Test Report

Report No.: ME-NG14383-221004- SA-GLORIA-PUNE		Date: 04.10.2022	
Name and address of Customer	Gloria Associates, S.no. 47(4A+4B+5+6+9+11+12+16+4/ B+13 +14/P+19) Opposite Ambrosia, Mulshi Road, Bavdhan, Dist- Pune.	Order Reference	
		Verbal discussion	
Sample Description/Type	Ambient Air Quality Monitoring	Sample Collected by	Laboratory
Sampling Location	Near Main Gate	Sample Quantity/Packing	PM ₁₀ :Filter paper: 1 X 1 No. PM _{2.5} :Filter paper:1 X 1 No. SO ₂ :30 mL X 2 No. PVC Bottle NO ₂ :30 mL X 2 No. PVC Bottle CO: Bladder: 2L X 1 No.
Date of Sampling	24.09.2022	Date of Receipt of Sample	26.09.2022
Sampling Procedure	As per Method reference		
Date of Start of Analysis	27.09.2022	Date of Completion of Analysis	30.09.2022

Sr. No.	Parameter	Unit	Result	#NAAQM Standard	Method Reference
Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Ambient Air)					
Location	Near Main Gate			Duration of Survey	8 hours
1	Sulphur Dioxide (SO ₂)	µg/m ³	7.0	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.1-6
2	Nitrogen Dioxide (NO ₂)	µg/m ³	8.0	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.7-10
3	Particulate Matter (size less than 10µm) or PM ₁₀	µg/m ³	47	100	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.11-14
4	Particulate Matter (size less than 2.5µm) or PM _{2.5}	µg/m ³	16	60	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.15-30
5	Carbon Monoxide (CO)	mg/m ³	0.81	4	CPCB Guidelines for the Measurement of Ambient Air Pollutants Volume-II, 2012-13, Page No. 16-22, (NDIR method)
Remarks: TWA - Time Weighted Average, #- NAAQS specified as: 24 h. TWA in case of SO ₂ , NO ₂ , PM ₁₀ , PM _{2.5} ; 1 h. Standard in case of Carbon Monoxide					

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

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TECHNICAL MANAGER



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ULR-TC748722000013350F



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Email: mahabal.nagpur@gmail.com, mahabal.laboratory@gmail.com



Test Report

Report No.: ME-NG14627-221012- SA-GLORIA-PUNE	Date: 12.10.2022		
Name and Address of Customer	GLORIA ASSOCIATES, S.no.47(4A+4B+5+6+9+11+12+16+4/B+13+14/P+19) Opposite Ambrosia, Mulshi Road, Bavdhan, Pune.		Order Reference:
			Verbal discussion
Sample Description/Type	Soil	Sample Collected by	Laboratory
Sampling Location	Project Site	Sample Quantity/Packing	1 kg X 1No. Polyethene bag
Date of Sampling	28.09.2022	Date of Receipt of Sample	29.09.2022
Sampling Procedure	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India		
Date of Start of Analysis	03.10.2022	Date of Completion of Analysis	12.10.2022

Sr. No.	Parameter	Unit	Result	Method Reference
Discipline: Chemical Testing; Product Group: Pollution & Environment (Soil)				
1	pH (1:5 Suspension)	-	10.0	FAO 1976, Sec.III,1, Page No. 65
2	Moisture Content	%	13.6	IS 2720 (Part II): 1973, RA 2020, Ed. 3.1
3	Organic Carbon	%	0.225	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India, Sec.4-17, Page No 83.
4	Available Nitrogen (as N)	mg/kg	117	Manual Of Soil Testing, Department of Agriculture, & Cooperation, Ministry of Agriculture, Govt. India, Sec 4-17, Page No. 89
5	Available Phosphate (as P)	mg/kg	10.5	FAO 1976, Sec. III, 12-1, Page No. 157
6	Total Cadmium (as Cd)	mg/kg	BQL (LOQ:2)	USEPA/SW 846 Method 3050B, Rev.2: Dec.1996 and 7000B, Rev.2, Feb 2007
7	Total Chromium (as Cr)	mg/kg	59.3	USEPA/SW 846 Method 3050B, Rev.2: Dec.1996 and 7000B, Rev.2, Feb 2007
8	Total Copper (as Cu)	mg/kg	94.2	USEPA/SW 846 Method 3050B, Rev.2: Dec.1996 and 7000B, Rev.2, Feb 2007
9	Total Lead (as Pb)	mg/kg	8.44	USEPA/SW 846 Method 3050B, Rev.2: Dec.1996 and 7000B, Rev.2, Feb 2007
10	Total Zinc (as Zn)	mg/kg	57.9	USEPA/SW 846 Method 3050B, Rev.2: Dec.1996 and 7000B, Rev.2, Feb 2007
Remarks: All results are on as received basis. BQL: Below Quantification Limit; LOQ: Limit of Quantification				

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

Harish Mendhi

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Phone : 91-712-2612162, 2612212, Cell:9326279040

Email: mahabal.nagpur@gmail.com, mahabal.laboratory@gmail.com

Test Report

Report No.: ME-NG14627N-221012- SA-GLORIA-PUNE			Date: 12.10.2022
Name and Address of Customer	GLORIA ASSOCIATES, S.no.47(4A+4B+5+6+9+11+12+16+4/B+13+14/P+19) Opposite Ambrosia, Mulshi Road, Bavdhan, Pune.		Order Reference
			Verbal discussion
Sample Description/Type	Soil	Sample Collected by	Laboratory
Sampling Location	Project Site	Sample Quantity/Packing	1 kg X 1No. Polyethene bag
Date of Sampling	28.09.2022	Date of Receipt of Sample	29.09.2022
Sampling Procedure	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India		
Date of Start of Analysis	03.10.2022	Date of Completion of Analysis	12.10.2022

Sr. No.	Parameter	Unit	Result	Method Reference
Discipline: Chemical Testing; Product Group: Pollution & Environment (Soil)				
1	Chloride (as Cl)	mg/kg	110	USEPA / SW 846/ 9253
2	Sulphate (as SO ₄)	mg/kg	45.2	IS 2720 (Part XXVII):1977, RA 2001.
3	Oil & Grease	mg/kg	BQL (LOQ:5)	CPCB (HW) manual, Page No. 156
Remarks: All results are on as received basis. BQL: Below Quantification Limit; LOQ: Limit of Quantification				

END

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

Harish Mendhi

TECHNICAL MANAGER



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Annexure IV

ENVIRONMENT CLEARANCE LETTER

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

SEAC-III- 2015 /C.R. 123 /TC-3

Environment department,

Room No. 217, 2nd floor,

Mantralaya, Annex,

Mumbai- 400 032.

Date: 19 January, 2017.

To,

M/s. Gloria Associates.

at S.No. 47 (47/4A) + (47/4B) + (47/5) +

(47/6) + (47/9) + (47/11) + (47/12) +

(47/16) + (47/4/B) + (47/13) + (47/14/P)

+ (47/19) opp. Ambrosia, Mulshi Road, Bavdhan, Distt. Pune.

Subject: Environment clearance for proposed expansion of residential and commercial project at S.No. 47 (47/4A) + (47/4B) + (47/5) + (47/6) + (47/9) + (47/11) + (47/12) + (47/16) + (47/4/B) + (47/13) + (47/14/P) + (47/19) opp. Ambrosia, Mulshi Road, Bavdhan, Distt. Pune by M/s. Gloria Associates.

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-II, Maharashtra in its 45th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 103rd meetings.

2. It is noted that the proposal is considered by SEAC-III under screening category 8(a) B2 as per EIA Notification 2006.

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

Sr.	Particular	Commitment on	
1.	Name of the project	Paranjape Schemes (Construction) Limited. "Gloria Grand" Proposed Expansion Residential Project at Bavdhan, Pune	
2.	Name, contact number & address of Proponent	Name	Paranjape Schemes (Construction) Ltd.
		Address	PSC House, CTS No 111+111/2, Anand colony, Near Suvanrekha Dining Hall, Near Karnataka High School Lane, Off Prabhat Road, Pune 411004.
		Telephone	020-25462128
		Fax	020-25462128

-1-

EC SEIAA Item No - 35 Meeting No -103rd

		Email ID	sanjayj@pscl.in
3.	Name, contact number & address of Consultant	Name	Mahabal Enviro Engineers Pvt. Ltd. Sachin Gore/Priyanka Shinde/Pradnya Bagul
		Address	F-7, Road No. 21, Wagle Estate, Thane (West)-400604
		Telephone	022 - 25823154
		Mobile	7350212877/9821127972/9594076605
		Email ID	mahabal.thane@gmail.com
4.	Accreditation of consultant (NABET Accreditation)	NABET RA letter dated 30.12.2015 and NABET list Number Rev.38 (A) dated 08.02.2016.	
		QCI NABET List for the construction project / Area development project / Township: EIA Consultant for	
		Sector 1	Mining of minerals including Open cast / Underground mining
		Sector 4	Thermal Power Plants
		Sector 8	Metallurgical industries (ferrous & non-ferrous)-both primary & Secondary
		Sector 9	Cement plant
		Sector 22	Distilleries
		Sector 31	Industrial estates/ parks/ complexes/ Areas, export processing Zones (EPZs), Special economic zones (SEZs), Biotech Parks, Leather Complexes
		Sector 32	Common hazardous waste, Waste treatment, storage and disposal facilities (TSDFs)
		Sector 38	Building and large construction projects including shopping malls, Multiplexes, commercial complexes, housing estates, hospitals, institutions.
		Sector 39	Township and Area Development projects
5.	Type of project: Housing project/ Industrial Estate/ SRA scheme/ MHADA/ Township or others	Residential project	
6.	Location of the project	S. No. 47 (47/4A) + (47/4B) + (47/5) + (47/6) + (47/9) + (47/11) + (47/12) + (47/16) +(47/4/B) + (47/13) + (47/14/P) + (47/19) at Bavdhan, Pune.	

7.	Whether in Corporation/ Municipal / other area	Pune Municipal Corporation (PMC)				
8.	Applicability of DCR	PMC DCR				
9.	IOD/IOA/Concession document or any other form of document as applicable(clarifying its conformity with local planning rules & provision)	We have received the Commencement Certificate no. CC/2366/15 dated 28.10.2015 from Pune Municipal Corporation				
10.	Note on initiated work(if applicable)	We have completed our existing construction as per received the Environment Clearance. Now in proposed project, there is no any construction work is started on site.				
11.	LOI / NOC from MHADA / Other approvals (If applicable)	No.				
12.	Total Plot Area (sq.m.) Deduction Net plot area	Details	Existing as per EC	Proposed	Total	Unit
		Total plot area	28,020	19,161	47,181	m ²
		Deduction of road widening (D P Road 12 & 24 M)	8,891	721	9,612	m ²
		Deduction of Amenity	5,281	0	5,281	m ²
		Nala Garden reservation	851	0	851	m ²
		Net plot area	12,997	18,440	31,437	m ²
13.	Permissible FSI (including TDR etc.)	Details	Permissible FSI	Consumed FSI	Balance FSI Total in m ²	
		As per EC	36,409	35,234	1,175	
		Proposed	19,072	20,247	-(1,175)	
		Total FSI area	55,481	55,481	0	
14.	Proposed Built-up Area (FSI & Non-FSI)	Details	As per EC	Proposed	Total in m ²	
		FSI area	37,463	17,756	55,219	
		Non FSI area	35,507	15,126	50,630	
		Total Construction area	72,970	32,882	1,05,852	
15.	Ground-coverage percentage (%) (Note: Percentage of	2,455 m ² (36%)				

	<i>plot not open to sky)</i>					
16.	Estimated cost of the project	Rs.116.52 Crore				
17.	No. of building & its configuration	Proposed project details				
		Details	No. of floor	Tenements (no.)	Population (no.)	Height in m
		Building B1	2P + 17 floors	100	500	54.99
		Building B2	2P + 17 floors	100	500	54.99
		Building H1 Commercial	P+ 6 floors		321	19.95
		Building H2	P + 6 floors	18	90	19.95
		Total		218	1,411	
18.	Number of tenants and shops	218 Tenements and 1 shop				
19.	Numbers of expected residents/ users	Residential : 1,090 No. Commercial : 321 No. Total : 1,411 No.				
20.	Tenant density per hector (proposed)	815/ha				
21.	Height of the building	Maximum height is 54.99 m				
22.	Right of way (Width of the road from the nearest fire station to the proposed building (s))	60 m wide Road 24 m wide DP Road 12 m wide approach road				
23.	Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m				
24.	Existing structure (s)	Yes. Existing building was completed as per received Environment Clearance dated 24.12.2007 from Govt. of India, MoEF, Delhi.				
25.	Details of the demolition with disposal (if applicable)	No				
26.	Water conservation	Proposed project details Dry season: <ul style="list-style-type: none">• Fresh water (CMD): 108m³/day• Source: PMC• Recycled water (CMD): 69 m³/day• Total water requirement (CMD): 162 m³/day				

		<ul style="list-style-type: none"> Excess Treated Water (CMD): 56 m³/day Swimming pool requirement (Cum): 2 m³/day <p>Wet season:</p> <ul style="list-style-type: none"> Fresh water (CMD): 108m³/day Source: PMC Recycled water (CMD): 65 m³/day Total water requirement (CMD): 162m³/day Swimming pool requirement (Cum): 2 m³/day 															
27.	Details of Swimming pool	<p>Dimension of Swimming Pool: 12 m x 6 m</p> <p>Total water Requirement in kL: 86.4 m³</p> <p>Water requirement for make up in KLD: 2.00 m³/day</p> <p>Details of Plant & Machinery used for treatment of Swimming pool water: Ozonation Technology</p> <p>Details of quality to be achieved for swimming pool water and parameters to be monitored:</p> <table border="1"> <thead> <tr> <th>Parameter</th><th>Unit</th><th>Range</th></tr> </thead> <tbody> <tr> <td>pH</td><td></td><td>7.0-7.8</td></tr> <tr> <td>Total alkalinity</td><td>ppm</td><td>80-150</td></tr> <tr> <td>Calcium Hardness</td><td>ppm</td><td>175-250</td></tr> <tr> <td>Free chlorine</td><td>ppm</td><td>1-1.5</td></tr> </tbody> </table>	Parameter	Unit	Range	pH		7.0-7.8	Total alkalinity	ppm	80-150	Calcium Hardness	ppm	175-250	Free chlorine	ppm	1-1.5
Parameter	Unit	Range															
pH		7.0-7.8															
Total alkalinity	ppm	80-150															
Calcium Hardness	ppm	175-250															
Free chlorine	ppm	1-1.5															
28.	Rain Water Harvesting (RWH)	<p>Residential</p> <p>Level of the Ground water table: 3 to 4 m below ground level</p> <ul style="list-style-type: none"> No. of recharge pits: 6 no. of recharge pits having size 1 m x 1 m x 1 m depth <p>Commercial: (No)</p> <ul style="list-style-type: none"> Level of the Ground water table: Not applicable Size and no. of RWH tank (s) and Quantity: Not applicable Capacity of RWH tank: Not applicable Location of the RWH tank (s) : Not applicable No of Recharge Pits: Not applicable Budgetary allocation (Capital cost and O & M cost): Capital cost is Rs.1.5 lakh O & M cost is Rs.0.15 lakh/year 															
29.	UGT tanks	<p>Residential & Commercial:</p> <p>Domestic UG tank Capacity: 177 m³/day</p> <p>Flushing UG tank Capacity: 64 m³/day</p> <p>Fire UG tank Capacity: 150 m³</p>															
30.	Storm water drainage	<ul style="list-style-type: none"> Natural water drainage pattern: along the road side. Quantity of storm water: 1.3 m³/sec Size of SWD: 750mm x 650 mm depth 															
31.	Sewage and waste water	<p>Residential & Commercial</p> <ul style="list-style-type: none"> Sewage generation (CMD): 129m³/day STP technology: Moving Bed Bio Rector (MBBR) 															

		<ul style="list-style-type: none"> Capacity of STP: 130 & 23 m³/day Area is 127 m² and 40 m² <p>Budgetary allocation (Capital cost and O & M cost) Capital cost is Rs.34 lakh O & M cost is Rs.10 lakh/year</p>
32.	Solid waste Management	<p>Waste generation in the Pre construction and construction phase</p> <ol style="list-style-type: none"> 1. Waste generation is 15,280 m³ 2. Quantity of the top soil to be preserved: 2,587 m³ 3. Top soil preservation / conservation: Top soil will be preserved and later reused in landscape area. 4. Disposal of the construction way debris: Debris generated will be sent to the authorized debris disposal site as per "Construction and Demolition and De-silting Waste (Management and Disposal) Rules 2006. <p>Waste generation in the Operation Phase</p> <p>Residential & Commercial:</p> <ul style="list-style-type: none"> • Dry quantity: 201 kg/day • Wet quantity: 385 kg/day • Inert quantity: 42kg/day • Total quantity: 609 kg/day • E-Waste (kg/month): Not applicable • Hazardous waste (kg/month): Not Applicable • Biomedical waste (kg/month) (If applicable): Not Applicable • STP Sludge (Dry sludge) (kg/day): 1 kg/day <p>Mode of Disposal of waste:</p> <ul style="list-style-type: none"> • Dry quantity: Dry garbage will be segregated & disposed off to recyclers. • Wet quantity: Wet garbage will be composted and used as organic manure for landscaping • E-Waste: Disposed off to recyclers. • Hazardous waste: Not Applicable • Biomedical waste (If applicable): Not Applicable • STP Sludge (Dry sludge): Dry sludge can be used as manure for plantation & gardening purposes inside the premise. <p>Area requirement:</p> <p>Location (s) and total area provided for the storage and treatment of the solid waste: location is on Ground and area is 40 m² and 13 m²</p> <p>Budgetary allocation (Capital cost and O & M cost) Capital cost is Rs.12 lakh O & M cost is Rs.2 lakh/year</p>
33.	Green Belt Development	<p>Total R.G area:</p> <ul style="list-style-type: none"> • RG area other then green belt: Not applicable

(Please specify for playground, etc.) RG area is 1,120 m ² <ul style="list-style-type: none"> RG area under green belt: On Ground: RG 1: 725 m² Open space as a RG 2: 395 m² Total RG area is 1,120 m² Plantation: Number and list of trees species to be planted in the ground RG 560 no. of trees will be planted in total RG area. List is given below: Existing trees 		
Botanical name	Common name	Total
	Existing	
Acacia auriculiformis	Australian bakul	15
Araciacara cookii	x-mass tree	6
Azardirachta indica	Neem	35
Alstonia scholaris	veatalin	10
Bauhinia variegata	kanchan	40
Cassia fistula	Amaltash	60
Callistiman lanciولات	Bottle brush	15
Casuriana equisetifolia	Suru	10
Delonix regia	Gulmohar	10
Jacaranda mimosifolia	Nilmohor	15
Plumeria alba	Chafa	20
Peltophorum pterocarpum		10
Ravinalla madagascarensis	Travelers palm	20
Taebubea argentea	Taebubea golden	60
Terminailia catappa	Badam	30
Washingtonia filifera	Palm	20
Total		377
<ul style="list-style-type: none"> List is given below: Proposed trees 		
Botanical name	Common name	Total
	Proposed	
<i>Couropita guianensis</i>	Kailasapati	16
<i>Bauhinea purpurea</i>	Kanchan	18
<i>Lagerstoemia floxragme</i>	Taman	14
<i>Azadirachta indica</i>	Neem	08
<i>Manikara hexandra</i>	Chikoo	10
<i>Saraca Asoca</i>	Sita Askoka	04
<i>Anthocephalous</i>	Kadamb	15
<i>Sweitenia mohgani</i>	Mahogani	06
<i>Albizzia lebbek</i>	Shirish	06
Cassia fistula	Bahava / golden shower tree	08
Pterospermum	Muchkund	07
Plumeria	Chafa	17

		<i>Barringtonia Acutangula</i>	Samudra phal	27
		<i>Khaya Grandis</i>	Khaya	27
		Total		183
		<p>Number and list of trees species to be planted in the ground RG: 560 no.</p> <p>Number and list of Shrub & bushes species planted in the podium RG: provided</p> <p>Number and list of trees species to be planted around the border of nalla/ stream / pond (if any): No</p> <p>Number of existing Trees: 377 no.</p> <p>Number, Size, Age and Species of trees to be cut, trees to be transplanted: No</p> <p>Number, Size, Age and Species of trees to be cut, trees to be transplanted: No</p> <p>NOC for the tree cutting / transplantation / compensatory plantation, if any: No</p> <p>Trees to be transplanted: No</p> <ul style="list-style-type: none"> Budgetary allocation (Capital cost and O & M cost) <p>Capital cost is Rs.90 lakh</p> <p>O & M cost is Rs.4 lakh/year</p>		
34.	Energy	<p>Power supply:</p> <ul style="list-style-type: none"> Maximum demand: 665 kW Source: MSEDCL <p>Total DG power consumption for residential buildings: 320 kVA</p> <p>Total DG power consumption for clubhouse and commercial buildings: Not applicable</p> <p>Energy saving measures:</p> <ul style="list-style-type: none"> The following Energy Conservation Methods are proposed in the project: Use of energy efficient, BEE labeled electrical fixtures, solar powered lighting in external common area. Energy efficient Light Emitting Diode (LED) lamps which give approx. 30% more light output for the same watts consumed and therefore require less nos. of fixtures. Solar Electrical Power + LED lighting is complimentary in Residential as in day time, it is used effectively in night time in Common areas like staircase, area lighting. Calculation & % of saving: 9% <p>Number and capacity of the DG sets to be used: DG set: 320 & 100 kVA</p>		

		Stack Height: 3 m																																																																								
		Electricity requirement from MSEDCCL: 665 kW																																																																								
		HT line passing through the plot if any: Yes																																																																								
35.	Environmental Management plan Budgetary Allocation	Construction phase (with Break-up) <table><tr><th>Parameter</th><th>Cost (Rs. In Lakh)</th></tr><tr><td>Water For Dust Suppression</td><td>1.0</td></tr><tr><td>Air & Noise monitoring</td><td>2.0</td></tr><tr><td>Soil erosion control</td><td>2.0</td></tr><tr><td>Water monitoring</td><td>1.0</td></tr><tr><td>Site Sanitation</td><td>3.0</td></tr><tr><td>Gardening Set up</td><td>12.0</td></tr><tr><td>Disinfection-Pest Control</td><td>2.0</td></tr><tr><td>First Aid Facilities</td><td>1.0</td></tr><tr><td>Health Check Up</td><td>1.0</td></tr><tr><td>Training and awareness</td><td>1.0</td></tr><tr><td>Personal Protective Equipment's</td><td>2.0</td></tr><tr><td>Modular STP</td><td>7.0</td></tr><tr><td>CFL lamps for labour hutments</td><td>1.0</td></tr><tr><td>Miscellaneous</td><td>3.0</td></tr><tr><td>Total</td><td>39.0</td></tr></table> Operational Phase (with Break-up) <table><tr><th>Sr.</th><th>Parameter</th><th>Cost (Rs. In Lakh)</th><th>O & M Cost (Rs. In Lakh)</th></tr><tr><td>1</td><td>Sewage Treatment Plant</td><td>34.0</td><td>10.0</td></tr><tr><td>2</td><td>Water Treatment Plant</td><td>4.0</td><td>1.0</td></tr><tr><td>3</td><td>Landscape Development</td><td>90.0</td><td>4.0</td></tr><tr><td>4</td><td>Solid Waste Composting</td><td>12.0</td><td>2.0</td></tr><tr><td>5</td><td>Rain water harvesting</td><td>1.5</td><td>0.15</td></tr><tr><td>6</td><td>Fire Fighting</td><td>14.0</td><td>2.0</td></tr><tr><td>7</td><td>Solar hot lighting</td><td>22.0</td><td>3.0</td></tr><tr><td>8</td><td>Environmental Monitoring</td><td>0.0</td><td>3.0</td></tr><tr><td></td><td>Total</td><td>177.5</td><td>25.15</td></tr></table> <ul style="list-style-type: none">Quantum & generation of Corpus fund & commitment: Not Applicable as facility is operated by us.Responsibility for further O & M: All facilities will be handed over to the society. O & M of this facility will be handled by the society. We have incorporated the same in	Parameter	Cost (Rs. In Lakh)	Water For Dust Suppression	1.0	Air & Noise monitoring	2.0	Soil erosion control	2.0	Water monitoring	1.0	Site Sanitation	3.0	Gardening Set up	12.0	Disinfection-Pest Control	2.0	First Aid Facilities	1.0	Health Check Up	1.0	Training and awareness	1.0	Personal Protective Equipment's	2.0	Modular STP	7.0	CFL lamps for labour hutments	1.0	Miscellaneous	3.0	Total	39.0	Sr.	Parameter	Cost (Rs. In Lakh)	O & M Cost (Rs. In Lakh)	1	Sewage Treatment Plant	34.0	10.0	2	Water Treatment Plant	4.0	1.0	3	Landscape Development	90.0	4.0	4	Solid Waste Composting	12.0	2.0	5	Rain water harvesting	1.5	0.15	6	Fire Fighting	14.0	2.0	7	Solar hot lighting	22.0	3.0	8	Environmental Monitoring	0.0	3.0		Total	177.5	25.15
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		the sale agreement.				
36.	Traffic management	Details	As per DCR (Number)	Parking provided (m ²)	Parking area (m ²)	Car per MoEF Construction manual
		4 wheelers	379	382	10,680	25 & 30
		2 wheelers	663	663	2,784	4.2
		Cycle	389	389	1,633	4.2
		Car with circulation area			Manual on norms & standards for Environment Clearance of large construction projects	
		Open parking			25 m ²	
37.	CRZ/RRZ clearance obtain, if any	Not applicable				
		Not applicable				
38.	Distance from Protected Area/Critically Polluted areas/ Eco-sensitive areas / Inter-State boundaries	Not applicable				
		Status of the approval	Name of the competent authority		Date of the issued letter	
39.	CFO NOC for the above said building structure (s)	Applied				
40.	HRC NOC for the above said building structure (s) (If applicable)	Not Applicable				
41.	NOC for the above said building structure(s) from the Aviation authority (If applicable)	Not Applicable				
42.	Consent for the water for the above said detail (s)	Approved	Pune Municipal Corporation		File No.2000 dated 10.11.2015	
43.	Consent for the drainage for the above said detail (s)	Approved	Pune Municipal Corporation		File No.1908 dated 09.11.2015	
44.	Consent for the electric supply for the proposed demand	Applied				
45.	Pre-certification for Green building from Indian Green	No				

	Building Council and other recognized institutes (If applicable)			
46.	Court Order (If applicable)	Not Applicable		
47.	Other approvals (if any)	Not Applicable		

3. The proposal has been considered by SEIAA in its 103rd meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

General Conditions for Pre- construction phase: -

- (i) This Prior Environment Clearance is restricted for approved BUA of 39714.00 Sq.m.
- (ii) This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any. Judgments/orders issued by Hon'ble High Court, Hon'ble NGT, Hon'ble Supreme Court regarding DCR provisions, environmental issues applicable in this matter should be verified. PP should submit exactly the same plans appraised by concern SEAC and SEIAA. If any discrepancy found in the plans submitted or details provided in the above para may be reported to environment department. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SEIAA) approved the proposed land use.
- (iii) E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
- (iv) 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.
- (v) PP has to abide by the conditions stipulated by SEAC& SEIAA.
- (vi) The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
- (vii) "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.

- (viii) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.

General Conditions for Construction Phase-

- (i) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche and First Aid Room etc.
- (ii) 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.
- (iii) The solid waste generated should be properly collected and segregated, dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
- (iv) Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- (v) Arrangement shall be made that waste water and storm water do not get mixed.
- (vi) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- (vii) Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- (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) 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.
- (x) Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
- (xi) Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.

- (xii) The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- (xiii) The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
- (xiv) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- (xv) 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.
- (xvi) Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
- (xvii) Ready mixed concrete must be used in building construction.
- (xviii) The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipment's etc. as per National Building Code including measures from lighting.
- (xix) Storm water control and its re-use as per CGWB and BIS standards for various applications.
- (xx) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- (xxi) The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- (xxii) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.

- (xxiii) Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- (xxiv) Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
- (xxv) 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.
- (xxvi) Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
- (xxvii) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
- (xxviii) Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.
- (xxix) Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
- (xxx) Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
- (xxxi) 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.
- (xxxii) Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
- (xxxiii) The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.

(xxxiv) 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.

(xxxv) 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.

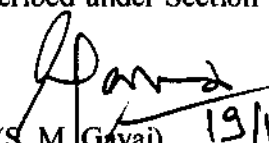
(xxxvi) Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.

General Conditions for Post- construction/operation phase-

- (i) Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.
- (ii) Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
- (iii) Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
- (iv) A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
- (v) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
- (vi) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (vii) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the MPCB & this department.
- (viii) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://ec.maharashtra.gov.in>.

- (ix) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
 - (x) 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.
 - (xi) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
 - (xii) 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.
 - (xiii) 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.
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. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.
 6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
 7. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
10. Any appeal against this environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


(S. M. Gavai) 19/1
Member Secretary, SEIAA

Copy to:

1. Additional Secretary, MOEF, 'MoEF& CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
2. The MoEF, Regional Office, Nagpur.
3. IA- Division, Monitoring Cell, MoEF& CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
4. Managing Director, MSEDCL, MG Road, Fort, Mumbai
5. Commissioner, Pune Municipal Corporation.
6. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
7. Regional Office, MPCB, Pune.
8. Select file (TC-3)
(EC uploaded on 13/11/17)

Annexure V

CONSENT TO ESTABLISH LETTER

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437/4020781
/4037124/4035273
Fax : 24044532/4024068 /4023516
Email : rohq@mpcb.gov.in
Visit At : <http://mpcb.gov.in>



Kalpataru Point, 3rd & 4th floor, Sion- Matunga
Scheme Road No. 8, Opp. Cine Planet Cinema, near
Sion Circle, Sion (E),
Mumbai - 400022

Consent order No: Format1.0/BO/RO-HQ/ 1803001520

Date 31/3/2018

To,
M/s. Gloria Associates,
S. no. 47 (4A+4B+5+6+9+11+12+ 16+4/B+13+14/P+19),
Opposite Ambrosia, Mulshi Road, Bavdhan,
Dist- Pune.

Subject: Consent to Establish (expansion) for Residential cum commercial project under Red Category.

Ref :

1. Environmental Clearance granted vide no. SEAC-III-2015/C.R.123/TC-3 dated 19.1.2017.
2. Minutes of Consent Committee meeting held on 12/02/2018.

Your application MPCB-CONSENT-0000020380 Dated: 31/01/2017

For: Consent to Establish (expansion) for Residential cum commercial project 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 under Rule 5 of the Hazardous and Other Wastes (M & TM) Rules, 2016 and Municipal Solid Waste (Management & Handling) Rule, 2000 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent to establish (expansion) is granted for a period up to commissioning of the project or 5 years whichever is earlier.
2. The proposed capital investment of the project is Rs. 116.52 Crs. (As per C.A. Certificate submitted by project proponent)
3. The Consent to Establish (expansion) is valid for construction of Residential cum commercial building (B1, B2, H1, H2) Project by M/s. Gloria Associates, at S. no. 47 (4A+4B+5+6+9+11+12+ 16+4/B+13+14/P+19), Opposite Ambrosia, Mulshi Road, Bavdhan Dist- Pune on total plot area of 19161 sq.m. and total construction built up area 32882 sq. mtrs including utilities and services as per commencement certificate issued by local body.

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

Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	NIL	NA	NA
2.	Domestic effluent	129	As per Schedule -I	60% should be reused & recycled and remaining should be discharged in municipal sewer

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

Sr. No.	Description of stack/ source	Capacity	Number Of Stack	Standards to be achieved
1	DG Set	320 KVA	1	As Per Schedule -II
2	DG Set	100 KVA	1	As Per Schedule -II

6. Conditions under Solid Waste Management Rules, 2016:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Bio-degradable	385 Kg/Day	OWC	Used as Manure
2	Non-biodegradable	201 Kg/Day	--	Segregate and Hand over to Local Body for recycling
3	Inert waste	42 Kg/day		
4	STP Sludge	1 Kg/Day	--	Used as Manure

7. Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste; NIL.

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

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

10. 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.

11. Project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding the compliance of conditions of EC/CRZ clearance and C to E.

12. Project Proponent shall comply with the conditions stipulated in Environmental Clearance granted by GoM vide SEAC-III-2015/C.R.123/TC-3 dated 19.1.2017.

For and on behalf of the
Maharashtra Pollution Control Board

(Dr. P. Anbalagan, IAS)
Member Secretary

Received Consent fee of-

Sr. No.	Amount(Rs.)	DR .No.(RTGS)	Received Date	Drawn On
1	233040	0196600	2017-03-20	HDFC Bank

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune-I.-- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updation purposes.

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have proposed to install two Sewage Treatment Plant (STPs) based on MBBR technology with the design capacity of **130 CMD & 23 CMD**.

B] The Applicant shall operate the effluent 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	Standards prescribed by Board
		Limiting Concentration in mg/l, except for PH
01	BOD (3 days 27oC)	10
02	Suspended Solids	50
03	COD	100

C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, on land for gardening etc and remaining shall be discharged in to the municipal sewerage system.

D] Project proponent shall operate STP for five years from the date of obtaining occupation certificate.

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 should 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

- 2) **Project proponent shall install online monitoring system for monitoring of BOD, SS and flow at the outlet of STP.**

3) The industry should 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) In case, the water consumption of the project is not covered under the water consumption of local body, in that situation, the project proponent should submit the CESS Returns in the prescribed format given under the provision of Water (Prevention & Control of Pollution) Cess Act, 1977 and Rules made thereunder for various category of water consumption.

In case the water consumption is duly assessed under the quantity of water consumption of local body, the project proponent should submit certificate to that effect from the concern local body with the request not to assess CESS on their water consumption, being already assessed on the water consumption of local body.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Domestic purpose	108 (fresh)+ 69 (recycled)

Schedule-II

Terms & conditions for compliance of Air Pollution Control:

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

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type Of Fuel	Quantity	UOM	S %	SO ₂
1	DG Set (320 KVA)	Acoustic enclosure	3.6*	Diesel	68	Lit/Hr	--	--
2	DG Set (100 KVA)	Acoustic enclosure	2.0*	Diesel	21	Lit/Hr	--	--

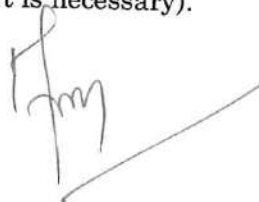
* Above roof of the building in which it is installed.

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

Particulate matter	Not to exceed	150 mg/Nm ³ .
--------------------	---------------	--------------------------

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

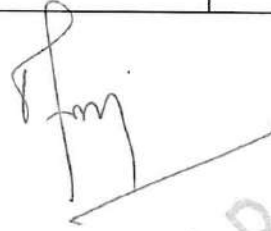
The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).



Schedule-III

Details of Bank Guarantees

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish	Rs. 10 lakh	15 Days	Towards compliance of EC and consent conditions	Upto Commissioning of the project	COU or Five years whichever is earlier



Maharashtra Pollution Control Board

Schedule-IV

General Conditions:

- 1) The applicant should 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 should pay to the Board for the services rendered in this behalf.
- 2) The firm should strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Solid Waste Management Rules, 2016 and E-Waste (Management) Rules, 2016.
- 3) Drainage system should be provided for collection of sewage effluents. Terminal manholes should be provided at the end of the collection system with arrangement for measuring the flow. No sewage should be admitted in the pipes/sewers downstream of the terminal manholes. No sewage should 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) should also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) The industry should take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
 - d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - 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 should 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 should comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 6) Solid Waste – The applicant should provide onsite municipal solid waste processing system & should comply with Solid Waste Management Rules, 2016 & E-Waste (M) Rules, 2016.
- 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) The industry should submit official e-mail address and any change will be duly informed to the MPCB.
- 9) The firm should 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.
- 10) **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.**

Annexure VI

CONSENT TO OPERATE

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 24010437/24020781
/24037124/24035273
Fax : 24044532/24024068
/24023516
Email : jdwat@mpcb.gov.in
Visit At : <http://mpcb.gov.in>



Kalpataru Point, 3rd & 4th floor,
Sion- Matunga Scheme Road No. 8,
Opp. Cine Planet Cinema, Near Sion Circle,
Sion (E), Mumbai - 400022

Infrastructure /Red/LSI

Consent order No: Format1.0/BO/JD (WPC)/UAN-21334/CO/CC- 1905000835

Date 16/05/2019

To,

M/s. Gloria Associates "Gloria Grace"

Sr No.47 (4A+4B+5+6+9+11+12+16+4/B+13+14/P+19),

Opposite Ambrosia, Mulshi Road, Bavdhan, Pune

Sub: Renewal of Consent to For housing Projects is granted under Red category.

- Ref :** 1. Grand Consent to Operate Vide No. Format 1.0/BO/RO(HQ)/CO/PN-20490-14/CC-3094 dt.29/03/2014.
2. Environmental Clearance obtained Vide SEAC-III-2015/CR-123/TC-III dt.19/01/2017.
3. Your Application vide UAN No. 21334 dt.14/02/2017
4. Minutes of Consent Committee meeting held on 12/02/2018.

For: Renewal Consent to Operate (Part) for housing Construction project under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous and Other Wastes (M & TM) Rules, 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The Consent to Operate (Part) is granted for period up to 31/01/2020.
2. The proposed capital investment of the project is Rs. 59.01Cr.
(As per C.A certificate submitted by project proponent)

The Renewal of Consent to Operate (Part) is valid for **Residential Construction Projects** named as **M/s. Gloria Associates "Gloria Grace" Sr No.47(4A+4B+5+6+9+11+12+16+4/B+13+14/P+19), Opposite Ambrosia, Mulshi Road, Bavdhan, Pune.** For total plot area of 28.020 Sqm and construction built up area 22352.92 Sqm out of total construction BUA 37463.0 Sqm including utilities and services as per architect Certificate Submitted by project proponent dt.09.03.2017.

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

Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	NIL	NA	NA
2.	Domestic effluent	142	As per Schedule -I	60% should be reused & recycled and remaining should be discharged in municipal sewer

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

Sr. No.	Description of stack/ source	Capacity	Number Of Stack	Standards to be achieved
1	4 DG Set each of 160 KVA	640 KVA	1	As Per Schedule -II

5. Conditions under Solid Waste Management Rules, 2016:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Wet garbage	264 Kg/Day	Organics waste Converter with composting facility / Biogas digester with composting facility	Used as Manure
2	Dry garbage	360 Kg/Day	--	Segregate and Hand over to Local Body for recycling
3.	STP sludge	23.0 Kg/day	STP	Used as manure

- Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste; NIL.
- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same should be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- 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.
- Project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding the compliance of conditions of EC/CRZ clearance and C to E.
- Project Proponent shall install online monitoring systems for BOD, TSS and flow at the outlet of STP.
- Project Proponent shall Operate and maintain Organic waste digester with composting facility or Biogas digester with composting facility.
- The applicant should comply with the conditions stipulated in environmental Clearance Obtained from SEAC, Environment Department, Government of Maharashtra, dtd.19.01.2017 for total plot area 47,181.0 Sqm and construction BUA 1,05,852.0 sqm.

**For and on behalf of the
Maharashtra Pollution Control Board**

(P.K. Mirashe)
**(P.K. Mirashe)
Member Secretary**

Received Consent fee of –

Sr. No.	Amount (Rs.)	Transaction . No.	Date	Drawn On
1	100000.0	TXN1702002023	15/02/2017	Online
2	200000.0	NEFT	17/09/2018	HDFC Bank

Copy to:

- Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune-II They are directed to ensure the compliance of the consent conditions.
- Chief Accounts Officer, MPCB, Mumbai.
- CC/CAC desk- for record & website updating purposes.

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have installed of Sewage Treatment Plants (STP) with the design capacity of 275.0 CMD
- B] The Applicant shall operate the effluent 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	Standards prescribed by Board
		Limiting Concentration in mg/l, except for PH
01	BOD (3 days 27°C)	10
02	Suspended Solids	50
03	COD	50
04	Residual Chlorine	1 ppm

- C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, on land for gardening etc and remaining shall be discharged in to the municipal sewerage system.
- D] Project proponent shall operate STP for five years from the date of obtaining occupation certificate.
- 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 should 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
- 2) The industry should 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.
- 3) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Domestic purpose	178.0

- 4) 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.



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

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

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type Of Fuel	Quantity	UOM	S%	SO ₂ Kg/day
1	4 DG Set of (640 KVA)	Acoustic enclosure	5.06 (each)	HSD	166	Lit/Hr	1	79.68

* Above roof of the building in which it is installed.

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

Particulate matter	Not to exceed	150 mg/Nm ³ .
--------------------	---------------	--------------------------

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



Schedule-III
Details of Bank Guarantees

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Operate	Rs. 10 lakh	15 Days	Towards O & M of pollution Control System.	Continuous	31.03.2020



Maharashtra Pollution Control Board

Schedule-IV

General Conditions:

The following general conditions shall apply as per the type of the industry.

- 1) The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Solid Waste Management Rules, 2016 and E-Waste (Management) Rules, 2016.
- 3) Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4) Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5) Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
 - d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - f) 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.
 - g) D.G. Set shall be operated only in case of power failure.
 - h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - i) The applicant shall comply with the notification of MoEF dated 17.05.2002 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 Rules, 2016 & E-Waste (M) Rules, 2016.
- 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) The treated sewage shall be disinfected using suitable disinfection method.
- 9) 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.
- 10) **The applicant make an application for renewal of consent at least 60 days before the date of the expiry of the consent.**



Annexure VII

ENVIRONMENTAL STATUS REPORT

Environmental Status Report

As per EC condition (LIV)

April 2022 to September 2022

for

Gloria Associates.

"Gloria Grand"

Residential & Commercial Project at Village Bavdhan,
District Pune, Maharashtra



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Environmental Status Report

Introduction

Paranjape Schemes (Construction) Ltd. is developing Residential commercial project "Gloria Grand" Opp. Hotel Ambrosia, Mulshi Road, Bavdhan, Pune Maharashtra. Environment Clearance was obtained vide file EC no. 21-348/2007-IA.III Govt. of India from MoEF, dated 24.12.2007 and proposed expansion of Residential and commercial project at S. No. 47(47/4A) + (47/4B) + (47/5) + (47/6)+(47/9) + 47(47/11) + (47/12) + (47/16)+(47/4/B) + (47/13)+(47/14/P) + 47(47/19) of Environment Clearance letter dated 19 Jan. 2017

Project proponent information

Name	Gloria Associates. Alok Nayak Project Proponent
Address	PSC House, CTS No 111+111/2, Anand colony, Near Suvanrekha Dining Hall, Near Karnataka High School Lane, Off Prabhat Road, Pune 411004
Telephone	+91 20 25462128
Fax	+91 20 25462128
Email ID	alokn@pscl.in

Plot area details

Details	Existing as per EC	Pro-posed	Total	Unit
Total plot area	28,020	19,161	47,181	m ²
Deduction of road widening (D P road 12 and 24 m)	8,891	721	9,612	m ²
Deduction of Amenity	5,281	0	5,281	m ²
Nala Garden Reservation	851	0	851	m ²
Net Plot area	12,997	18,440	31,437	m ²

Proposed construction area details

Details	Existing as per EC	Proposed	Total	Unit
FSI area	37,463	17,756	55,219	m ²
Non FSI area	35,507	15,126	50,630	m ²
Total construction area	72,970	32,882	1,05,852	m ²

Present status

PP have started the construction in 2008. Construction details are given below,

Phase I - Building A To G - Completed

Phase II -

Building B1 - Stilt+3rd floor RCC completed

Building B2 - Foundation work in progress

Building H1- Yet to start

Building H2 - Excavation started

Construction activity

Table 1: Environmental Services progress status

Sr.	Details	Status
1.	DG set	Total DG power consumption for residential building for proposed project is 320 kVA.
2.	Landscape area	Total RG area- 1,120 m ² PP is developing green area in phase wise manner.
3.	Tree plantation	Phase 1 completed Phase 2 not yet started
4.	STP work	STP Phase 1 completed Phase 2 not yet started
5.	Solid waste management: OWC details	Phase 1 completed Phase 2 not yet started
6.	Parking	Completed for existing buildings. Not constructed yet for proposed building.
7.	Labour camp	PP has provided labour camp with all necessary hygienic and sanitary facilities.
8.	Excavation details	Excavation is in progress.
9.	Debris details and its management	The excavated material is being used for backfilling, Gardening and leveling.
10.	Ground water recharge: Rain water harvesting	Phase 1 completed Phase 2 not yet started
11.	Storm water harvesting	Completed for existing building.

Sr.	Details	Status
12.	RMC plant and brick details	RMC is outsourced
13.	Contact person on site	Chougule B.R.

Construction facility on site

PP have provided following facilities at site:

- Material storage area.
- DG sets during construction phase.
- Personal Protective equipment's for workers.
- Safety Nets for buildings.
- RMC procured from outside.
- Steel yard.
- Waste material storage area.

Facility provided on site for Labour

Labour camp has been provided for the labours with the all necessities like sanitary facilities, drinking water facility, and health check-up for workers. First aid room with well-equipped first aid box is provided to the workers. Crèche facility for workers children is provided with all necessary facility.

Land Excavation details

The excavated material is being used for backfilling and levelling purpose within the project area.

Water details

Construction phase

For drinking, there is Pune Municipal Corporation water supply for the labour. PP is doing regular water monitoring through MoEF and NABL accredited Lab. Reports submitted along with Compliance Report.

Operational phase

During operation phase water is supplied through Pune Municipal Corporation for existing buildings.

Sewage Treatment Plant details

Construction phase

The PP has provided labour camp with 5 no of toilets and septic tanks. The sewage generated through labour camp is being collected in septic tank and disposed off through PMC authorized suction vehicle.

Operational phase

PP will provide the STP for proposed project of capacity 130 and 23 m³/day. Existing STP of capacity 275 m³ is in operational phase.

Storm Water Drain

PP have provided the proper storm water drainage system within the project area. PP constructed storm water drainage line up to the municipal line.

Rain Water Harvesting

PP will be proposing the 6 no. of recharge pits having 1 m × 1 m × 1 m depth size. To prevent leaves and debris from entering the system, mesh filters will be provided at the mouth of the drainpipe.

For rainwater collected from ground surface following actions are usually taken:

- Cleaning of surface of vegetation, organic and loose materials.
- Smoothing the surface by mechanical compaction or surface binding treatment.
- Checking that the surface is free from all such chemical and organic material, which may cause chemical/bacterial contamination of harvested water.

Solid Waste Disposal

Construction phase

The excavated soil during construction phase is being used for backfilling, levelling and landscape purpose. The solid waste generated from labour camp is being disposed off through municipal solid waste vehicle.

Operational phase

PP have provided vermicomposting pits for the existing project and OWC unit for proposed buildings for management of the management of biodegradable waste from project site. Non-Biodegradable waste is handed over to authorized dealer.

Power Supply and consumption

Construction phase

PP have received the power supply connection from MSEB.

Operational phase

Connected load of 665kW will be provided from MSEDCL.

Roads, Traffic and Transport details

Construction phase

Project has well connectivity for road. 12 m wide approach road, 24 m wide DP road available for proper traffic management.

All incoming and outgoing vehicles during construction phase are having direct access from the main road to project site, so there will not be any disturbance to existing traffic movement.

Operational phase

PP has proper 6 m internal road and having proper connectivity to main road.

To mitigate the impact of pollutants from vehicular traffic during the operational phase of the site, the following measures are recommended for implementation.

Vehicle emission controls

Adequate informatory signage's/Speed control devices are installed within premises near entry/exit gates to regulate and control the speed of outgoing/incoming traffic. Regular maintenance of the vehicles will be mandatory for all the vehicles being parked in the building premises. Security persons at entry and exit point to insure the smooth traffic movement.

Housing and Slums provision

PP have provided labour camp with all necessary sanitary facilities at site.

Slum provision is not applicable for this project.

Air Environment

PP is monitoring the ambient air quality every month through MoEF and NABL accredited and six-monthly report have been sent to MoEF, Nagpur and RO & HQ of MPCB offices with the EC compliance condition.

Dust

Water sprinkling on road during construction phase. road side plantation along the boundary of the proposed construction site and within the project site. GI Sheet Barricading along the construction site.

Periodic maintenance of construction equipment. And use the good quality of fuels and use of personal protective equipment.

Noise Environment

PP is monitoring the Noise level through MoEF and NABL accredited Lab every month and six-monthly report have sent to MoEF, Nagpur and RO & HQ of MPCB offices with the EC compliance condition.

No construction work is being done during night time.

Construction equipment will be well maintained to reduce the noise pollution as per the standard limits.

PP have provided the earplugs, muffs to the construction staff.

Industries, Wastes and Hazards

It is Residential project. This issue is not applicable.

Health facility

PP have provided first aid room for workers within project area. Workers are provided with facility health check-up through annual camps.

During operation phase PP have provided Club house facility with Gymnasium and indoor games. The project site is having all necessary facility such as market, banks, and hospitals within 1 km radius.

Other Facility

The project site is having all necessary facility such as market, banks, and hospitals within 1 km radius.

Biological Environment

Plantation & Landscaping

Selection of the plant species has been done based on their adaptability to the existing geographical conditions and the vegetation composition of the region. During the development of the green belt within the project area, emphasis has been given to selection of plant species like nitrogen fixing species, species of ornamental values, species of very fast growth with good canopy cover etc.

Landscape development plan

In the proposed project, the area allotted for landscaping is 1,120 m². Various types of trees are proposed for plantation. Total **377** no. of trees will be planted in the proposed project. The trees will be planted along the compound wall and along the road with adequate space between them so that their growth is not hampered. Plantation has to be taken up randomly and landscaping aspects could be taken into consideration.

Environment Monitoring Cell

Environmental management cell is being formed headed by an Environment Manager supported by adequate number of personnel having sufficient educational and professional qualification and experience to discharge number of personnel having sufficient educational and professional qualification and experience to discharge responsibilities related to environmental management including statutory compliance, pollution prevention, environmental monitoring, preventive maintenance of pollution control equipment and green belt development & maintenance of pollution control equipment and green belt development & maintenance. The head of the cell is directly report to the top management. This cell is the nodal agency to co-ordinate and provide necessary services on environmental issues during construction and operation of the project. This department will interact with MPCB, MoEF, CPCB and Other environment regulatory agencies. The cell will be effective till handing over of the project to society.

Environmental Management Audits:

The management audits are to determine whether the activities are conforming to the environmental management systems and effective in implanting the environmental policy. They may be internal or external, but carried out impartially and effectively by a person properly trained for it. Broad knowledge of the environmental process and expertise in relevant disciplines is also required. Appropriate audit programs and protocols will be established.

Table 2: Organization & Environment Management Cell

Sr.	Level	Designation	Purpose
1	Honorary	Director / Managing Committee	Policy
2	Manager	Environmental Scientist /Chemist	Job (*)
3	Executive	Supervisor, contractor, Engineers	Implement
4	Third Party	Environmental sampling, analysis will be done through external agency approved by MoEFCC / MPCB	Monitoring, testing