Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000062834	06-10-2023

PART A

Company Information

Company Name	***Application UAN number***
M/s. Kothari Auto Parts Manufactures Pvt. Ltd.	181725

Address

CTS No. 141/1,2,3; 144; 145/1,2,4, 148/1,2,3, 412/2 & 141/2 Village Majiwade Kapurbawadi, Ghodbandar Road, Thane (West).

Plot no	***Taluka***	***Village***
CTS No. 141/1,2,3; 144; 145/1,2,4, 148/1,2,3, 412/2 & 141/2	....	Majiwade Kapurbawadi

Capital Investment (In lakhs)	***Scale***	***City***
47544	LSI	Mumbai

Pincode	***Person Name***	***Designation***
400607	Mr. Harish R. Patel	Director

Telephone Number	***Fax Number***	***Email***
9820208519	0	kshitij.pandit@rajeshlifespaces.com

Region	***Industry Category***	***Industry Type***
SRO-Thane I	Orange	O21 Building and construction project more than 20,000 sq. m built up area

Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
no	Format 1.0/BO/CAC-cell/RO-TN/EIC-TN-4787-13/E/CAC-846; UAN No. MPCB-CONSENT-0000181725	28.01.2014

Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
5 years from date of issue.	2013	Dec 31 1873 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
This is a construction project.	0	0	CMD

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
This is a construction project.	0	0	CMD

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	0.00	0.00
Cooling	0.00	0.00
Domestic	999.00	0.00
All others	0.00	0.00
Total	999.00	0.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Domestic	999	0	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
NA	0	0	CMD

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
NA	0	0	CMD

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
LDO	940	0	

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
We will provide the STP as per consent conditions..	0	0	0	0	0

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason

Total Particulate Matter (TPM)	0	0	0	150 Mg/NM3	0

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Biodegradable Waste	0	0	Kg/Day
Biodegradable Waste	0	0	SqMtr/D
Non Biodegradable Waste	0	0	Kg/Day
Non Biodegradable Waste	0	0	SqMtr/D

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
STP Sludge	0	0	Kg/Day
STP Sludge	0	0	SqMtr/D

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	Kg/Day
0	0	0	SqMtr/D

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
0	0	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Biodegradable Waste	0	Kg/Day	NA
Biodegradable Waste	0	SqMtr/D	NA
Non Biodegradable Waste	0	Kg/Day	NA
Non Biodegradable Waste	0	SqMtr/D	NA

STP Sludge	0	Kg/Day	NA
STP Sludge	0	SqMtr/D	NA

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	*Reduction in Water Consumption (M3/day)*	*Reduction in Fuel & Solvent Consumption (KL/day)*	*Reduction in Raw Material (Kg)*	*Reduction in Power Consumption (KWH)*	*Capital Investment(in Lacs)*	*Reduction in Maintenance(in Lacs)*
NA	0	0	0	0	0	0

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	*Environmental Protection Measures*	*Capital Investment (Lacks)*
STP, OWC, Landscape, RWH, Solar energy system	.....	0

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	*Environmental Protection Measures*	*Capital Investment (Lacks)*
STP, OWC, Landscape, RWH, Solar energy system	.....	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

EMP will be followed for Environment protection measures and DG sets are not being used since there is no power failure as project is located within the municipal limits of Pune Municipal corporation

Name & Designation

Kedar Bakalkar

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000062834

Submitted On:

06-10-2023

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

SEAC 2011/CR -932/TC-2
Environment department,
Room No. 217, 2nd floor,
Mantralaya Annexe,
Mumbai 400 032
Date: 11th December, 2015

To,
M/s. Kothari Autoparts Manufacturing Pvt. Ltd
139, Seksaria Chambers, 2nd floor.
N. M. Road, Fort, Mumbai- 400023.

Subject:- Amendment in Environment Clearance condition of restricting construction of the Rental Housing component up to plinth level to the project MMRDA rental housing scheme, Residential & commercial project located at village Majiwade Kapurbawadi, Ghodbunder Road, Thane by M/s. Kothari Autoparts Manufactures Pvt. Ltd

Reference- Even number environment clearance letter dated 4th February, 2013.

Sir,

This has reference to your communication on the above mentioned subject.

2. It is noted that, the proposal earlier considered by SEAC-II in its 7thmeeting and recommended to SEIAA. SEIAA in its 58thmeeting decided to accord grant of EC to the project with condition that PP to restrict construction of the Rental Housing Component up to plinth level only till the final decision on the tenement size is taken by the State Government and PP may approach SEIAA once the plinth level of Rental Housing component hasbeen completed. Accordingly EC has been issued to the project vide letter no SEAC 2013/CR -114/TC-1dated 16th April, 2013. The Authority noted the D.O. letter no. SEIAA-2014/CR.133/TC-3 dated 29th November, 2014 by Add. Chief Secretary, Environment

Departmnet, GoM to Secretary, MoEF&CC regarding amendments in EC issued to the building projects.

In the 87th meeting of SEIAA, you have submitted Govt. Notice dated 30.11.2013 regarding proposed modification for affordable housing scheme wherein it is mentioned in the regulation no.11 that rental housing projects in respect of which location clearance has been granted by MMRDA and commencement certificate has been issued by the concerned Planning Authority shall be allowed to continuous in accordance with the provisions of the directives regarding the rental housing scheme. In the 87th meeting of SEIAA you also agreed to undertake the combine 50% of the rental housing units for affordable housingas per Notification dated 21.02.2014 issued by Urban Development Department, Government of Maharashtrasubject to approval from the Government.

Considering this, you are hereby informed that the SEIAA has decided to grant the EC to the total project as recommended by SEAC-II subject to condition tenement size of a RH component will be as per decision by the State Government and approved as per MMRDA prevailing policy.

All other terms and conditions stipulated in even number environment clearance letter dated 4th February, 2013 remains the same.

(Malini Shankar)
Member Secretary, SEIAA

Copy to:

1. Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai desai road, Breach candy, Mumbai- 400026.

2. Additional Secretary, MOEF, 'MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.

3. Member Secretary,Maharashtra Pollution Control Board, with request to display a copy of the clearance.

4. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).

5. Commissioner, Mira-Bhyandar Municipal Corporation.

6. Regional Office, MPCB, Thane.

7. Collector, Thane

8. IA- Division, Monitoring Cell, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.

9. Select file (TC-3)

(EC uploaded on 18/12/2015)

Government of Maharashtra

SEAC 2011/CR- 932 /TC-2
Environment department,
Room No. 217, 2nd floor,
Mantralaya Annexe,
Mumbai 400 032
Date: 4th February, 2013

To,

M/s. Rajesh Builders.
Village Majiwade Kapurbawadi,
Ghodbunder Road, Thane (W)
Dist- Thane.

Subject: Environment Clearance for Proposed "Rental Housing Scheme, Residential & Commercial Project" located at plot bearing 141/1,2,3; 144; 145/1,2,4; 146/2,3,4; 148/1,2,3; 412/2 & 141/2 at Village Majiwade Kapurbawadi, Ghodbunder Road, Thane (West) by M/s. Rajesh Builders - Environmental clearance regarding.

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 7th meeting decided to 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 55th Meeting.

2. It is noted that the proposal is for grant of Environmental Clearance for proposed "Rental Housing Scheme, Residential & Commercial Project" located at plot bearing 141/1,2,3; 144; 145/1,2,4; 146/2,3,4; 148/1,2,3; 412/2 & 141/2 at Village Majiwade Kapurbawadi, Ghodbunder Road, Thane (West) by M/s. Rajesh Builders .SEAC considered the project under screening category 8(a) B2 as per EIA Notification 2006.

Brief Information of the project is summarized during SEAC & SEIAA Meetings as:

<table>
<tr><td>Name of the Project</td><td colspan="3">Residential cum Commercial Project</td></tr>
<tr><td>Name of the Proponent</td><td colspan="3">M/s. Rajesh Builders</td></tr>
<tr><td>Type of Project</td><td colspan="3">Residential cum Commercial Project</td></tr>
<tr><td>Location of the project</td><td colspan="3">CTS No. 141/1,2,3 , 144 ,145/1,2,4, 146/2,3,4(part), 148/1, 48/2/1(part), 148/3/1(part), 412/2(part), 414/2, Village – Majiwade , Thane.</td></tr>
<tr><td>Total plot area (sq.m.)
Deductions
Net Plot Area</td><td colspan="3"><table><tr><td>Sr No</td><td>Area</td><td>Details (sq.m)</td></tr><tr><td>1</td><td>Area of plot</td><td>38,540</td></tr><tr><td>2</td><td>Area under setback/reservation</td><td>8,320</td></tr></table></td></tr>
</table>

	3	7.5% amenity open space	1,827
	4	Net Gross Plot area	28,393
	5	5% Additional RG	1,218
	6	Net Plot Area	27,175
	8	Total Green Cover Area	8,476.48
	9	Total Internal Road Area	7,534.60
	10	Plinth Area	5,392.22
	11	Club House	1,086.20
	12	Ground Coverage	13,649
	13	FSI Area	1,06,135.21
	14	Built up Area Free of FSI	1,29,739.31
	15	Total Construction Area	2,35,874.52

Permissible FSI (including TDR etc.)	Permissible FSI 4 Rental FSI - 1 Sale FSI - 3		
Proposed Built Up Area(FSI & Non FSI)	FSI Area	Non FSI Area	Total construction Area
	1,06,135.21sq. m	1,29,739.31sq. m	2,35,874.52 sq. m
Ground Coverage Area	Total Ground Coverage area = 13649 sq. m (50 %) MMRDA - 1754 sq.m (25.81%) Sale 11895 sq.m (58.36%)		
Estimated Cost of the project	475.44 Cr		
Number of Buildings & configuration(s)	Sale Building Building No1 : Wing A & B: BS+GR+4P+ UPPER STILT+ 28FLR Building No2 : Wing C & D: BS+GR+4P+ UPPER STILT+ 28FLR Building No3: BS+GR+4P+ UPPER STILT+ 28FLR. 1 commercial building : B + G + 4 Floors	MMRDA Building Building No 1, 2, 3 & 5: G +25FLR. Building No 4 : G + 24FLR.	
Number of tenants and shops	MMRDA : No of tenants: 1604	SALE: No of tenants: 456 Nos. No of shops: 12 Nos. No of offices: 36 Nos.	
Number of expected residents	MMRDA : Population: 8505 Nos.	SALE : Population: 4521 Nos.	
Tenant density per hector	MMRDA : 236 tenements / hectare	Sale : 247 tenements / hectare	
Height of Building(s)	116 mts		

<table>
<tr><td>Right of way</td><td>60 Mts. Wide Ghodbunder road
Nearest Fire Station Balkum Fire Brigade (0.60 km)</td></tr>
<tr><td>Turning radius for easy access</td><td>7.5 Mts</td></tr>
<tr><td>Existing Structure(s)</td><td>No existing structure</td></tr>
<tr><td>Details of the demolition</td><td>Not Applicable</td></tr>
<tr><td>Total Water Requirement</td><td>Dry Season: MMRDA
Fresh water (CMD) & source: 723 from TMC
Recycled water (CMD): 385
Total Water Requirement (CMD): 1108
Fire Fighting : 300 UGT +25 OHT cum
Wet Season: MMRDA
Fresh water (CMD) & source: 723(681 from TMC & 42 from RWH)
Recycled water (CMD): 370
Total Water Requirement (CMD): 1093
Swimming pool make up (CMD):NA
Fire Fighting (CMD): 300 UGT +25 OHT cum
Dry Season: Sale
Fresh water (CMD) & source: 256 from TMC
Recycled water (CMD): 195
Total Water Requirement (CMD): 451
Fire Fighting (CMD): 750 UG+(25+25+25=75 OH cum)
Wet Season: Sale
Fresh water (CMD) & source: 256(184 from TMC & 72 from RWH)
Recycled water (CMD): 159
Total Water Requirement (CMD): 415
Fire Fighting (CMD): 750 UG+(25+25+25=75 OH cum)</td></tr>
<tr><td>Rain Water Harvesting (RWH)</td><td>Level of the ground water table: 4 mt
Size and no of RWH tank(s) and quantity: 2 for sale building (150 Cum each) and 1 for MMRDA building (150 cum)</td></tr>
<tr><td>Strom water drainage</td><td>Natural water drainage pattern: West to East
Quantity of storm water: 460 KLD
Size of SWD: 0.9m X 1.2 m</td></tr>
<tr><td>Sewage & Waste Water</td><td>Sewage generation: MMRDA – 1015 KLD , Sale – 386 KLD
STP Technology: Submerged Aeration Fixed Film Technology
Capacity of STP (CMD): MMRDA – 1025 KLD, Sale – 400 KLD,
Location of the STP: MMRDA – Under Ground Floor, Sale - Basement
DG Set (during Emergency):2 No. of 630 KVA (residential) 1 no. of 1500 KVA (commercial) for Sale, 2 No of 500 KVA for MMRDA</td></tr>
<tr><td>Solid Waste Management</td><td>Waste generation
<table>
<tr><td>Waste</td><td>Quantity</td></tr>
<tr><td>Cement Bags</td><td>8, 50,000 nos.</td></tr>
<tr><td>Paint container & other Barrels</td><td>5000 units</td></tr>
<tr><td>Solid block debris</td><td>525 tonne</td></tr>
<tr><td>Scrap metal generated</td><td>480 tonne</td></tr>
<tr><td>Concrete waste</td><td>1650 tonne</td></tr>
<tr><td>Marble& Granite</td><td>130 tonne</td></tr>
<tr><td>Tiles waste</td><td>7 tonne</td></tr>
</table></td></tr>
</table>

	Glass	0.25 tonne
	Wooden waste	0.50 tonne
	Electrical wires and cables	0.50 tonne
	Pipes	1 tonne
	Waste generation in the operation phase: Dry waste (TPD): MMRDA - 1.4, Sale - 0.8 Wet waste (TPD): MMRDA 1.9, Sale - 0.7 STP sludge (Dry sludge) (Kg/Day): MMRDA 20 Sale - 20 Mode of Disposal of Waste: Dry waste: Will be handed over to TMC for recycling Wet Waste: Will be processed in the Organic Waste Converter. Required amount of manure from OWC will be used for gardening/landscaping and rest will be handed over to vendors STP Sludge (Dry Sludge): Use as a manure	
Green Belt Development	RG area under green belt: RG on the ground (sq.m.): 4,355.69 RG on the podium (sq.m.): 4120.79	
Energy	Power Supply: Maximum demand: 10,523 kw Source: MSEDCL Energy saving by non-conventional method: Energy Conservation Measures: It is proposed to control all Common area lighting with photocell controllers which will switch on /off and dim the lights according to the ambient light conditions. Solar lighting system is being proposed in the Landscaping and the Open paved area. The motors used for the Water supply system, fire pumps, are of the efficiency 85-90 % and the capacitor banks of suitable rating are used in the panel to maintain the power factor @ 0.98 there by the KVA demand reduces. Will be using the energy efficient appliances like T5 lamps. Use of electronic ballasts over conventional copper ballasts, the use of fluorescent lights instead of incandescent ones, the use of high quality reflectors etc., would lead to lower energy consumption. Exterior lighting like façade in common area etc. Which are controlled by astronomical / timer switches to select the time and fittings there by required fittings are switched on at required time to save the power. Details calculations & % of saving: - MMRDA -24 %, Sale - 35% DG Set: Number and capacity of the DG sets to be used: 2 No. of 630 kVA (residential), 1 no. Of 1500 kVA (commercial) for Sale ,2 No of 500 KVA for MMRDA	
Traffic Management	2 common entry/ Exit for sale building and 1 Entry/exist for MMRDA building. Parking Details: Number and area of Basement: Area - 13224.55 sq m & 1 basement each for 3 residential buildings Number and area of podia: Area - 51913.83 sq.m and 4 podiums	

<table>
<tr><td></td><td>each for 3 Sale residential buildings
Total parking area: 40,121.38 sq.m
Area per Car: 32 sq.m.
2-wheelers: 1035
4-wheelers: 1264 Nos.
Width of all Internal roads (m): 6 m wide for MMRDA. And 7.5 m for Sale &</td></tr>
<tr><td>Environmental Management plan Budgetary Allocation</td><td>Construction phase:
Capital cost: 68Lakhs O & M cost : 7 Lakhs
Operation Phase (with Break-up)-
Capital cost: 680 Lakhs O & M cost :72.5 lakhs
<table>
<tr><td></td><td>Setting up Cost (Lakhs)</td><td>Annual O & M Cost (Lakhs)</td></tr>
<tr><td>Total Cost</td><td>680</td><td>72.5</td></tr>
</table></td></tr>
</table>

3. The proposal has been considered by SEIAA in its 55th 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 :-

(i) Restrict construction of the rental housing component up to the plinth level till the final decision on the tenement size is taken by the State Government.

(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. 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) 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.

(iv) "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.

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

(vi) Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. 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.

(vii) 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.

(viii) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.

(ix) 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

(x) 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.

(xi) Arrangement shall be made that waste water and storm water do not get mixed.

(xii) All the topsoil excavated during construction activities should be stored for use in horticulture landscape development within the project site.

(xiii) Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.

(xiv) Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.

(xv) 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.

(xvi) 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.

(xvii) 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.

(xviii) 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.

(xix) 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.

(xx) The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.

(xxi) 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.

(xxii) 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.

(xxiii) 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).

(xxiv) Ready mixed concrete must be used in building construction.

(xxv) The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.

(xxvi) Storm water control and its re-use as per CGWB and BIS standards for various applications.

(xxvii) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.

(xxviii) The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.

(xxix) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.

(xxx) Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.

(xxxi) Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project.

(xxxii) Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.

(xxxiii) 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.

(xxxiv) 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.

(xxxv) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement

(xxxvi) 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.

(xxxvii) Diesel power generating sets proposed as source of back up 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.

(xxxviii) 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.

(xxxix) 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.

(xl) Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement

(xli) The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation

(xlii) 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.

(xliii) 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.

(xliv) Six monthly monitoring reports should be submitted to the Department and MPCB.

(xlv) A complete set of all the documents submitted to Department should be forwarded to the MPCB

(xlvi) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.

(xlvii) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.

(xlviii) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.

(xlix) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at [illegible]

(l) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.

(li) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

(lii) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO_2, NOx (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

(liii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

(liv) The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the 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 for a period of 5 years.

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 , Van Vigyan Bhawan, Sec- 5, R.K. Puram, New Dehli – 110 022, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

(Valsa R Nair Singh)
Secretary, Environment
department & MS, SEIAA

Copy to:

1. Shri. P.M.A Hakeem, IAS (Retd.), Chairman, SEIAA, 'Jugnu' Kottaram Road, Calicut- 673 006 Kerla.

2. Dr. S. Devotta, Chairman, SEAC, T2/302 Sky City, Vanagaram –Ambattur Road, Chennai – 600 095

3. Additional Secretary, MOEF, 'Paryavaran Bhawan' CGO Complex, Lodhi Road, New Delhi – 110510

4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.

5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).

6. Regional Office, MPCB, Thane.

7. Collector, Thane

8. Commissioner, Thane Mumbai Municipal Corporation, Thane.

9. CEO, Slum Rehabilitation Authority, Bandra (Mumbai)

10. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.

11. Director (TC-1), Dy. Secretary (TC-2), Scientist-1, Environment Department.

12. Select file (TC-3).

Consent

From: Consent
Sent: Tuesday, October 10, 2023 12:42 PM
To: srothane1@mpcb.gov.in
Subject: Submission of Post Monitoring Report for the period of April, 2023 – September, 2023 for Rental Housing Scheme Residential & Commercial Project located at Village Majiwade Kapurbawadi, Ghodbandar Road, Thane(West)_by M/s. Kothari Auto Parts
Attachments: PMR_Kothari Auto Parts Manufacturers Pvt. Ltd._Apr,23-Sept,23.pdf

To,
The SRO THANE-I,
M.P.C.Board,
Thane.
Maharashtra.

Subject : **Submission of Post Monitoring Report for the period of April, 2023 – September, 2023 for Rental Housing Scheme Residential & Commercial Project located at plot bearing 141/1,2,3; 144;145/1,2,4; 148/1,2,3; 412/2& 141/2 at Village Majiwade Kapurbawadi, Ghodbandar Road, Thane(West), Maharashtra.**
Reference: **Clearance letter No. SEAC-2011/CR-932/TC-2 dtd.04.02.2013.**

Dear Sir,
This is with reference to the above subject. We are submitting the half yearly, post monitoring report for period of April, 2023 – September, 2023. We are submitting relevant documents needed as follows:

1. Data Sheet.
2. EC compliance Report.
3. Post Environment Monitoring Report.
4. Energy Conservation Measures.
5. EC letter.
6. Copy of consent to Establish.
7. Copy of Newspaper Advertisement (English & Marathi).

Hope the above are in line with your requirement and kindly acknowledge the receipt.

Thanking you,

Yours faithfully,
M/s. Kothari Auto Parts Manufacturers Pvt. Ltd.,

C.C. to : - 1. The Director, MoEF&CC, Nagpur
2. The Secretary, Environment Department, Mantralaya, Mumbai

Thanks & Regards
Dwirukti Poddar
M/s. Enviro Analysts and Engineers Private Limited.
B-1003,Enviro House,10th floor.

Western Edge-II,W.E Highway.
Borivali(E),Mumbai-400066
Mobile No: 9322086202
Tel No:91-22 2854 1647/48/49/67/68
Email: consent@eaepl.com
"File this email in an email folder and save a tree."

Consent

From: Consent
Sent: Tuesday, October 10, 2023 12:42 PM
To: eccompliance
Subject: Submission of Post Monitoring Report for the period of April, 2023 – September, 2023 for Rental Housing Scheme Residential & Commercial Project located at Village Majiwade Kapurbawadi, Ghodbandar Road, Thane(West)_by M/s. Kothari Auto Parts
Attachments: PMR_Kothari Auto Parts Manufacturers Pvt. Ltd._Apr,23-Sept,23.pdf

To,
The Director
Ministry of Environment, Forests & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur - 440001.
Maharashtra.

Subject : **Submission of Post Monitoring Report for the period of April, 2023 – September, 2023 for Rental Housing Scheme Residential & Commercial Project located at plot bearing 141/1,2,3; 144;145/1,2,4; 148/1,2,3; 412/2& 141/2 at Village Majiwade Kapurbawadi, Ghodbandar Road, Thane(West), Maharashtra.**
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M/s. Kothari Auto Parts Manufacturers Pvt. Ltd.,

C.C. to : - The Secretary, Environment Department, Mantralaya, Mumbai.
- The M.S., MPCB, Sion, Mumbai.

enviro

Thanks & Regards
Dwirukti Poddar

M/s. Enviro Analysts and Engineers Private Limited.
B-1003,Enviro House,10th floor.
Western Edge-II,W.E Highway.
Borivali(E),Mumbai-400066
Mobile No: 9322086202
Tel No:91-22 2854 1647/48/49/67/68
Email: consent@eaepl.com
"File this email in an email folder and save a tree."

Rajesh LifeSpaces
Crafting spaces, creating legacies

Kothari Auto Parts Manufacturers Private Limited

Date:10.10.2023

To,
The Director
Ministry of Environment, Forests & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur - 440001.
Maharashtra.

Subject : **Submission of Post Monitoring Report for the period of April, 2023 – September, 2023 for Rental Housing Scheme Residential & Commercial Project located at plot bearing 141/1,2,3; 144;145/1,2,4; 148/1,2,3; 412/2& 141/2 at Village Majiwade Kapurbawadi, Ghodbandar Road, Thane(West), Maharashtra.**

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Yours faithfully,
M/s. Kothari Auto Parts Manufacturers Pvt. Ltd.,

Authorized Signatory

C.C. to : - The Secretary, Environment Department, Mantralaya, Mumbai.

- The M.S., MPCB, Sion, Mumbai.

R. B. House, M.I.D.C. Cross Road 'B', Off Andheri Kurla Road, J. B. Nagar Jn., Andheri (E), Mumbai 400 059
+91-22-6735 9900 +91-22-6735 9911 info@rajeshlifespaces.com www.rajeshlifespaces.com
139, Seksaria Chambers, 2nd Floor, N. M. Road, Fort, Mumbai 400 023
CIN No.: U34100MH1959PTC011267

Rajesh LifeSpaces
Crafting spaces, creating legacies

Kothari Auto Parts Manufacturers Private Limited

Date: 10.10.2023

To,
The Director
Ministry of Environment, Forests & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur - 440001.
Maharashtra.

Subject: Present status of Project work for the period of April, 2023 – September, 2023.

Reference: Clearance letter No. SEAC-2011/CR-932/TC-2 dtd.04.02.2013.

Dear Sir,
This is with reference to the above subject, for Rental Housing Scheme Residential & Commercial Project located at plot bearing 141/1,2,3; 144;145/1,2,4;146/2,3,4; 148/1,2,3; 412/2& 141/2 at Village Majiwade Kapurbawadi, Ghodbandar Road, Thane (West), Maharashtra.

The present project status at site is as follows:

Building	Wings	Floors	Status
MMRDA	1	Stilt(pt)+Ground(pt)+1st to 22nd +23rd (pt) Floor	Constructed
Free Sale Building no 2	C	Basement+Ground+P1+P2+Upper stilt+1st to 28th Floor	Constructed
	D	Basement+Ground+P1+P2+U.Stilt+1st to 28th Floor	Constructed
Commercial	-	Basement+Ground+1 Mezzanine floor+2 floors	Constructed

Thanking you,

Yours faithfully,

M/s. Kothari Auto Parts Manufacturers Pvt. Ltd.,

(Previously known as M/s. Rajesh Builders)

Authorized Signatory

Date: 10.10.2023

R. B. House, M.I.D.C. Cross Road 'B', Off Andheri Kurla Road, J. B. Nagar Jn., Andheri (E), Mumbai 400 059
+91-22-6735 9900 +91-22-6735 9911 info@rajeshlifespaces.com www.rajeshlifespaces.com
139, Seksaria Chambers, 2nd Floor, N. M. Road, Fort, Mumbai 400 023
CIN No.: U34100MH1959PTC011267

DATA

SHEET

Developer

M/S. RAJESH BUILDERS.,

Plot bearing 141/1, 2, 3; 144; 145/1, 2, 4;
148/1, 2, 3; 412/2 & 141/2
Village Majiwade Kapurbawadi,
Ghodbandar Road,
Thane(West).

MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS

Ministry of Environmental and Forests

Regional Office, West Central Zone, Nagpur.

Monitoring Report

PART – I

DATA SHEET

1.	Project type: river - valley/ mining/ Industry / thermal / nuclear/ Other (specify)	Residential Cum Commercial Project
2.	Name of the project	Rental Housing Scheme
3.	Clearance letter (s) / OM/ no and date:	File No. : SEAC-2011/CR.932/TC.2 Dtd. 04.02.2013.
4.	Location	CTS No. 141/1,2,3; 144; 145/1,2,4, 148/1,2,3, 412/2 & 141/2 Village Majiwade Kapurbawadi, Ghodbandar Road, Thane (West).
a.	District (s)	Mumbai.
b.	State (s)	Maharashtra.
5.	Address for correspondence	
a.	Address of concerned project Chief Engineer (with pin code & telephone / telex / fax numbers)	Mr. Hriday Jha (Mobile=9322897367) Raj Tattva, Majiwade, Kapurbawdi, Near Cine Wonder Mall, Ghodbundar Road, Thane (West)- 400 601.
b.	Address of Executive Project Engineer /Manager (with pin code / fax number)	M/s. Kothari Auto Parts Manufactures Pvt. Ltd. Andheri (E).
6.	Salient features	
a.	of the project	FSI Area: 1,06,135.21 sq.m. Non-FSI Area: 1,29,739.31 sq.m. Total Construction Area: 2,35,874.52 sq.m.
b.	of the environmental management plans	1. *Sewage Treatment Plant:* Sewage Treatment Plant with capacity of 1015 KLD for MMRDA and 386 KLD for sale building will be provided for treating the wastewater. Recycled wastewater will be used for Flushing,

		gardening etc. 2. *Water Management:* Rain Water Harvesting shall be provided to recharge the ground water table. 3. *Solid Waste Management:* Dry Waste: Will be handed over to TMC for recycling. Wet Waste: Will be processed in the Organic Waste Converter. STP Sludge: Use as manure.
7.	Break Up Of the project Area	
a.	Submerge area : forest & :non-forest	Non Forest
b.	Others	FSI Area: 1,06,135.21 sq.m. Non-FSI Area: 1,29,739.31 sq.m. Total Construction Area: 2,35,874.52 sq.m.
8.	Break up of the project affected: population with enumeration of those losing houses / dwelling units, only agriculture land only, both dwelling units and agriculture land and landless labourers / artisan	Not Applicable.
a.	SC, ST / Adivasis	---
b.	Others	---
	(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details and years of survey)	
9.	Financial details	
a.	Project cost as originally planned and subsequent revised estimates and the year of price reference	Total cost: 475.44 Crores.
b.	Allocation made for environmental management plans with item wise and year wise break-up	Capital EMP Cost : 168 Capital Cost: 680 lakhs O & M Cost: 72.5 Lakhs

c.	Benefit cost ratio/ Internal rate of return and the year of assessment	---
d.	Whether (c) includes the cost of environmental management as shown in the above	---
e.	Actual expenditure incurred on the project so far	Rs. 58,274,900/-
f.	Actual expenditure incurred on the environmental management plans so far	Rs. 40,500/-
10.	Forest land required	
a.	The status of approval for diversion of forest land for non-forestry use	The land is of non-forest type hence not applicable.
b.	The status of clearing and felling	R.G. Area on ground: 4,355.69 Sq. mt. R.G. Area on ground: 4,120.79 Sq. mt. A combination of native evergreen trees and ornamental flowering trees, shrubs are planned in the complex. There will be tree retention, plantation & Landscaping. Different species will be selected as per CPCB green belt guidelines and common species available in the proposed area.
c.	The status of compensatory afforestation, if any	---
d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	N.A.
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information	N.A.
12.	Status of construction	
a.	Date of commencement (Actual and/or planned)	
b.	Date of completion (Actual and/ of planned)	31.12.2022.

13.	Reasons for the delay if the project is yet to start	---
14.	Dates of site visits	
a.	The date on which the project was monitored by the regional office on previous occasions, if any	Not yet monitored.
b.	Date of site visit for this monitoring report	08.05.2023, 21.09.2023.
15.	Details of correspondence with project authorities for obtaining action plans/ information on status on compliance to safeguards other than the routine letters for logistic support for site visits.	File No. : SEAC-2011/CR-932/TC-2 Dtd. 04.02.2013 M/s. Rajesh Developers. Village Majiwade, Kapurbawadi, Ghodbander Road, Thane (W).
	(The first monitoring report may contain the details of all the letters issued so far, but the later reports may cover only the letters issued (subsequently)	

COMPLIANCE

REPORT

Developer

M/S. RAJESH BUILDERS.,

Plot bearing 141/1, 2, 3; 144; 145/1, 2, 4;
148/1, 2, 3; 412/2 & 141/2
Village Majiwade Kapurbawadi,
Ghodbandar Road,
Thane(West).

COMPLIANCE REPORT

TERMS & CONDITIONS:

1.	Restrict construction of the rental housing component up to the plinth level till the final decision on the tenement size taken by the State Government.	Condition is noted.
2.	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 if any. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Environmental Impact Assessment Authority (SEIAA) approved the proposed land use.	PP has submitted exactly the same plans appraised by SEAC-2 and SEIAA.
3.	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 before approving layout plan & before according commencement certificate to proposed work. ULB should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	As per the Local authority scheme. The development will be as per the local planning authority norms.
4.	"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.	Obtained Consent to Establish to MPCB. Format 1.0/BO/CAC-cell/RO-TN/EIC-TN-4787-13/E/CAC-846 dtd. 28.01.2014
5.	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Proper care regarding sanitary and hygienic measures shall be taken by providing toilets which will be maintained throughout the construction.

6.	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. No physical occupation or allotment will be given unless all above said environment infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.	Occupation will be given only after receiving necessary permissions and completion of the STP, MSW disposal facility and management, and green belt development. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed.
7.	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.	The housing provision for the construction labour within the site with all necessary infrastructure and facilities such as cooking facility, toilets, safe drinking water, medical health care, etc. is made.
8.	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Adequate drinking water facility is provided for the workers at the site during construction phase. Toilets are provided for construction workers. Bins will be provided to dispose the municipal solid waste generated from labor camps.
9.	The solid waste generated should be properly collected and segregated. Dry/ inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	The solid waste generated should be properly collected and segregated. Biodegradable waste to be processed in OWC and manure so obtained will be used for landscaping. Non-biodegradable Waste managed through recyclers.
10.	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.	Wet garbage shall be processed in Mechanical composter and manure obtained shall be used in landscaping. Wet waste shall not be disposed off without treatment and will be disposed outside the premises
11.	Arrangement shall be made that waste water and storm water do not get mixed.	Separate confined sewage system has been proposed which is connected to STP for the treatment and reuse of the treated water. Excess treated water shall be disposed off into the sewer drain. Strom water drain shall be in covered drain system and will be connected to municipal drain.

12.	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Excavated topsoil is used for landscaping. Rest is used for backfilling.
13.	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	There is no need of importing any soil from outside.
14.	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/Agriculture Dept.	The green area will be: R.G. Area on ground: 4,355.69 Sq. mt. R.G. Area on ground: 4,120.79 Sq. mt. • A combination of native evergreen trees and ornamental flowering trees, shrubs and palms are planned in the complex. • Plantation Details: Species will be selected as per CPCB greenbelt guidelines and common species available in the proposed area.
15.	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 aspect of people, only in approvals of the Maharashtra Pollution Control Board.	All construction waste gets collected and segregated properly. Most of that is reused for the construction activity. Muck will be dried before its final disposal.
16.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Soil testing was done and according to the reports all the parameters are within the prescribed norms.
17.	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.	Condition noted.
18.	Any hazardous waste generator during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra pollution Control Board.	Used oil would be generated from the site, will be disposed through Authorized vendor of MPCB.

19.	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	DG set is used for backup during construction phase. These are environment friendly make and provided with acoustic enclosure to avoid noise emission.
20.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken	Use in emergency. Necessary permission of competent authority has taken to store diesel in the premises for operation of DG set.
21.	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.	The PUC checked/authorized vehicles are allowed on the site for transfer of material.
22.	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.	Following care are taken regarding noise levels with conformation to the residential area. 1.Use of well-maintained equipment fitted with silencers. 2. Noise shields near the heavy construction operations are provided. 3. Construction activities are limited to daytime hours only. Also use of Personal Protective Equipment (PPE) like ear muffs and ear plug during construction activities. The ambient air and noise report is enclosed herewith. The report indicates that the same are within the prescribed norms defined by the concern authority.
23.	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).	Yes, Ready mixed concrete added with fly ash is used in the construction.
24.	Ready mixed concrete must be used in building construction.	Yes, Ready mixed concrete added with fly ash is used in the construction.

25.	The approval of competent authority shall be obtained for structural safety of the building due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.	Condition noted.
26.	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Rainwater harvesting tanks are provided. Level of the ground water table: 4 mt. Size and no of RWH tank(s) and quantity: 2 for sale building (150 Cum each) and 1 for MMRDA building (150cum).
27.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Ready mix concrete is being used to reduce water demand during construction.
28.	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	There is no extraction of ground water in this project. The ground water levels and its quality are checked before commencement of the project. The copy of the same is enclosed herewith.
29.	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled / refused to the maximum extent possible. Treatment of 100% gray water by decentralized treatment should be done. Discharge of unused treated affluent shall conform to the norms and standards of the Maharashtra Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP.	STP shall be provided to treat the waste water with capacity 1015 KLD for MMRDA and 386 KLD. Construction and installation of STP is carried out by expert consultant. Discharge of unused treated water is as per the norms and standards.
30.	Local Body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	Condition is noted.
31.	Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project.	We are not drawing any water from ground. We are using only Tanker water for construction.
32.	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	Yes, water is separated by the use of dual plumbing line.

33.	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.	Adequate measures have taken into consideration to minimize the wastage of water.
34.	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.	Glazing area will be maintained around 25% of the façade area for the residential buildings.
35.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement	• Roof insulation 50 mm expanded polystyrene or equivalent insulation. • Heat reflective double glazed glass provided on external façade for the residential buildings.
36.	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.	• It is proposed to control all common area lighting with photocell controllers which will switch on/off and dim the lights according to the ambient light condition. • Solar lighting system is being proposed in the Landscaping and the Open paved area. • The motors used for the Water supply system, fire pumps, are of the efficiency 85-90% and the capacitor banks of suitable rating are used in the panel to maintain the power factor @ 0.98 there by the KVA demand reduces. • Will be using the energy efficient appliances like T5 lamps. • Use of electronic ballasts over conventional copper ballasts, the use fluorescent light instead of incandescent ones, the use of high quality reflectors etc., would lead to lower energy consumption. • Exterior lighting like façade in common area etc. Which are controlled by astronomical/timer switches to select the time and fittings there by required fittings are switched on at required time to save the power.

37.	Diesel power generating sets proposed as sources 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 GD sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	Yes, we noted the condition and agreeable the same.
38.	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.	• Construction equipment's producing the most amount of noise is fitted with noise shields. These shields are a physical barrier (composed of brick and mud, with a non-reflective internal plastering) approx. 3 mtrs. In height which will provide adequate noise attenuation. • Noisy construction equipment's are not be permitted during night hours. • Works employed in high noise area are rotated. Earplugs/muffs or other hearing protective wear are provided to those working very close to the noise generating machinery. • Anti-honking sign boards are placed in the parking areas and on entry and exit points.
39.	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.	We will comply with this condition. Adequate measures have been proposed to manage the traffic within and outside the site. A main entry point will be provided. The vehicular traffic movement within the facility will be such that it will not disturb the landscaped area and organized spaces. Entry and Exit will be provided to ensure that no disturbance caused o the site traffic. Roads of sufficient width will be provided. Internal roads width will be 6m wide and 7.5 m.

40.	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Efforts for the Opaque wall will meet prescriptive requirement as per draft Energy Conservation Building Code by use of appropriate thermal insulation material to fulfill requirement.
41.	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	The building has adequate distance to allow movement of fresh air and natural light, Ventilation.
42.	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.	Regular supervision done by our site engineer to take care of the construction activity and of the surroundings.
43.	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.	Environmental Clearance is already obtained. Applied for Consent to Establish.
44.	Six monthly monitoring reports should be submitted to the department and MPCB.	Six monthly reports are submitted regularly to concerned department and MPCB.
45.	A complete set of all the documents submitted to Department should be forwarded to the MPCB	Complete set of all the documents submitted to the MPCB.
46.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	Condition is noted.
47.	A separate environment management cell with qualified staff shall be set up for implantation of the stipulated environmental safeguards.	Separate environment management cell with qualified staff is formed and implementing the same.
48.	Separate funds shall be allocated for implementation of environmental protection measures/ EMP along with item-wise breaks- up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB and this department.	EMP cost has been worked out and allocated for all air pollution devices and other facilities.

49.	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http:ec.maharashtra.gov.in.	Condition is noted.
50.	Project management should submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the MPCB and this department, on 1st June and 1st December of each calendar year.	We are regularly submitting six monthly reports to Nagpur, Mantralaya & MPCB.
51.	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	The PP comply the condition.
52.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels mainly; SPM, RSPM, SO_2, NOx (ambient levels as well as stack emissions) or critical sectorai 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.	Regular monitoring is been carried out and the results of the same are submitted to concern authority along with the report.
53.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Six monthly compliance reports are submitted to the Environment Department, Mantralaya & MPCB.

54.	The environmental statement for each financial year ending 31st March in Form – V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Yes, we noted the condition and agreeable the same.
55.	The environmental Clearance is being issued without prejudice to the 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 of the Hon`ble court will be binding on the project proponent. Hence this clearance doesn't not give immunity to the project proponent in the case filed against him.	Yes, we noted the condition and agreeable the same.
56.	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.	Yes, we noted the condition and agreeable the same.
57.	The Environment department reserves the right to add any stringent condition or to revoke the clearance of conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	Yes, we noted the condition and agreeable the same.
58.	Validity of Environmental Clearance: The environmental clearance accorded shall be valid for the period of 5 years.	Condition is noted and the PP will validate it once it expires.
59.	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.	The PP agrees to comply the condition.

60.	The above stipulations would be enforced among others under the Water (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.	Condition is noted.
61.	Any appeal against this environmental clearance shall lie with the National Environmental Appellate Authority, if preferred, within 30 days as prescribed under Section 11 of the National Environmental Appellate Act, 1997.	The PP agrees to comply the condition.

ENERGY

CONSERVATION

MEASURES

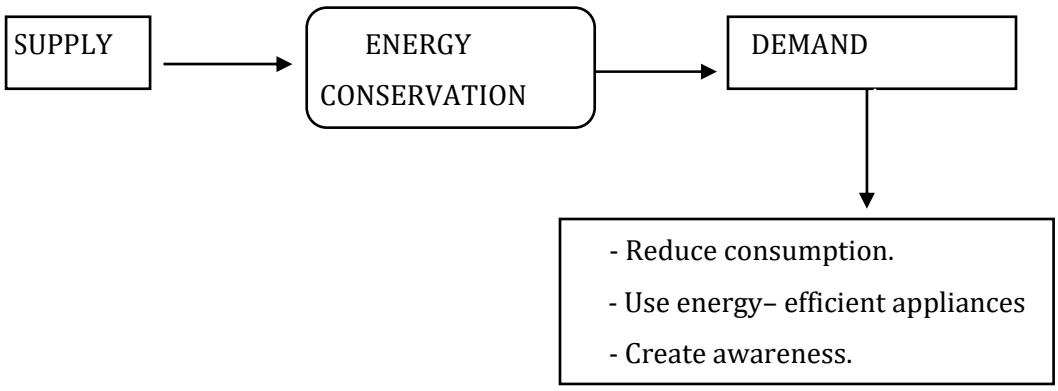
Developer

M/S. RAJESH BUILDERS.,

Plot bearing 141/1, 2, 3; 144; 145/1, 2, 4;
148/1, 2, 3; 412/2 & 141/2
Village Majiwade Kapurbawadi,
Ghodbandar Road,
Thane(West).

ENERGY CONSERVATION MEASURES

Energy conservation program will be implemented through measures taken both on energy demand and supply. It will be one of the focuses during the complex planning and operation stages.



The energy conservation efforts would consist of the following:

- It is proposed to control all common area lighting with photocell controllers which will switch on/off and dim the lights according to the ambient light condition.
- Solar lighting system is being proposed in the Landscaping and the Open paved area.
- The motors used for the Water supply system, fire pumps, are of the efficiency 85-90% and the capacitor banks of suitable rating are used in the panel to maintain the power factor @ 098 there by the KVA demand reduces.
- Will be using the energy efficient appliances like T5 lamps.
- Use of electronic ballasts over conventional copper ballasts, the use fluorescent light instead of incandescent ones, the use of high quality reflectors etc., would lead to lower energy consumption.
- Exterior lighting like façade in common area etc. Which are controlled by astronomical/timer switches to select the time and fittings there by required fittings are switched on at required time to save the power.

POST MONITORING ENVIRONMENTAL STATUS REPORT

OF

RENTAL HOUSING SCHEME
RESIDENTIAL CUM COMMERCIAL PROJECT
"Raj Tattva"

For

April, 2023 - September, 2023

Developer

M/S. RAJESH BUILDERS.,

Plot bearing 141/1, 2, 3; 144; 145/1, 2, 4;
148/1, 2, 3; 412/2 & 141/2
Village Majiwade Kapurbawadi,
Ghodbandar Road,
Thane(West).

Prepared by

ENVIRO ANALYSTS & ENGINEERS P. LTD.,

ENVIRO ANALYSTS & ENGINEERS PVT. LTD.
(NABET, NABL Accredited and MoEFCC Approved)
CIN No-U28900MH1995PTC093129 | GST No-27AAACE6597R1ZP
B-1003,Enviro House,10th Flr, Western Edge II, W.E. Highway, Borivali (E), Mumbai-400066

Water Sample Analysis Report

Report No. - EAEPL/W/05/23/00613B			**Report Date –16.05.2023**
Name of Customer	**M/S. Rajesh Builders**		**Reference** – Verbal
Site Address	Plot bearing 141/1,2,3;144;145/1,2,4;146/2,3,4;148/1,2,3;412/2 & 141/2 at Village Majiwade Kapurbawadi, Ghodbunder Road, Thane (W)		
Nature and Description of Sample	TMC Water	**Sample Collected by**	EAEPL Laboratory
Sampling Locations and Sample Code	EAEPL/W/05/23/00613B (Near Gate No. 4 site)	**Sample Quantity and Packing**	2 L X 1 No. PVC Can.
		Sample Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	08.05.2023	**Date of Receipt**	09.05.2023
Sampling Procedure	EAEPL/LAB/SOP/02		
Period of Analysis	09.05.2023 to 16.05.2023		
Report for the month	May, 2023		

Discipline: Chemical **Group: Water**

Parameters	Unit	Results	IS 10500:2012 Limits		Method
			Acceptable limits	Permissible Limits	
pH	-	7.63	6.5-8.5	No relaxation	IS 3025 (Part 11) 2022
Total Dissolved Solids	mg / l	90.00	500	2000	IS 3025 (Part 16) 1984 Reaffirmed 2017
Turbidity	NTU	< 1.00	1	5	IS 3025 (Part 10) 1984 Reaffirmed 2017
Alkalinity	mg / l	51.25	200	600	IS 3025 (Part 23) 1986 Reaffirmed 2019
Chlorides as Cl	mg / l	12.42	250	1000	IS 3025 (Part 32) 1988 Reaffirmed 2019
Total Hardness	mg / l	55.98	200	600	IS 3025 (Part 21) 2009 Reaffirmed 2019
Calcium	mg / l	12.83	75	200	IS 3025 (Part 40) 1991 Reaffirmed 2019
Residual chlorine	mg / l	ND	0.20	1	IS 3025 (Part 26) 2021
Sulphate	mg / l	11.18	200	400	IS 3025 (Part 24) Sec1:2022
Nitrate	mg / l	ND	45	No relaxation	APHA 4500 NO_3-B (23rd Edition)
Fluoride	mg / l	ND	1	1.5	APHA 4500 F-D (23rd Edition)
Heavy Metals:					
Iron (Fe)	mg / l	ND	0.3	No relaxation	IS 3025 (Part 2) 2019
Copper (Cu)	mg / l	ND	0.05	1.5	IS 3025 (Part 2) 2019
Zinc (Zn)	mg / l	ND	5	15	IS 3025 (Part 2) 2019
Lead (Pb)	mg / l	ND	0.01	No relaxation	IS 3025 (Part 2) 2019
Chromium (Cr)	mg / l	ND	0.05	No relaxation	IS 3025 (Part 2) 2019

Note: ND – Not Detected

Remark: The above analysed sample conforms as per IS 10500:2012 specifications

----------End----------

For M/S. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory
(Shilpa Dhamankar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
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B-1003,Enviro House,10th Flr, Western Edge II, W.E. Highway, Borivali (E), Mumbai-400066

Water Sample Analysis Report

Report No. - EAEPL/W/05/23/00613B			**Report Date –16.05.2023**
Name of Customer	**M/S. Rajesh Builders**		**Reference –** Verbal
Site Address	Plot bearing 141/1,2,3;144;145/1,2,4;146/2,3,4;148/1,2,3;412/2 & 141/2 at Village Majiwade Kapurbawadi, Ghodbunder Road, Thane (W)		
Nature and Description of Sample	TMC Water	**Sample Collected by**	EAEPL Laboratory
Sampling Locations and Sample Code	EAEPL/W/05/23/00613B (Near Gate No. 4 site)	**Sample Quantity and Packing**	500 ml X 1 No. St. PP. bottle.
		Sample Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	08.05.2023	**Date of Receipt**	09.05.2023
Sampling Procedure	EAEPL/LAB/MB/SOP/17		
Period of Analysis	09.05.2023 to 13.05.2023		
Report for the month	May, 2023		

Discipline: Biological **Group: Water**

Parameters	Unit	Results	IS 10500:2012 Limits Requirements	Method
Microbiological Analysis:				
Coliforms	/100ml	Absent	Shall not be detectable in any 100ml sample	IS 15185:2016 (Reaffirmed 2021)
E. coli	/100ml	Absent	Shall not be detectable in any 100ml sample	IS 15185:2016 (Reaffirmed 2021)

Remark: The above analysed sample conforms as per IS 10500:2012 specifications

----------End----------

For M/S. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory
(Shweta Sonawane)

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Ambient Air Quality Monitoring Report

Report No. - EAEPL/A/05/23/00613A			**Report Date - 16.05.2023**
Name of Customer	**M/S. Rajesh Builders**		**Reference –** Verbal
Site Address	Plot bearing 141/1,2,3;144;145/1,2,4;146/2,3,4;148/1,2,3;412/2 & 141/2 at Village Majiwade Kapurbawadi, Ghodbunder Road, Thane (W)		
Nature and Description of Sample	Ambient Air	**Sample Collected by**	EAEPL Laboratory
Sampling Locations and Sample Code	EAEPL/A/05/23/00613A (Near Main Gate of Site)	**Sample Quantity and Packing**	PM_{10} = 1 * 1 No. Filter paper. $PM_{2.5}$ = 1 * 1 No. Filter paper SOx = 30ml * 2 No. PVC bottle. NOx = 30ml * 2 No. PVC bottle.
		Sample Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	08.05.2023	**Date of Receipt**	09.05.2023
Sampling Procedure	EAEPL/LAB/SOP/01		
Period of Analysis	09.05.2023 to 16.05.2023		
Report for the month	May, 2023		

Discipline: Chemical **Group: Atmospheric Pollution**

Environmental Conditions		
Ambient Air Temperature (°C)	**Relative Humidity (%)**	**Duration of Monitoring**
33.00	62.00	8 Hours

RESULTS

Tests Parameter	Results	NAAQS LIMITS	METHOD
R.S.P.M (PM_{10}) (µg/m³)	82.58	100 µg/m³	IS 5182 (Part 23) 2006 Reaffirmed 2017
R.S.P.M ($PM_{2.5}$) (µg/m³)	42.49	60 µg/m³	IS 5182 (Part 24) 2019
SO_2 (µg/m³)	23.60	80 µg/m³	IS 5182 (Part 2) 2001 Reaffirmed 2017
NOx (µg/m³)	25.14	80 µg/m³	IS 5182 (Part 6) 2006 Reaffirmed 2017

Remark: All the measured values are within NAAQS limits.

----------**End**----------

For M/S. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Nawa

Authorized Signatory
(Netra Pawar)

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B-1003,Enviro House,10th Flr, Western Edge II, W.E. Highway, Borivali (E), Mumbai-400066

Ambient Noise Level Monitoring Report

Report No. - EAEPL/N/05/23/00613D			**Report Date - 16.05.2023**
Name of Customer	**M/S. Rajesh Builders**		**Reference –** Verbal
Site Address	Plot bearing 141/1,2,3;144;145/1,2,4;146/2,3,4;148/1,2,3;412/2 & 141/2 at Village Majiwade Kapurbawadi, Ghodbunder Road, Thane (W)		
Nature and Description of Sample	Noise	**Sample Collected by**	EAEPL Laboratory
Sampling Locations and Sample Code	EAEPL/N/05/23/00613D	**Sample Quantity and Packing**	Not Applicable
Date of Sampling	08.05.2023	**Date of Receipt**	Not Applicable
Sampling Procedure	EAEPL/LAB/SOP/04		
Period of Analysis	Not Applicable		
Report for the month	May, 2023		

Discipline: Chemical **Group: Atmospheric Pollution**

Monitoring Locations	Units	Results		CPCB Norms	
		Day Time	Night Time	Day	Night
Near Main Gate of site	dB(A) Leq.	53.7	42.6	55	45
Near Centre side of site	dB(A) Leq.	52.5	42.9	55	45
Near Backside of site	dB(A) Leq.	54.6	42.2	55	45
Near Site Office	dB(A) Leq.	54.7	44.3	55	45

Remark: The noise level was observed to be within CPCB limits at all of the locations.

----------End----------

For M/S. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

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B-1003,Enviro House,10th Flr, Western Edge II, W.E. Highway, Borivali (E), Mumbai-400066

Soil Sample Analysis Report

Report No- EAEPL/S/05/23/00613C			**Report Date - 16.05.2023**
Name of Customer	**M/S. Rajesh Builders**		**Reference –** Verbal
Site Address	Plot bearing 141/1,2,3;144;145/1,2,4;146/2,3,4;148/1,2,3;412/2 & 141/2 at Village Majiwade Kapurbawadi, Ghodbunder Road, Thane (W)		
Nature and Description of Sample	Soil	**Sample Collected by**	EAEPL Laboratory
Sampling Locations and Sample Code	EAEPL/S/05/23/00613C (Near Main Gate of the Site)	**Sample Quantity and Packing**	500 gm X 1 zip lock bag
		Sample Preservation	Transported & stored in dry area
Date of Sampling	08.05.2023	**Date of Receipt**	09.05.2023
Sampling Procedure	EAEPL/LAB/SOP/03		
Period of Analysis	09.05.2023 to 16.05.2023		
Report for the month	May, 2023		

Discipline: Chemical **Group: Soil & Rock**

Parameters	Unit	Results	Methods
pH	-	7.42	IS 2720 (Part 26):1987, Reaffirmed:2021
Electrical Conductivity	µS/cm	436.00	IS 14767:2000, Reaffirmed:2021
Organic Matter	%	2.35	IS 2720 (Part 22) – 1972 (Reaffirmed 2020)
Total Kjeldhal Nitrogen	mg/kg	713.98	IS 14684:1999 (Reaffirmed 2019)
Soil Moisture	%	17.67	IS 2720 (Part 02):1973 (Reaffirmed 2020) Oven drying method
Water Holding Capacity	%	28.29	EAEPL/LAB/SOP/SOIL/10
Available Phosphorus	mg/kg	1.67	EAEPL/LAB/SOP/SOIL/11
Calcium	mg/kg	2354.40	EPA 9080
Magnesium	mg/kg	317.84	EPA 9080
Chlorides	mg/kg	142.87	EAEPL/LAB/SOP/SOIL/03
Sulphate	mg/kg	31.64	IS 2720 (Part 27):1977 Reaffirmed 2020
Potassium	mg/kg	887.14	EPA 3050B
Sodium	mg/kg	578.57	EPA 3050B
Heavy Metals:			
Copper	mg/kg	146.57	EPA 3050B
Iron	mg/kg	75124.36	EPA 3050B
Lead	mg/kg	12.38	EPA 3050B
Zinc	mg/kg	128.06	EPA 3050B

----------End----------

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory
(Netra Pawar)

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B-1003,Enviro House,10th Flr, Western Edge II, W.E. Highway, Borivali (E), Mumbai-400066

Stack Emission Analysis Report

Report No. - EAEPL/SE/05/23/00613E			**Report Date –16.05.2023**
Name of Customer	**M/S. Rajesh Builders**		**Reference –** Verbal
Site Address	Plot bearing 141/1,2,3;144;145/1,2,4;146/2,3,4;148/1,2,3;412/2 & 141/2 at Village Majiwade Kapurbawadi, Ghodbunder Road, Thane (W)		
Nature and Description of Sample	Stack	**Sample Collected by**	EAEPL Laboratory.
Sampling locations and Sample Code	DG Set (160 KVA) **EAEPL/SE/05/23/00613E**	**Sample quantity and packing**	30 ml X 1 No. PVC bottle. TPM = 1 X 1 No. Thimble
		Preservation	Cool -Transported and stored at 5 °C (± 1°C)
Date of Sampling	08.05.2023	**Date of Receipt**	09.05.2023
Sampling Procedure	Indian Standard Method for measurement of emissions from stationary sources, 11255 (Part-1 & 2)		
Period of Analysis	09.05.2023 to 10.05.2023		
Report for the month	May, 2023		

Discipline: Chemical **Group: Atmospheric Pollution**

Sr. No.	Particulars	Results	Limits	
1	Stack attached to	DG Stack	-	-
2	Temp. of Flue Gas	123°C	-	-
3	Flue Gas Velocity	16.32 m/sec	-	-
4	Total Particulate Matter (TPM)	13.84 mg/Nm^3	150 mg/Nm^3	IS 11255 (Part 1) 1985 Reaffirmed 2019
5	Sulphur Dioxide (SO_2)	4.42 kg/day	5.00 kg/day	IS 11255 (Part 2) 1985 Reaffirmed 2019

----------End----------

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory
(Netra Pawar)

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ENVIRO ANALYSTS & ENGINEERS PVT. LTD.
(NABET & NABL Accredited)
CIN No-U28900MH1995PTC093129 | GST NO- 27AAACE6597R1ZP
Mira Road (Lab): Row House No.2, Shalom Garden, Opp. Kanakia College, Mira Road (E), Thane-401107
TC-11189

Water Sample Analysis Report

Report No. - EAEPL/W/09/23/01481			**Report Date –29.09.2023**
ULR Number: TC1118923000001199F			
Name of Customer	**M/S. Rajesh Builders**		**Reference** – Work Order # 7000189225
Site Address	Plot bearing 141/1,2,3;144;145/1,2,4;146/2,3,4;148/1,2,3;412/2 & 141/2 at Village Majiwade Kapurbawadi, Ghodbunder Road, Thane (W)		
Nature and Description of Sample	TMC Water	**Sample Collected by**	EAEPL Laboratory
Sampling Locations and Sample Code	EAEPL/W/09/23/01481 (Near Gate No. 4 site)	**Sample Quantity and Packing**	2 L X 1 No. PVC Can.
		Sample Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	21.09.2023	**Date of Receipt**	22.09.2023
Sampling Procedure	EAEPL/LAB/SOP/02		
Period of Analysis	22.09.2023 to 29.09.2023		
Report for the month	September, 2023		

Discipline: Chemical **Group: Water**

Parameters	Unit	Results	IS 10500:2012 Limits		Method
			Acceptable limits	Permissible Limits	
pH	-	6.93	6.5-8.5	No relaxation	IS 3025 (Part 11) 2022
Total Dissolved Solids	mg / l	78.00	500	2000	IS 3025 (Part 16) 2023
Turbidity	NTU	< 1.00	1	5	IS 3025 (Part 10) 2023
Alkalinity	mg / l	14.48	200	600	IS 3025 (Part 23) 2023
Chlorides as Cl	mg / l	9.25	250	1000	IS 3025 (Part 32) 1988 Reaffirmed 2019
Total Hardness	mg / l	44.35	200	600	IS 3025 (Part 21) 2009 Reaffirmed 2019
Calcium	mg / l	11.22	75	200	IS 3025 (Part 40) 1991 Reaffirmed 2019
Residual chlorine	mg / l	ND	0.20	1	IS 3025 (Part 26) 2021
Sulphate	mg / l	15.63	200	400	IS 3025 (Part 24) Sec1:2022
Nitrate	mg / l	ND	45	No relaxation	APHA 4500 NO_3-B (23rd Edition)
Fluoride	mg / l	ND	1	1.5	APHA 4500 F-D (23rd Edition)
Heavy Metals:					
Iron (Fe)	mg / l	ND	0.3	No relaxation	IS 3025 (Part 2) 2019
Copper (Cu)	mg / l	ND	0.05	1.5	IS 3025 (Part 2) 2019
Zinc (Zn)	mg / l	ND	5	15	IS 3025 (Part 2) 2019
Lead (Pb)	mg / l	ND	0.01	No relaxation	IS 3025 (Part 2) 2019
Chromium (Cr)	mg / l	ND	0.05	No relaxation	IS 3025 (Part 2) 2019

Note: ND – Not Detected
Remark: The above analysed sample conforms as per IS 10500:2012 specifications

----------End----------

For M/S. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory
(Shilpa Dhamankar)

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CIN No-U28900MH1995PTC093129 | GST NO- 27AAACE6597R1ZP
Mira Road (Lab): Row House No.2, Shalom Garden, Opp. Kanakia College, Mira Road (E), Thane-401107
TC-11189

Water Sample Analysis Report

Report No. - EAEPL/W/09/23/01481			**Report Date –29.09.2023**
ULR Number: TC1118923000001199F			
Name of Customer	**M/S. Rajesh Builders**		**Reference –** Work Order # 7000189225
Site Address	Plot bearing 141/1,2,3;144;145/1,2,4;146/2,3,4;148/1,2,3;412/2 & 141/2 at Village Majiwade Kapurbawadi, Ghodbunder Road, Thane (W)		
Nature and Description of Sample	TMC Water	**Sample Collected by**	EAEPL Laboratory
Sampling Locations and Sample Code	EAEPL/W/09/23/01481 (Near Gate No. 4 site)	**Sample Quantity and Packing**	500 ml X 1 No. St. PP. bottle.
		Sample Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	21.09.2023	**Date of Receipt**	22.09.2023
Sampling Procedure	EAEPL/LAB/MB/SOP/17		
Period of Analysis	23.09.2023 to 25.09.2023		
Report for the month	September, 2023		

Discipline: Biological **Group: Water**

Parameters	Unit	Results	IS 10500:2012 Limits Requirements	Method
Microbiological Analysis:				
Coliforms	/100ml	Absent	Shall not be detectable in any 100ml sample	IS 15185:2016 (Reaffirmed 2021)
E. coli	/100ml	Absent	Shall not be detectable in any 100ml sample	IS 15185:2016 (Reaffirmed 2021)

Remark: The above analysed sample conforms as per IS 10500:2012 specifications

----------End----------

For M/S. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory
(Shweta Sonawane)

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TC-11189

Ambient Air Quality Monitoring Report

Report No. - EAEPL/A/09/23/01480			**Report Date - 29.09.2023**
ULR Number: TC1118923000001198F			
Name of Customer	**M/S. Rajesh Builders**		**Reference –** Work Order # 7000189225
Site Address	Plot bearing 41/1,2,3;144;145/1,2,4;146/2,3,4;148/1,2,3;412/2 & 141/2 at Village Majiwade Kapurbawadi, Ghodbunder Road, Thane (W)		
Nature and Description of Sample	Ambient Air	**Sample Collected by**	EAEPL Laboratory
Sampling Locations and Sample Code	EAEPL/A/09/23/01480 (Near Main Gate of Site)	**Sample Quantity and Packing**	PM_{10} = 1 * 1 No. Filter paper. $PM_{2.5}$ = 1 * 1 No. Filter paper SOx = 30ml * 2 No. PVC bottle. NOx = 30ml * 2 No. PVC bottle.
		Sample Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	21.09.2023	**Date of Receipt**	22.09.2023
Sampling Procedure	EAEPL/LAB/SOP/01		
Period of Analysis	22.09.2023 to 23.09.2023		
Report for the month	September, 2023		

Discipline: Chemical **Group: Atmospheric Pollution**

Environmental Conditions		
Ambient Air Temperature (°C)	**Relative Humidity (%)**	**Duration of Monitoring**
31.00	59.00	8 Hours

RESULTS

Tests Parameter	Results	NAAQS LIMITS	METHOD
R.S.P.M (PM_{10}) (µg/m³)	84.20	100 µg/m³	IS 5182 (Part 23) 2006 Reaffirmed 2022
R.S.P.M ($PM_{2.5}$) (µg/m³)	42.49	60 µg/m³	IS 5182 (Part 24) 2019
SO_2 (µg/m³)	23.77	80 µg/m³	IS 5182 (Part 2) Sec 1:2023
NOx (µg/m³)	25.10	80 µg/m³	IS 5182 (Part 6) 2006 Reaffirmed 2022

Remark: All the measured values are within NAAQS limits.

----------**End**----------

For M/S. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory
(Netra Pawar)

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Mira Road (Lab): Row House No.2, Shalom Garden, Opp. Kanakia College, Mira Road (E), Thane-401107
TC-11189

Ambient Noise Level Monitoring Report

Report No. - EAEPL/N/09/23/01483			**Report Date - 29.09.2023**
ULR Number: TC1118923000001201F			
Name of Customer	**M/S. Rajesh Builders**		**Reference –** Work Order # 7000189225
Site Address	Plot bearing 141/1,2,3;144;145/1,2,4;146/2,3,4;148/1,2,3;412/2 & 141/2 at Village Majiwade Kapurbawadi, Ghodbunder Road, Thane (W)		
Nature and Description of Sample	Noise	**Sample Collected by**	EAEPL Laboratory
Sampling Locations and Sample Code	EAEPL/N/09/23/01483	**Sample Quantity and Packing**	Not Applicable
Date of Sampling	21.09.2023	**Date of Receipt**	Not Applicable
Sampling Procedure	EAEPL/LAB/SOP/04		
Period of Analysis	Not Applicable		
Report for the month	September, 2023		

Discipline: Chemical **Group: Atmospheric Pollution**

Monitoring Locations	Units	Results		CPCB Norms	
		Day Time	Night Time	Day	Night
Near Main Gate of site	dB(A) Leq.	53.2	42.6	55	45
Near Centre side of site	dB(A) Leq.	53.6	43.2	55	45
Near Backside of site	dB(A) Leq.	54.3	43.3	55	45
Near Site Office	dB(A) Leq.	54.9	44.2	55	45

Remark: The noise level was observed to be within CPCB limits at all of the locations.

----------End----------

For M/S. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

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(Netra Pawar)

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Mira Road (Lab): Row House No.2, Shalom Garden, Opp. Kanakia College, Mira Road (E), Thane-401107
TC-11189

Soil Sample Analysis Report

Report No- EAEPL/S/09/23/01482			**Report Date - 29.09.2023**
ULR Number: TC1118923000001200F			
Name of Customer	**M/S. Rajesh Builders**		**Reference** – Work Order # 7000189225
Site Address	Plot bearing 141/1,2,3;144;145/1,2,4;146/2,3,4;148/1,2,3;412/2 & 141/2 at Village Majiwade Kapurbawadi, Ghodbunder Road, Thane (W)		
Nature and Description of Sample	Soil	**Sample Collected by**	EAEPL Laboratory
Sampling Locations and Sample Code	EAEPL/S/09/23/01482 (Near Main Gate of the Site)	**Sample Quantity and Packing**	1000 gm X 1 zip lock bag
		Sample Preservation	Transported & stored in dry area
Date of Sampling	21.09.2023	**Date of Receipt**	22.09.2023
Sampling Procedure	EAEPL/LAB/SOP/03		
Period of Analysis	22.09.2023 to 29.09.2023		
Report for the month	September, 2023		

Discipline: Chemical **Group: Soil & Rock**

Parameters	Unit	Results	Methods
pH	-	7.22	IS 2720 (Part 26):1987, Reaffirmed:2021
Electrical Conductivity	µS/cm	369.00	IS 14767:2000, Reaffirmed:2021
Organic Matter	%	2.54	IS 2720 (Part 22) – 1972 (Reaffirmed 2020)
Total Kjeldhal Nitrogen	mg/kg	764.67	IS 14684:1999 (Reaffirmed 2019)
Soil Moisture	%	25.62	IS 2720 (Part 02):1973 (Reaffirmed 2020) Oven drying method
Water Holding Capacity	%	28.10	EAEPL/LAB/SOP/SOIL/10
Available Phosphorus	mg/kg	1.71	EAEPL/LAB/SOP/SOIL/11
Calcium	mg/kg	2343.81	EPA 9080
Magnesium	mg/kg	295.52	EPA 9080
Chlorides	mg/kg	134.33	EAEPL/LAB/SOP/SOIL/03
Sulphate	mg/kg	33.27	IS 2720 (Part 27):1977 Reaffirmed 2020
Potassium	mg/kg	1025.79	EPA 3050B
Sodium	mg/kg	1563.11	EPA 3050B
Heavy Metals:			
Copper	mg/kg	118.21	EPA 3050B
Iron	mg/kg	54025.11	EPA 3050B
Lead	mg/kg	9.77	EPA 3050B
Zinc	mg/kg	94.76	EPA 3050B

----------End----------

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory
(Netra Pawar)

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Mira Road (Lab): Row House No.2, Shalom Garden, Opp. Kanakia College, Mira Road (E), Thane-401107
TC-11189

Stack Emission Analysis Report

Report No. - EAEPL/SE/09/23/01484			**Report Date –29.09.2023**
ULR Number: TC1118923000001202F			
Name of Customer	**M/S. Rajesh Builders**		**Reference –** Work Order # 7000189225
Site Address	Plot bearing 141/1,2,3;144;145/1,2,4;146/2,3,4;148/1,2,3;412/2 & 141/2 at Village Majiwade Kapurbawadi, Ghodbunder Road, Thane (W)		
Nature and Description of Sample	Stack	**Sample Collected by**	EAEPL Laboratory.
Sampling locations and Sample Code	DG Set (160 KVA) **EAEPL/SE/09/23/01484**	**Sample quantity and packing**	30 ml X 1 No. PVC bottle. TPM = 1 X 1 No. Thimble
		Preservation	Cool -Transported and stored at 5 °C (± 1°C)
Date of Sampling	21.09.2023	**Date of Receipt**	22.09.2023
Sampling Procedure	Indian Standard Method for measurement of emissions from stationary sources, 11255 (Part-1 & 2)		
Period of Analysis	22.09.2023 to 23.09.2023		
Report for the month	September, 2023		

Discipline: Chemical **Group: Atmospheric Pollution**

Sr. No.	Particulars	Results	Limits	
1	Stack attached to	DG Stack	-	-
2	Temp. of Flue Gas	122°C	-	-
3	Flue Gas Velocity	15.26 m/sec	-	-
4	Total Particulate Matter (TPM)	12.85 mg/Nm^3	150 mg/Nm^3	IS 11255 (Part 1) 1985 Reaffirmed 2019
5	Sulphur Dioxide (SO_2)	4.04 kg/day	5.00 kg/day	IS 11255 (Part 2) 1985 Reaffirmed 2019

----------End----------

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory
(Netra Pawar)

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Government of Maharashtra

SEAC 2011/CR- 932 /TC-2
Environment department,
Room No. 217, 2nd floor,
Mantralaya Annexe,
Mumbai 400 032
Date: 4th February, 2013

To,

M/s. Rajesh Builders.
Village Majiwade Kapurbawadi,
Ghodbunder Road, Thane (W)
Dist- Thane.

Subject: Environment Clearance for Proposed "Rental Housing Scheme, Residential & Commercial Project" located at plot bearing 141/1,2,3; 144; 145/1,2,4; 146/2,3,4; 148/1,2,3; 412/2 & 141/2 at Village Majiwade Kapurbawadi, Ghodbunder Road, Thane (West) by M/s. Rajesh Builders - Environmental clearance regarding.

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 7th meeting decided to 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 55th Meeting.

2. It is noted that the proposal is for grant of Environmental Clearance for proposed "Rental Housing Scheme, Residential & Commercial Project" located at plot bearing 141/1,2,3; 144; 145/1,2,4; 146/2,3,4; 148/1,2,3; 412/2 & 141/2 at Village Majiwade Kapurbawadi, Ghodbunder Road, Thane (West) by M/s. Rajesh Builders .SEAC considered the project under screening category 8(a) B2 as per EIA Notification 2006.

Brief Information of the project is summarized during SEAC & SEIAA Meetings as:

<table>
<tr><td>Name of the Project</td><td colspan="3">Residential cum Commercial Project</td></tr>
<tr><td>Name of the Proponent</td><td colspan="3">M/s. Rajesh Builders</td></tr>
<tr><td>Type of Project</td><td colspan="3">Residential cum Commercial Project</td></tr>
<tr><td>Location of the project</td><td colspan="3">CTS No. 141/1,2,3 , 144 ,145/1,2,4, 146/2,3,4(part), 148/1, 48/2/1(part), 148/3/1(part), 412/2(part), 414/2, Village – Majiwade , Thane.</td></tr>
<tr><td>Total plot area (sq.m.)
Deductions
Net Plot Area</td><td colspan="3"><table><tr><td>Sr No</td><td>Area</td><td>Details (sq.m)</td></tr><tr><td>1</td><td>Area of plot</td><td>38,540</td></tr><tr><td>2</td><td>Area under setback/reservation</td><td>8,320</td></tr></table></td></tr>
</table>

	3	7.5% amenity open space	1,827
	4	Net Gross Plot area	28,393
	5	5% Additional RG	1,218
	6	Net Plot Area	27,175
	8	Total Green Cover Area	8,476.48
	9	Total Internal Road Area	7,534.60
	10	Plinth Area	5,392.22
	11	Club House	1,086.20
	12	Ground Coverage	13,649
	13	FSI Area	1,06,135.21
	14	Built up Area Free of FSI	1,29,739.31
	15	Total Construction Area	2,35,874.52

Permissible FSI (including TDR etc.)	Permissible FSI 4 Rental FSI - 1 Sale FSI - 3		
Proposed Built Up Area(FSI & Non FSI)	FSI Area	Non FSI Area	Total construction Area
	1,06,135.21sq. m	1,29,739.31sq. m	2,35,874.52 sq. m
Ground Coverage Area	Total Ground Coverage area = 13649 sq. m (50 %) MMRDA - 1754 sq.m (25.81%) Sale 11895 sq.m (58.36%)		
Estimated Cost of the project	475.44 Cr		
Number of Buildings & configuration(s)	Sale Building Building No1 : Wing A & B: BS+GR+4P+ UPPER STILT+ 28FLR Building No2 : Wing C & D: BS+GR+4P+ UPPER STILT+ 28FLR Building No3: BS+GR+4P+ UPPER STILT+ 28FLR. 1 commercial building : B + G + 4 Floors	MMRDA Building Building No 1, 2, 3 & 5: G +25FLR. Building No 4 : G + 24FLR.	
Number of tenants and shops	MMRDA : No of tenants: 1604	SALE: No of tenants: 456 Nos. No of shops: 12 Nos. No of offices: 36 Nos.	
Number of expected residents	MMRDA : Population: 8505 Nos.	SALE : Population: 4521 Nos.	
Tenant density per hector	MMRDA : 236 tenements / hectare	Sale : 247 tenements / hectare	
Height of Building(s)	116 mts		

<table>
<tr><td>Right of way</td><td>60 Mts. Wide Ghodbunder road
Nearest Fire Station Balkum Fire Brigade (0.60 km)</td></tr>
<tr><td>Turning radius for easy access</td><td>7.5 Mts</td></tr>
<tr><td>Existing Structure(s)</td><td>No existing structure</td></tr>
<tr><td>Details of the demolition</td><td>Not Applicable</td></tr>
<tr><td>Total Water Requirement</td><td>Dry Season: MMRDA
Fresh water (CMD) & source: 723 from TMC
Recycled water (CMD): 385
Total Water Requirement (CMD): 1108
Fire Fighting : 300 UGT +25 OHT cum
Wet Season: MMRDA
Fresh water (CMD) & source: 723(681 from TMC & 42 from RWH)
Recycled water (CMD): 370
Total Water Requirement (CMD): 1093
Swimming pool make up (CMD):NA
Fire Fighting (CMD): 300 UGT +25 OHT cum
Dry Season: Sale
Fresh water (CMD) & source: 256 from TMC
Recycled water (CMD): 195
Total Water Requirement (CMD): 451
Fire Fighting (CMD): 750 UG+(25+25+25=75 OH cum)
Wet Season: Sale
Fresh water (CMD) & source: 256(184 from TMC & 72 from RWH)
Recycled water (CMD): 159
Total Water Requirement (CMD): 415
Fire Fighting (CMD): 750 UG+(25+25+25=75 OH cum)</td></tr>
<tr><td>Rain Water Harvesting (RWH)</td><td>Level of the ground water table: 4 mt
Size and no of RWH tank(s) and quantity: 2 for sale building (150 Cum each) and 1 for MMRDA building (150 cum)</td></tr>
<tr><td>Strom water drainage</td><td>Natural water drainage pattern: West to East
Quantity of storm water: 460 KLD
Size of SWD: 0.9m X 1.2 m</td></tr>
<tr><td>Sewage & Waste Water</td><td>Sewage generation: MMRDA – 1015 KLD , Sale – 386 KLD
STP Technology: Submerged Aeration Fixed Film Technology
Capacity of STP (CMD): MMRDA – 1025 KLD, Sale – 400 KLD,
Location of the STP: MMRDA – Under Ground Floor, Sale - Basement
DG Set (during Emergency):2 No. of 630 KVA (residential) 1 no. of 1500 KVA (commercial) for Sale, 2 No of 500 KVA for MMRDA</td></tr>
<tr><td>Solid Waste Management</td><td>Waste generation
<table>
<tr><td>Waste</td><td>Quantity</td></tr>
<tr><td>Cement Bags</td><td>8, 50,000 nos.</td></tr>
<tr><td>Paint container & other Barrels</td><td>5000 units</td></tr>
<tr><td>Solid block debris</td><td>525 tonne</td></tr>
<tr><td>Scrap metal generated</td><td>480 tonne</td></tr>
<tr><td>Concrete waste</td><td>1650 tonne</td></tr>
<tr><td>Marble& Granite</td><td>130 tonne</td></tr>
<tr><td>Tiles waste</td><td>7 tonne</td></tr>
</table></td></tr>
</table>

	Glass	0.25 tonne
	Wooden waste	0.50 tonne
	Electrical wires and cables	0.50 tonne
	Pipes	1 tonne
	Waste generation in the operation phase: Dry waste (TPD): MMRDA - 1.4, Sale - 0.8 Wet waste (TPD): MMRDA 1.9, Sale - 0.7 STP sludge (Dry sludge) (Kg/Day): MMRDA 20 Sale - 20 Mode of Disposal of Waste: Dry waste: Will be handed over to TMC for recycling Wet Waste: Will be processed in the Organic Waste Converter. Required amount of manure from OWC will be used for gardening/landscaping and rest will be handed over to vendors STP Sludge (Dry Sludge): Use as a manure	
Green Belt Development	RG area under green belt: RG on the ground (sq.m.): 4,355.69 RG on the podium (sq.m.): 4120.79	
Energy	Power Supply: Maximum demand: 10,523 kw Source: MSEDCL Energy saving by non-conventional method: Energy Conservation Measures: It is proposed to control all Common area lighting with photocell controllers which will switch on /off and dim the lights according to the ambient light conditions. Solar lighting system is being proposed in the Landscaping and the Open paved area. The motors used for the Water supply system, fire pumps, are of the efficiency 85-90 % and the capacitor banks of suitable rating are used in the panel to maintain the power factor @ 0.98 there by the KVA demand reduces. Will be using the energy efficient appliances like T5 lamps. Use of electronic ballasts over conventional copper ballasts, the use of fluorescent lights instead of incandescent ones, the use of high quality reflectors etc., would lead to lower energy consumption. Exterior lighting like façade in common area etc. Which are controlled by astronomical / timer switches to select the time and fittings there by required fittings are switched on at required time to save the power. Details calculations & % of saving: - MMRDA -24 %, Sale - 35% DG Set: Number and capacity of the DG sets to be used: 2 No. of 630 kVA (residential), 1 no. Of 1500 kVA (commercial) for Sale ,2 No of 500 KVA for MMRDA	
Traffic Management	2 common entry/ Exit for sale building and 1 Entry/exist for MMRDA building. Parking Details: Number and area of Basement: Area - 13224.55 sq m & 1 basement each for 3 residential buildings Number and area of podia: Area - 51913.83 sq.m and 4 podiums	

<table>
<tr><td></td><td>each for 3 Sale residential buildings
Total parking area: 40,121.38 sq.m
Area per Car: 32 sq.m.
2-wheelers: 1035
4-wheelers: 1264 Nos.
Width of all Internal roads (m): 6 m wide for MMRDA. And 7.5 m for Sale &</td></tr>
<tr><td>Environmental Management plan Budgetary Allocation</td><td>Construction phase:
Capital cost: 68Lakhs O & M cost : 7 Lakhs
Operation Phase (with Break-up)-
Capital cost: 680 Lakhs O & M cost :72.5 lakhs
<table>
<tr><td></td><td>Setting up Cost (Lakhs)</td><td>Annual O & M Cost (Lakhs)</td></tr>
<tr><td>Total Cost</td><td>680</td><td>72.5</td></tr>
</table></td></tr>
</table>

3. The proposal has been considered by SEIAA in its 55th 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 :-

(i) Restrict construction of the rental housing component up to the plinth level till the final decision on the tenement size is taken by the State Government.

(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. 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) 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.

(iv) "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.

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

(vi) Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. 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.

(vii) 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.

(viii) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.

(ix) 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

(x) 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.

(xi) Arrangement shall be made that waste water and storm water do not get mixed.

(xii) All the topsoil excavated during construction activities should be stored for use in horticulture landscape development within the project site.

(xiii) Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.

(xiv) Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.

(xv) 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.

(xvi) 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.

(xvii) 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.

(xviii) 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.

(xix) 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.

(xx) The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.

(xxi) 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.

(xxii) 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.

(xxiii) 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).

(xxiv) Ready mixed concrete must be used in building construction.

(xxv) The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.

(xxvi) Storm water control and its re-use as per CGWB and BIS standards for various applications.

(xxvii) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.

(xxviii) The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.

(xxix) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.

(xxx) Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.

(xxxi) Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project.

(xxxii) Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.

(xxxiii) 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.

(xxxiv) 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.

(xxxv) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement

(xxxvi) 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.

(xxxvii) Diesel power generating sets proposed as source of back up 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.

(xxxviii) 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.

(xxxix) 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.

(xl) Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement

(xli) The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation

(xlii) 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.

(xliii) 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.

(xliv) Six monthly monitoring reports should be submitted to the Department and MPCB.

(xlv) A complete set of all the documents submitted to Department should be forwarded to the MPCB

(xlvi) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.

(xlvii) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.

(xlviii) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.

(xlix) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at [illegible]

(l) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.

(li) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

(lii) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO_2, NOx (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

(liii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

(liv) The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the 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 for a period of 5 years.

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 , Van Vigyan Bhawan, Sec- 5, R.K. Puram, New Dehli – 110 022, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

(Valsa R Nair Singh)
Secretary, Environment
department & MS, SEIAA

Copy to:

1. Shri. P.M.A Hakeem, IAS (Retd.), Chairman, SEIAA, 'Jugnu' Kottaram Road, Calicut- 673 006 Kerla.

2. Dr. S. Devotta, Chairman, SEAC, T2/302 Sky City, Vanagaram –Ambattur Road, Chennai – 600 095

3. Additional Secretary, MOEF, 'Paryavaran Bhawan' CGO Complex, Lodhi Road, New Delhi – 110510

4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.

5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).

6. Regional Office, MPCB, Thane.

7. Collector, Thane

8. Commissioner, Thane Mumbai Municipal Corporation, Thane.

9. CEO, Slum Rehabilitation Authority, Bandra (Mumbai)

10. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.

11. Director (TC-1), Dy. Secretary (TC-2), Scientist-1, Environment Department.

12. Select file (TC-3).

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437/4020781 /4037124/4035273
Fax : 24044532/4024068 /4023516
Email : enquiry@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 - 400 022

Consent order No: Format1.0/BO/CAC-cell/RO-TN/EIC-TN-4787 -13/E/CAC-846
Date-28/1/2014

To,
Mr. Priyal K. Patel,
M/s. Kothari Auto Parts Manufactures Pvt. Ltd.
(Previously known as M/s. Rajesh Builders),
R.B. house, Off Andheri Kurla Road,
MIDC Cross Road'B" JB Nagar, Andheri(E),
Mumbai-59.

Subject: Consent to Establish for Building/Construction project ORANGE category.
Ref : 1. Minutes of 2nd 18th CAC meeting of 2013-14 held on 8.1.2014.

Your application
Dated: 27.07.2013
For: Consent to Establish for Building/Construction 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 Wastes (M, H & T M) Rules 2008 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 is granted for a period up to commissioning of the project of 5 years whichever is earlier.

2. The proposed capital investment of the project is Rs. 475.44 Crs. (As per undertaking submitted by project proponent)

3. **The Consent to Establish is valid for construction of rental housing scheme, residential cum commercial project of M/s. Kothari Auto Parts Manufactures Pvt. Ltd. on plot bearing C.T.S. no. 141/1,2,3, 144,145/1,2,4, 146/2,3,4(pt), 148/1, 48/2/1(pt), 148/3/1(part), 148/3/1(pt), 412/2(pt), 414/2 at Vill-Majiwade, Thane(W), Mumbai on total plot area of 38,540 sq. mtrs, FSI area of 1,06,135.21 sq. mtrs, non-FSI area of 1,29,739.31 sq.m. and total construction built up area 2,35,874.52 Sq. mtrs including utilities and services as per construction 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	1206	As per Schedule –I	Recycle & excess discharge into Municipal sewer line

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

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1.	DG set (2x500KVA)	2	As per Schedule -II
2.	DG set (2 x 630KVA)	2	As per Schedule -II
3.	DG set (500KVA)	1	As per Schedule -II

6. **Conditions under Municipal Solid Waste (Management and Handling) Rule,2000:**

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable	2600 Kg/Day	Organic Waste Convertor	Used as Manure
2	Non-Biodegradable	2200 Kg/Day	Segregate and Hand over TMC for recycling	--
3	STP Sludge	40 Kg/ Day	Nil	Used as Manure

7. **Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste:**

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
Nil						

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

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

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.**

For and on behalf of the
Maharashtra Pollution Control Board

(Rajeev Kumar Mital, IAS)
Member Secretary

Received Consent fee of –

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1.	9,50,980/-	179152	4.7.2013	Corporation Bank

Copy to:

1. **Regional Officer -Thane and Sub-Regional Officer-Thane-I MPCB,**
   – 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 MBBR based Sewage Treatment Plants (STPs) with the design capacity of 1025 CMD (for MMRDA Rental Scheme) & 400 CMD (for Sale Scheme).

   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)	100
02	Suspended Solids	100
03	COD	250
04	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.

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

2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.

3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

4) 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.

   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.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	00
2.	Domestic purpose	1559
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	00

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
01.	D.G.Set 1500 KVA	Acoustic Enclosure	7.7*	LDO	940 lits/hr	1.8	406.08
02.	D.G.Set (2x500KVA)	Acoustic Enclosure	4.5* each	LDO			
03.	D.G.Set (2x630 KVA)	Acoustic Enclosure	5* each	LDO			

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

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:**

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 replacemenalteration well before its life come to an end or erection of new pollution control equipment.**
4. **The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).**

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 from date of issue of consent	Towards compliance of the EC condition and as well as consent conditions	Upto Commissioning of the unit	Five years from date of issue of consent

Schedule-IV

Conditions during construction phase

a	During construction phase, applicant shall provide temporary sewage disposal and MSW facility for staff and worker quarters.
b	During construction phase, the ambient air and noise quality should be closely monitored to achieve Ambient Air Quality Standards and Noise by the project proponent through MoEF approved laboratory.
c	Noise generating activity shall be carried out during day time only.

General Conditions:

1) The applicant shall provide facility for collection of environmental samples and samples of trade and 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) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
3) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
4) Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
5) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
6) The firm shall submit to this office, the 30th day of September every year , the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
7) The industry shall comply with the Hazardous Waste (M,H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazarsous Waste (M,H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
8) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
9) **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/ Activity.**
10) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act,1981 and Environmental Protection Act,1986 and industry specific standard under EP Rules 1986 which are available on MPCB website(www.mpcb.gov.in).
11) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
12) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution

control system. A register showing consumption of chemicals used for treatment shall be maintained.

13) Conditions for D.G. Set
   a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
   b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
   c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.
   d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
   e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
   f) D.G. Set shall be operated only in case of power failure.
   g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
   h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel
14) The industry should not cause any nuisance in surrounding area.
15) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
16) The applicant shall maintain good housekeeping.
17) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a statement on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end, with the Environment Statement.
18) The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
19) The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
20) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
21) The industry shall submit quarterly statement in respect of industries' obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
22) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
23) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.
24) **The applicant shall comply with the conditions stipulated in Environmental Clearance granted by GoM vide No. SEAC 2011/CR-932/TC-2 dtd. 4th February, 2013.**