



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

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

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000065342

Submitted Date

17-05-2024

PART A

Company Information

Company Name

Raheja Universal (Pvt.) Ltd.

Application UAN number

Address

Raheja Exotica, CTS No. 1965, 2053/B, 2053/C, 2053/C-1, 2053/D, 2053/E, 2055/B & 2055/C, Village Erangal, Patilwadi Road, Malad (E), Mumbai

Plot no

CTS No. 1965, 2053/B, 2053/C, 2053/C-1, 2053/D, 2053/E, 2055/B & 2055/C

Taluka

Mumbai

Village

Erangal,

Capital Investment (In lakhs)

14295

Scale

LSI

City

Mumbai

Pincode

400064

Person Name

Mr. Abhilash Shetty.

Designation

Authorised person

Telephone Number

9820867833

Fax Number

0

Email

sorentompcb@rahejauniversal.com

Region

SRO-Mumbai IV

Industry Category

Orange

Industry Type

O21 Building and construction project more than 20,000 sq. m built up area

Last Environmental statement submitted online

yes

Consent Number

Formatl.0/CAC-CELL/UAN No.0000032879/CR -1911000379

Consent Issue Date

23-01-2024

Consent Valid Upto

31-07-2024

Establishment Year

2017

Date of last environment statement submitted

Jan 1 1900 12:00:00:000AM

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

Product Information

Product Name

Building construction project

Consent Quantity

0

Actual Quantity

0

UOM

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

CMD

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	0.00	0.00
Domestic	213.00	120.00
All others	0.00	0.00
Total	213.00	120.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Domestic	189	108	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
HSD	100	0	Ltr/Hr

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) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
pH	0	7.38	NA	5.5 to 9	NA
COD	0	32.5	NA	<50 mg/l	NA
BOD	0	8.45	NA	<10 mg/l	NA

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
TPM	0	13.95	NA	150 mg/Nm ³	NA
SO2	4.63	0	NA	5.0 kg/day	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	0	Ltr/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	Kg/Annum

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Biodegradable waste	51100	52925	Kg/Annum
Non Biodegradable waste	34000	35770	Kg/Annum

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
STP SLUDGE	3041	3285	Kg/Annum

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/Annum

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
5.1 Used or spent oil	0	Ltr/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Biodegradable waste	52925	Kg/Annum	NA
Non Biodegradable waste	35770	Kg/Annum	NA
STP Sludge	3285	Kg/Annum	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)
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STP, OWC, 0 0 0 0 0 0
SOLAR, RWH are provided

Part-H

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

[A] Investment made during the period of Environmental Statement

<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
NA	0	0

[B] Investment Proposed for next Year

<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
NA	0	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Project is partially in operational phase. EC, CTE & CTO(p0 are obtained from respective authorities.

Name & Designation

Kamal Khemani - VP

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000065342

Submitted On:

17-05-2024



MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24044532/4024068/4023516
Website: <http://mpcb.gov.in>
Email: jdwater@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

Infrastructure/RED/L.S.I

No:- Format1.0/CC/UAN No.0000110816/CE **2107000933**

Date: **15/01/21**

To,
M/s. Raheja universal (Pvt.) Ltd.
"Raheja Exotica", Plot bearing CTS NO
1965, 2053/B, 2053/C, & C1, 2053D, 2053E,
2055B, & 2055/C, village Erangal,
Patilwadi Road,
Malad(W), Borivali, Mumbai



Sub: Revalidation of Consent to Establish with expansion for Construction project in Red Category

- Ref:**
1. Consent to establish granted vide No Format 1.0/BO/CAC-Cell/UAN No 0000042132/amendment in CE/CAC-1901000201 dtd 04.01.2019
 2. Consent to operate (1st part) granted vide No Format 1.0/CAC/UAN No 0000032879/CR-1911000379 dtd 11.11.2019
 3. consent to operate (2nd part) granted vide No Format1.0/BO/CAC-Cell/CO(part)/CAC-1712000345 dtd 11.12.2017

Your application NO. MPCB-CONSENT-0000110816

For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:

1. **Consent is granted for period upto commissioning of the project or 30.11.2025 whichever is earlier**
2. **The capital investment of the project is Rs.383.88 Cr. (As per undertaking submitted by pp).**
3. **The Consent to Establish revalidation with expansion is valid for construction project named as M/s. Raheja universal (Pvt.) Ltd., "Raheja Exotica", Plot bearing CTS NO 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C, village Erangal, Patilwadi Road, Malad(W), Borivali, Mumbai on Total Plot Area of 45263.86 Sq Mtrs for remaining construction BUA of 226858.25 area SqMtrs (total area 378961.25 - completed area 152103.00) out of Total Construction BUA of 378961.25 Sq Mtrs as per EC granted dated 15.04.2019 including utilities and services**
4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

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



Sr No	Description Permitted	Standards to	Disposal	
2.	Domestic effluent	756	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1	DG set-2030 KVA	01	As per Schedule -II
S-2	DG set-1520 KVA	01	As per Schedule -II
S-3	DG set-1495 KVA	01	As per Schedule -II
S-4	DG set-673 KVA	01	As per Schedule -II
S-5	DG set-475 KVA	01	As per Schedule -II

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

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Bio-degradable waste	1888 Kg/Day	OWC and composting	As Manure for gardening
2	Non-biodegradable waste	1259 Kg/Day	Segregate	hand Over to Local Body
3	STP Sludge	70 Kg/Day	Dewatering	As manure

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

Sr No	Category No.	Quantity UoM	Treatment	Disposal
1	5.1 Used or spent oil	200 Ltr/A	Reprocessing	Sale to Authorized Reprocessor

- This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
- Project Proponent shall install online monitoring system for the parameter pH, SS, BOD and flow at the outlet of STP.
- Project Proponent shall provide Organic waste digester with composting facility or biodigester with composting facility.
- Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.
- The project proponent shall make provision of charging of electric vehicles in atleast 10 % of total available parking area.
- The project proponent shall take adequate measures to control dust emission and noise level during construction phase.



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15. The Project Proponent shall comply with the Environmental Clearance obtained vide No SEIAA-2019/CR-24/SEIAA dtd 15.04.2019 for construction project having total plot area of 45263.86 Sqm and total construction BUA of 378961.25 Sqm.

For and on behalf of the
Maharashtra Pollution Control Board.

(Ashok Shingare IAS),
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	767760.00	MPCB-DR-5035	21/03/2021	NEFT

Copy to:

1. Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai IV
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A) As per your application, you have proposed to install 05 Sewage Treatment Plants (STP) with total design capacity of 805.3 CMD based on MBBR Technology.
- B) The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

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

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

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	945.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.



SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

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

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM
S1	DG set-2030 KVA	Acoustic Enclosure	30	HSD	5075 Ltr/Hr
S2	DG set-1520 KVA	Acoustic Enclosure	30	HSD	380 Ltr/Hr
S3	DG set-1495 KVA	Acoustic Enclosure	30	HSD	373.75 Ltr/Hr
S4	DG set-673 KVA	Acoustic Enclosure	5.5	HSD	168.25 Ltr/Hr
S5	DG set-475 KVA	Acoustic Enclosure	4.5	HSD	118.75 Ltr/Hr

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

Total Particular matter	Not to exceed	150 mg/Nm ³
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- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - The toilet shall be provided with exhaust system connected to chimney through ducting.
 - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C2E	Rs 25 Lakhs	15 Days	Towards compliance of consent conditions and EC conditions	Continious	31.03.2026



Consent						
Sr. No.	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

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

BG Return details

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

SCHEDULE-IV

Conditions during construction phase

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

General Conditions:

- 1 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011).
- 3 Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5 Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.



Maharashtra Pollution Control Board

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- b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 6 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
 - 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
 - 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
 - 9 The treated sewage shall be disinfected using suitable disinfection method.
 - 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
 - 11 The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.

For and on behalf of the
Maharashtra Pollution Control Board.


(Ashok Shingare IAS),
Member Secretary



Maharashtra Pollution Control Board
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MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

Infrastructure/RED/L.S.I

No:- Format1.0/CAC-CELL/UAN No.0000138551/CR/2401002421

Date: 23/01/2024

To,
Raheja Universal (Pvt) Ltd.,
'Raheja Exotica,' CTS No. 1965, 2053/B,
2053/C, 2053/C-1, 2053/D, 2053/E, 2055/B
& 2055/C, Village. Erangal, Patilwadi Road,
Malad (E), Mumbai.



Sub: Grant of Renewal of Consent to Operate for Building No. 7 of Residential Construction project under Red/LSI Category.

- Ref:
1. Environment Clearance for proposed expansion accorded by Env. Dept, GoM vide SEAC-2015/CR-131/TC-1 dtd. 21/06/2016.
 2. Environment Clearance for Modernization in Housing project accorded by Env. Dept, GoM vide SEIAA-EC-0000000394 dtd. 01/09/2018.
 3. Amendment in Consent to Establish with expansion accorded by the Board vide Format1.0/BO/CAC-Cell/UAN No. 0000042132/Amendment in CE/CAC-1901000201 dtd. 04/01/2019.
 4. Renewal of Consent to Operate accorded by the Board vide Format1.0/CAC-CELL/UAN No. 0000032879/CR-1911000379 dtd. 11/11/2019.
 5. Minutes of Consent Appraisal Committee meeting held on 24/11/2023.

Your application NO. MPCB-CONSENT-0000138551

For: Grant of Renewal of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:

1. **The Renewal of Consent to Operate is granted for period up to 31/07/2024.**
2. **The capital investment of the project is Rs.142.95 Cr. (As per C.A Certificate submitted by industry).**
3. **The Renewal of Consent to Operate is valid for Building No. 7 of Residential Construction project named as Raheja Universal (Pvt) Ltd., 'Raheja Exotica,' CTS No. 1965, 2053/B, 2053/C, 2053/C-1, 2053/D, 2053/E, 2055/B & 2055/C, Village. Erangal, Patilwadi Road, Malad (E), Mumbai on Total Plot Area of 45,263.86 SqMtrs for Construction BUA of 62,155 SqMtrs out of Total Construction BUA of 3,38,665.03 SqMtrs as per EC granted dated 21/06/2016 including utilities and services**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	EC- dtd. 21/06/2016	45263.86	338665.03
2	EC for Modernization - dtd. 01/09/2018	124078.40	40296.00
3	Amend C to E - dtd. 04/01/2019	45263.86	186562.03

4	C to R - dtd. 11/11/2019	45263.86	62155.00
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4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	189	As per Schedule - I	The treated sewage shall be 60% recycled for secondary purposes and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system.

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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1	DG Set of 500 kVA	01	As per Schedule -II

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

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Bio-degradable Waste	420 Kg/Day	OWC followed by composting facility.	Used as Manure.
2	Non-biodegradable Waste	280 Kg/Day	Segregation	Handed over to Auth. Vendor.
3	STP Sludge	25 Kg/Day	Drying	Used as Manure.

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

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	25	Ltr/A	Recycle	Handed over to Auth. reprocessor.

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 operate STP scientifically to achieve the treated domestic effluent standard for the parameter BOD-10 mg/lit including disinfection facility to the treated sewage.
11. The treated sewage shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system.
12. PP shall properly operate organic waste digester along with composting facility/bio-digester (biogas) for the treatment of wet garbage.
13. PP shall make provision of charging ports for electric vehicles at least 30% of total available parking slots.

14. PP shall submit BG of Rs. 25 Lacs towards O & M of Pollution Control Systems and compliance of Consent conditions.



Dishraj

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1eb69f8c
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Signed by: Dr. Avinash Dhakne
Member Secretary
For and on behalf of
Maharashtra Pollution Control Board
ms@mpcb.gov.in
2024-01-23 12:33:29 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	857700.00	MPCB-DR-11754	09/05/2022	NEFT
2	285660.00	TXN2312002192	12/12/2023	Online Payment
3	630414.00	TXN2312002197	12/12/2023	Online Payment

Copy to:

1. Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai IV
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CAC Desk - for record & website updating purposes.



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have provided SBR based Sewage Treatment Plants (STPs) of combined capacity **200 CMD for treatment of domestic effluent of 189 CMD.**

B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

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

C] The treated sewage shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system.

- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act,1974 and as amended, and other provisions as contained in the said act.**

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	213.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

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

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	DG Set of 500 kVA	Acoustic Enclosure	4.50	HSD 100 Ltr/Hr	1	SO ₂	48 Kg/Day

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

Total Particular matter	Not to exceed	150 mg/Nm ³
-------------------------	---------------	------------------------

- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement 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(C2E/C20/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Renewal of Consent to Operate	Rs. 25 Lacs	15 days	Towards O & M of Pollution Control Systems and Compliance of Consent conditions.	Monthly	31/01/2024

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

BG Forfeiture History

Srno.	Consent (C2E/C20/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C20/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV

General Conditions:

- 1 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011).
- 3 Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5 Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.

- b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 6 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
 - 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
 - 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
 - 9 The treated sewage shall be disinfected using suitable disinfection method.
 - 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
 - 11 The applicant shall make an application for renewal of the consent at least 60 days before date of the expiry of the consent.

This certificate is digitally & electronically signed.

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



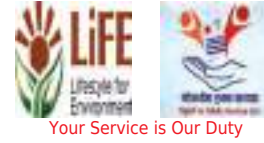
Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

Infrastructure/RED/L.S.I

No:- Format1.0/CAC-CELL/UAN No.0000151345/CE/2401002422

Date: 23/01/2024

To,
Raheja Universal (Pvt) Ltd., 'Raheja
Exotica,' (Building No. 1, 2, 3, 4 club house
and Villas) CTS No. 1965, 2053/B, 2053/C,
2053/C-1, 2053/D, 2053/E, 2055/B &
2055/C, Village. Erangal, Patilwadi Road,
Malad (E), Mumbai.



Sub: Grant of Consent to Establish for Sewage Treatment Plant of Residential Construction project building No. 1 to 4 of capacity 140 KLD & 55 KLD of MBBR technology under Red/LSI Category.

Ref: Minutes of Consent Appraisal Committee meeting held on 24/11/2023.

Your application NO. MPCB-CONSENT-0000151345

For: Grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:

- The Consent to Establish is granted for a period upto commissioning of project or up to 5 year whichever is earlier.**
- The capital investment of the project is Rs.44.50 Cr. (As per undertaking submitted by pp).**
- The Consent to Establish is valid for Sewage Treatment Plant of Residential Construction project building No. 1 to 4 of capacity 140 KLD & 55 KLD of MBBR technology named as Raheja Universal (Pvt) Ltd., 'Raheja Exotica,' (Building No. 1, 2, 3, 4 club house and Villas) CTS No. 1965, 2053/B, 2053/C, 2053/C-1, 2053/D, 2053/E, 2055/B & 2055/C, Village. Erangal, Patilwadi Road, Malad (E), Mumbai.**
- Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	Nil	Nil
2.	Domestic effluent	191	As per Schedule - I	The treated sewage shall be 60% recycled for secondary purposes and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system.

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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1	DG Set of 62.50 kVA	01	As per Schedule -II
S-2	DG Set of 320 kVA	01	As per Schedule -II
S-3	DG Set of 500 kVA	01	As per Schedule -II
S-4	DG Set of 500 kVA	01	As per Schedule -II

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

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	NA	0 --NA--	NA	NA

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

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	50	Ltr/A	Recycle	Handed over to Auth. reprocessor.

- This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
- PP shall provide STP of adequate capacity to achieve the treated domestic effluent standard for the parameter BOD-10 mg/lit including disinfection facility.
- The treated sewage shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system.
- PP shall provide organic waste digester along with composting facility/bio-digester (biogas) for the treatment of wet garbage.
- PP shall make provision of charging ports for electric vehicles at least 30% of total available parking slots.
- PP shall submit BG of Rs. 25 Lacs towards compliance of EC and Consent conditions.



Dinazg



Signed by: Dr. Avinash Dhakne
Member Secretary
For and on behalf of,
Maharashtra Pollution Control Board
ms@mpcb.gov.in
2024-01-23 22:35:12 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	75000.00	MPCB-DR-14938	01/11/2022	NEFT

Copy to:

- Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai IV
- They are directed to ensure the compliance of the consent conditions.
- Chief Accounts Officer, MPCB, Sion, Mumbai

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have proposed to provide MBBR based Sewage Treatment Plants (STPs) of combined capacity **195 CMD for treatment of domestic effluent of 191 CMD.**
- B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

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

C] The treated sewage shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system.

- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act,1974 and as amended, and other provisions as contained in the said act.**

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	213.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

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

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	DG Set of 62.50 kVA	Acoustic Enclosure	1.58	HSD 25 Ltr/Hr	1	SO ₂	12 Kg/Day
S-2	DG Set of 320 kVA	Acoustic Enclosure	3.58	HSD 80 Ltr/Hr	1	SO ₂	38.40 Kg/Day
S-3	DG Set of 500 kVA	Acoustic Enclosure	4.50	HSD 100 Ltr/Hr	1	SO ₂	48 Kg/Day
S-4	DG Set of 500 kVA	Acoustic Enclosure			1	SO ₂	48 Kg/Day

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

Total Particular matter	Not to exceed	150 mg/Nm ³
-------------------------	---------------	------------------------

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

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish	Rs. 25 Lacs	15 days	Towards Compliance of EC & C to E conditions.	Commissioning of the project or 5 years whichever is earlier.	Commissioning of the project or 5 years whichever is earlier.

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

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

BG Return details

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



SCHEDULE-IV

Conditions during construction phase

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

General Conditions:

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

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

This certificate is digitally & electronically signed.



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SEIAA-2019/CR-24/SEIAA.
Environment Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 00032.
Date: 15.04.2019

To
M/s. Raheja universal (Pvt.) Ltd.,
Raheja Centre Point, 294, C.S.T. Road,
Kalina, Santacruz (E), Mumbai-400 098.

Sub : Correction in Environmental Clearance Letter issued vide letter dated 1st September, 2018 for Raheja Exotica Proposed Tower on plot bearing CTS NO 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C, village Erangal, Patilwadi Road, Malad(W) by M/s Raheja Universal Pvt. Ltd.

Ref : 1. Application received from PP dated 12.09.2018.
2. EC letter No. SEIAA-EC-0000000394 dated. September 1, 2018.
3. Minutes of 135th meeting of SEIAA dated 10.08.2018.

With reference to above subject matter, it is noted that, you have received Environment Clearance dated September 1, 2018. You have further applied for correction in EC vide above ref. (1). You have requested to correct EC dated 01.09.2018 as below-

Sr. No. / Particular in EC vide above ref. (2)	Details Mention in EC vide above ref. (2)	Correction shall be read as
1	Raheja Exotica Proposed Tower No. 10 & 11	Raheja Exotica
6	Modernization in Housing Project	Expansion of existing residential project
7	Environmental clearance obtained for Building 5, 6, 7, 8, & 9 on 21st June 2016 Vide letter no. SEAC-2015/CR-131/TC-1. Buildings completed prior to EC - bldg. no. 1, 2, 3, 4 club house and 15 villas.	Earlier EC received (SEAC-2015/CR-131/TC-1) dated 21st June, 2016
12	Layout Obtained (No.CHE/702/LOP dated 5th November 2014) IOD/IOA/Concession/Plan Approval Number: Layout Obtained (No.CHE/702/LOP dated 5th November 2014) Approved total Built-up Area: 40296 sq. m.	Layout obtained (No. CHE702/LOP dated 5th November 2014) IOD/IOA/Concession/Plan Approval Number: CHE702/LOP dated 5th November 2014 Approved Total Built-up Area: 147073.8 sq. m. Approved FSI: 97737.2 sq. m. Approved non-FSI: 49336.6 sq. m.
13	NA	Building no. 5A, B and 7 A, B, C have been constructed as per environmental clearance received in 2016.
14	Layout Obtained (No.CHE/702/LOP dated	Layout Obtained (No.CHE/702/LOP dated

	5th November 2014)		5th November 2014)	
18	FSI Area (sq.m.) : 34126		FSI Area (sq.m.) : 220639.21	
	Non FSI Area (sq.m.) : 6170		Non FSI Area (sq.m.) : 158321.82	
	Total BUA Area (sq.m.) : 40296		Total BUA Area (sq.m.) : 378961.25	
19	Ground Coverage : 14488.98		Ground Coverage : 39604.20	
20	16.4%		44.8%	
24	Level of the Ground water table: 26 m		4.15 m	
26	Natural water drainage pattern:	Connecting With Main SWD Channel of the plot	Natural water drainage pattern	Connecting With Main SWD Channel of the plot
	Quantity of storm water	(0.0633 + 0.03224) KLD / sec.	Quantity of storm water	0.095 m ³ / sec.
	Size of SWD:	(0.6 x 0.3 + 0.6 x 0.3) m	Size of SWD	0.6 m (W) x 0.15 m (D)
27	Sewage generation in KLD:	76.74 KLD	Sewage generation in KLD:	Total sewage generation is 786 KLD Tower 10 & 11: 77 KLD
	Capacity of STP (CMD):	Tower No 10 : 70KLD ; Tower No 11 : 10 KLD ; Total : 80 KLD	Capacity of STP (CMD):	Total capacity of all STPs: 835 KLD 80 KLD (70+10) for Tower 10, 11
28	Dry waste:	147 kg/ day	Dry waste:	Total dry waste of project: 1339 kg/ day For tower 10, 11: 123 kg/ day
	Wet waste:	222 kg/ day	Wet waste:	Total wet waste of the project: 2008 kg/ day For tower 10, 11: 184 kg/ day
	STP Sludge (Dry sludge):	8 kg/day	STP Sludge (Dry sludge):	Total STP sludge of project: 39 kg/ day 4 kg/ day for tower 10, 11
	Area for the storage of waste & other material:	Ground (7MX4M) + (7MX4M) (including storage, machinery setup OWC, shredder, storage rack, bins, wash basin etc)	Area for the storage of waste & other material:	Tower 10: basement 1; Tower 11: stilt floor For storage of waste: 32 sq. m. Machinery: 6 sq. m.
35	During Operation phase (Connected load):	6,469 KW	During Operation phase (Connected load):	Total Connected load of all buildings: 42,868 kW 6469 KW for tower 10 and 11

	During Operation phase (Demand load):	2,103 KW	During Operation phase (Demand load):	Total Demand load of all buildings: 16,755 kW 2103 KW for tower 10 and 11
	<ul style="list-style-type: none"> • 20% of External lighting on solar. • Lifts will be with VFD drives and soft starters, which will result in overall 20 % power saving. • Common Area Lighting, mainly LED lights with timer control operation • Solar Hot Water Generation for apartment 		<ul style="list-style-type: none"> • Use of solar energy; • Lifts on VFD; • LED lamps for common area lighting etc.; • Energy efficient plumbing pumps; 	
36	Energy Conservation Measures	Tower No 10: 19.75 % Tower No 11: 20.33%	Energy Conservation Measures	Tower No 10: 22% Tower No 11: 24%

After detailed scrutiny of documents submitted by you, Environment Clearance issued vide letter dated September 1, 2018 is corrected as above.

The terms and conditions stipulated in the EC letter dt.01.09.2018 vide above ref. (2) shall remain the same.



(Anil Diggikar)
Principle Secretary
& Member Secretary, SEIAA



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: September 1, 2018

To,
M/s Raheja Universal Pvt. Ltd.
at CTS NO 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C, village Erangal, Patilwadi Road, Malad(W).

Subject: Environment Clearance for Raheja Exotica Proposed Tower No. 10 & 11

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 61st (Part B) (Day-1)st meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 135th meetings.


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

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

1.Name of Project	Raheja Exotica Proposed Tower No. 10 & 11
2.Type of institution	Private
3.Name of Project Proponent	M/s Raheja Universal Pvt. Ltd.
4.Name of Consultant	Project Proponent : M/s. Raheja Universal Pvt. Ltd.; Architect : M/s. Sunil Ambre and Associates; Environmental Consultant : M/s. Enviro Analysts and Engineers Pvt. Ltd.; MEP Consultant : M/s. John Mech-el Technologies Pvt Ltd.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Modernization in Housing Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environmental clearance obtained for Building 5, 6, 7, 8, & 9 on 21st June 2016 Vide letter no. SEAC-2015/CR-131/TC-1. Buildings completed prior to EC - bldg. no. 1, 2, 3, 4 club house and 15 villas.
8.Location of the project	CTS NO 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C, village Erangal, Patilwadi Road, Malad(W).
9.Taluka	Borivali
10.Village	Erangal
11.Area of the project	Municipal Corporation of Greater Mumbai
12.IOD/IOA/Concession/Plan Approval Number	Layout Obtained (No.CHE/702/LOP dated 5th November 2014) IOD/IOA/Concession/Plan Approval Number: Layout Obtained (No.CHE/702/LOP dated 5th November 2014) Approved Built-up Area: 40296
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Layout Obtained (No.CHE/702/LOP dated 5th November 2014)
15.Total Plot Area (sq. m.)	124078.40 sq.m.
16.Deductions	35778.73 sq.m.
17.Net Plot area	88299.67 sq.m.

SEIAA Meeting No: 135 Meeting Date: August 10, 2018 (SEIAA-STATEMENT-000000619)
SEIAA-MINUTES-000000555
SEIAA-EC-000000394

Page 1 of 14


Shri. Anil Diggikar (Member Secretary SEIAA)

18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 34126
	Non FSI area (sq. m.): 6170
	Total BUA area (sq. m.): 40296
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	14488.98
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	16.4%
21.Estimated cost of the project	1550000000



Government of Maharashtra

22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

23. Total Water Requirement

Dry season:	Source of water	MCGM / treated water from STP
	Fresh water (CMD):	56.59 KLD
	Recycled water - Flushing (CMD):	30.15 KLD
	Recycled water - Gardening (CMD):	24.5 KLD
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	118.64 KLD
	Fire fighting - Underground water tank(CMD):	300 KLD
	Fire fighting - Overhead water tank(CMD):	75 KLD
	Excess treated water	10.5 KLD
Wet season:	Source of water	MCGM/RWH/ treated water from STP
	Fresh water (CMD):	29.73 KLD + 27 KLD(RWH)
	Recycled water - Flushing (CMD):	30.15 KLD
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	67.33 KLD
	Fire fighting - Underground water tank(CMD):	300 KLD
	Fire fighting - Overhead water tank(CMD):	75 KLD
	Excess treated water	35 KLD
Details of Swimming pool (If any)	NA	

24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	26m
	Size and no of RWH tank(s) and Quantity:	Tower no 10 : 4.2m x 4.02m x 3.0m(40kld) ; Tower no 11 : 2.5m x 2.1m x 3.0m(14kld) ; Total : 54 KLD
	Location of the RWH tank(s):	Tower no 10 : Basement 1 & Tower no 11 : Basement 3
	Quantity of recharge pits:	4 percolation pits have been provided. UG tanks have been provided for terrace rain water collection.
	Size of recharge pits :	2.5m diameter
	Budgetary allocation (Capital cost) :	16 Lakhs
	Budgetary allocation (O & M cost) :	6 Lakhs
	Details of UGT tanks if any :	Domestic Water Tank : 60 KLD Flushing Water Tank : 60 KLD (Including Car & Irrigation) Fire Water Tank : 300 KLD RWHTank : 54 KLD Tower no 10 : Basement 1 & Tower no 11 : Basement 3

26.Storm water drainage	Natural water drainage pattern:	Connecting With Main SWD Channel of the plot
	Quantity of storm water:	(0.0633 + 0.03224) KLD / Second
	Size of SWD:	(0.6 x 0.3 + 0.6 x 0.3) Meters

27.Sewage and Waste water	Sewage generation in KLD:	76.74 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	Tower No 10 : 70KLD ; Tower No 11 : 10 KLD ; Total : 80 KLD
	Location & area of the STP:	B1 (Tower No 10) ; B1 (Tower No 11)
	Budgetary allocation (Capital cost):	40 Lakhs
	Budgetary allocation (O & M cost):	12.5 Lakhs

28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction has not yet commenced at Site.
	Disposal of the construction waste debris:	Construction has not yet commenced at Site.
Waste generation in the operation Phase:	Dry waste:	147 KG /DAY
	Wet waste:	222 KG / Day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	8 kg/day
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	To be handed over to Local Recyclers for recycling.
	Wet waste:	To be processed in the OWC. Manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	To be used as a manure
	Others if any:	NA
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	(7MX4M)+((7MX4M) (including storage, machinery setup OWC, shredder, storage rack, bins, wash basin etc)
	Area for machinery:	Same as above
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	25 Lakhs
	O & M cost:	3.9 Lakhs

Government of Maharashtra

29. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			



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30. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

31. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

32. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

33. Source of Fuel: Not applicable

34. Mode of Transportation of fuel to site: Not applicable

35. Energy

Power requirement:	Source of power supply :	Tata
	During Construction Phase: (Demand Load)	150 KVA
	DG set as Power back-up during construction phase	200 KVA
	During Operation phase (Connected load):	6,469 KW
	During Operation phase (Demand load):	2,103 KW
	Transformer:	as per electrical supply company
	DG set as Power back-up during operation phase:	630 KVA for Tower 10 & 900 KVA for Tower 11
	Fuel used:	high speed diesel
	Details of high tension line passing through the plot if any:	no high tension line within the plot

Energy saving by non-conventional method:

- 20% of External lighting on solar.
- Lifts will be with VFD drives and soft starters, which will result in overall 20 % power saving.
- Common Area Lighting, mainly LED lights with timer control operation
- Solar Hot Water Generation for apartment

36. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Tower No 10	19.75 %
2	Tower No 11	20.33%

37.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	50 Lakhs
	O & M cost:	8 Lakhs

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water sprinkling	Water sprinkling	10
2	Health, safety & first aid facility	Health, safety & first aid facility	8
3	Sanitary facility and waste water management	Sanitary facility and waste water management	12
4	Environmental Monitoring (Noise, Water & Soil-Project site (4 times a year)	Environmental Monitoring (Noise, Water & Soil-Project site (4 times a year)	20
5	Total	Total	50

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Management	STP	40	12.5
2	Water Management	Rain water harvesting	16	6
3	Energy	Energy Saving	50	8
4	Landscaping	Gardening	37	18
5	Solid waste management	OWC	25	3.9
6	Fire Fighting	Fire fighting equipments	339	17
7	Total	Total	507	65.4

39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Any Other Information

No Information Available



Government of Maharashtra

	CRZ/ RRZ clearance obtain, if any:	CRZ clearance obtained dated 16/10/2001 (TPB 2001/1565/CR-189/2001/UD-12)
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	The project site is 9.81 Km away (aerial distance) from Sanjay Gandhi National Park.
	Category as per schedule of EIA Notification sheet	B2-8(a)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	24-04-2017

3. The proposal has been considered by SEIAA in its 135th 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:

Specific Conditions:

I	PP to submit and upload the layout submitted for earlier EC showing RG.
II	PP to revise EIA report submitted for earlier EC considering proposed expansion and upload the same.
III	PP should not compute TDR and FSI of CRZ area in total built up area of the proposed expansion
IV	This is subject to CRZ Clearance if required.

General Conditions:

I	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
II	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
III	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily imply that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
IV	PP has to abide by the conditions stipulated by SEAC & SEIAA.
V	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along 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.
VI	If applicable "Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
VII	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
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	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.
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	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.
XVI	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.
XVII	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.
XVIII	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
XIX	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
XX	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
XXI	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.
XXII	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).
XXIII	Ready mixed concrete must be used in building construction.
XXIV	Storm water control and its re-use as per CGWB and BIS standards for various applications.
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
XXVII	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.
XXVIII	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
XXIX	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
XXX	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
XXXI	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.
XXXII	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
XXXIII	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.

XXXIV	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
XXXV	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.
XXXVI	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
XXXVII	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
XXXVIII	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
XXXIX	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.
XL	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
XLI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
XLII	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.
XLIII	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and 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 http://ec.maharashtra.gov.in .
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 , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
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.
LV	This is subject to CRZ Clearance if required.



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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 Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

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

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


Shri. Anil Diggikar (Member Secretary SEIAA)

Copy to:

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. MUNICIPAL COMMISSIONER MUMBAI
10. MUNICIPAL COMMISSIONER NAVI MUMBAI
11. REGIONAL OFFICE MPCB MUMBAI
12. REGIONAL OFFICE MPCB NAVI MUMBAI
13. REGIONAL OFFICE MIDC ANDHERI
14. REGIONAL OFFICE MIDC KOPER KHAIRANE NAVI MUMBAI
15. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
16. COLLECTOR OFFICE MUMBAI
17. COLLECTOR OFFICE MUMBAI SUB-URBAN

Ambient Air Quality Monitoring Report

Report No. - EAEPL/A/08/23/01313		Report Date - 06.09.2023	
ULR Number: TC1118923000001037F			
Name of Customer	M/s. Raheja Universal Pvt. Ltd.		
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		Reference – RUPL/ARCH/EXOTICA/Q/PMR/118/2023
Nature and Description of Sample	Ambient Air	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/A/08/23/01313 (Near Main Gate of Site)	Sample quantity and packing	PM ₁₀ = 1 * 1 No. Filter paper. PM _{2.5} = 1 * 1 No. Filter paper. SO ₂ = 30ml * 2 No. PVC bottle. NO ₂ = 30ml * 2 No. PVC bottle.
		Sample Preservation	Cool -Transported and stored at 5 °C (± 1°C).
Date of Sampling	28.08.2023	Date of Receipt	29.08.2023
Sampling Procedure	EAEPL/LAB/SOP/01		
Period of Analysis	29.08.2023 to 30.08.2023		
Report for the month	August, 2023		

Discipline: Chemical


Group: Atmospheric Pollution

Environmental Conditions			
Ambient Air Temperature (°C)	Relative Humidity (%)	Duration of Monitoring	
30°C	56%	8 Hours	
RESULTS			
Tests Parameter	Results	NAAQS LIMITS	METHOD
Particulate Matter (PM ₁₀)	82.99	100 µg/m ³	IS 5182 (Part 23) 2006 Reaffirmed 2017
Particulate Matter (PM _{2.5})	43.74	60 µg/m ³	IS 5182 (Part 24) 2019
Sulphur Dioxide (SO ₂)	23.09	80 µg/m ³	IS 5182 Part-2 (2001) Reaffirmed 2017
Nitrogen Dioxide (NO ₂)	25.14	80 µg/m ³	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.,



Authorized Signatory
(Netra Pawar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

Water Sample Analysis Report

Report No. - EAEPL/W/08/23/01314		Report Date - 06.09.2023	
ULR Number: TC1118923000001038F			
Name of Customer	M/s. Raheja Universal Pvt. Ltd.		
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		Reference - RUPL/ARCH/EXOTICA/Q/PMR/118/2023
Nature and Description of Sample	Tanker Water Sample	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/W/08/23/01314 (Near Backside of 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	28.08.2023	Date of Receipt	29.08.2023
Sampling Procedure	EAEPL/LAB/SOP/02		
Period of Analysis	29.08.2023 to 06.09.2023		
Report for the month	August, 2023		

Discipline: Chemical


Group: Water

Parameters	Unit	Results	Method
pH	-	7.54	IS 3025 (Part 11) 2022
Total Dissolved Solid	mg/l	88.00	IS 3025 (Part 16) (1984) Reaffirmed 2017
Turbidity	NTU	< 1.00	IS 3025 (Part 10) (1984) Reaffirmed 2017
Alkalinity	mg/l	51.25	IS 3025 (Part 23) (1986) Reaffirmed 2019
Chlorides as Cl	mg/l	13.46	IS 3025 (Part 32) (1988) Reaffirmed 2019
Total Hardness	mg/l	54.05	IS 3025 (Part 21) (2009) Reaffirmed 2019
Calcium	mg/l	12.02	IS 3025 (Part 40) (1991) Reaffirmed 2019
Residual chlorine	mg/l	ND	IS 3025 (Part 26) 2021
Sulphate	mg/l	12.56	IS 3025 (Part 24) Sec1:2022
Nitrate	mg/l	ND	APHA 4500 NO ₃ -B (23 rd Edition)
Fluoride	mg/l	ND	APHA 4500 F, D (23 rd Edition)
Heavy Metals:			
Iron (Fe)	mg/l	ND	IS 3025 (Part 2) 2019
Copper (Cu)	mg/l	ND	IS 3025 (Part 2) 2019
Zinc (Zn)	mg/l	ND	IS 3025 (Part 2) 2019
Lead (Pb)	mg/l	ND	IS 3025 (Part 2) 2019
Chromium (Cr)	mg/l	ND	IS 3025 (Part 2) 2019

Note: ND - Not Detected

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).

2. This report is not to be reproduced except in full, without written approval of the laboratory.

Water Sample Analysis Report

Report No. - EAEPL/W/08/23/01314		Report Date – 06.09.2023	
ULR Number: TC1118923000001038F			
Name of Customer	M/s. Raheja Universal Pvt. Ltd.		Reference – RUPL/ARCH/EXOTICA/Q/PMR/118/2023
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		
Nature and Description of Sample	Tanker Water Sample	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/W/08/23/01314 (Near Backside of Site)	Sample quantity and packing	250ml X 1 No. St. PP Bottle
		Sample Preservation	Cool -Transported and stored at 5 °C (± 1°C).
Date of Sampling	28.08.2023	Date of Receipt	29.08.2023
Sampling Procedure	EAEPL/LAB/MB/SOP/17		
Period of Analysis	29.08.2023 to 31.08.2023		
Report for the month	August, 2023		

Discipline: Biological

Group: Water

Parameters	Unit	Results	Method
Microbiological Analysis:			
Coliforms	MPN/100ml	< 2	IS 1622:1981 Reaffirmed 2019
<i>E. coli</i>	MPN/100ml	< 2	IS 1622:1981 Reaffirmed 2019

End

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



 Authorized Signatory
 (Shweta Sorawane)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
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Soil Sample Analysis Report

Report No. - EAEPL/S/08/23/01315		Report Date - 06.09.2023	
ULR Number: TC111892300001039F			
Name of Customer	M/S. Raheja Universal Pvt. Ltd.		
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965,2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		Reference - RUPL/ARCH/EXOTICA/Q/PMR/118/2023
Nature and Description of Sample	Soil	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/S/08/23/01315 (Centreside of Site)	Sample quantity and packing	1000gm X 1 Zip lock bag
		Sample Preservation	Transported & stored in dry area.
Date of Sampling	28.08.2023	Date of Receipt	29.08.2023
Sampling Procedure	EAEPL/LAB/SOP/03		
Period of Analysis	29.08.2023 to 05.09.2023		
Report for the month	August, 2023		


Discipline: Chemical

Group: Soil & Rock

Parameters	Unit	Results	Methods
pH	-	8.08	IS 2720 (Part 26):1987, Reaffirmed:2021
Electrical Conductivity	µS/cm	850.00	IS 14767:2000, Reaffirmed:2021
Organic Matter	%	1.53	IS 2720 (Part 22) - 1972 (Reaffirmed 2020)
Total Kjeldhal Nitrogen	mg/kg	738.61	IS 14684:1999 (Reaffirmed 2019)
Soil Moisture	%	25.41	IS 2720 (Part 02):1973 (Reaffirmed 2020) Oven drying method
Water Holding Capacity	%	33.76	EAEPL/LAB/SOP/SOIL/10
Available Phosphorus	mg/kg	1.69	EAEPL/LAB/SOP/SOIL/11
Calcium	mg/kg	2315.87	EPA 9080
Magnesium	mg/kg	212.36	EPA 9080
Chlorides	mg/kg	112.00	EAEPL/LAB/SOP/SOIL/03
Sulphate	mg/kg	31.20	IS 2720 (Part 27):1977 (Reaffirmed 2020)
Potassium (K)	mg/kg	481.86	EPA 3050B
Sodium (Na)	mg/kg	826.05	EPA 3050B
Heavy Metals:			
Copper	mg/kg	111.52	EPA 3050B
Iron	mg/kg	63881.05	EPA 3050B
Lead	mg/kg	6.88	EPA 3050B
Zinc	mg/kg	154.20	EPA 3050B

End

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



 Authorized Signatory
 (Netra Pawar)

 Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
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Ambient Noise Level Monitoring Report

Report No. - EAEPL/N/08/23/01316		Report Date - 06.09.2023	
ULR Number: TC1118923000001040F			
Name of Customer	M/s. Raheja Universal Pvt. Ltd.		
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		Reference - RUPL/ARCH/EXOTICA/Q/PMR/118/2023
Nature and Description of Sample	Ambient Noise	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/N/08/23/01316	Sample quantity and packing	Not Applicable
Date of Sampling	28.08.2023	Date of Receipt	Not Applicable
Sampling Procedure	EAEPL/LAB/SOP/04		
Period of Analysis	Not Applicable		
Report for the month	August, 2023		

Discipline: Chemical

Group: Atmospheric Pollution

Monitoring Locations	Units	Results		CPCB Norms	
		Day Time	Night Time	Day	Night
Near Backside of Site	dB(A) Leq.	54.8	44.6	55	45
Near Centreside of Site	dB(A) Leq.	54.6	43.5	55	45
Near Main Gate of Site	dB(A) Leq.	54.8	43.4	55	45
Near Site Office	dB(A) Leq.	53.7	44.7	55	45

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

End

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



Authorized Signatory
(Netra Pawar)

 Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
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Stack Emission Analysis Report

Report No. - EAEPL/SE/08/23/01317		Report Date -06.09.2023	
ULR Number: TC1118923000001041F			
Name of Customer	M/S. Raheja Universal Pvt. Ltd.		
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965,2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		Reference - RUPL/ARCH/EXOTICA/Q/PMR/118/2023
Nature and Description of Sample	Stack	Sample Collected by	EAEPL Laboratory.
Sampling locations and Sample Code	DG Set (500 KVA)	Sample quantity and packing	SO ₂ = 30ml X 1 Nos. PVC bottle. PM = 1 X 1 No. Thimble
	EAEPL/SE/08/23/01317	Preservation	Cool -Transported and stored at 5 °C (± 1°C)
Date of Sampling	28.08.2023	Date of Receipt	29.08.2023
Sampling Procedure	Indian Standard Method for measurement of emissions from stationary sources, 11255 (Part 3)		
Period of Analysis	29.08.2023 to 30.08.2023		
Report for the month	August, 2023		

Discipline: Chemical

Group: Atmospheric Pollution

Sr. No.	Particulars	Results	MPCB Limits	Method
1	Particulate Matter (PM)	13.97 mg/Nm ³	150 mg/Nm ³	IS 11255 (Part 1) 1985 Reaffirmed 2019
2	Sulphur Dioxide (SO ₂)	4.63 kg/day	-	IS 11255 (Part 2) 1985 Reaffirmed 2019

Stack Details	
Name of Source	DG Set
Stack attached to	Diesel Generator
Stack Height from ground level, (m)	4.5
Type of Fuel used	Diesel
Temperature of Flue Gas (°C)	123
Flue Gas Velocity (m/sec)	12.47

-----End-----

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


 Authorized Signatory
 (Netra Pawar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
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Ambient Air Quality Monitoring Report

Report No. - EAEPL/A/05/23/00625A		Report Date - 19.05.2023	
Name of Customer	M/s. Raheja Universal Pvt. Ltd.		
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		Reference - RUP/ARCH/EXOTICA/Q/PMR/118/2023
Nature and Description of Sample	Ambient Air	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/A/05/23/00625A (Near Main Gate of Site)	Sample quantity and packing	PM ₁₀ = 1 * 1 No. Filter paper. PM _{2.5} = 1 * 1 No. Filter paper. SO ₂ = 30ml * 2 No. PVC bottle. NO ₂ = 30ml * 2 No. PVC bottle.
		Sample Preservation	Cool -Transported and stored at 5 °C (± 1°C).
Date of Sampling	11.05.2023	Date of Receipt	12.05.2023
Sampling Procedure	EAEPL/LAB/SOP/01		
Period of Analysis	12.05.2023 to 13.05.2023		
Report for the month	May, 2023		

Discipline: Chemical

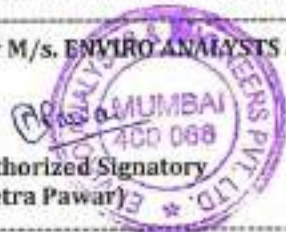
Group: Atmospheric Pollution

Environmental Conditions			
Ambient Air Temperature (°C)	Relative Humidity (%)	Duration of Monitoring	
33°C	64%	8 Hours	
RESULTS			
Tests Parameter	Results	NAAQS LIMITS	METHOD
Particulate Matter (PM ₁₀)	84.79	100 µg/m ³	IS 5182 (Part 23) 2006 Reaffirmed 2017
Particulate Matter (PM _{2.5})	46.24	60 µg/m ³	IS 5182 (Part 24) 2019
Sulphur Dioxide (SO ₂)	23.65	80 µg/m ³	IS 5182 Part-2 (2001) Reaffirmed 2017
Nitrogen Dioxide (NO ₂)	26.42	80 µg/m ³	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.,

 Authorized Signatory
(Netra Pawar)

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Water Sample Analysis Report

Report No. - EAEPL/W/05/23/00625B		Report Date - 19.05.2023	
Name of Customer	M/s. Raheja Universal Pvt. Ltd.		
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1995, 2053-D, 2053-E, 2055-C, Village Erangel, Patilwadi Road, Malad (W), Tal. Mumbai.		Reference - RUP/ARCH/EXOTICA/Q/PMR/118/2023
Nature and Description of Sample	Tanker Water Sample	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/W/05/23/00625B (Near Backside of 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	11.05.2023	Date of Receipt	12.05.2023
Sampling Procedure	EAEPL/LAB/SOP/02		
Period of Analysis	12.05.2023 to 19.05.2023		
Report for the month	May, 2023		

Discipline: Chemical

Group: Water

Parameters	Unit	Results	Method
pH	-	7.48	IS 3025 (Part 11) 2022
Total Dissolved Solid	mg / l	122.00	IS 3025 (Part 16) (1984) Reaffirmed 2017
Turbidity	NTU	< 1.00	IS 3025 (Part 10) (1984) Reaffirmed 2017
Alkalinity	mg / l	65.98	IS 3025 (Part 23) (1986) Reaffirmed 2019
Chlorides as Cl	mg / l	21.29	IS 3025 (Part 32) (1988) Reaffirmed 2019
Total Hardness	mg / l	64.52	IS 3025 (Part 21) (2009) Reaffirmed 2019
Calcium	mg / l	18.44	IS 3025 (Part 40) (1991) Reaffirmed 2019
Residual chlorine	mg / l	ND	IS 3025 (Part 26) 2021
Sulphate	mg / l	19.10	IS 3025 (Part 24) Sec1:2022
Nitrate	mg / l	ND	APHA 4500 NO ₃ -B (23 rd Edition)
Fluoride	mg / l	ND	APHA 4500 F, D (23 rd Edition)
Heavy Metals:			
Iron (Fe)	mg / l	0.12	IS 3025 (Part 2) 2019
Copper (Cu)	mg / l	ND	IS 3025 (Part 2) 2019
Zinc (Zn)	mg / l	ND	IS 3025 (Part 2) 2019
Lead (Pb)	mg / l	ND	IS 3025 (Part 2) 2019
Chromium (Cr)	mg / l	ND	IS 3025 (Part 2) 2019

Note: ND - Not Detected

-----End-----

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

Authorized Signatory
(Shilpa Dhamankar)

Note: 1. The results mentioned above refers only to the tested sample(s) and applicable parameter(s).
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Water Sample Analysis Report

Report No. - EAEPL/W/05/23/006258		Report Date – 19.05.2023	
Name of Customer	M/s. Raheja Universal Pvt. Ltd.		Reference – RUPL/ARCH/EXOTICA/Q/PMR/118/2023
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		
Nature and Description of Sample	Tanker Water Sample	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/W/05/23/006258 (Near Backside of Site)	Sample quantity and packing	250ml X 1 No. St. PP Bottle
		Sample Preservation	Cool -Transported and stored at 5 °C (± 1°C).
Date of Sampling	11.05.2023	Date of Receipt	12.05.2023
Sampling Procedure	EAEPL/LAB/MB/SQP/17		
Period of Analysis	12.05.2023 to 17.05.2023		
Report for the month	May, 2023		

Discipline: Biological

Group: Water

Parameters	Unit	Results	Method
Microbiological Analysis:			
Coliforms	MPN/100ml	< 2	IS 1622:1981 Reaffirmed 2019
E. coli	MPN/100ml	< 2	IS 1622:1981 Reaffirmed 2019

-----End-----

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

 Authorized Signatory
(Shweta Sonawane)

 Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
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Soil Sample Analysis Report

Report No. - EAEPL/S/05/23/00625C		Report Date - 19.05.2023	
Name of Customer	M/S. Raheja Universal Pvt. Ltd.		
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965,2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		Reference - RUPL/ARCH/EXOTICA/Q/PMR/118/2023
Nature and Description of Sample	Soil	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/S/05/23/00625C (Centreside of Site)	Sample quantity and packing	1000gm X 1 Zip lock bag
		Sample Preservation	Transported & stored in dry area.
Date of Sampling	11.05.2023	Date of Receipt	12.05.2023
Sampling Procedure	EAEPL/LAB/SOP/03		
Period of Analysis	12.05.2023 to 19.05.2023		
Report for the month	May, 2023		

Discipline: Chemical

Group: Soil & Rock

Parameters	Unit	Results	Methods
pH	-	7.96	IS 2720 (Part 26):1987, Reaffirmed:2021
Electrical Conductivity	µS/cm	682.36	IS 14767:2000, Reaffirmed:2021
Organic Matter	%	1.98	IS 2720 (Part 22) - 1972 (Reaffirmed 2020)
Total Kjeldhal Nitrogen	mg/kg	812.34	IS 14684:1999 (Reaffirmed 2019)
Soil Moisture	%	18.56	IS 2720 (Part 02):1973 (Reaffirmed 2020) Oven drying method
Water Holding Capacity	%	32.64	EAEPL/LAB/SOP/SOIL/10
Available Phosphorus	mg/kg	1.48	EAEPL/LAB/SOP/SOIL/11
Calcium	mg/kg	2035.19	EPA 9080
Magnesium	mg/kg	189.36	EPA 9080
Chlorides	mg/kg	108.28	EAEPL/LAB/SOP/SOIL/03
Sulphate	mg/kg	32.60	IS 2720 (Part 27):1977 (Reaffirmed 2020)
Potassium (K)	mg/kg	712.35	EPA 3050B
Sodium (Na)	mg/kg	1023.65	EPA 3050B
Heavy Metals:			
Copper	mg/kg	126.48	EPA 3050B
Iron	mg/kg	68493.25	EPA 3050B
Lead	mg/kg	12.35	EPA 3050B
Zinc	mg/kg	148.27	EPA 3050B

End

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

 Authorized Signatory
(Netra Pawar)

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Ambient Noise Level Monitoring Report

Report No. - EAEPL/N/05/23/00625D		Report Date - 19.05.2023	
Name of Customer	M/s. Raheja Universal Pvt. Ltd.		
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		Reference - RUPL/ARCH/EXOTICA/Q/PMR/118/2023
Nature and Description of Sample	Ambient Noise	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/N/05/23/00625D	Sample quantity and packing	Not Applicable
Date of Sampling	11.05.2023	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 Backside of Site	dB(A) Leq.	54.2	43.9	55	45
Near Centreside of Site	dB(A) Leq.	53.7	44.2	55	45
Near Main Gate of Site	dB(A) Leq.	54.3	44.7	55	45
Near Site Office	dB(A) Leq.	54.6	43.9	55	45

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

End

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

 Authorized Signatory
(Netra Pawar)

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Stack Emission Analysis Report

Report No. - EAEPL/SE/05/23/00625E		Report Date -19.05.2023	
Name of Customer	M/S. Raheja Universal Pvt. Ltd.		
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		Reference - RUPL/ARCH/EXOTICA/Q/PMR/118/2023
Nature and Description of Sample	Stack	Sample Collected by	EAEPL Laboratory.
Sampling locations and Sample Code	DG Set (500 KVA)	Sample quantity and packing	SO ₂ = 30ml X 1 Nos. PVC bottle. PM = 1 X 1 No. Thimble
	EAEPL/SE/05/23/00625E	Preservation	Cool -Transported and stored at 5 °C (± 1°C)
Date of Sampling	11.05.2023	Date of Receipt	12.05.2023
Sampling Procedure	Indian Standard Method for measurement of emissions from stationary sources, 11255 (Part 3)		
Period of Analysis	12.05.2023 to 13.05.2023		
Report for the month	May, 2023		

Discipline: Chemical


Group: Atmospheric Pollution

Sr. No.	Particulars	Results	MPCB Limits	Method
1	Particulate Matter (PM)	14.76 mg/Nm ³	150 mg/Nm ³	IS 11255 (Part 1) 1985 Reaffirmed 2019
2	Sulphur Dioxide (SO ₂)	4.12 kg/day	-	IS 11255 (Part 2) 1985 Reaffirmed 2019

Stack Details	
Name of Source	DG Set
Stack attached to	Diesel Generator
Stack Height from ground level, (m)	4.5
Type of Fuel used	Diesel
Temperature of Flue Gas (°C)	124
Flue Gas Velocity (m/sec)	10.56

-----End-----

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



Authorized Signatory
(Netra Pawar)

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Training For Labour



Fumigation



Fumigation



STP Tanks



Tree Plantation



Tree Plantation



Drinking Water For Labour



Water for Labour (Bathing and washing clothes)



Hutments for Labour



Toilets for Labour