

Date: 10th February, 2023

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

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

Project Romell Real Estate Pvt. Ltd.
Environmental Clearance of Proposed Information
Technology Park "R Tech Park" on plot bearing CTS No.
586/2, 586/4, 586/6 and 586/7 at Village Pahadi,
Goregaon (East), Mumbai, Maharashtra

EC No. File. No. 21-7/2006-IA-III on dated 16.10.2006

Dear Sir,

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

Thanking you,
Yours faithfully,
Romell Real Estate Pvt. Ltd.



Project Proponent

Enclosure: A hard copy of the compliance and monitoring report

CC copy to:

1. Regional officer, Maharashtra Pollution Control Board, R.O. Mumbai, at Sion, Mumbai
2. Member Secretary, Maharashtra Pollution Control Board, Sion, Mumbai
3. Member Secretary, State Environmental Impact Assessment Authority, Govt. of Maharashtra, Mumbai

o/c
14/02/23
Maharashtra Pollution Control Board
Kalpataru Point, 2nd Floor, Sion Circle,
Opp. Cine Planet, Sion (East),
Mumbai - 400 022.
Tel. 2400437 / 24020781.
Website: www.mpcb.gov.in

CINU7010010119955TC094736

Registered Address : 101, B Wing, Gharkul CHSL, Misquitta Street, Azad Road, Vile Parle East, Mumbai - 400 057
Corporate Office : 4th Floor, Prius Infinity, Near Garware Chowk, Subhash Road, Vile Parle East, Mumbai - 400 057
Tel No. +91 22 4897 9200, Website : www.romellgroup.com



Ajeet Kumar CMD <mahabal.thane@gmail.com>

EC Compliance monitoring Report Submission_ April 2022 to September 2022_Romell Real Estate Pvt. Ltd. "R Tech Park" on plot bearing CTS No. 586/2, 586/4, 586/6 and 586/7 at Village Pahadi, Goregaon East, Mumbai, Maharashtra

mahabal.thane@gmail.com <mahabal.thane@gmail.com>

Fri, Feb 10, 2023 at 7:00 PM

To: ecompliance-mh@gov.in

Cc: priyankashinde <priyankashinde@ymail.com>, Suchita Tare <suchita@romellgroup.com>

To,
The Director
Integrated Regional Office,
Ministry of Environment, Forest and Climate Change,
Ground Floor, East wing,
New Secretariat Building,
Civil lane, Nagpur-440001

Dear Sir,

Please find attached herewith the half-yearly compliance monitoring report of Romell Real Estate Pvt. Ltd. of Proposed Information Technology Park "R Tech Park" on plots bearing CTS No. 586/2, 586/4, 586/6 and 586/7 at Village Pahadi, Goregaon East, Mumbai, Maharashtra for the duration April 2022 to September 2022.

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Regards, Gaurav Patil 9082288339

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Office of: [Mahabal Enviro Engineers Pvt. Ltd.- THANE BRANCH](#)

Plot F 7, Road 21, MIDC Wagle Estate, Thane West-400604

(Turn opp. Toyota showroom @ Golden Nest Hotel >>straight>> 550m)

Phone: [022-35097207](tel:022-35097207)/[9137566620](tel:9137566620)/[8928386332](tel:8928386332) Email: mahabal.thane@gmail.com

PLEASE NOTE THIS IS COMMON EMAIL ID USED BY ALL STAFF MEMBERS FOR GENERAL COMMUNICATION ONLY.

**Compliance Report Romell R Tech park_April 2022 to September 2022.pdf**

11737K

Romell Real Estate Pvt.Ltd

Environmental Clearance

Compliance Report

April 2022 to September 2022

“R Tech Park”

at C.T.S. No. 586/2,586/4, 586/6 and 586/7 at village pahadi, Goregaon (East), Mumbai, Maharashtra by Romell Real Estate Pvt.Ltd.

**(Environmental Clearance Letter no.
F. No. 21-7/2006-IA-III on dated 16.10.2006)**

CONSULTANT



Mahabal Enviro Engineers Pvt. Ltd.

Engineers, Consultants, Environmental Monitoring Laboratory & Contractors

F-7, Road 21, MIDC Wagle Estate, Thane-400604. Phone:022-25823154 thane@mahabal.com

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Compliance Status of EC Conditions

Filed No. 21-7/2006-IA-III dated 16.10.2006

No	Condition	Compliance	☑	P
Part A	<u>Construction phase:</u>			
(i)	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Adequate sanitary and hygienic measures are provided. Temporary toilets are provided for gents and ladies workers at site. These are maintained in clean and operative condition for complete period of construction.		
(ii)	Soil and ground water samples will be tased to ascertain that there is no threat to groundwater quality by leaching of heavy metals and other toxic contaminants.	Soil and ground water samples from the project site are tested. Monitoring report for the month of April 2022 to September 2022 is attached.	✓	
(iii)	A first Aid Room will be provided at the project site both during construction and operation of the project.	PP provided a first aid kit at the project site during the construction phase also weekly Doctor visits arranged for construction workers.		
(iv)	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Drinking water provided by BMC. Adequate sanitary and hygienic measures are provided. Shelters, clean spaces and solid waste disposal bins and toilets are provided at site. These are maintained in clean and operative condition for complete period of construction.		
(v)	All the top soil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	Excavated soil used for land leveling and leveling and landscape development.		

No	Condition	Compliance	☑	P
(vi)	Disposal of muck including excavated material during construction phase should not create any adverse effects on the neighboring communities and be disposed off taking the necessary precaution for general safety and health aspects of people.	Re-utilization & recycling strategy for construction waste is disposed as per MCGM's guidelines by paying the royalty. All safety precaution have been taken by the PP The safety nets, safety equipment's to the workers, barricading to plot boundary, water spraying at source of dust (twice in a day) and noise pollution mitigation measures are taken.		
(vii)	Diesel power generating sets used during construction phase should be of "enclosed type" to prevent noise and should conform to rules made under Environment (protection) Act 1986, prescribe for air and noise emission standards.	D.G Sets not used during construction phase.		
(viii)	Vehicles hired for bringing construction material at site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peaking hours.	PP complied with the condition. Vehicles hired for construction activities were operated only during non-peak hours. Also, the vehicles hired for bringing construction material to the site are checked for PUC at main gate.		
(ix)	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.	The day and night ambient noise levels within project area are monitored through MoEF approved lab. Noise Monitoring reports for the month of April 2022 to September 2022 is provided.	✓	
(x)	Construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.	PP has complied with the condition. No contamination and leaching happened into the groundwater.		

No	Condition	Compliance	☑	P
(xi)	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.	Yes, regular supervision is be done in order to avoid disturbance to the surroundings.		
II	Operation Phase			
(i)	During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply	The day and night ambient noise levels within project area are monitored through MoEF approved lab. Noise Monitoring reports for the month of April 2022 to October 2022 is provided.	✓	
(ii)	Oil & Grease trap shall be provided to remove oil and grease from the surface run off and suspended matter shall be removed in a setting tank before its utilization for rainwater harvesting.	PP complied with the condition.		
(iii)	The leachate from vermi-composting shall be treated in sewage treatment plant.	PP complied with the condition.		
(iv)	The sewage treatment plant (STP) should be certified by an independent expert for efficiency as well as the adequacy and should submit a report in this regard to the Ministry before the project is commissioned for operation. This wastewater should be treated to tertiary level and after treatment reused for flushing of toilets and gardening. Discharge of treated sewage shall conform to the norms & standards prescribed by Maharashtra state pollution control Board.	PP complied with the condition.		
(v)	Noise barriers should be provided at appropriate locations so as to ensure that the noise levels do not exceed the prescribed standards.	PP complied with the condition.		
(vi)	The solid waste generated should be properly collected & segregated before disposal to the city Municipal Facility. Wet garbage should be disposed by the vermi-culture method.	PP complied with the condition. Wet garbage is composted in Organic waste composter and non-biodegradable waste is disposed off to approved sites.		
(vii)	Any hazardous waste including biomedical waste should be disposed of as per applicable Rules & norms with necessary approvals of the Maharashtra state pollution Control Board.	PP complied with the condition. As it is a residential project no hazardous waste is generated at the site.		

No	Condition	Compliance	☑	P
(viii)	Diesel power generating sets proposed as source of backup power for lifts and common area illumination should be of “ enclosed type” and conform to rules made under Environment (protection) Act 1986, prescribed for air and noise emission standards as per CPCB guidelines. Exhausts should be discharged by stack, raised to 4 meters above the rooftop.	PP complied with the condition. D.G. Set of capacity 1 x 500 kVA provided is of enclosed type, which is of enclosed type and uses diesel as a fuel.		√
(ix)	The green belt design along the periphery of plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous variety.	PP complied with the condition. Trees are provided along the periphery of the building.		
(x)	Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored after commissioning of the project.	PP complied with the condition. Air, Noise and water quality are monitored periodically. Monitoring reports are attached.	√	
(xi)	The ground water levels and its quality should be monitored regularly.	Noted by PP		
(xii)	Adequate measure should be taken to avoid any traffic congestion near the entry and exit points from the roads adjoining the proposed project site.	PP complied with the condition.		
(xiii)	A Report on the energy conservation measures should be prepared incorporating details about building materials & technology, R & U Factors etc. and submitted to the Ministry in three months’ time.	Noted by PP		
(xiv)	The values of R & U for the building envelops should meet the requirements of the hot & humid climatic location. Details of the building envelope should be worked out and furnished in three months’ time.	Noted by PP.		
Part B	General Condition			
(i)	The environmental safeguards contained in the EIA Report should be implemented in letter and spirit.	Noted by PP.		
(ii)	Provision should be made for the supply of kerosene or cooking gas and pressure cooker to the laborers during construction phase.	Noted by PP.		

No	Condition	Compliance	☑	P
(iii)	All the laborers to be engaged for construction works should be screened for health and adequately treated before the issue of work permits.	PP complied with the condition. Construction worker's health was monitored regularly during the construction phase.	✓	
(iv)	6 monthly monitoring reports should be submitted to the Ministry and its Regional Office.	PP submitted the six-monthly monitoring reports to the department of MPCB Regional Officer, MoEF, Nagpur and Env. Dept. Mumbai. Previously submitted reports acknowledgment copy is attached. Monitoring reports for the month of April 2022 to September 2022 is attached.	✓	
(v)	Officials from the Regional office of MOEF, Bhopal who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all documents submitted to MoEF should be forwarded to the CCF, Regional office of MoEF, Bhopal.	PP complied with the condition.		
(vi)	In the case of any changes(s) in the scope of the project, the project would require a fresh appraisal by the Ministry.	Noted by PP.		
(vii)	The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (protection) Act,1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted by PP.		
(viii)	All other statutory clearances such as the approvals for storage of diesel from chief controller of explosives, Fire Department, Civil Aviation Department (if required),CRZ Regulations etc. shall be obtained by project proponents from the competent authorities.	Noted by PP.		
(ix)	A copy of the environmental clearance letter would be marked to the local NGO(s), if any, from whom suggestion/representation were received at the time of public hearing.	Noted by PP.		

No	Condition	Compliance	☐	P
(x)	The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Maharashtra State Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at http://www.envfor.nic.in . The advertisement should be made within 7 days from the day of issue of the clearance letter and copy of the same should be forwarded to the Regional office of this Ministry at Bhopal.	Noted by PP.		
(xi)	These stipulations would be enforced among others under the provisions of the water(prevention and control of pollution) Act,1974, the Air(prevention and control of pollution) act, 1981, the Environment (protection)Act,1986, the public Liability (Insurance) Act, 1991 and EIA Notification, 1994 including the amendments.	Noted by PP.	✓	
(xii)	The project authority will entre in MOU with all buyers of the property/flat etc. to ensure operation and maintenance of the assets handed over to the society formed by the residents/owners of the buildings.	Noted by PP.		

Annexure I
SITE PHOTOGRAPHS

Entry gate



Exit gate



RG area



Fire fighting equipment's



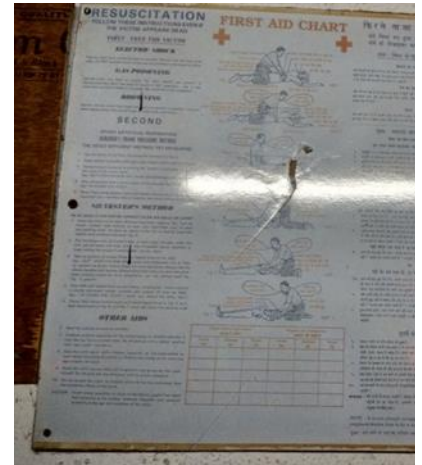
Sanitary facility in site



Sanitary facility on site for handicap



Sanitary facility on site for handicap



SELECT THE SUITABLE TYPE OF FIRE EXTINGUISHER
अग्निशामक यंत्र का सही उपयोग कीजिए।

TYPE OF FIRE EXTINGUISHER अग्निशामक यंत्र के प्रकार	FLAMING SOLID (A)		LIQUID (B)		GAS (C)	
	TYPE OF FIRE	TYPE OF EXTINGUISHER	TYPE OF FIRE	TYPE OF EXTINGUISHER	TYPE OF FIRE	TYPE OF EXTINGUISHER
1. SOLID	✓	BC	✓	BC	✓	ABC
2. LIQUID	✓	BC	✓	BC	✓	ABC
3. GAS	✓	BC	✓	BC	✓	ABC
4. ELECTRICAL	✓	BC	✓	BC	✓	ABC
5. OIL	✓	BC	✓	BC	✓	ABC
6. GREASE	✓	BC	✓	BC	✓	ABC
7. OTHER	✓	BC	✓	BC	✓	ABC

STP on site



Rain water harvesting system



Transformer on site



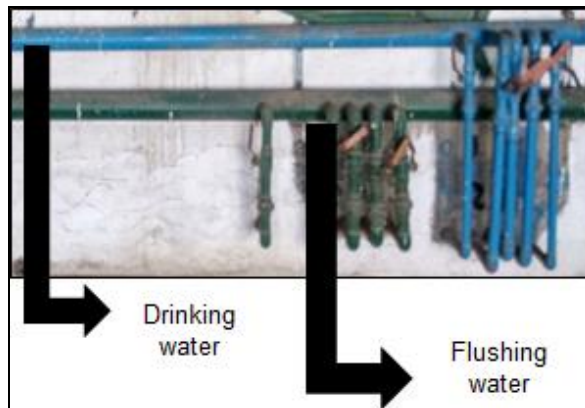
Sewer line



Cateen facility for staff



Dual plumbing line



DG set



Diesel storage tank for DG set



Annexure II
ENVIRONMENT CLEARANCE LETTER

By Speed Post

No. 21-7/2006-IA.III
Government of India
Ministry of Environment and Forests
(I. A. Division)

Paryavaran Bhawan,
CGO Complex, Lodhi Road
New Delhi 110003

Dated: October 16, 2006

To

Mr. Dominic Romell,
M/s Romell Real Estate Pvt. Ltd.
101 Clemsons Croft,
N.P. Thakker Road, Opp. Rajpuria Hall,
Ville Parle (E)
Mumbai -400057

Subject: Environmental Clearance for construction of Information
Technology Park at Goregaon, Mumbai by M/s Romell Real
Estate Pvt. Ltd.

Sir,

I am directed to refer to your application seeking prior environmental clearance for the above project under the EIA Notification 1994 as amended on July 7, 2004. The above proposal has been appraised as per prescribed procedure on the basis of the mandatory documents enclosed with the application viz., the Questionnaire, EIA, EMP, Public Hearing proceedings and the additional clarifications furnished in response to the observations of the Expert Appraisal Committee (EAC) constituted by the competent authority in its meeting held on 26-27 July, 2006.

2. The project proponent is setting up a Information Technology Park at CTS No. 586/2, 586/4, 586/6, 586/7 at Village Pahadi Goregaon, Goregaon (E), Mumbai. The project involves construction of two buildings. One building with stilt plus thirteen floors and other one having stilt plus ten floors. The plot area is 17,326 sq.m. Total built up area is 32,660 sq.m. Total water requirement will be 180 m³/day and total wastewater generated will be 144 m³/day. Two sewage treatment plants each of 80m³/day capacity will be provided to treat sewage generated from the Information Technology Park. The solid waste generation will be 800 Kg/day during operation phase. The in-vessel composting of biodegradable waste (480 kg.) will be done. The non-biodegradable waste will be disposed of for land filling.

3. The EIA report submitted along with the application predicts localized short term impact with regard to Ambient Air Quality and negligible impact with regard to Noise during both the construction as well as the operation phase. There will be positive impact on land environment due to landscaping and green belt development.

4. The EAC after due consideration of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations have recommended the grant of environmental clearance for the projects mentioned above subject to compliance with the EMP and other stipulated conditions. Accordingly, the Ministry hereby accords necessary environmental clearance for the project subject to the strict compliance with the specific and general conditions mentioned below:

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PART A- SPECIFIC CONDITIONS

I. Construction Phase

- i) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- ii) Soil and ground water samples will be tested to ascertain that there is no threat to groundwater quality by leaching of heavy metals and other toxic contaminants.
- iii) A First Aid Room will be provided at the project site both during construction and operation of the project.
- iv) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- v) All the top soil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.
- vi) Disposal of muck including excavated material during construction phase should not create any adverse effects on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people.
- vii) Diesel power generating sets used during construction phase should be of "enclosed type" to prevent noise and should conform to rules made under Environment (Protection) Act 1986, prescribed for air and noise emission standards.
- viii) Vehicles hired for bringing construction material at site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peaking hours.
- ix) 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.
- x) Construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.
- xi) 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.

II. Operation Phase

The environmental clearance recommended to the project is subject to the specific conditions as follows:

- i. 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.
- ii. Oil & Grease trap shall be provided to remove oil and grease from the surface run off and suspended matter shall be removed in a settling tank before its utilization for rainwater harvesting.
- iii. The leachate from vermi-composting shall be treated in sewage treatment plant.
- iv. The sewage treatment plant (STP) should be certified by an independent expert for efficiency as well as adequacy and should submit a report in this regard to the Ministry before the project is commissioned for operation. The wastewater should be treated to tertiary level and after treatment reused for flushing of toilets and gardening. Discharge of treated sewage shall conform to the norms & standards prescribed by Maharashtra State Pollution Control Board.
- v. Noise barriers should be provided at appropriate locations so as to ensure that the noise levels do not exceed the prescribed standards.
- vi. The solid waste generated should be properly collected & segregated before disposal to the City Municipal Facility. Wet garbage should be disposed by the vermi-culture method.
- vii. Any hazardous waste including biomedical waste should be disposed of as per applicable Rules & norms with necessary approvals of the Maharashtra State Pollution Control Board.
- viii. Diesel power generating sets proposed as source of back up power for lifts and common area illumination should be of "enclosed type" and conform to rules made under Environment (Protection) Act 1986, prescribed for air and noise emission standards as per CPCB guidelines. Exhausts should be discharged by stack, raised to 4 meters above the rooftop.
- ix. The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous variety.
- x. Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored after commissioning of the project.
- xi. The ground water levels and its quality should be monitored regularly.
- xii. Adequate measure should be taken to avoid any traffic congestion near the entry and exit points from the roads adjoining the proposed project site.
- xiii. A Report on the energy conservation measures should be prepared incorporating details about building materials & technology, R & U Factors etc and submitted to the Ministry in three months time.

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xiv. The values of R & U for the building envelope should mention requirements of the hot & humid climatic location. Details of the building envelope should be worked out and furnished in three months time.

PART - B. GENERAL CONDITIONS

i. The environmental safeguards contained in the EIA Report should be implemented in letter and spirit.

ii. Provision should be made for the supply of kerosene or cooking gas and pressure cooker to the laborers during construction phase.

iii. All the laborers to be engaged for construction works should be screened for health and adequately treated before the issue of work permits.

iv. 6 monthly monitoring reports should be submitted to the Ministry and its Regional Office.

5. Officials from the Regional Office of MOEF, Bhopal who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF should be forwarded to the CCF, Regional office of MOEF, Bhopal.

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

7. The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department (if required), CRZ Regulations etc. shall be obtained by project proponents from the competent authorities.

9. A copy of the environmental clearance letter would be marked to the local NGO(s), if any, from whom suggestion/representation were received at the time of public hearing.

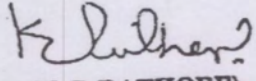
10. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Maharashtra State Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at <http://www.envfor.nic.in>. The advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhopal.

11. These stipulations would be enforced among others under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 1994 including the amendments.

98/2000

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12. The project authority will enter in to MOU with all buyers of the property/flat etc. to ensure operation and maintenance of the assets handed over to the society formed by the residents/owners of the buildings.



(K.C. RATHORE)
Additional Director (IA)
rathore27@yahoo.com
Tele: 24368526

Copy to:

1. The Secretary, Department of Environment, Government of Maharashtra, New Administrative Building, 15th Floor, Opp. Mantralaya, Mumbai.
2. The Member Secretary, Maharashtra State Pollution Control Board, Kalptaru Point, 3rd Floor, Near Sion Circle Opp. Cine Planet Cinema, Sion(E), Mumbai.
3. The CCF, Regional Office, Ministry of Environment & Forests, Bhopal.
4. IA - Division, MOEF, New Delhi - 110001.
5. Guard file.

(K.C. RATHORE)
Additional Director (IA)


165 th Meeting of SEIAA (Day-2)

SEIAA Meeting number: 165 Meeting Date April 26, 2019

Subject: Environment Clearance for Application for the amendment in Environment Clearance for Proposed Information Technology Park

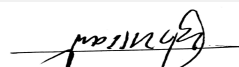
Is a Violation Case: No

1.Name of Project	Amendment in Environment Clearance for Proposed Information Technology Park
2.Type of institution	Private
3.Name of Project Proponent	Mr. Domnic Romell
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd., Plot F-7, Road 21, MIDC Wagle Estate, Thane West - 400604
5.Type of project	IT Park project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in Environment Clearance
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	We have received the Environment Clearance File No. 21-7/2006-IA.III dt.16.10.2006
8.Location of the project	Plot bearing CTS No. 586/2, 586/4, 586/6 and 586/7
9.Taluka	Mumbai
10.Village	Pahadi
Correspondence Name:	Mr. Domnic Romell
Room Number:	101
Floor:	1st floor
Building Name:	Gharkul Co.Op Soc., Wing B
Road/Street Name:	Azad Road
Locality:	Vile Parle (East)
City:	Mumbai 400057
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	Building I: IOD dated: 08.04.2003, Building II: IOD dated: 25.11.2005 received from Municipal Corporation of Grater Mumbai (MCGM) IOD/IOA/Concession/Plan Approval Number: Building I: IOD dated: 08.04.2003, Building II: IOD dated: 25.11.2005 received from Municipal Corporation of Grater Mumbai (MCGM), Approval: Received dated 08.06.2010 from Municipal Corporation of Greater Mumbai (MCGM) Approved Built-up Area: 87093
13.Note on the initiated work (If applicable)	We have started the construction as per the received the Environment Clearance File No. 21-7/2006-IA.III dt.16.10.2006
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Approval received dated 08.06.2010 from Municipal Corporation of Greater Mumbai (MCGM)
15.Total Plot Area (sq. m.)	17,326 m2
16.Deductions	1,822 m2
17.Net Plot area	15,504 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 38,238 m2 Non FSI area (sq. m.): 48,855 m2 Total BUA area (sq. m.): 87093
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 38,238 m2 Approved Non FSI area (sq. m.): 48,855 m2 Date of Approval: 08-06-2010
19.Total ground coverage (m2)	5,596 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	36.25%
21.Estimated cost of the project	15000000


Shri. Anil Diggikar (Member Secretary SEIAA)

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22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building I	Stilt + 13 floors	53.55
2	Building II	Stilt + 6 parking + 11 floors	69.65
23.Number of tenants and shops	Not applicable as it is a IT project		
24.Number of expected residents / users	Not applicable as it is a IT project		
25.Tenant density per hectare	Not applicable as it is a IT project		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Main road 18 m wide D.P. road & Internal road 12 m		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m		
29.Existing structure (s) if any	Not applicable		
30.Details of the demolition with disposal (If applicable)	Not applicable		

31.Production Details

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

32.Total Water Requirement

Dry season:	Source of water	Municipal Corporation of Greater Mumbai (MCGM)
	Fresh water (CMD):	100
	Recycled water - Flushing (CMD):	80
	Recycled water - Gardening (CMD):	13
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	180
	Fire fighting - Underground water tank(CMD):	100
	Fire fighting - Overhead water tank(CMD):	50
	Excess treated water	6
Wet season:	Source of water	Municipal Corporation of Greater Mumbai (MCGM)
	Fresh water (CMD):	100
	Recycled water - Flushing (CMD):	80
	Recycled water - Gardening (CMD):	7
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	180
	Fire fighting - Underground water tank(CMD):	100
	Fire fighting - Overhead water tank(CMD):	50
	Excess treated water	12
Details of Swimming pool (If any)	Not applicable	

33.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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	25 m to 30 m
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	Building I - 2 nos., Building II - 5 nos.
	Size of recharge pits :	Building I - 2 m x 2.5 m x 6 m, Building II - 1.6 m x 1.6 m x 4.3 m
	Budgetary allocation (Capital cost) :	Rs.5 Lakh
	Budgetary allocation (O & M cost) :	Rs.1 Lakh/year
Details of UGT tanks if any :	Building I Firefighting UG Tank - 250 m ³ Domestic UG Tank + Flushing UG Tank - 200 m ³ Building II Firefighting UG Tank - 200 m ³ Domestic UG Tank + Flushing UG Tank - 250 m ³	

35.Storm water drainage	Natural water drainage pattern:	Along the road side
	Quantity of storm water:	0.97 m ³ /sec
	Size of SWD:	600 mm x 900 m


36.Sewage and Waste water	Sewage generation in KLD:	144 m ³ /day
	STP technology:	Moving Bed Biofilm Reactor (MBBR)
	Capacity of STP (CMD):	2 nos. of STP Building I - STP of capacity 80 m ³ /day, Building II - STP of capacity 150 m ³ /day, Total capacity - 230 m ³ /day
	Location & area of the STP:	Location: On ground, Area Building I STP: 137 m ² , Area Building II STP: 112 m ²
	Budgetary allocation (Capital cost):	Rs.25 Lakh
	Budgetary allocation (O & M cost):	Rs.2 Lakh/year

37.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	There is no construction on site
	Disposal of the construction waste debris:	Not applicable
Waste generation in the operation Phase:	Dry waste:	320 kg/day
	Wet waste:	480 kg/day
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	1 m3/day
	Others if any:	e-waste - 5 kg/day
Mode of Disposal of waste:	Dry waste:	Dry garbage will be segregated & disposed of to recyclers.
	Wet waste:	Wet garbage will be treated by using Organic waste converter machine
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Dry sludge can be used as manure for plantation & gardening purposes inside the premise
	Others if any:	e waste - Handed over to authorized recyclers
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	60 m ²
	Area for machinery:	45 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.4 Lakh
	O & M cost:	Rs.1 Lakh/year

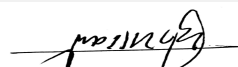
38.Effluent Charecteristics

Serial Number	Parameters	Unit	Inlet Effluent Charecteristics	Outlet Effluent Charecteristics	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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39.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
40.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	
41.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	Not applicable	Not applicable	Not applicable	Not applicable			
42.Source of Fuel		Not applicable					
43.Mode of Transportation of fuel to site		Not applicable					
44.Green Belt Development		Total RG area :	2,611 m2				
		No of trees to be cut :	Not applicable				
		Number of trees to be planted :	160 nos.				
		List of proposed native trees :	Provided				
		Timeline for completion of plantation :	1 - 2 years				
45.Number and list of trees species to be planted in the ground							
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance			
1	Albizzia sp.	Shirish	15	Flowering tree			
2	Acacia auriculiformis	Akashia	10	Ornamental tree			
3	Azadirachta indica	Neem	15	Medicinal tree			
4	Annona squamosa	Sugar apple	5	Fruit bearing tree			
5	Bauhinia variegata	Orchid tree	17	Flowering tree			
6	Cassia festula	Golden shower	14	Flowering tree			
7	Erythrina indica	Indian coral	14	Medicinal tree			
8	Ficus bengalensis	Banyan tree	8	Medicinal tree			
9	Ficus religiosa	Peepal tree	7	Medicinal, sacred tree			
10	Grewia sp.	Cross berry	15	Flowering tree			
11	Leuceana leucocephala	Subabul	15	Used as firewood, fiber, and livestock fodder			
12	Morus indica/alba	White mulberry	12	Flowering, fruit bearing tree			
13	Mangifera indica	Mango	10	Fruit bearing tree			
14	Tamarindus indica	Tamarind	3	Fruit bearing tree			

15	Terminelia arjuna	Arjuna/Arjun	10	Medicinal tree
16	Total	-	160	-
46.Total quantity of plants on ground				
47.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m2	
1	Not applicable	Not applicable	Not applicable	

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48. Energy

Power requirement:	Source of power supply :	Reliance
	During Construction Phase: (Demand Load)	500 kVA
	DG set as Power back-up during construction phase	750 kVA
	During Operation phase (Connected load):	3,300 kVA
	During Operation phase (Demand load):	3,300 kVA
	Transformer:	Not applicable
	DG set as Power back-up during operation phase:	DG sets for Building I - 2 nos. x 1,500 kVA, DG sets for Building II - 4 nos. x 750 kVA
	Fuel used:	As per requirement
	Details of high tension line passing through the plot if any:	Not applicable

49. Energy saving by non-conventional method:

Solar Street lighting in landscape, common area passages.
Use of T5 tubes having 2.5 to 3 times life over conventional tubes and hence rate of disposal of tubes will be reduced drastically.

50. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Street lighting in landscape, common area passages, Use of T5 tubes having 2.5 to 3 times life over conventional tubes and hence rate of disposal of tubes will be reduced drastically.	1% of proposed additional load in building

51. 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:	Rs.42 Lakh
	O & M cost:	Rs.2 Lakh/year

52. Environmental Management plan Budgetary Allocation

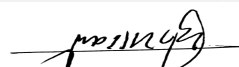
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for dust suppression	pH, Color, Odour, Turbidity, Total Hardness, Metals	20


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2	Site sanitation, toilets, safe drinking water, septic tank	PM2.5 & PM10, SO2, NOx	10
3	Environmental Monitoring and Compliance checking	Air, Water, Noise and Soil Monitoring	5
4	Disinfection	Site sanitation	10
5	Health checkup, first aid	Weekly	5
6	Safety personal protective equipment	Daily	25
7	Storm water management	Operation and Management of channels	2
8	Vehicle maintenance, washing area, tyre cleaning	Vehicle washing and mechanical maintenance	1
9	Total	-	78

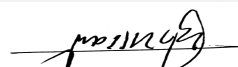
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b) Operation Phase (with Break-up):				
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	2 no. of STP having total capacity 230 m ³ /day	25	2
2	Landscape/Gardening	Total green area 2,611 m ² . 53 nos. of existing trees and total trees to be planted are 160 nos.	5	1
3	Solid Waste	1 no. of OWC 60	4	1
4	Rain Water Harvesting and Storm water management (Recharge pits & Tanks)	7 nos. of the recharge pits. (2 nos. having size 2 m x 30 m and 5 nos. having size 5 m x 10 m)	5	1
5	Fire Fighting Management	Fire fighting equipments - sprinklers, sand bucket, fire alarm, hose box, fire hydrant etc.	150	15
6	Plumbing	Maintenance	226	23
7	Energy Conservation	Use of T5 tubes having 2.5 to 3 times life over conventional tubes and hence rate of disposal of tubes will be reduced drastically.	42	2
8	Total	-	456	45

52. 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

53. Any Other Information

No Information Available

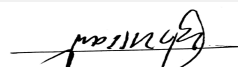
54. Traffic Management

Nos. of the junction to the main road & design of confluence:	1 nos. of junction main road having width 18 m
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Shri. Anil Diggikar (Member Secretary SEIAA)

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Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	28,163 m ²
	Area per car:	37.5 m ²
	Area per car:	37.5 m ²
	Number of 2-Wheelers as approved by competent authority:	Not applicable
	Number of 4-Wheelers as approved by competent authority:	739 nos.
	Public Transport:	Bus facility - 12 nos.
	Width of all Internal roads (m):	9 m

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	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8(a) B2 category
	Court cases pending if any	Not applicable
	Other Relevant Informations	We have received the Environment Clearance from Govt. of Maharashtra having file No. 21-7/2006-IA.III dated 16.10.2006. We are now applying for the amendment in the above mentioned project. Earlier 5,578 m2 considered as non-FSI area is now counted in FSI area.
	Have you previously submitted Application online on MOEF Website	No
	Date of online submission	-
Brief information of the project by SEAC		

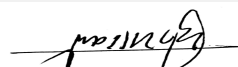
SEIAA-MINUTES-0000001849



Shri. Anil Diggikar (Member Secretary SEIAA)

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Shri Mukund Athawale (Chairman SEIAA)

PP Mr. Dominic Romel was present during the meeting along with environmental consultant M/S. Mahabal Enviro Engineers Pvt. Ltd.,

The project was previously considered in 85th & 88th SEAC II meeting held on 18-19th January & 12th February 2019 & was deferred with observation that, the construction of Building I is complete in all respects as per earlier sanctioned plans and EC. However the area utilization in Building II is different than what was sanctioned in EC (change of use) and hence to submit the detail explanatory note. Compliance/Representation submitted by the PP vide letter dated 2nd March 2019 was taken on record

PP stated that, the profile regarding construction is as per accorded EC. PP further stated that they have received EC for plot area of 17,326 m², total built-up area 32,660 m² which is FSI area only. Non-FSI area 51,250 m² was already there in submitted proposal to MoEF it but not mentioned in EC. Now part of the non-FSI area in Building-II is counted towards FSI/Fungible FSI, as per D.C. regulations modified on 6.01.2012 & Balconies all around the IT Offices on 10 Floors aggregating to 3,453 m² which were earlier non-FSI area as well as Refuge area 2,125 m² which is excess to now permissible 4% Refuge area counted in FSI area due to change in DCR. Therefore, FSI area becomes 38,238 m², non-FSI area 48,855 m².


PP stated that, because of change in refugee floor area there is increase in population & accordingly STP capacity increases from 160m³/day to 230m³/day but this capacity is already in place. Therefore it is found that there is no need to appraise the proposal again. The above facts are brought to the notice of the SEIAA for further needful.

DECISION OF SEAC

The above facts are brought to the notice of the SEIAA for further needful.

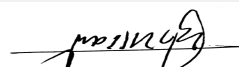
Specific Conditions by SEAC:

SEIAA DECISION


Shri. Anil Diggikar (Member
Secretary SEIAA)

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(Chairman SEIAA)

SEAC-II minutes in the matter are as below-

“The project was previously considered in 85th& 88th SEAC II meeting held on 18-19th January & 12th February 2019. It was deferred with observation that the construction of “Building I” is complete in all respects as per the plans (sanctioned by the competent authority) and the EC. However, the area utilization in Building II is different than what was stated in EC (change of use) and hence PP is required to submit the detail explanatory note. It has been submitted by the PP vide letter dated 2nd March, 2019 and has been taken on the record.

PP has stated that, the profile regarding construction is as per the EC. PP has further stated that they have received the EC for plot area of 17,326 m², total built-up area 32,660 m² which is FSI area only. Non-FSI area 51,250 m² was already mentioned in proposal to MoEF but, was not reflected in the EC. Now part of the non-FSI area in Building-II is counted towards FSI/Fungible FSI, on account of modifications w.e.f. 6.01.2012 in the D.C. regulations. This includes balconies all around the IT Offices on 10 Floors (aggregating to 3,453 m²) and the additional refuge area (2,125 m²) which is now permissible to the extent of 4% of the floor area. Therefore, FSI area becomes 38,238 m² and the non-FSI area 48,855 m².

PP has stated that, the change in refugee floor area has resulted in to increase in the tenement and thus there is an increase in the population.

As such they have increased the STP capacity from 160m³/day to 230m³/day but this capacity is already in place. Therefore it is found that there is no need to appraise the proposal again.

The above facts are brought to the notice of the SEIAA for the matter of granting the EC.

However, as the OC has already been issued to the project SEIAA feels that there is no need to grant the EC to this project.

Specific Conditions by SEIAA:

FINAL RECOMMENDATION

Kindly find SEIAA decision above.

 Shri. Anil Diggikar (Member Secretary SEIAA)	SEIAA Meeting No: 165 Meeting Date: April 26, 2019 (SEIAA-STATEMENT-0000001729) SEIAA-MINUTES-0000001849	Page 14 of 14	 Shri Mukund Athawale (Chairman SEIAA)
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Annexure III
ENVIRONMENT MONITORING REPORT



Mahabal Enviro Engineers Pvt. Ltd.

PLOT NOS. 13,14,17,18, GRAMPANCHAYAT BOKHARA, CHHINDWARA ROAD, KORADI, NAGPUR, MAHARASHTRA, INDIA

Phone: 0712-2612162/2612212 email: nagpur@mahabal.com

TEST REPORT



Report No.:	ME-NG20094-230105- SA- RREPL-MUMBAI	Date: 05.01.2023
ULR No.:	TC748722000018633F	

Name and Address of Customer	ROMELL REAL ESTATE PVT. LTD. Gharkul CHS B-Wing, Azad Road, Vile Parle (E) Mumbai Project Site: R. Tech		WO No.: Verbal WO Date: -
Sample Description / Type	Domestic Effluent	Sample Collected by	Laboratory
Sampling Location	STP Outlet	Sample Quantity / Packing	2 L X 1 No. PVC Can 100mL X 1 No. PVC Can 1L X 1 No. Glass Bottle
Date of Sampling	27.12.2022	Date of Receipt of Sample	28.12.2022
Sampling Procedure	IS:3025(Part I):1987, RA 2019; APHA 23 rd Ed. 2017, 1060-B, 1-40		
Date of Start of Analysis	28.12.2022	Date of Completion of Analysis	05.01.2023

Sr. No.	Parameter	Unit	Result	Method Reference
	<u>Discipline: Chemical Testing;</u> <u>Product Group: Pollution & Environment (Waste Water)</u>			
1.	pH	-	6.3	APHA 23 rd Ed. 2017, 4500-H ⁺ -B, 4-95
2.	Total Suspended Solids	mg/L	9	APHA 23 rd Ed. 2017, 2540-D, 2-70
3.	Total Dissolved Solids	mg/L	531	IS 3025 (Part 16):1984 RA 2017, Ed.2.1 (1999-12)
4.	Biochemical Oxygen Demand (3 days 27°C)	mg/L	11	IS 3025 (Part 44): 1993, RA 2019
5.	Chemical Oxygen Demand	mg/L	36	APHA 23 rd Ed. 2017, 5220-B, 5-18
6.	Oil and Grease	mg/L	BQL (LOQ:1)	IS 3025 (Part 39): 1991, Reaffirmed 2009, Amds.1

END OF REPORT

- Note:**
1. BQL: Below Quantification Limit.
 2. LOQ: Limit of Quantification.
 3. The result listed refers only to the tested sample(s) and applicable parameter(s).
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Date 05.12.2019.
Amd 01 Date
24.12.2022


Harish Mendhi
Technical Manager
Chemical Testing



TC-7487



Mahabal Enviro Engineers Pvt. Ltd.

PLOT NOS. 13,14,17,18, GRAMPANCHAYAT BOKHARA, CHHINDWARA ROAD, KORADI, NAGPUR, MAHARASHTRA, INDIA
Phone: **0712-2612162/2612212** email: **nagpur@mahabal.com**

TEST REPORT



REPORT-DE-20093

Report No.:	ME-NG20093-230105- SA- RREPL-MUMBAI	Date: 05.01.2023
ULR No.:	TC748722000018632F	

Name and Address of Customer	ROMELL REAL ESTATE PVT. LTD. Gharkul CHS B-Wing, Azad Road, Vile Parle (E) Mumbai Project Site: R. Tech		WO No.: Verbal WO Date: -
Sample Description / Type	Domestic Effluent	Sample Collected by	Laboratory
Sampling Location	STP Inlet	Sample Quantity / Packing	2 L X 1 No. PVC Can 100mL X 1 No. PVC Can 1L X 1 No. Glass Bottle
Date of Sampling	27.12.2022	Date of Receipt of Sample	28.12.2022
Sampling Procedure	IS:3025(Part I):1987, RA 2019; APHA 23 rd Ed. 2017, 1060-B, 1-40		
Date of Start of Analysis	28.12.2022	Date of Completion of Analysis	05.01.2023

Sr. No.	Parameter	Unit	Result	Method Reference
	<u>Discipline: Chemical Testing;</u> <u>Product Group: Pollution &</u> <u>Environment (Waste Water)</u>			
1.	pH	-	7.0	APHA 23 rd Ed. 2017, 4500-H ⁺ -B, 4-95
2.	Total Suspended Solids	mg/L	117	APHA 23 rd Ed. 2017, 2540-D, 2-70
3.	Total Dissolved Solids	mg/L	828	IS 3025 (Part 16):1984 RA 2017, Ed.2.1 (1999-12)
4.	Biochemical Oxygen Demand (3 days 27°C)	mg/L	165	IS 3025 (Part 44): 1993, RA 2019
5.	Chemical Oxygen Demand	mg/L	516	APHA 23 rd Ed. 2017, 5220-B, 5-18
6.	Oil and Grease	mg/L	BQL (LOQ:1)	IS 3025 (Part 39): 1991, Reaffirmed 2009, Amds.1

END OF REPORT

- Note:**
1. BQL: Below Quantification Limit.
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Issue No 03
Date 05.12.2019.
Amd 01 Date
24.12.2022


Harish Mendhi
Technical Manager
Chemical Testing



TC-7487



Mahabal Enviro Engineers Pvt. Ltd.

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Phone: **0712-2612162/2612212** email: **nagpur@mahabal.com**

TEST REPORT



REPORT-AA-20090

Report No.:	ME-NG20090-230104- SA- RREPL-MUMBAI	Date: 04.01.2023
ULR No.:	TC748722000018629F	

Name and Address of Customer	ROMELL REAL ESTATE PVT. LTD. Gharkul CHS B-Wing, Azad Road, Vile Parle (E) Mumbai Project Site: R. Tech		WO No.: Verbal WO Date: -
Sample Description / Type	Ambient Air	Sample Collected by	Laboratory
Sampling Location	Near LT Panel Room	Sample Quantity / Packing	PM ₁₀ : Filter Paper 1 X 1 No. PM _{2.5} : Filter Paper 1 X 1 No. SO ₂ : 30 mL X 2 No. PVC Bottle NO ₂ : 30 mL X 2 No. PVC Bottle
Date of Sampling	26.12.2022	Date of Receipt of Sample	28.12.2022
Sampling Procedure	As per method reference		
Date of Start of Analysis	29.12.2022	Date of Completion of Analysis	30.12.2022

Sr. No.	Parameter	Unit	Result	#NAAQS	Method Reference
	<u>Discipline: Chemical Testing;</u> <u>Product Group: Atmospheric</u> <u>Pollution (Ambient Air)</u>				
1	Sulphur Dioxide (SO ₂)	µg/m ³	9.4	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.1-6
2	Nitrogen Dioxide (NO ₂)	µg/m ³	11.2	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.7-10
3	Particulate Matter (size less than 10µm) or PM ₁₀	µg/m ³	52	100	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.11-14
4	Particulate Matter (size less than 2.5µm) or PM _{2.5}	µg/m ³	22	60	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.15-30

END OF REPORT

- Note:**
1. BQL: Below Quantification Limit.
 2. LOQ: Limit of Quantification.
 3. Duration of Sampling: 8h
 4. TWA: Time Weighted Average
 5. NAAQS: National Ambient Air Quality Standard
 6. #- NAAQS specified as: 24 h. TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM₁₀, PM_{2.5}.
 7. The result listed refers only to the tested sample(s) and applicable parameter(s).
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QF/SALE/03
Issue No 03
Date 05.12.2019.
Amd 02 Date
24.12.2022


Harish Mendhi
Technical Manager
Chemical Testing



TC-7487



Mahabal Enviro Engineers Pvt. Ltd.

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Test Report

Report No.: ME- NG18042-221202-SA-RREPL-MUMBAI		Date: 02.12.2022	
Name and Address of Customer	ROMELL REAL ESTATE PVT. LTD. Gharkul CHS B-Wing, Azad Road, Vile Parle (E) Mumbai Project Site: R. Tech	Order Reference	
		Verbal Discussion	
Sample Description/Type	Domestic Effluent	Sample Collected by	Laboratory
Sampling Location	STP Inlet	Sample Quantity/Packing	2 L X 1 No. PVC Can 100mL X 1 No. PVC Can 1 L X 1 No. Glass Bottle
Date of Sampling	25.11.2022	Date of Receipt of Sample	26.11.2022
Sampling Procedure	IS:3025(Part I):1987 RA 2019; APHA 23 rd Ed. 2017,1060-B, 1-40		
Date of Start of Analysis	26.11.2022	Date of Completion of Analysis	02.12.2022

ULR- TC748722000016765F

Sr. No.	Parameter	Unit	Result	Method Reference
Discipline: Chemical Testing; Product Group: Pollution & Environment (Waste Water)				
1.	pH	-	7.3	APHA 23 rd Ed. 2017, 4500-H ⁺ -B, 4-95
2.	Total Dissolved Solids	mg/L	960	IS 3025 (Part 16):1984 RA 2006, Ed.2.1(1999-12)
3.	Total Suspended Solids	mg/L	156	APHA 23 rd Ed. 2017, 2540-D, 2-70
4.	Biochemical Oxygen Demand (3 days 27°C)	mg/L	180	IS 3025 (Part 44): 1993, Reaffirmed 2019
5.	Chemical Oxygen Demand	mg/L	560	APHA 23 rd Ed. 2017, 5220-B, 5-18
6.	Oil and Grease	mg/L	BQL (LOQ: 1)	IS 3025 (Part 39): 1991, Reaffirmed 2021, Amds.1

Remarks: BQL: Below Quantification Limit, LOQ: Limit of Quantification

END

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

Harish Mendhi

Harish Mendhi
TECHNICAL MANAGER



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Test Report

Report No.: ME- NG18043-221202-SA-RREPL-MUMBAI		Date: 02.12.2022	
Name and Address of Customer	ROMELL REAL ESTATE PVT. LTD. Gharkul CHS B-Wing, Azad Road, Vile Parle (E) Mumbai Project Site: R. Tech		Order Reference
			Verbal Discussion
Sample Description/Type	Domestic Effluent	Sample Collected by	Laboratory
Sampling Location	STP Outlet	Sample Quantity/Packing	2 L X 1 No. PVC Can 100mL X 1 No. PVC Can 1 L X 1 No. Glass Bottle
Date of Sampling	25.11.2022	Date of Receipt of Sample	26.11.2022
Sampling Procedure	IS:3025(Part I):1987 RA 2019; APHA 23 rd Ed. 2017,1060-B, 1-40		
Date of Start of Analysis	26.11.2022	Date of Completion of Analysis	02.12.2022

ULR- TC748722000016766F

Sr. No.	Parameter	Unit	Result	Method Reference
Discipline: Chemical Testing; Product Group: Pollution & Environment (Waste Water)				
1.	pH	-	7.1	APHA 23 rd Ed. 2017, 4500-H ⁺ -B, 4-95
2.	Total Dissolved Solids	mg/L	612	IS 3025 (Part 16):1984 RA 2006, Ed.2.1(1999-12)
3.	Total Suspended Solids	mg/L	9	APHA 23 rd Ed. 2017, 2540-D, 2-70
4.	Biochemical Oxygen Demand (3 days 27°C)	mg/L	18	IS 3025 (Part 44): 1993, Reaffirmed 2019
5.	Chemical Oxygen Demand	mg/L	60	APHA 23 rd Ed. 2017, 5220-B, 5-18
6.	Oil and Grease	mg/L	BQL (LOQ: 1)	IS 3025 (Part 39): 1991, Reaffirmed 2021, Amds.1

Remarks: BQL: Below Quantification Limit, LOQ: Limit of Quantification

END

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

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Test Report

Report No.: ME- NG18039-221203-SA-RREPL-MUMBAI		Date: 03.12.2022	
Name and address of Customer	ROMELL REAL ESTATE PVT. LTD. Gharkul CHS B-Wing, Azad Road, Vile Parle (E) Mumbai Project Site: R. Tech		Order Reference
			Verbal Discussion
Sample Description/ Type	Ambient Air	Sample Collected by	Laboratory
Sampling Location	Near LT Pannel Room	Sample Quantity/Packing	Filter Paper (PM ₁₀): 1 X 1 No. Filter Paper (PM _{2.5}): 1 X 1 No. SO ₂ : 30mL X 2 No. PVC Bottle NO ₂ : 30mL X 2 No. PVC Bottle
Date of Sampling	24.11.2022	Date of Receipt of Sample	26.11.2022
Sampling Procedure	As per method reference		
Date of Start of Analysis	26.11.2022	Date of Completion of Analysis	28.11.2022

ULR- TC748722000016762F

Sr. No.	Parameter	Unit	Result	#NAAQM Standard	Method Reference
Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Ambient Air)					
Location	Near LT Pannel Room		Duration of Survey	8 hours	
1.	Sulphur Dioxide (SO ₂)	µg/m ³	8.8	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.1 (Improved West & Gaeke Method)
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	10.8	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.7 (Modified Jacob & Hochheiser (Sodium Arsenite) Method)
3.	Particulate Matter (size less than 10µm) or PM ₁₀	µg/m ³	61	100	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.11 (Gravimetric Method)
4.	Particulate Matter (size less than 2.5µm) or PM _{2.5}	µg/m ³	22	60	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No. 15 (Gravimetric Method)
Remarks: TWA - Time Weighted Average, #- NAAQS specified as: 24 h. Standard in case of Sulphur Dioxide, Nitrogen Dioxide, PM ₁₀ , PM _{2.5}					

END

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

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Test Report

Report No.: ME- NG18039-221203-SA-RREPL-MUMBAI		Date: 03.12.2022	
Name and address of Customer	ROMELL REAL ESTATE PVT. LTD. Gharkul CHS B-Wing, Azad Road, Vile Parle (E) Mumbai Project Site: R. Tech		Order Reference
			Verbal Discussion
Sample Description/ Type	Ambient Air	Sample Collected by	Laboratory
Sampling Location	Near LT Pannel Room	Sample Quantity/Packing	Filter Paper (PM ₁₀): 1 X 1 No. Filter Paper (PM _{2.5}): 1 X 1 No. SO ₂ : 30mL X 2 No. PVC Bottle NO ₂ : 30mL X 2 No. PVC Bottle
Date of Sampling	24.11.2022	Date of Receipt of Sample	26.11.2022
Sampling Procedure	As per method reference		
Date of Start of Analysis	26.11.2022	Date of Completion of Analysis	28.11.2022

ULR- TC748722000016762F

Sr. No.	Parameter	Unit	Result	#NAAQM Standard	Method Reference
Discipline: Chemical Testing; Product Group: Atmospheric Pollution (Ambient Air)					
Location	Near LT Pannel Room		Duration of Survey	8 hours	
1.	Sulphur Dioxide (SO ₂)	µg/m ³	8.8	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.1 (Improved West & Gaeke Method)
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	10.8	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.7 (Modified Jacob & Hochheiser (Sodium Arsenite) Method)
3.	Particulate Matter (size less than 10µm) or PM ₁₀	µg/m ³	61	100	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.11(Gravimetric Method)
4.	Particulate Matter (size less than 2.5µm) or PM _{2.5}	µg/m ³	22	60	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No. 15 (Gravimetric Method)
Remarks: TWA - Time Weighted Average, #- NAAQS specified as: 24 h. Standard in case of Sulphur Dioxide, Nitrogen Dioxide, PM ₁₀ , PM _{2.5}					

END

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

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Test Report

Report No.: ME-NG18040-221203-SA-RREPL-MUMBAI		Date: 03.12.2022
Name and Address of Customer	ROMELL REAL ESTATE PVT. LTD. Gharkul CHS B-Wing, Azad Road, Vile Parle (E) Mumbai Project Site: R. Tech	Order Reference:
		Verbal Discussion
Sample Description/Type	Ambient Noise Level	
Date of Sampling	24.11.2022	
Sampling Procedure	IS 9876:1981	

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

Sr. No.	Location	Time	Result	
			Sound Level Leq dB (A) Fast Response	Sound Level Leq dB (A) Slow Response
1	Near LT Pannel Room	10:20	69.5	65.1

As per The Noise Pollution (Regulation & Control) Rules, 2000 (Rules 3(1) and 4(1))

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

END

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

Harish Mendhi

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Test Report

Report No.: ME- NG18041N-221209-SA-RREPL-MUMBAI		Date: 09.12.2022	
Name and Address of Customer	ROMELL REAL ESTATE PVT. LTD. Gharkul CHS B-Wing, Azad Road, Vile Parle (E) Mumbai		Order Reference
	Project Site: R. Tech		Verbal Discussion
Sample Description/Type	Soil	Sample Collected by	Laboratory
Sampling Location	Front Side Garden Area	Sample Quantity/Packing	1 kg X 1 No. Polyethene bag
Date of Sampling	24.11.2022	Date of Receipt of Sample	26.11.2022
Sampling Procedure	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India		
Date of Start of Analysis	28.11.2022	Date of Completion of Analysis	08.12.2022

Sr. No.	Parameter	Unit	Result	Method Reference
1.	Organic Matter	%	2.26	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India, Sec.4 -17, Page No. 83.
2.	Free Lime	%	0.205	FAO Sec. III . Page no-71
3.	Total Potassium	%	1016	WL-II B-130 Page No. 23
4.	Total Manganese	mg/kg	1477	USEPA/SW 846 Method 3050B, Rev.2: Dec.1996 and 7000B, Rev.2, Feb 2007
5.	Total Sulphur	%	BQL (LOQ:0.05)	IS 1350 (Part III) 1969

Remarks: All results are as received basis.

BQL: Below Quantification Limit; LOQ: Limit of Quantification

-----END-----

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

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TECHNICAL MANAGER



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Test Report

Report No.: ME- NG18041-221209-SA-RREPL-MUMBAI		Date: 09.12.2022	
Name and Address of Customer	ROMELL REAL ESTATE PVT. LTD. Gharkul CHS B-Wing, Azad Road, Vile Parle (E) Mumbai		Order Reference
	Project Site: R. Tech		Verbal Discussion
Sample Description/Type	Soil	Sample Collected by	Laboratory
Sampling Location	Front Side Garden Area	Sample Quantity/Packing	1 kg X 1 No. Polyethene bag
Date of Sampling	24.11.2022	Date of Receipt of Sample	26.11.2022
Sampling Procedure	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India		
Date of Start of Analysis	28.11.2022	Date of Completion of Analysis	08.12.2022

ULR- TC748722000016764F

Sr. No.	Parameter	Unit	Result	Method Reference	
Discipline: Chemical Testing; Product Group: Pollution & Environment (Soil)					
1.	pH (1+5)	-	7.3	FAO 1976, Sec.III,1, Page No. 65	
2.	Electrical Conductivity (1+5)	µS/cm	442	FAO Sec. III .5, Page no-85	
3.	Moisture Content	%	9.34	IS 2720 (Part II): 1973, RA 2002, Ed. 3.1	
4.	Cation Exchange Capacity	meq/100gm	34.4	FAO Sec. III .7-2, Page No. 104	
5.	Grain Size (Texture)	Sand	%	46.9	Manual of Soil Testing Department of Agriculture & Cooperation, Ministry of Agriculture Govt. India, Sec 4.-17 Page No 68 & 105.
		Silt	%	22.0	
		Clay	%	31.1	
		Texture	-	Sandy clay Loam	
6.	Available Phosphorous	mg/kg	30.5	FAO Sec. III .12-1 Page no-157	
7.	Available Calcium	meq/100gm	22.4	FAO Sec.III.8-1, Page No. 115	
8.	Available Magnesium	meq/100gm	10.0	FAO Sec.III.8-1, Page No. 115	
9.	Available Sodium	meq/100gm	1.46	FAO Sec.III.8-1, Page No. 115	



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Continuation Sheet



Report No.18041 continued...

Sr. No.	Parameter	Unit	Result	Method Reference
10.	Available Nitrogen	mg/kg	386	Manual of Soil Testing, Department of Agriculture & Cooperation, Ministry of Agriculture, Govt. India, Sec.4 -17, Page No 89
11.	Available Potassium	meq/100gm	0.339	FAO Sec.III.8-1, Page No. 115
12.	Total Copper	mg/kg	163	USEPA/SW 846 Method 3050B, Rev.2: Dec.1996 and 7000B, Rev.2, Feb 2007
13.	Total Iron	mg/kg	29259	USEPA/SW 846 Method 3050B, Rev.2: Dec.1996 and 7000B, Rev.2, Feb 2007
14.	Total Zinc	mg/kg	104	USEPA/SW 846 Method 3050B, Rev.2: Dec.1996 and 7000B, Rev.2, Feb 2007

Remarks: All results are as received basis. BQL: Below Quantification Limit; LOQ: Limit of Quantification

END

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

Harish Mendhi
TECHNICAL MANAGER



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