



EVERSHINE DEVELOPERS

CORRESPONDENCE AT : 215 VEENA BEENA SHOPPING CENTRE, OPP BANDRA STATION, BANDRA (WEST), MUMBAI - 400 050.
TEL. : 2651 2867 (4 LINES), 2642 2418, 2651 2869, 4071 9719 • FAX : 2642 1859
E-mail: evershingegroup@evershinebuilders.com WEBSITE www.evershinebuilders.com

Date:

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

Subject: Submission of Post Monitoring Report for the period of July, 2016 - December, 2016 for Residential Cum Commercial Project "Evershine Global City" (OLD S. No. 15 to 8, 10 to 16, 67 to 69, 71, 92 to 93, 172 to 178, 185, 190 to 211, 219 to 224, 1 A), New S. No. 5, 5B, 5F, 5G, 5D, Village - Dongare, Taluka - Vasai, Dist - Thane, Maharashtra.

Reference: Clearance letter No. Z1-544/2006-IA-III dtd. 03.03.2007.

Dear Sir,

This is with reference to the above subject. We are submitting the half yearly, post monitoring report for period of July, 2016 - December, 2016. We are submitting relevant documents needed as follows:

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

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

Thanking you,

Yours faithfully,
M/S. EVERSHINE DEVELOPERS,
(Formerly known as Palghar Land Development Corporation),

Authorized Signatory

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

Handwritten signature and date:
19/05/17



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Reference: Clearance letter No. 21-544/2006-IA-III dtd. 03.03.2007.

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Maharashtra
Kopergaon
Mumbai
Opp. Sion
Phone : 24010427, 24020781



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REGISTRATION NO. 215 VEHIA BEHA SHOPPING CENTRE, GPR HANGA STATION, BANDRA (WEST), MUMBAI - 400 050.
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Subject: **Submission of Post Monitoring Report for the period of July, 2016 – December, 2016 for Residential Cum Commercial Project "Evershine Global City" (OLD S. No. 1,5 to 8,10 to 16, 67 to 69,71, 92 to 93, 172 to 178, 185, 190 to 211, 219 to 224, 1 A), New S. No. 5, 5B, 5F, 5G, 5D, Village – Dongare, Taluka – Vasai, Dist – Thane, Maharashtra.**

Reference: **Clearance letter No. 21-544/2006-IA-III dtd. 03.03.2007.**

Dear Sir,

This is with reference to the above subject. We are submitting the half yearly, post monitoring report for period of July, 2015 - December, 2015. We are submitting relevant documents needed as follows:

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4. Energy Conservation measures.
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[Signature]

Authorized Signatory

C.C. to: - The Secretary, Environmental Department, Maharashtra, Ministry of Environment, Forest & Climate Change,
The M.S., MPCB, Sion, Mumbai.

परिवर्तन मंत्रालय
 Ministry of Environment, Forest & Climate Change
 क्षेत्रीय कार्यालय (पश्चिम मध्य क्षेत्र)
 Regional Office (Western Central Zone)
 भू-रक्ष पर्व खंड / Ground Floor, East Wing
 नया सचिवालय भवन / New Secretarial Building
 सिविल लाईन्स / Civil Lines
 नागपुर / Nagpur-440 001
 23/5/16

COMPLIANCE REPORT

Part A - Specific Conditions: Construction phase

Sr. No.	Conditions	Compliance
1	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Mobile STP was provided in construction phase and proper care regarding sanitary and hygienic condition was maintained throughout the construction phase. After expiry of validity of EC construction work has been stopped. Labour camps have been empty and associated infrastructure was dismantled.
2	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.	Soil testing was done, according to the reports all the parameters are within limit and so there is no threat to groundwater quality by leaching of heavy metals and other toxic contaminants. (Reports are enclosed).
3	A First Aid Room will be provided at the project site both during construction and operation of the project.	First Aid box is provided at the construction site and will be provided during the operation phase too.
4	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.	Adequate portable water facility for drinking purpose was provided for the workers at the site during construction phase.
5	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.	There is no measure excavation except pile foundation work. The excavated earth, generated is used for the leveling of plot and for filling the plinth.
6	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.	As per EP act.

7	Ambient noise levels should conform to residential area standards both during day and night when measured at boundary wall of the premises, increments pollution loads on the ambient air and noise quality should be closely monitored during construction phase.	<p>Care has been taken regarding noise levels with conformation to the residential area.</p> <ul style="list-style-type: none"> ▪ Use of well-maintained equipment fitted with silencers. ▪ Providing noise shields near the heavy construction operations. ▪ Construction activities are limited to daytime hours only. ▪ Also use of Personal Protective Equipment (PPE) like ear muffs and ear plug during construction activities.
8	Vehicles hired for bringing construction material at site should be in good condition and should have valid "Pollution Under Check"(PUC) certificate and to conform to applicable air and noise emission standards.	<p>The PUC checked/authorized vehicles are allowed on the site for transfer of material.</p>
9	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.	<p>There is no generation of hazardous waste at site but proper care would be taken following the norms to dispose off the bituminous and other hazardous material at site.</p> <p>The clause will be followed.</p>
10	Any hazardous waste generated during construction phase should be disposed off as per applicable Rules & norms with necessary approvals of the Maharashtra State Pollution Control Board.	<p>Condition is noted.</p>
11	Regular supervision of the above and other measures for monitoring should be in place and through the construction phase so as to avoid disturbance to the surroundings.	<p>Regular supervision is taken by our site engineer to take care of the construction activity and of the surroundings. 05 nos. of officers are provided for monitoring.</p>

Operation Phase:

1	Necessary permission of competent authority will be taken to store diesel in the premises for operation of DG set.	Necessary permission of competent authority will be taken to store diesel in the premises for operation of DG set.
2	Diesel power generating sets proposes 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.	D.G. sets are provided with silencer & acoustic enclosures. The stacks are provided as per MPCB norms.
3	During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	Noise level was found to be within the limit.
4	Noise barriers should be provided at appropriate locations so as to ensure that the noise levels do not exceed the prescribed standards.	Care has been taken regarding noise levels with conformation to the residential area. 8000 nos. of trees are provided on the road sides to act as noise barrier. Use of well-maintained equipment fitted with silencers. For D.G. sets are with Acoustic enclosures
5	Weep holes in the compound walls shall be provided to ensure natural drainage of rainwater in the catchment area.	Weep holes are provided in the compound wall to ensure natural drainage of rainwater in the catchments area.
6	The sewage treatment plant 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, if any, shall conform to the norms & standards prescribed by Maharashtra State Pollution Control Board.	The sewage treatment plant is done by an expert. 3.6 MLD Capacity STP's are installed and in working conditions.

7	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.	Oil & Grease Trap shall be provided in RWH to remove oil and grease from the surface run off and suspended matter is to be removed in a settling tank before its utilization for rainwater harvesting.
8	The solid waste generated should be properly collected & segregated Wet garbage should be composted and dry/inert solid waste should be disposed of for land filing.	Garbage is collected manually from each of the building and carted to collection spot through trolleys. The garbage collected from flats is segregated into wet and dry garbage. The wet garbage treated in OWC for composting. Also the dry and inert waste handover to local municipal authority.
9	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.	There will be no generation of hazardous waste or bio medical waste.
10	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.	The green belt is provided along the periphery and landscaping is done as per the required norms. (Photographs enclosed).
11	Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored after commissioning of the project.	Ambient air quality, noise and water quality is periodically monitored by MoEF approved laboratory. (Reports enclosed).
12	The ground water levels and its quality should be monitored regularly in consultation with Central Ground Water Authority.	The ground water level is monitored by MoEF approved laboratory. (Reports enclosed). There is no ground water extraction proposed or done on site.
13	A report on 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.	A report on energy conservation measures has been prepared incorporating details about building materials & technology, R & U Factors etc. and is enclosed with this.
14	The values of R & U for the building envelope should meet the requirements of the hot & humid climate location. Details of the building envelop should be worked out and furnished in three months time.	Condition is complied.

Part B: General Conditions

1.	The environmental safeguards contained in the documents should be implemented in letter and spirit.	Condition is noted.
2.	Provision should be made for the supply of kerosene or cooking gas and pressure cooker to the laborers during construction phase.	Provision was made for the supply of kerosene or cooking gas and pressure cooker to the laborers during construction phase. After expiry of validity of EC construction work has been stopped. Labour camps have been empty and associated infrastructure was dismantled.
3.	All the laborers to be engaged for construction works should be screened for health and adequately treated before the issue of work permits.	All the laborers for construction works were medically tested for health and adequately treated before the issue of work permits. After expiry of validity of EC construction work has been stopped. Labour camps have been empty and associated infrastructure was dismantled.
4.	Six monthly monitoring reports should be submitted to the Ministry and its Regional Office.	Six monthly reports are submitted and attached.
5.	Officials from the Regional Office of MOEF, Nagpur 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 Officer of MoEF, Nagpur.	Condition is noted.
6.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.	Condition is noted. And accordingly the proposal has been submitted.
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 the time	Condition is noted.

	bound and satisfactory manner.	
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8.	All other statutory clearance such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department (if required), State Forest Department, Wildlife Act, 1972 CRZ Rules, etc. shall be obtained by project proponents from the competent authorities.	The storage of the diesel is being done by complying the conditions of Petroleum Act, 1959. All necessary clearance and approval will be obtained from competent authorities as and when required.
9.	A copy of the environmental clearance letter would be marked to the local NGO(s), if any for their information.	Yes, condition is followed.
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 Nagpur.	The advertisement has been published in two local Newspapers widely circulated in the region, one in a Marathi Newspaper Nav Shakti dtd. 22/03/2007 & English Newspaper, Free Press Journal dtd. 22/03/2007 informing that the project has been accorded environmental clearance. The copies of the advertisement are attached with this report.
11.	These stipulations would be enforced among others under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) act, 1981 the Environment (Protection) Act, 1986 and the Public Liability (Insurance) Act, 1991.	Condition is noted.
12.	The project authority will enter in to MOU with all buyers of the property, if any, to ensure operation and maintenance of the assets handed over to the society formed by the	Condition is noted.

	residents / owners of the buildings.	
13.	Under the provisions of Environmental (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project had started without obtaining environmental clearance.	Environmental Clearance is already obtained. Obtained Consent to Establish.

MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS

Ministry of Environmental and Forests
Regional Office, West Central Zone, Nagpur.

Monitoring Report

PART - I**DATA SHEET**

1.	Project type: river - valley/ mining/ Industry / thermal / nuclear/ Other (specify)	Residential and Commercial Project
2.	Name of the project	"Evershine Global City"
3.	Clearance letter (s) / OM/ no and date:	File No. : 21-544/2006-IA-III. Dated 13.03.2007.
4.	Location	Old- Survey No. 1, 5 to 8, 10 to 16, 67 to 69, 71, 92 to 93, 172 to 178, 185, 190 to 211, 219 to 224, 1A), New- Survey No. 5, 5B, 5F, 5G, 5D, Village - Dongare, Taluka-Vasai, Dist-Thane. Maharashtra.
a.	District (s)	Mumbai
b.	State (s)	Maharashtra
5.	Address for correspondence	
a.	Address of concerned project Chief Engineer (with pin code & telephone / telex / fax numbers)	Evershine Developers Pvt. Ltd. Heena Beena Shopping Center, Bandra (W), Mumbai.
b.	Address of Executive Project Engineer /Manager (with pin code / fax number)	

6.	Salient features	
a.	of the project	<p>Residential and Commercial Project</p> <p>Total Plot Area = 9,32,440.00 sq.mtrs.</p> <p><u>Area for Phase - I:</u></p> <p>Plot area: 9,32,440.00 sq. mtrs.</p> <p>Total Built Up Area: 8,45,591.43 sq. mtrs.</p>
b.	of the environmental management plans	<p>1. <u>Sewage Treatment Plant:</u></p> <p>Three Sewage Treatment Plants with capacity of 3.6 MLD will be provided for treating the wastewater.</p> <p>Recycled wastewater will be used for Flushing, gardening etc. Excess treated sewage will be disposed to TMC sewer line.</p> <p>2. <u>Water Management:</u></p> <p>Rain Water Harvesting shall be provided to recharge the ground water table.</p> <p>3. <u>Solid Waste Management:</u></p> <p>Debris & excavated material generated will be disposed by covered trucks to the authorized site permission from OWC. Partly shall be sent for recycling & partly shall be used for temporary work, road work, bins/tanks, site office etc.</p> <p>During Operation phase, the Solid waste to be segregated at source and Dry waste will be handed over to authorize Agency i.e handed over to Municipal Corporation for further disposal & sludge from STP will be used as manure. Wet waste will be processed converted to manure by processing in Organic Waste Converter.</p>
7.	Break Up of the project Area	
a.	Submerge area : forest & :non-forest	Non Forest
b.	Others	<p>Total Plot Area = 9,32,440.00sq. mtrs.</p> <p>Plot area: 9,32,440.00 sq. mtrs.</p> <p>Total Built Up Area: 8,45,591.43 sq. mtrs.</p>

8.	Break up of the project affected: Population with enumeration of those losing houses/dwelling units, only agriculture land only, both dwelling units and agriculture land and landless labourers / artisan	Not Applicable.
a.	SC, ST / Adivasis	---
b.	Others	---
	(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details and years of survey)	
9.	Financial details	
a.	Project cost as originally planned and subsequent revised estimates and the year of price reference	Total cost: 1247.25 Cr.
b.	Allocation made for environmental management plans with item wise and year wise break-up	Capital EMP Cost: 100 Cr.
c.	Benefit cost ratio/ Internal rate of return and the year of assessment	---
d.	Whether (c) includes the cost of environmental management as shown in the above	---
e.	Actual expenditure incurred on the project so far	Rs. 1048.50 Cr.
f.	Actual expenditure incurred on the environmental management plans so far	Rs. 94.56 Cr.
10.	Forest land required	
a.	The status of approval for diversion of forest land for non-forestry use	The land is of non-forest type hence not applicable.

b.	The status of clearing and felling	R.G. Area Provided: 140866 Sq. mt. Clearing of trees is not proposed.
c.	The status of compensatory afforestation, if any	---
d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	N.A.
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information	N.A.
12.	Status of construction	
a.	Date of commencement (Actual and/or planned)	2007
b.	Date of completion (Actual and/ of planned).	Construction has been stopped after expiry of validity of EC.
13.	Reasons for the delay if the project is yet to start.	---
14.	Dates of site visits	
a.	The date on which the project was monitored by the regional office on previous occasions, if any.	Not yet monitored.
b.	Date of site visit for this monitoring report	08.09.2016; 18.10.2016
15.	Details of correspondence with project authorities for obtaining action plans/ information on status on compliance to safeguards other than the routine letters for logistic support for site visits.	File No. : 21-544/2006-IA-III. dtd. 13.03.2007. <u>Address:</u> Survey No. 5, 5B, 5F, 5G, 5D, Village - Dongare, Taluka-Vasai, Dist-Thane. Maharashtra.



ENVIRO ANALYSTS & ENGINEERS PVT. LTD.

NABET Accredited & MoEF (Govt. of India) approved

CIN No.: U28900MH1995PTC093129



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Tel.: +91 22 2854 1647 / 48 / 49 / 67 / 68 Fax : +91 22 2854 1290 E-mail : info@eaapl.com
Website : www.eaapl.com / www.enviroanalysts.com

Ambient Air Quality Monitoring Report

Report No. - EAEPL/PM/ED/74/09/2016		Report Date - 16.09.2016	
Name of Customer	M/S. Evershine Developers		Reference - work order dated on 23.10.2015
Site Address	Evershine Global City, new Survey no. 5, 5B, 5F, 5G, 5D at Village Dongre, Virar (West), Taluka Vasai, District Thane.		
Nature and Description of Sample	Ambient Air	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	1) A/PM/74/a,b/09/16 (Near Main Gate)	Sample quantity and packing	PM ₁₀ = 1 * 1 No. Filter paper. SO _x = 1 * 1 No. PVC bottle. NO _x = 1 * 1 No. PVC bottle.
		Sample Preservation	Cool -Transported and stored at 5 °C (± 1°C).
Date of Sampling	08.09.2016	Date of Receipt	09.09.2016
Sampling Procedure	CPCB, Conceptual guidelines and common methodology for air quality monitoring, emission inventory & source apportionment studies for Indian cities, was referred while drafting this SOP.		
Period of Analysis	10.09.2016 to 16.09.2016		
Report for the month	September, 2016.		

Environmental Conditions

Ambient air Temperature (°C)	Relative humidity (%)	Duration of Monitoring
28°C	78 %	8 Hours

RESULTS

Monitoring Locations	Near Main Gate	NAAQS LIMITS	METHOD
Pollution Parameters	A/PM/74/a,b/09/16		
R.S.P.M (PM ₁₀) (µg/m ³)	38.67	100 µg/m ³	Gravimetric
SO ₂ (µg/m ³)	13.45	80 µg/m ³	Improved West & Gaeke method
NO _x (µg/m ³)	16.55	80 µg/m ³	Modified Jacob & Hochheiser (Na- Arsenite)

Remark: All the measured values are within NAAQS limits.

-----End-----

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

Lab Incharge

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.

Nagpur Branch :
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Ambazari, Nagpur - 440 010
Tel. : 0712 - 2241835,
Telefax : 2241836

Factory :
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MIDC Tarapur,
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Lab. :
Row House No.2, Shalom Garden,
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100 FT., Kanakia Road,
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Tel.: 65555851



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Website : www.eaepl.com / www.enviroanalysts.com

Water Sample Analysis Report

Report No. - EAEPL/PM/ED/75/09/2016		Report Date - 16.09.2016	
Name of Customer	M/S. Evershine Developers		Reference - work order dated on 23.10.2015
Site Address	Evershine Global City, new Survey no. 5, 5B, 5F, 5G, 5D at Village Dongre, Virar (West), Taluka Vasai, District Thane.		
Nature and Description of Sample	Water Sample	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	1) W/PM/75/09/16 (Tanker Water)	Sample quantity and packing	2 L X 1 No. PVC Can.
		Sample Preservation	Cool -Transported and stored at 5 °C (± 1°C).
Date of Sampling	08.09.2016	Date of Receipt	09.09.2016
Sampling Procedure	Guideline for water quality monitoring- CPCB, 2007-08.		
Period of Analysis	10.09.2016 to 16.09.2016		
Report for the month	September, 2016.		

Parameters	Unit	Results	IS 10500:2012 Limits		Method
			Acceptable Limits	Permissible Limits	
pH	-	7.01	6.5-8.5	No relaxation	IS 3025 (Part 11) (1983)
TDS	mg / l	301.90	500	2000	By EC-TDS Meter
Alkalinity	mg / l	45.00	200	600	IS: 3025 (Part 23) (1986)
Chlorides as Cl	mg / l	109.97	250	1000	APHA 4500 Cl B (22 nd Edition)
Total Hardness	mg / l	195.00	200	600	APHA 2340 C (22 nd Edition)
Calcium	mg / l	38.08	75	200	APHA 3500 Ca B (22 nd Edition)
Magnesium	mg / l	24.30	30	100	APHA 3500 Mg B (22 nd Edition)
Residual chlorine	mg / l	Nil	0.20	1	IS 3025 part 26 (1986)
Sulphate	mg / l	18.70	200	400	IS3025 part24 (1986)
Nitrate	mg / l	1.98	45	No relaxation	EPA 352.1
Fluoride	mg / l	0.30	1	1.5	APHA 4500 F, D (22 nd Edition)
Dissolved Oxygen	mg / l	5.60	-	-	IS3025 part 38 (1989)
Turbidity	NTU	0.05	1	5	APHA 2130 B (22 nd Edition)
Heavy Metals:					
Iron (Fe)	mg / l	0.123	0.3	No relaxation	APHA 3111 (22 nd Edition)
Copper (Cu)	mg / l	0.010	0.05	1.5	APHA 3111 (22 nd Edition)
Zinc (Zn)	mg / l	0.109	5	15	APHA 3111 (22 nd Edition)
Lead (Pb)	mg / l	0.001	0.01	No relaxation	APHA 3111 (22 nd Edition)
Chromium (Cr)	mg / l	0.030	0.05	No relaxation	APHA 3111 (22 nd Edition)

End

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

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Ambient Noise Level Monitoring Report

Report No. - EAEPL/PM/ED/76/09/2016		Report Date - 16.09.2016	
Name of Customer	M/S. Evershine Developers	Reference – work order dated on 23.10.2015	
Site Address	Evershine Global City, new Survey no. 5, 5B, 5F, 5G, 5D at Village Dongre, Virar (West), Taluka Vasai, District Thane.		
Nature and Description of Sample	Noise	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	1) N/PM/76/09/16	Sample quantity and packing	Not Applicable
Date of Sampling	08.09.2016	Date of Receipt	Not Applicable
Sampling Procedure	Environmental Noise Survey Guidance document by EPA. Noise pollution (Regulation and Control) Amendment Rule 2010.		
Period of Analysis	Not Applicable		
Report for the month	September, 2016.		

Monitoring Locations	Units	Results	CPCB Norms	
		Day Time	Day	Night
Main Gate	dB(A) Leq.	54.8	55	45
Centre side	dB(A) Leq.	53.2	55	45
Back side	dB(A) Leq.	52.5	55	45
Near site office	dB(A) Leq.	51.6	55	45

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

End

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

Lab Incharge

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Ambient Air Quality Monitoring Report

Report No. - EAEPL/PM/ED/120/10/2016		Report Date - 25.10.2017	
Name of Customer	M/S. Evershine Developers	Reference - work order dated on 23.10.2015	
Site Address	Evershine Global City, new Survey no. 5, 5B, 5F, 5G, 5D at Village Dongre, Virar (West), Taluka Vasai, District Thane.		
Nature and Description of Sample	Ambient Air	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	1) A/PM/120/a,b/10/16 (Main Gate)	Sample quantity and packing	PM ₁₀ = 1 * 1 No. Filter paper. SO _x = 1 * 1 No. PVC bottle. NO _x = 1 * 1 No. PVC bottle.
		Sample Preservation	Cool -Transported and stored at 5 °C (± 1°C).
Date of Sampling	18.10.2017	Date of Receipt	19.10.2017
Sampling Procedure	CPCB, Conceptual guidelines and common methodology for air quality monitoring, emission inventory & source apportionment studies for Indian cities, was referred while drafting this SOP.		
Period of Analysis	19.10.2017 to 25.10.2017		
Report for the month	October, 2016.		

Environmental Conditions			
Ambient air Temperature (°C)	Relative humidity (%)	Duration of Monitoring	
29 ^o C	85 %	8 Hours	
RESULTS			
Monitoring Locations	Main Gate	NAAQS LIMITS	METHOD
Pollution Parameters	A/PM/120/a,b/10/16		
R.S.P.M (PM ₁₀) (µg/m ³)	39.92	100 µg/m ³	Gravimetric
SO ₂ (µg/m ³)	10.78	80 µg/m ³	Improved West & Gaeke method
NO _x (µg/m ³)	13.88	80 µg/m ³	Modified Jacob & Hochheiser (Na- Arsenite)

Remark: All the measured values are within NAAQS limits.

-----End-----

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

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Water Sample Analysis Report

Report No. - EAEPL/PM/ED/121/10/2016		Report Date - 25.10.2017	
Name of Customer	M/S. Evershine Developers		Reference - work order dated on 23.10.2015
Site Address	Evershine Global City, new Survey no. 5, 5B, 5F, 5G, 5D at Village Dongre, Virar (West), Taluka Vasai, District Thane.		
Nature and Description of Sample	Water Sample	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	1) W/PM/121/10/16 (Tanker Water)	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	18.10.2017	Date of Receipt	19.10.2017
Sampling Procedure	Guideline for water quality monitoring- CPCB, 2007-08.		
Period of Analysis	19.10.2017 to 25.10.2017		
Report for the month	October, 2016.		

Parameters	Unit	Results	IS 10500:2012 Limits		Method
			Acceptable Limits	Permissible Limits	
pH	-	7.68	6.5-8.5	No relaxation	IS 3025 (Part 11) (1983)
TDS	mg / l	401.93	500	2000	By EC-TDS Meter
Alkalinity	mg / l	65.00	200	600	IS: 3025 (Part 23) (1986)
Chlorides as Cl	mg / l	94.97	250	1000	APHA 4500 Cl B (22 nd Edition)
Total Hardness	mg / l	200.00	200	600	APHA 2340 C (22 nd Edition)
Calcium	mg / l	44.09	75	200	APHA 3500 Ca B (22 nd Edition)
Magnesium	mg / l	21.87	30	100	APHA 3500 Mg B (22 nd Edition)
Residual chlorine	mg / l	Nil	0.20	1	IS 3025 part 26 (1986)
Sulphate	mg / l	34.80	200	400	IS3025 part24 (1986)
Nitrate	mg / l	1.31	45	No relaxation	EPA 352.1
Fluoride	mg / l	0.30	1	1.5	APHA 4500 F, D (22 nd Edition)
Dissolved Oxygen	mg / l	5.20	-	-	IS3025 part 38 (1989)
Turbidity	NTU	0.05	1	5	APHA 2130 B (22 nd Edition)
Heavy Metals:					
Iron (Fe)	mg / l	0.171	0.3	No relaxation	APHA 3111 (22 nd Edition)
Copper (Cu)	mg / l	0.034	0.05	1.5	APHA 3111 (22 nd Edition)
Zinc (Zn)	mg / l	0.198	5	15	APHA 3111 (22 nd Edition)
Lead (Pb)	mg / l	0.001	0.01	No relaxation	APHA 3111 (22 nd Edition)
Chromium (Cr)	mg / l	0.030	0.05	No relaxation	APHA 3111 (22 nd Edition)

-----End-----

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

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Ambient Noise Level Monitoring Report


Report No. - EAEPL/PM/ED/122/10/2016		Report Date - 25.10.2017	
Name of Customer	M/S. Evershine Developers		Reference – work order dated on 23.10.2015
Site Address	Evershine Global City, new Survey no. 5, 5B, 5F, 5G, 5D at Village Dongre, Virar (West), Taluka Vasai, District Thane.		
Nature and Description of Sample	Noise	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	1) N/PM/122/10/16	Sample quantity and packing	Not Applicable
Date of Sampling	18.10.2017	Date of Receipt	Not Applicable
Sampling Procedure	Environmental Noise Survey Guidance document by EPA. Noise pollution (Regulation and Control) Amendment Rule 2010.		
Period of Analysis	Not Applicable		
Report for the month	October, 2016.		

Monitoring Locations	Units	Results	CPCB Norms	
		Day Time	Day	Night
Main Gate	dB(A) Leq.	55.2	55	45
Centre side	dB(A) Leq.	55.7	55	45
Back side	dB(A) Leq.	54.8	55	45
Near site office	dB(A) Leq.	55.4	55	45

Remark: The noise level was observed to be higher than CPCB limits at all locations except back site.

End

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


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