Sylvanus Properties Limited.

12/06/2019

Date: ~~18.04.2019~~

To,
S.R.O. Mumbai-I.
201-202, Raikar Chambers,
Govandi Station Road, near Jain Temple,
Govandi, Mumbai 400 088.

Sub : **Six Month Compliance submission as per Terms & Conditions stipulated in Environmental Clearance for our proposed residential development "Project of Group Housing Scheme" on plot bearing S.no.441/1,45/5,45/7,45/8,45/9b,45/14,45/18,33/17,43/1,45/2,42 at village Savroli &25/10 at village Dahivali,Taluka-Khalapur, District-Raigad.**

Ref. No. : **Environmental clearance letter No. SEAC 2011 /CR-795/TC-2 /Dated: 20th March, 2012 subsequently Amended on 11th June 2014.**

Respected Sir/Madam,

In reference to the above referred letter of your highly revered office we would like to submit the Current Status of our construction work and Point wise compliance status to various stipulations laid down in clearance letter No. **SEAC 2011 /CR-795/TC-2 /Dated: 20th March, 2012 subsequently Amended on 11th June 2014** along with the necessary annexure.

This Compliance report is for the period from **October 2018 to March 2019.**

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,

With warm regards,

For, **SYLVANUS PROPERTIES LIMITED**

SYLVANUS PROPERTIES LIMITED

Authorized Signatory

Encl : Part A: Current Status of Construction Work.
Part B: Point wise compliance status.
Datasheet
Annexure

12-6-19
Regional Office, Raigad
M.P.C. Board, Raigad Bhavan, 6th Floor,
C.B.D. Belapur, Navi Mumbai-400 614.

Copy to Regional Office, MoEF, Nagpur
Department of Environment Mantralaya, Mumbai
Regional Office, CPCB Vadodara

Sylvanus Properties Limited.

13.6.19
आवक लिपीक
पर्यावरण विभाग
मंत्रालय, मुंबई

12/06/2019

Date: ~~18.04.2019~~

To,

Environment Department Government of Maharashtra,
2nd Floor, New Administrative Building,
Madam Cama Road,
Mantralaya, Mumbai - 400032

Sub : **Six Month Compliance submission as per Terms & Conditions stipulated in Environmental Clearance for our proposed residential development "Project of Group Housing Scheme" on plot bearing S.no.441/1,45/5,45/7,45/8,45/9b,45/14,45/18,33/17,43/1,45/2,42 at village Savroli &25/10 at village Dahivali,Taluka-Khalapur, District-Raigad.**

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With warm regards.

For, **SYLVANUS PROPERTIES LIMITED**

Authorized Signatory

Encl : Part A: Current Status of Construction Work.
Part B: Point wise compliance status.
Datasheet
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Copy to Regional Office, MoEF, Nagpur
Regional Office Govandi, Mumbai
Regional Office, CPCB Vadodara

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: PART A :

Current Status of Work

Status of construction work		:	**As per below sheet**
a.	Date of commencement (Actual and/or planned)	:	**05/11/ 2012 (Actual)**
b.	Date of completion (Actual and/or planned)	:	**31/03/ 2022 (Planned)**

Sr. No	Project Name	Tower	No. Of floors	Current Activity	% wise Progress	
PHASE 1A						
1	Savroli	B1	G+7	Waterproofing work	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 97% 60% 58% 64% 16% 27%
2	Savroli	B2	G+7	Waterproofing work	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 94% 60% 33% 59% 9% 21%
3	Savroli	B3	G+7	waterproofing work	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 97% 65% 63% 64% 19% 19%
4	Savroli	C1	G+7	Waterproofing work	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 97% 60% 63% 60% 12% 27%
5	Savroli	C2	G+7	Waterproofing work	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 98% 60% 63% 65% 14% 27%
6	Savroli	D1	G+7	Waterproofing work	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 99% 60% 58% 83% 9% 37%
7	Savroli	D2	G+7	Waterproofing work	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 99% 59% 63% 50% 5% 26%

8	Savroli	D3	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 99% 100% 100% 100% 94%
9	Savroli	D4	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 96% 100% 98% 100% 92%
10	Savroli	D5	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 99% 100% 96% 100% 92%
11	Savroli	D6	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 96% 100% 94% 100% 92%
12	Savroli	E1	G+7	Internal Painting	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 100% 100% 100% 100% 100%
13	Savroli	E2	G+7	Internal Painting	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 100% 100% 100% 100% 100%
14	Savroli	E3	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 96% 100% 100% 100% 100%

15	Savroli	E4	G+7	Internal Painting	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 100% 100% 100% 100% 100%
16	Savroli	F1	G+7	Handover Work	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 100% 100% 100% 100% 100%
17	Savroli	F2	G+7	Handover Work	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 100% 100% 100% 100% 100%
18	Savroli	F3	G+7	Handover Work	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 100% 100% 100% 100% 100%
19	Savroli	F4	G+7	Handover Work	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 100% 100% 100% 100% 100%
20	Savroli	H1a	G+7	Internal Painting	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 100% 100% 96% 100% 96%
21	Savroli	H1b	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 100% 100% 100% 100% 94%

22	Savroli	H1c	G+7	Internal Painting	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 100% 100% 100% 100% 100%
23	Savroli	H1d	G+7	Internal Painting	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 100% 100% 100% 100% 95%
PHASE 1B						
1	Savroli	E5	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 0% 0% 0% 15% 0% 0%
2	Savroli	E6	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 0% 0% 0% 15% 0% 0%
3	Savroli	E7	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 0% 0% 0% 8% 0% 0%
4	Savroli	E8	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 0% 0% 0% 8% 0% 0%
5	Savroli	F5	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 0% 0% 0% 8% 0% 0%

6	Savroli	F6	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 0% 0% 0% 8% 0% 0%
7	Savroli	F7	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 0% 0% 0% 8% 0% 0%
8	Savroli	F8	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 0% 0% 0% 8% 0% 0%
9	Savroli	G1	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 0% 0% 0% 13% 0% 0%
10	Savroli	G2	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 0% 0% 0% 13% 0% 0%
11	Savroli	G3	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 0% 0% 0% 11% 0% 0%
12	Savroli	G4	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 0% 0% 0% 13% 0% 0%

13	Savroli	G5	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 0% 0% 0% 13% 0% 0%
14	Savroli	G6	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 0% 0% 0% 13% 0% 0%
15	Savroli	B4	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 95% 60% 33% 57% 4% 27%
16	Savroli	D7	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 0% 0% 0% 15% 0% 0%
17	Savroli	D8	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 0% 0% 0% 15% 0% 0%
18	Savroli	D9	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 0% 0% 0% 15% 0% 0%
19	Savroli	D10	G+7	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 0% 0% 0% 15% 0% 0%

20	Savroli	Villa1 & 2	G+1	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 100% NA 100% 100% 100%
21	Savroli	Villa3 & 4	G+1	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 60% NA 57% 0% 34%
22	Savroli	Villa5 & 6	G+1	Internal Finishing	1) RCC Slab 2) Waterproofing 3) Plumbing 4) Fire Fighting 5) Internal Finishes 6) Electrical 7) Painting	100% 100% 60% NA 57% 0% 38%

: PART B :

Compliance status of conditions stipulated in Environmental clearance for proposed expansion 'Project of Group Housing Scheme', on plot bearing S.no. 441/1, 45/5, 45/7, 45/8, 45/9b, 45/14, 45/18, 33/17, 43/1, 45/2, 42 at village Savroli & 25/10 at village Dahivali, Taluka-Khalapur, District-Raigad by the SEIAA in its clearance letter no. SEAC-2011/CR-795/TC-2, dated: 20/03/2012 subsequently amended on 11/06/2014 are as follows;

Sr. No.	Stipulated clearance condition	Compliance status
i.	Letter dated 26.9.2013 from Assistant Chief Engineer regarding permission of 5 MLD water and your letter dated 26.5.2014 noted. This EC issued subject to condition that formal agreement should be executed as per procedure at the earliest and occupation certificate to be issued only after assured water supply. Local authority should ensure this.	Noted.
ii.	This Environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with request to rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any. Judgments/ orders issued by Hon'ble High Court, Hon'ble NGT, Hon'ble Supreme court regarding DCR provisions, environmental issues applicable in this matter should be verified. If any discrepancy found in the plans submitted or details provided in the above para may be reported to the environment department. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact assessment Authority (SEIAA) approved the proposed land use.	❖ Obtained **1st Environmental clearance** from SEIAA, Maharashtra vide letter no. SEAC-2011/CR-795/TC-2, dated: 20/03/2012. ❖ Obtained **amended Environmental clearance** from SEIAA, Maharashtra vide letter no. SEAC-2011/CR-795/TC-2, dated: 11/06/2014. ❖ Please refer **Annexure – 1** for **Environmental clearance.** ❖ Obtained **Commencement certificate** from **Collector of Raigad, Alibaug** vied letter no. SRNOMSHA/L.N.A.1(B)/PRABHAG KRAMANK NO.41/2014, dated: 29/05/2014. ❖ Please refer **Annexure – 2** for **Commencement certificate.** ❖ Obtained **Fire NOC** from **Directorate, Maharashtra fire services** vide letter dated: 29/11/2014 & 17/07/2017 for Residential buildings. ❖ Please refer **Annexure – 3** for **Fire NOCs.**
iii.	No condition mentioned in EC	--
iv.	PP has to abide by the conditions stipulated by SEAC & SEIAA.	Noted

v.	The height, construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body and it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	❖ Height of the building is as per the approved building plan. ❖ Obtained **Zone certificate from Nagar Rachana and Valuation Department, Raigad, Alibagh vide letter no. 3871, dated: 01/10/2013.** ❖ Please refer **Annexure – 4 for Zone certificate.** ❖ **Layout plan has been approved by Alibagh, Raigad.** ❖ Please refer **Annexure – 5 for Approved Layout Plan.**
vi.	"Consent for Establishment" shall be obtained from MPCB under the Air and Water Act and a copy of the same shall be submitted to the Environment Department before start of any construction work at The site.	❖ MPCB granted consent to establish vide order no. MPCBHQ/RGHG/Raigad/CE/CC/663, dated: 23/10/2012 & further MPCB granted amendment consent to establish vide order no. Format 1.0/BO/RO-HQ/EIC-RD-2795-14/Amendment/CC-11518, dated: 05/12/2014 & Revalidated consent to establish vide order no. BO/RO(HQ)/UAN-35990/CE/Revalidation/CC-1803001515, dated: 31/03/2018. ❖ Please refer **Annexure – 6** for **Consent to Establish copies.**
vii.	All required Sanitary & Hygienic Measures are in Place before starting Construction activities and to be maintained throughout the Construction phase.	❖ All necessary facilities are provided on site for the construction workers. ❖ Site sanitation like safe & adequate Municipal water for drinking and domestic purpose, toilets, bathrooms, first Aid and periodical medical checkup facilities are provided at site. ❖ Please refer **Annexure – 7** for **workers health screening reports.**
viii.	Project proponent shall ensure completion of STP, MSW disposal Facility, green belt development prior to occupation of the buildings. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para. 2. Prior certification from appropriate authority shall be obtained.	❖ 2 STPs of capacity 785 KLD are installed at site. ❖ Treated waste water will be re-used for flushing and gardening. ❖ OWC for treatment of 3006 Kgs/day biodegradable waste is provided for the project. ❖ 944 Kgs/day non-biodegradable wastes is sorted into recycled and non-recycled waste and handed over to local solid waste management facility for further treatment on daily basis. ❖ Green belt has been developed over an area of 16,098 Sq. Meters with different trees.

ix.	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche and First Aid Room etc.	❖ 100 nos of residential & 240 nos of non-residential workers are working on site. ❖ 100 nos of hutments are provided for 100 nos of residential workers. ❖ Proper housekeeping & regular pest control have been carried out. ❖ First Aid and medical facilities have been provided. ❖ 20 nos of Toilets with septic tank and 20 nos of Bathrooms have been provided on the project site. ❖ Site sanitation like safe & adequate RO treated water for drinking purpose and Tanker water for domestic purpose. Periodical medical checkup facilities have been provided.
x.	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	❖ 100 nos of residential & 240 nos of non-residential workers are working on site. ❖ 100 nos of hutments are provided for 100 nos of residential workers. ❖ Proper housekeeping & regular pest control have been carried out. ❖ First Aid and medical facilities have been provided. ❖ 20 nos of Toilets with septic tank and 20 nos of Bathrooms have been provided on the project site. ❖ Site sanitation like safe & adequate RO treated water for drinking purpose and Tanker water for domestic purpose. Periodical medical checkup facilities have been provided.
xi.	The solid waste generated should be properly collected & segregated. Dry/inert solid waste should be disposed of for land filling after recovering recyclable material.	❖ Provision is made for storage, collection and segregation of biodegradable & non-biodegradable waste at source. ❖ Municipal solid waste generated at the labour camp is handed over to local body on daily basis.
xii.	Wet Garbage should be treated by composting method and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.	❖ OWC for treatment of 3006 Kgs/day biodegradable waste is installed.
xiii.	Arrangement shall be made that waste water and storm water do not get mixed.	❖ Provisions will be made of channelization of storm water from site by using proper internal SWD system and discharge points of having adequate capacity.

xiv.	All the topsoil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.	❖ Top soil is used in landscape Development.
xv.	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	❖ Excavated soil is partly used for backfilling and leveling within the project site.
xvi.	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	❖ Green belt has been developed over an area of 16,098 Sq. Meters with different trees.
xvii.	Disposal of muck during construction phase should not create any adverse effects on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	❖ Excavated soil is partly used for backfilling and leveling within the project site.
xviii.	Soil & ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	❖ Ground water table was not encountered as per geotechnical report. However, seasonal and annual fluctuations in ground water levels can be expected to occur, quality and levels of which will be monitored at project site through proposed recharge pits (construction of which are under progress) and the reports of the same will be submitted accordingly. ❖ Soil quality is being monitored. ❖ Please refer **Annexure – 8** for **Soil Monitoring reports.**
xix.	Construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such materials must be secured so that they should not leach into the ground water.	❖ As per consent granted by MPCB, No hazardous waste generation during construction phase.
xx.	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.	❖ As per consent granted by MPCB, No hazardous waste generation during construction phase.
xxi.	The diesel generator sets to be used during construction phase should be low sulfur diesel type and should be confirm to Environments (Protection) Rules prescribed for air and noise emission standards.	❖ No use of DG set during construction.
xxii.	The diesel required for operating DG sets shall be stored in underground tanks and if	❖ No use of DG set during construction.

	required, clearance from concerned authority shall be taken.	
xxiii.	Vehicles hired for bringing construction material to site should be in good condition and should have valid "pollution under check" (PUC) certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	❖ Vehicles hired for bringing construction material to site has valid PUC and are being allowed to enter the project site. ❖ Monitoring data conform to applicable air and noise emission standards and will be operated only during non-peak hours. ❖ Please refer **Annexure – 9 for PUC Certificates.**
xxiv.	Ambient noise level should conform to residential standards both during day and night. Incremental pollution load on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by the CPCB/MPCB.	❖ Ambient air and Noise levels monitoring is being carried out.
xxv.	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is Applicable only if the project site is located within the 100 Km of Thermal Power Stations.)	❖ Fly ash along with cement, metals & River Cruss and sand are being used.
xxvi.	Ready mixed concrete must be used in building construction.	❖ Ready mixed concrete is used in building construction.
xxvii.	The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of firefighting equipment's etc. as per the national building Code including measures from lighting.	**Structural stability :** ❖ Mr. Achyut Watve, (Consulting Structural Engineer certified the structural stability of the building vide letter no. TCN/2012-2013/2009, dated 18/02/2013. ❖ Please refer **Annexure – 10 for Structural stability certificate.** **Fire NOC :** ❖ Obtained Fire NOC from Directorate, Maharashtra fire services vide letter dated: 29/11/2014 & 17/07/2017 for Residential buildings. ❖ Please refer **Annexure – 3 for Fire NOCs.**
xviii.	Storm water control and its reuse as per CGWB and BIS standards for various applications.	❖ Agreed to comply with.
xxix.	Water demand during construction should be reduced by using pre-mixed concrete, curing agents and best practices referred.	❖ Ready mixed concrete and curing agents are being used.
xxx.	The ground water level and its quality should be monitored regularly in consultation with	❖ Ground water table was not encountered as per geotechnical report. However, seasonal

	Ground Water Authority.	and annual fluctuations in ground water levels can be expected to occur, quality and levels of which will be monitored at project site through proposed recharge pits (construction of which are under progress) and the reports of the same will be submitted accordingly. ❖ Soil quality is being monitored.
xxxi.	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation, Treated effluent emanating from STP shall be recycled/ refused to the maximum extent possible. Treatment of 100% gray water by decentralized treatment should be done. Discharge of unused treated affluent shall conform to the norms and standards of the MPCB. Necessary measures should be made to mitigate the odour problem from STP.	❖ 2 STPs of capacity 785 KLD are installed at site. ❖ Treated waste water will be re-used for flushing and gardening.
xxxii.	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site, etc.	❖ 2 STPs of capacity 785 KLD are installed at site. ❖ Treated waste water will be re-used for flushing and gardening. ❖ OWC for treatment of 3006 Kgs/day Biodegradable waste is installed.
xxiii.	Permission to draw ground water should be obtained from competent authority prior to construction/operation of project.	❖ Ground water extraction is not proposed for construction and operation phase, Hence permission from CGWA is not required. ❖ Tanker water is being used.
xxiv.	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	❖ Dual plumbing system has been provided for buildings for using the treated wastewater for flushing and gardening.
xxxv.	Fixtures for showers, toilet flushing and drinking should be done by use of low flow either by use of aerators or pressure reducing devices or sensor based control.	❖ Low flow fixtures have been provided for toilets, drinking water and showers.
xxvi.	Use of glass may be reduced to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	❖ We will use double glazed glass for windows and glazing especially where sun exposure is maximum.
xxvii.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	❖ We will use appropriate thermal insulation material to fulfill the prescriptive requirement as per energy conservation building code.

xviii.	Energy conservation measures like installation of CFCLs/TFLs for lightning the area outside the building should be integral part of the project design and should be in place before commissioning. Use CFLs and TFLs should be properly collected and disposed of/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.	**Following energy conservation measures has been implemented;** ❖ By using CFL & T5% Lamps with electronic ballast in common areas like corridors, Lift lobbies, staircase, lifts shafts, Terrace areas etc. against T8 lamps with conventional copper ballast. ❖ Solar Water Heater for master bed room toilet in upper 2 floors of all buildings (Considered for 9 months) ❖ Solar PV panel based external lighting in pathway areas with LED fixtures.
xxix.	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of "Enclosed type" and conform to rules made under Environment (Protection) Act 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low Sulphur diesel. The location of the DG sets may be decided with in consultation with MPCB.	❖ CPCB approved enclosed type D.G. set with proper stack height will only be used in case of power failure.
xl.	Noise should be controlled to ensure that the noise levels do not exceed the prescribed standards During night time the noise levels measured at the boundary	❖ The green belt design along the periphery of the plot will be such that it can attenuate the day and night noise levels to the standard prescribed for residential use. ❖ Please refer **Annexure – 8 for Noise monitoring reports.**
xli.	Traffic congestion near the entry and exit points from the roads adjoining the proposed site must be avoided. Parking should be fully internalized and no public space should be utilized.	❖ Public road and public areas are not being used for project activity purpose and are free for smooth traffic movement. ❖ Provisions are made for adequate parking facilities within the project complex.
xlii.	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non-air-conditioned spaces by use of appropriate thermal insulation to fulfill requirement.	❖ Agreed to comply with.
xliii.	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	❖ Adequate distance has been provided between two buildings to allow movement of fresh air and passage of natural light, air and ventilation.

xliv.	Regular supervision of above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	❖ Regular supervision is being carried out under competent staff.
xlv.	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	❖ Obtained **1st Environmental clearance** from SEIAA, Maharashtra vide letter no. SEAC-2011/CR-795/TC-2, dated: 20/03/2012. ❖ Obtained **amended Environmental clearance** from SEIAA, Maharashtra vide letter no. SEAC-2011/CR-795/TC-2, dated: 11/06/2014. ❖ Please refer **Annexure – 1** for **Environmental clearance.**
xlvi.	Six monthly monitoring reports should be submitted to the Department and MPCB.	❖ Six monthly monitoring reports are submitted regularly since the grant of EC.
xlvii.	A complete set of all documents submitted to the Department shall be forwarded to the MPCB.	❖ A complete set of all the documents has been submitted to MPCB with the consent to establish application.
xlviii.	In case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	❖ Noted.
xlix.	A separate environmental Management Cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	❖ A separate environment management cell has been established. ❖ Environmental quality is being monitored through external MoEF & CC approved laboratory.
l.	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for any other purposes and year- wise expenditure should reported to the MPCB & this department.	❖ Separate funds have been allocated for implementation of environmental protection measures; **Environmental Management Plan :** ❖ Rs. 417.75 Lakhs has been spent on environmental protection measures during construction & operation phase. **During operation phase :** ❖ Capital cost : Rs. 430 Lakhs and ❖ Recurring cost: Rs. 141 Lakhs per annum.
li.	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of the clearance letter are available with the MPCB and may also be seen at Website at http://ec.mahahrashtra.gov.in	❖ After getting Environmental clearance from SEIAA, Govt. of Maharashtra for the project vide letter no SEAC-2011/ CR-795/TC-2, dated: 11/06/2014 we published public notice in local newspapers. ❖ Please refer **Annexure – 11** for **Advertisement copy.**

lii.	Project management should submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms & conditions in hard & soft copies to the MPCB & this Department on 1st June & 1st December of each calendar year.	❖ Submitting six monthly compliance reports regularly to; ❖ RO, MPCB, Belapur. ❖ RO, MoEF & CC, Nagpur. ❖ Environmental department, Mantralaya and CPCB, Vadodara.
liii.	A copy of clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	❖ Environmental clearance copy submitted to District office, Alibagh, Raigad.
liv.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely: SPM, RSPM, SO_2, NO_x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	❖ Agreed to comply with.
lv.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal office of CPCB and the SPCB.	❖ Submitting six monthly compliance reports regularly to; ❖ RO, MPCB, Belapur. ❖ RO, MoEF & CC, Nagpur. ❖ Environmental department, Mantralaya and CPCB, Vadodara.
lvi.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	❖ Environmental statement for the FY 2017-18 is submitted to MPCB online portal. ❖ Environmental statement for the FY 2018-19 will be submitted to MPCB online portal after submission of this report (Oct'18-Mar'19)
4	The Environmental clearance is being issued without prejudice to the action initiated under EP act or any case pending in the	❖ Agreed to comply with

	court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP act or of the Hon'ble court will be binding on the project proponent hence this clearance does not give any immunity to the project proponent in the case filed against him, if any or action initiated under EP act.	
5	In case of submission of falls document and non-compliance of stipulated conditions, authority/ environment department will revoke or suspend the environmental clearance without any intimation and initiate appropriate legal action under environmental protection act 1986.	❖ Noted.
6	The environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	❖ Noted.
7	**Validity of environmental clearance:** the environmental clearance accorded shall be valid for a period of 5 years.	❖ As per MoEF & CC, OM dated: 29/04/2015 validity of Environmental clearance is for 7 years.
8	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.	❖ Agreed to comply with
9	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and (Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	❖ Agreed to comply with.
10	Any appeal against this environmental clearance shall lie with the National Green Tribunal, Van Vigyan Bhawan, Sec-5, R.K. Puram, New Delhi – 110 022, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	❖ Agreed to comply with.

Compliance as per

Monitoring the Implementation of Environmental Safeguards

Ministry of Environment, Forests & Climate Change

Regional Office (WCZ), Nagpur

Monitoring Report

DATA SHEET

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)		:	Group Housing Scheme
2.	Name of the project		:	Proposed Construction of **"Group Housing Scheme"** at Plot bearing Sr. No. 44/1, 45/5, 45/7, 45/8, 45/9B, 45/14, 45/18, 33/17, 43/1, 45/2, 42 at village Savroli & 25/10 at village Dahivali, Taluka Khalapur, District Raigad, State Maharashtra.
3.	Clearance letter (s) / OM No. and Date		:	❖ Obtained **1st Environmental clearance** from SEIAA, Maharashtra vide letter no. SEAC-2011/CR-795/TC-2, dated: 20/03/2012. ❖ Obtained **amended Environmental clearance** from SEIAA, Maharashtra vide letter no. SEAC-2011/CR-795/TC-2, dated: 11/06/2014. ❖ Please refer **Annexure – 1** for **Environmental clearance.**
4.	Location			
	a.	District (s)	:	Raigad
	b.	State (s)	:	Maharashtra.
	c.	Latitude/ Longitude	:	Latitude : 18°47'52.79" N Longitude : 73°17'6.28" E
5.	Address for correspondence		:	**Mr. Purav Acharya** **Sylvanus Properties Ltd.** 16th floor, Indiabulls Finance Centre, Elphinstone Mills compound, 612, Senapati Bapat Marg, Elphinstone (west), Mumbai - 400 013.
	a.	Address of Concerned Project Chief Engineer (with pin code & Telephone / telex / fax numbers	:	**Col. S.S. Kadyan (Retd.)** **Sylvanus Properties Ltd.** 16th floor, Indiabulls Finance Centre, Elphinstone Mills compound, 612, Senapati Bapat Marg, Elphinstone (west), Mumbai - 400 013. sskadyan@indiabulls.com

<table>
<tr><td></td><td>b.</td><td>Address of Executive Project: Engineer/Manager (with pin code/ Fax numbers)</td><td>:</td><td>Mr. Rajkumar Umrani
Indiabulls Golf City, Near Khalapur Toll Plaza, Pune-Mumbai Express Way, Village - Savroli
Mob. No. 09769798960
rajkumar.umrani@indiabulls.com</td></tr>
<tr><td>6.</td><td colspan="4">Salient features</td></tr>
<tr><td></td><td>a.</td><td>of the project</td><td>:</td><td>Proposed ‘Residential Group Housing Scheme</td></tr>
<tr><td></td><td>b.</td><td>of the environmental management plans</td><td>:</td><td>During Construction Phase:77 Lakhs
During Operation Phase:
Capital cost: 430 lakhs
O & M cost: 141 Lakhs per annum.</td></tr>
<tr><td>7.</td><td colspan="2">Breakup of the project area</td><td>:</td><td>42 Residential Buildings+ 6 Villas & 1 Club House
<table>
<tr><td>No. of Buildings</td><td>Floor plan Details</td><td>No. of tenement</td><td>Population (No’s)</td></tr>
<tr><td>Existing-25 bldgs.+ 6 villas</td><td>Bldg-G+7 Villa-G+1</td><td>786</td><td>3,930</td></tr>
<tr><td>Proposed-17 bldgs</td><td>Bldg-G+7</td><td>502</td><td>2510</td></tr>
<tr><td>Club House</td><td></td><td></td><td>241</td></tr>
<tr><td>Total</td><td></td><td>1288</td><td>6681</td></tr>
</table></td></tr>
<tr><td></td><td>a.</td><td>submergence area forest & non-forest</td><td>:</td><td>Project site is not a forest area</td></tr>
<tr><td></td><td>b.</td><td>Others</td><td>:</td><td>Total Construction BUA: 1,35,315 sq.mt.</td></tr>
<tr><td>8.</td><td colspan="2">Breakup of the project affected Population with enumeration of Those losing houses/dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan</td><td>:</td><td>Not Applicable.</td></tr>
<tr><td></td><td>a.</td><td>SC, ST/Adivasis</td><td>:</td><td>Not Applicable</td></tr>
<tr><td></td><td>b.</td><td>Others
(Please indicate whether these Figures are based on any scientific And systematic survey carried out Or only provisional figures, it a Survey is carried out give details And years of survey)</td><td>:</td><td>Not Applicable</td></tr>
<tr><td>9.</td><td colspan="4">Financial details</td></tr>
<tr><td></td><td>a.</td><td>Project cost as originally planned and subsequent revised estimates and the year of price reference.</td><td>:</td><td>Project Cost : Rs. 379 Crores (Approximate)</td></tr>
<tr><td></td><td>b.</td><td>Allocation made for environ-mental management plans with item wise and year wise Break-up.</td><td>:</td><td>❖ Separate funds have been allocated for implementation of environmental protection measures;</td></tr>
</table>

				Environmental Management Plan : ❖ Rs. 417.75 Lakhs has been spent on environmental protection measures during construction & operation phase. **During operation phase :** ❖ Capital cost : Rs. 430 Lakhs and ❖ Recurring cost: Rs. 141 Lakhs per annum.
	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. 270 Crores**
	f.	Actual expenditure incurred on the Environmental Management plans so far.	:	**Rs. 430.46 Lakhs**
10.	Forest land requirement			
	a.	The status of approval for diversion of forest land for non-forestry use	:	Not Applicable
	b.	The status of clearing felling	:	Not Applicable
	c.	The status of compensatory afforestation, if any	:	Not Applicable
	d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not Applicable
11.	The status of clear felling in Non-forest areas (such as submergence area of reservoir, approach roads), it any with quantitative information		:	Nil
12.	Status of construction		:	As Per Part 'A'
	a.	Date of commencement (Actual and/or planned)	:	05/11/ 2012 (Actual)
	b.	Date of completion (Actual and/of planned)	:	31/03/ 2022 (Planned)
13.	Reasons for the delay if the Project is yet to start		:	--
14.	Dates of site visits		:	
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:	Site not yet visited
	b.	Date of site visit for this monitoring report	:	--

15.	Details of correspondence with Project authorities for obtaining Action plans/information on Status of compliance to safeguards Other than the routine letters for Logistic support for site visits) (The first monitoring report may contain the details of all the Letters issued so far, but the Later reports may cover only the Letters issued subsequently.)	:	--

ULTRA-TECH (TM)

ULR -TC560019000001975F

Environmental Consultancy & Laboratory
Lab. Gazetted by MoEF&CC-Govt. of India [Recognized for period 02.06.2016 to 01.06.2021]
Lab. Accredited by NABL - ISO/IEC 17025:2005 [TC-5600, Valid Until 27.05.2019 in the field of Testing]
QCI-NABET Accredited EIA Consulting Organization
STP/ETP/WTP Project Management Consultants

ISO 9001 : 2015
OHSAS 18001 : 2007

Laboratory : G V Brothers Building, Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601. Maharashtra, India
Tele : +91 22 2547 49 07/ +91 22 2547 62 17 **Email :** lab@ultratech.in **Visit us at :** www.ultratech.in

TEST REPORT

ISSUED TO: M/s.SYLVANUS PROPERTIES LTD.
For Your Site : **"Savroli Project"**
S. no. 44/1, 45/5, 45/7, 45/8, 45/9b, 45/14, 45/18, 33/17, 43/1, 45/2, 42 at Savroli & 25/10 at Dahivali, Near Khalapur Toll Naka, Tal.-Khalapur, Dist.- Raigad.

REPORT NO. : UT/ELS/REPORT/2570/04-2019
ISSUE DATE : 26/04/2019
YOUR REF. : 3309101652
REF. DATE : 15/04/2019

SAMPLE PARTICULARS :

Sampling Plan Ref. No.: : C-04/11-2018
Sample Registration Date : 03/11/2018
Date of Sampling : 02/11/2018
Time of Sampling : 16:00 Hrs. to 00:00 Hrs.
Analysis Starting Date : 03/11/2018
Analysis Completion Date : 07/11/2018
Sample Lab Code : UT/ELS/C-024/11-2018
Ambient Air Temperature : 28.1 °C to 32.0°C

AMBIENT AIR QUALITY MONITORING

Location Code : 01
Sample Location : Near Pota Cabin (09 Meter off towards north direction)

Collected By : ULTRA-TECH
Height of Sampler : 1.0 Meter
Sampling Duration : 08 Hours
Relative Humidity : 52.0 % to 68.0%

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO_2)	IS 5182 (Part 02) : 2001	15	µg/m³
2.	Oxides of Nitrogen (NO_x)	IS 5182 (Part 06) : 2006	21	µg/m³
3.	Particulate Matter (PM_{10})	EPA/625/R-96/010a Method IO-2.1	76	µg/m³
4.	Particulate Matter ($PM_{2.5}$)	UT/LQMS/SOP/AA05	49	µg/m³
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10): 1999	1.2	mg/m³

†: Sampling Period 1 Hr.

Opinions / Interpretations: *National Ambient Air Quality Monitoring Standard, Part III- Section IV is provided as Annexure-I for your reference. (Turnover to find Annexure).*

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Respirable Dust Sampler	Make – Polltech; Model –PEM-RDS 8NL; Sr. No .3313	Valid up to – 12/10/2019
	Fine Dust Sampler	Make - Netel; Model - NPM FDS2.5/10µ (A); Sr. No. 222	Valid up to – 19/02/2019

Note:
1. This test report refers only to the sample tested.
2. Monitoring area coming under Residential areas and observed values are relevant to sample collected only.
3. This test report may not be reproduced in part, without the permission of this laboratory.
4. Any correction invalidates this test report.
5. Weather was Sunny &Clear throughout monitoring period.

– END OF REPORT –

ULTRA-TECH ★ Gazetted by MoEF Govt. of India ★ THANE (W) INDIA PIN-400 601 ★ ENVIRONMENTAL CONSULTANT & LABORATORY

For ULTRA-TECH,

Dr. Rahul Kolhapurkar
(Authorized Signatory)

H.O.: Unit No. 224,225,206, Jai Commercial Complex, Eastern Express Highway, Opp. Cadbury Factory, Khopat, Thane (W) 400 601.
Tel : +91-22-2534 27 76 / 2538 01 98 / 2533 14 33 Fax : +91-22-2542 96 50 **Email :** sales@ultratech.in
Pune : +91-20-27293043 - pune@ultratech.in **Kochi :** +91-484-4011173 / +91-9895200526 - kochi@ultratech.in
Kolkata : +91-33-40089145 / +91-9674488193 - kolkata@ultratech.in **Delhi:** +91-11-40158500 - delhi@ultratech.in

ANNEXURE-I

NATIONAL AMBIENT AIR QUALITY STANDARDS, PART III-SECTION IV
The Gazette of India with Effect from Wednesday, November 18, 2009/KARTIKA 27, 1931

Sr. No.	Pollutants	Time Weighted Average	*National Ambient Air Quality Standards*	
			Industrial, Residential, Rural and Other Area	Ecological Sensitive Area (Notified by Central Government)
01.	Sulphur Dioxide (SO_2), µg/m³	Annual*	50	20
		24 Hours**	80	80
02.	Oxides of Nitrogen (NO_X), µg/m³	Annual*	40	30
		24 Hours**	80	80
03	Particulate Matter (PM_{10}), µg/m³	Annual*	60	60
		24 Hours**	100	100
04.	Particulate Matter ($PM_{2.5}$), µg/m³	Annual*	40	40
		24 Hours**	60	60
05.	Carbon Monoxide (CO), mg/m³	08 Hours*	02	02
		01 Hours**	04	04

* Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

** 24 hourly or 8 hourly or 1 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

NOTE: Whenever and wherever monitoring results on two consecutive days of monitoring exceed the limits specified above for the respective category, it shall be considered adequate reason to institute regular or continuous monitoring and further

ULTRA-TECH (TM)

ULR -TC560019000001976F

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REPORT NO. : UT/ELS/REPORT/2571/04-2019
ISSUE DATE : 26/04/2019
YOUR REF. : 3309101652
REF. DATE : 15/04/2019

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING

Sampling Plan Ref. No.:	:	C-04/11-2018	**Location Code**	:	02
Sample Registration Date	:	03/11/2018	**Sample Location**	:	Near Main Gate (10 meter off towards north-west direction)
Date of Sampling	:	03/11/2018			
Time of Sampling	:	00:30 Hrs. to 08:30 Hrs.			
Analysis Starting Date	:	03/11/2018	**Collected By**	:	ULTRA-TECH
Analysis Completion Date	:	07/11/2018	**Height of Sampler**	:	1.0 Meter
Sample Lab Code	:	UT/ELS/C-025/11-2018	**Sampling Duration**	:	08 Hours
Ambient Air Temperature	:	27.4°C to 31.6°C	**Relative Humidity**	:	52.0 % to 69.0 %

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO_2)	IS 5182 (Part 02) : 2001	17	µg/m³
2.	Oxides of Nitrogen (NO_X)	IS 5182 (Part 06) : 2006	27	µg/m³
3.	Particulate Matter (PM_{10})	EPA/625/R-96/010a Method IO-2.1	88	µg/m³
4.	Particulate Matter ($PM_{2.5}$)	UT/LQMS/SOP/AA05	53	µg/m³
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10): 1999	1.1	mg/m³

†: Sampling Period 1 Hr.

Opinions / Interpretations: *National Ambient Air Quality Monitoring Standard, Part III- Section IV is provided as Annexure-I for your reference. (Turnover to find Annexure)..*

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For ULTRA-TECH,

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		01 Hours**	04	04

* Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

** 24 hourly or 8 hourly or 1 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

NOTE: Whenever and wherever monitoring results on two consecutive days of monitoring exceed the limits specified above for the respective category, it shall be considered adequate reason to institute regular or continuous monitoring and further

ULTRA-TECH
Environmental Consultancy & Laboratory
Lab. Gazetted by MoEF&CC-Govt. of India [Recognized for period 02.06.2016 to 01.06.2021]
Lab. Accredited by NABL - ISO/IEC 17025:2005 [TC-5600, Valid Until 27.05.2019 in the field of Testing]
QCI-NABET Accredited EIA Consulting Organization
STP/ETP/WTP Project Management Consultants

ISO 9001 : 2015
OHSAS 18001 : 2007

Laboratory : G V Brothers Building, Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601. Maharashtra, India
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TEST REPORT

ISSUED TO: M/s.SYLVANUS PROPERTIES LTD.
For Your Site : **"Savroli Project"**
S. no. 44/1, 45/5, 45/7, 45/8, 45/9b, 45/14, 45/18, 33/17, 43/1, 45/2, 42 at Savroli & 25/10 at Dahivali, Near Khalapur Toll Naka, Tal.-Khalapur, Dist.- Raigad.

REPORT NO. : UT/ELS/REPORT/2572/04-2019
ISSUE DATE : 26/04/2019
YOUR REF. : 3309101652
REF. DATE : 15/04/2019

SAMPLE PARTICULARS :
Sampling Plan Ref. No. : C-04/11-2018
Date of Monitoring : 02/11/2018

NOISE LEVEL QUALITY MONITORING
Sample Lab Code : UT/ELS/C-026/11-2018
Survey Done By : ULTRA-TECH

Sr. No.	Location	Noise Level Reading in dB(A)			
		Time (Hrs)	Day dB(A)	Time (Hrs)	Night dB(A)
01.	Near Pota Cabin	10:00 to 10:05	54.0	22:00 to 22:05	44.1
02.	Near Main Gate	10:10 to 10:15	53.6	22:10 to 22:15	43.6
03.	Near Golf Hole No. 06	10:20 to 10:25	52.9	22:20 to 22:25	42.8

Opinions / Interpretations: *The Noise Pollution (Regulation And Control) Rules, 2000: Is Provided as Annexure II for Your Reference. (Turnover to find Annexure)..*

Note:
1. Monitoring area coming under Residential Area.
2. Noise level monitored is an average for period as stated above, the permissible sound pressure level is to be determined with respect to the total time a workman is being exposed (continuously or a number of short term exposures per day) in Hrs.

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Sound Level Meter	Make – OPTEL; Model – dB Meter; Sr. no. 6N-91	Valid up to – 09/10/2019

Note:
1. This test report refers only to the monitoring conducted.
2. This test report may not be reproduced in part, without the permission of this laboratory.
3. Any correction invalidates this test report.

– END OF REPORT –

ULTRA-TECH Gazetted by MoEF Govt. of India THANE (W) INDIA PIN-400 601 ENVIRONMENTAL CONSULTANTS & LABORATORY

For ULTRA-TECH,

Dr. Rahul Kolhapurkar
(Authorized Signatory)

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ANNEXURE-II

THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000

(The Principal Rules were published in the Gazette of India, vide S.O. 123(E), dated 14.2.2000 and subsequently amended vide S. O. 1046(E), dated 22.11.2000, S.O. 1088(E), dated 11.10.2002, S.O. 1569 (E), dated 19.09.2006 and S.O. 50 (E) dated 11.01.2010 under the Environment (Protection) Act, 1986.)

• SCHEDULE

(See rule 3(1) and 4(1))

Ambient Air Quality Standards in respect of Noise

Area Code	Category of Area / Zone	Limits in dB(A) Leq	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Note:
1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.
3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

* dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.

A "decibel" is a unit in which noise is measured.

"A", in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.

Leq: It is energy mean of the noise level over a specified period.

• CONSTRUCTION ACTIVITIES

The maximum noise levels near the construction site should be limited to 75 dB(A) Leq(5 min.) in industrial areas and to 65 dB(A) Leq(5 min.) in other areas.

• THE PERMISSIBLE LEVELS FOR NOISE EXPOSURE FOR WORK ZONE

(TheModel Rules Of The Factories Act, 1948)

Peak sound pressure level in dB	Permitted number of impulses or impact/day
140	100
135	315
130	1000
125	3160
120	10000

Notes:
1. No exposure in excess of 140 dB peak sound pressure level is permitted.
2. For any peak sound pressure level falling in between any figure and the next higher or lower figure as indicated in column 1,the permitted number of impulses or impacts per day is to be determined by extrapolation on a proportionate basis.

Total time exposure (continuous or a number of short term exposures per day) in Hrs	Sound Pressure Level in dB(A)
8	90
4	93
2	96
1	99
1/2	102
1/8	108
1/16	111
1/32 (2 minutes) or less	114

Notes:
1. No exposure in excess of 115 dB(A) is to be permitted.
2. For any period of exposure falling in between any figure and the next higher or lower figure as indicated in column 1,the permissible sound pressure level is to be determined by extrapolation on a proportionate basis.

ULTRA-TECH (TM)

ULR -TC560019000001977P

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REPORT NO. : UT/ELS/REPORT/2573/04-2019
ISSUE DATE : 26/04/2019
YOUR REF. : 3309101652
REF. DATE : 15/04/2019

SAMPLE PARTICULARS :

Sampling Plan Ref. No. : C-04/11-2018
Sample Registration Date : 03/11/2018
Date & Time of Sampling : 02/11/2018 at 17:00 Hrs.
Analysis Starting Date : 03/11/2018
Analysis Completion Date : 21/11/2018
Sample Collected By : ULTRA-TECH
Sample Lab Code : UT/ELS/C-027/11-2018

SOIL QUALITY MONITORING

Sample Type : Surface Soil (at 15cm depth)
Sample Location : At Project Site

Sample Quantity & Packing Details : 1kg In Plastic Bag Contained in Zip Lock Bag

Sr. No.	Test Parameter	Test Methods	Test Result	Unit
1.	Colour*	-	Brown	-
2.	Moisture Content	IS:2720 (Part 2) : 1973	6.2	%
3.	Bulk Density	UT/LQMS/SOP/S03	1146	kg/m³
4.	Organic Matter	IS:2720 (Part 22) : 1972	1.0	%
5.	Total Organic Carbon	IS:2720 (Part 22) : 1972	0.6	%
6.	pH	IS:2720 (Part 26) : 1987	8.0	-
7.	Conductivity(1:2soil:Water Extract)	IS:14767- 2000	0.312	mS/cm
8.	Salinity (1:2 soil: Water Extract)*	Calculated in terms of Total Dissolved Solids	193	mg/L
9.	Sodium as Na (Water Extractable)*	UT/LQMS/SOP/S19	120	mg/kg
10.	Magnesium as Mg (Water Extractable)*	UT/LQMS/SOP/S22	81	mg/kg
11.	Chlorides as Cl^- (Water Extractable)*	UT/LQMS/SOP/S23	70	mg/kg
12.	Sulphate as SO_4^{2-} (Water Extractable)*	UT/LQMS/SOP/S24	114	mg/kg
13.	Sodium Adsorption Ratio*	UT/LQMS/SOP/S26	1.1	$(meq/kg)^{1/2}$
14.	Cation Exchange Capacity	USEPA 846 9080	23.1	meq/100g
15.	Water Holding Capacity	ASTM- T7367-07	56.1	%
16.	Available Boron as B (Available)	UT/LQMS/SOP/S27	0.9	mg/kg
17.	Phosphorous as P_2O_5 (Available)	UT/LQMS/SOP/S28	69	kg/ha
18.	Potassium as K_2O (Available)	UT/LQMS/SOP/S29	147	kg/ha
19.	Nitrogen as N (Available)	UT/LQMS/SOP/S30	103	Kg/ha
20.	Iron as Fe	USEPA SW846 7380	59434	mg/kg
21.	Zinc as Zn	USEPA SW846 7950	110	mg/kg

BDL= Below Detection Limit **DL= Detection Limit**

Opinions / Interpretations: *NIL*

Note:
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2. This test report may not be reproduced in part, without the permission of this laboratory.
3. Any correction invalidates this test report.
4. *: Parameters not covered under NABL scope.

– END OF REPORT –

ULTRA-TECH ★ Gazetted by MoEF Govt. of India ★ THANE (W) INDIA PIN-400 ★ ENVIRONMENTAL CONSULTANCY & LABORATORY

For ULTRA-TECH

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