

Post EC Report for June 2022..

1 message

Sundar Jagadale <enviconmail@gmail.com> To: eccompliance-mh@gov.in 18 June 2022 at 16:21

Dear Sir / Madam,

Please find attached herewith the Post EC Report for June 2022 for our project M/s Pantheon Associates LLP, at New Gat No. S.No 108/2/4, Wakad, Tal. Mulshi, Dist. Pune.

Kindly acknowledge the receipt of the same.

Thanks & Regards,

For M/s Pantheon Associates LLP.

Pantheon Associates LLP_Post EC Compliance Report_June 2022.pdf 2723K



Post EC Report for June 2022..

1 message

Sundar Jagadale <enviconmail@gmail.com> To: Pimprichinchwad SRO <sropimprichinchwad@mpcb.gov.in> 18 June 2022 at 16:27

Dear Sir / Madam,

Please find attached herewith the Post EC Report for June 2022 for our project M/s Pantheon Associates LLP, at New Gat No. S.No 108/2/4, Wakad, Tal. Mulshi, Dist. Pune.

Kindly acknowledge the receipt of the same.

Thanks & Regards,

For M/s Pantheon Associates LLP.

Pantheon Associates LLP_Post EC Compliance Report_June 2022.pdf 2723K





Date: June 18, 2022

To, Additional Principal Chief Conservator of Forests, Ministry of Environment, Forest & Climate Change, Regional Office (West Central Zone) Ground Floor, East Wing "New Secretary Building" Civil lines, Nagpur- 440 001

Subject: Submission of Half Yearly Post Environmental Clearance Compliance Reports for June 2022..

Ref: Environment Clearance Letter No. SIA/MH/MIS/145937/2020 Dated. 08/07/2020.

Dear Sir,

Please find enclosed herewith the post environmental clearance compliance reports for June 2022.

Thanking you,

Yours faithfully,

For M/s Pantheon Associates LLP

1.10 1.00

Authorised Signatory Encl: A/a CC: The Regional Officer MPCB, Pune





S.No. 177/1+2, Shop No. 3, Sai Paradise Co-op. Hsg. Society, Pimple Saudagar, Pune - 411027 Mobile : 8007092626 Mail : sales@pantheonassociates.in GST No: 27AAWFP8373M1Z2

1	Project type: River- Valley/Mining/Industry/Thermal/Nuclear/ Other (specify).	Residential & Commercial Project
2	Name of the project	M/s Pantheon Associates LLP
3	Clearance letter (s)/OM No. and date	SEAC- SIA/MH/MIS/145937/2020 Dated. 08/07/2020.
4	Location:	New Gat No. S.No 108/2/4, Wakad, Tal. Mulshi,
	a) District (s)b) State (s)c) Location Latitude/Longitude	Pune. Maharashtra Longitude – 18°36'36.85''N Latitude – 73°44'29.14''E
5	Address for correspondence Address of the Concerned Project Chief Engineer (with Pin Code & telephone/telex/fax numbers)	Mr. Haresh Premchand Chandwani S NO 177/1+2, Shop No. 3, Sai paradise co-op. Hsg. Society, Pimple Saudagar, Pune.
6	Salient features	
	a) Of the project	Attached Annexure – I
	b) Of the Environmental management plans	Attached Annexure – II
7	Break up of the project area	Total Plot Area – 8,340.00 sq.m. Total Built-up Area – 38,930.27 sq.m.
	a) Submergence area: forest and non- Forest	N. A.
	b) Others	N. A.
8	c) Break up of the project affected population with enumeration of those losing houses/dwelling units only agricultural land only Both dwelling units only agricultural land only Both dwelling units & agricultural land & landless laborers/artisans:	N. A.

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Part – I Data Sheet

	a) SC, ST/Adivasi	N. A.
	b) Others	N. A.
9	Financial details:	
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference	Rs. 98.00 Crores
	 b) Allocation made for environmental management plans with item wise and year wise and break-up 	Attached, Annexure – III
	c) Benefit cost ratio/Internal rate of Return and the year of assessment	
	d) Whether © includes the cost of environmental management as shown in the above	Yes.
	e) Actual expenditure incurred on the project so far	Rs. 19.81 Crores (Up to May 2022)
10	Forest land requirement	
	a) The status of approvals for diversion of forest land for non-forestry use.	N. A.
	b) The status of clearing felling	N. A.
	c) The status of compensatory afforestation, if any	N. A.
	d) Comments on the viability & Sustainability of compensatory a Forestation programme 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 or reservoir, approach Roads.), if any with Quantitative information required.	N. A.

12	Status of construction (Actual &/or planned)	The Project involves construction of Residential –
		Building $A = G+M+10$ FL
		Building $B = B+P+P+12 FL$
	.19	Building $C = B+P+P+13$ FL
		Building $D = B+P+P+13$ FL
		Proposed Tenements: 347 Nos
		Shops: 08 Nos
		Till date status of construction is as below: (Up to May 2022)
	12	Building A = RCC Completed up 9 th Floor Building B = RCC Completed up 10 th Floor Building C = Work Not Started. Building D = Work Not Started.
	a) Date of commencement (Actual &/or planned)	26/08/2020
	 b) Date of completion (Actual &/or planned) 	2025
13	Reason for the delay if the project is yet to start.	N. A.

Name: Mr. Haresh Premchand Chandwani

Signature: Le Jandini Date: June 18, 2022

LIST OF ANNEXURES

Sr. No.	Particulars	Annexure No.
1	Salient Features of The Project	Ι
2	Environment Management Plan	Π
3	Cost of Environment Management Plan	III
4	Compliance of Environment Clearance Condition	IV
5	Environment Monitoring Report	V
6	Copy of Consent to Establish	VI
7	Copy of Environment Clearance	VII

Annexure I

ANNEXURE – I

Salient Features of the Project

Project site	M/s Pantheon Associates LLP New Gat No. S.No 108/2/4, Wakad, Tal. Mulshi, Pune 411 057
	The Project is proposing development as below: Residential –
	Building A = G+M+10 FL
	Building B = B+P+P+12 FL
Construction & Development	Building C = B+P+P+13 FL
	Building D = B+P+P+13 FL
	Proposed Tenements: 347 Nos
	Shops: 08 Nos
Total Plot Area	8,340.00 sq.m.
Total Built Up Area	38,930.27 sq.m.
Water required	162.97 M ³ /day
Estimated Project Cost	98.00 Crores
STP Capacity	225 KLD
DG Set Capacity & Nos.	DG Set 180 KVA = 1 Nos. DG Set 82.5 KVA = 1 Nos.
Nearest railway stations	The nearest railway stations - Kasarwadi 9.00 KM
Nearest Airport	Pune Airport is about 25.00 KM from the site & It is connected by direct flights to Mumbai, Delhi, Bangalore, etc.

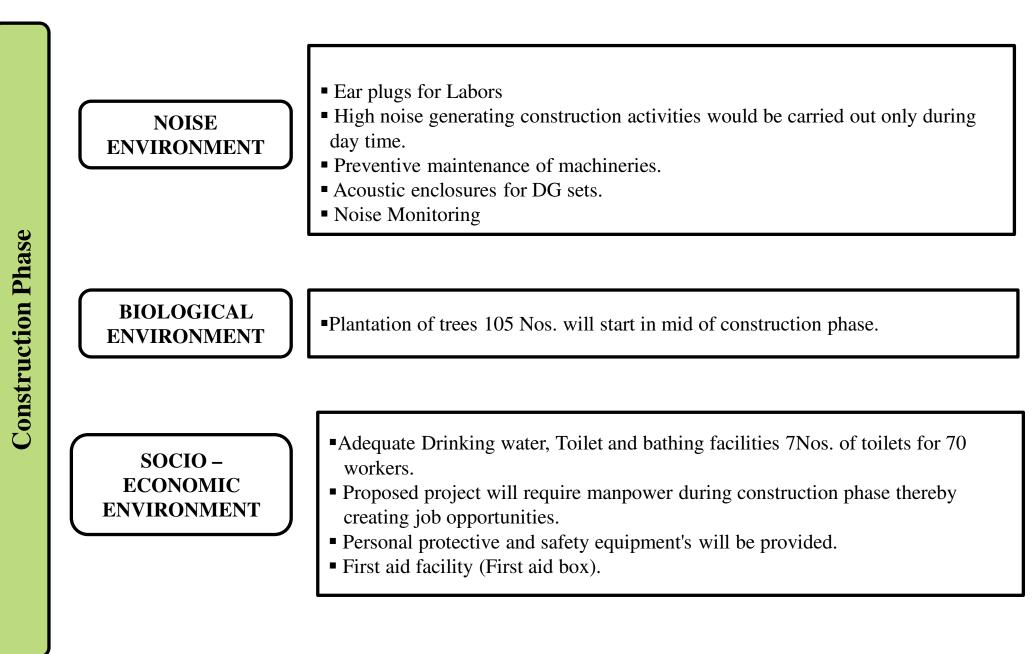
Annexure II

Annexure II

ENVIRONMENTAL MANAGEMENT PLAN

ase	AIR ENVIRONMENT	 During Construction ready mix concrete in enclosed container shall be used. Dust Control :Water Sprinkling, Cover on roads Barricades provided along with the periphery of the site. Dust covers shall be provided on trucks that would be used for transportation DG as per CPCB norms. Ambient air quality monitoring for the parameters SO2, NOx, PM10, PM2.
Construction Phase	WATER ENVIRONMENT	 Provision of Temporary toilets. 7 Nos. toilets for 70 workers Disposal through packaged STP & treated water will be used for curing purpose. Water. Analysis for the parameters of IS:10500
Co	LAND ENVIRONMENT	Separate storage of Construction material

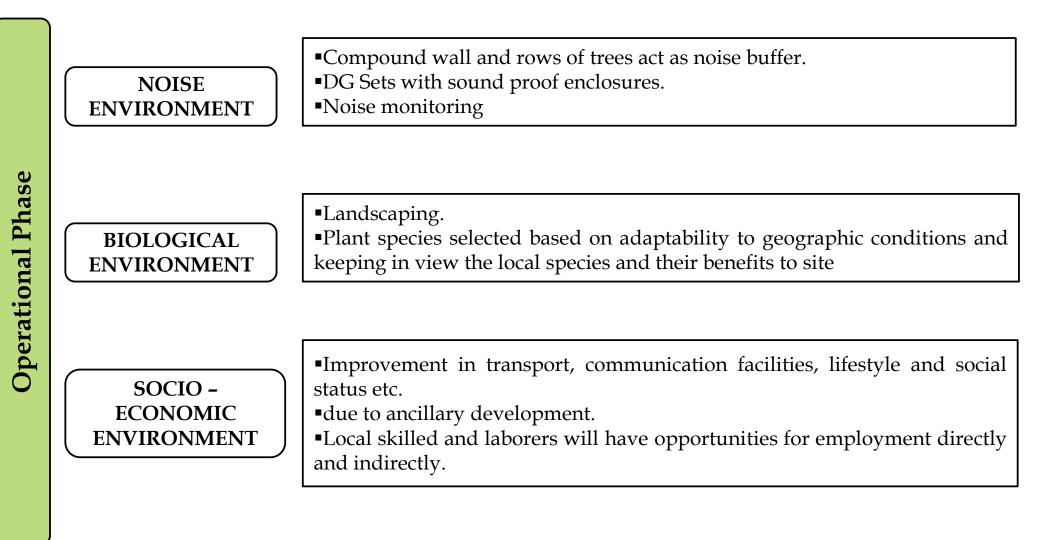
ENVIRONMENTAL MANAGEMENT PLAN



ENVIRONMENTAL MANAGEMENT PLAN

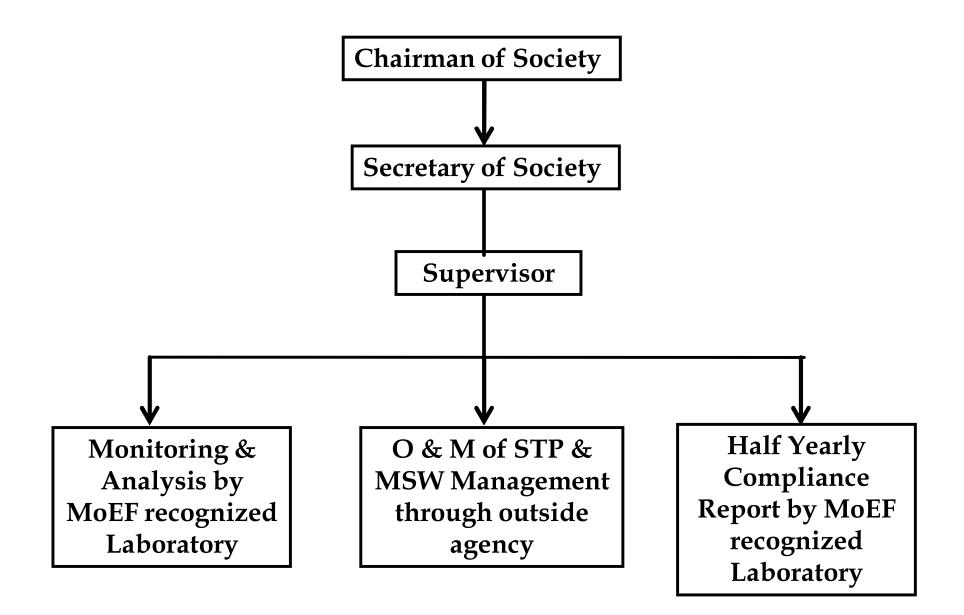
	AIR ENVIRONMENT Providing Green Belt around the site. (105 No. of trees.) Acoustical Enclosures for DG set. Ambient air quality monitoring for the parameters SO2, NOx, PM2.5. Insist for PUC certified vehicles for flat owners.		
Operational Phase	WATER ENVIRONMENT	 The sewage will be treated in full fledged sewage treatment plant 225 m3/day sewage shall be reused for in-house flushing and landscaping (90.34 m3/day). The storm water management Rain water Harvesting will be implemented (8 nos. of recharge pits.) 	
Opera	LAND ENVIRONMENT	 Segregation at source for all solid waste streams Proper disposal of waste through well managed Solid waster Management team. 361 Kg/day Dry waste will be given to SWaCH. 530 Kg/day Wet waste will be composted and will be used as manure after treatment in OWC. 	

ENVIRONMENTAL MANAGEMENT PLAN



EMP will be implemented by Environment Management Cell with the support of MoEF recognized Laboratory

ENVIRONMENT MANAGEMENT CELL



Annexure III

Annexure III

COST OF ENVIRONMENTAL MANAGEMENT

Sr. No	Description	Capital Cost (Rs.) (Lakh)	O & M Cost Per Annum (Rs.) (Lakh/Year)
1	STP	64.00	12.20
2	RWH	9.50	1.15
3	MSW	15.75	3.56
4	Solar system	80.00	1.60
5	Landscaping	17.00	2.00
6	Post EC Monitoring	-	2.50
7	Dry Waste Management	-	2.08
8	E-waste	-	0.50
9	Disaster Management	171.73	39.64
TOTAL		357.98	65.23

Annexure IV

		Annexure IV
	Specific Conditio	ns:
Sr.No	Particular	Status
I	PP to ensure that CER plan gets approved from Municipal Commissioner.	We have CER plan submmited to Municipal Commissioner.
II	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.I1I dt.04.01.2019.	We will Comply.
Ш	SEIAA decided to grant EC for —FSI: 16563.75 m2, Non-FSI: 22366.52 m2 and Total BUA: 38930.27 m2 (Plan Approval no- BP/EC/Wakadll8/2019, dated 05.12.2019)	Noted.
	General Conditio	ns:
Sr.No	Particular	Status
Ι	E-waste shall be disposed through Authorised vendor as per E-waste (Management and Handling) Rules, 2016	If E waste generates, we will dispose the same to authorised E waste Reprocessor.
II	The Occupancy certificate shall be issued to the project by local planning authority only after ensuring availability of drinking water & connectivity of the sewer line to the project site and proper disposal of treated wateras per environmental norms.	We will obtain occupancy certificate after availability of Water & Sewer line.
III	This environmental clearance is to subject to obtaining NOC from forestry and wildlife angle including from the standing committee of the national board for wildlife as if applicable and this environmental clearance does not necessarily implies that forestry and wild life clearance granted to the project which will be considered seperataly on merit.	NA
IV	PP has to abide by the conditions stipulated by SEAC & SEIAA	We will obey all the conditions stipulated by SEAC & SEIAA.
V	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	we will carry out construction as per approval plan of local boby.
VI	If applicable "Consent For Establishment' shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	We have obtained consent to establishment (C to E) from MPCB. Copy of C to E is attached.
VII	All required sanitary any hygienic measured should be in place before starting construction activities and to be maintained throughout the construction phase.	We have maintained sanitary any hygienic condition throughout the construction phase.

VIII	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	We have provided and maintain the same.
IX	The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	we have properly collect all generated solid waste & disposed as per Rules & Regulations.
х	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	we will take proper care of this.
ХІ	Arrangement shall be made that waste water and storm water do not get mixed.	We have provided separate Storm water and Waste Water lines
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	All topsoil will be used for landscaping only
XIII	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	we will do the same.
XIV	Green Belt Development shall be carried out considering CPCB guidelines including selection of -plant species and in consultation with the local DFO/Agriculture Dept.	Green belt will be provided as per CPCB norms.
XV	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Soil analysis reports is attached. Ground water will not be used for the project.
XVI	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.	we will take proper care of this
XVII	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	Hazardous waste will be disposed as per MPCB norms.
XVIII	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	We will provide the same as per norms.

ХІХ	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	Diesel required will be purchase as and when requried, there is no storage at site.
хх	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	Vehicle hired will be in good conditions and as per norms.
XXI	Ambient noise levels should conform to residential standards both during day and night. incremental pollution loads on the ambient air, and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to confoiva to the stipulated standards by CPCB/MPCB.	Air & Noise Monitoring is carrired out. Analysis Reports are attached.
XXII	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).	Fly ash is used in construction in concrete as per the Fly Ash Notification. Also we will use fly ash brick for construction.
XXIII	Ready mixed concrete must be used in building construction.	We will use only Ready mixed concrete.
XXIV	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Proper storm water control system will be provided
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	we will do the same.
XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.3	We are not using ground water.
XXVII	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated affluent, if any should be discharge in the sewer line.Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated affluent, if any should be discharge in the sewer line.Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.	we will do the same.
XXVIII	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to Construction/operation of the project.	NA, As we are not using any ground water for construction actvity.

	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	we will do the same.
X X X	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	we will do the same.
	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	we will do the same.
XXXII	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	we will do the same.
VVVIII	Energy conservation measures like installation of CFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non conventional energy source as source of energy.	
XXXIV	Diesel power generating sets proposed as source of back up power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	We will provide the same as per norms.
	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	Noise monitoirng carrying out. Reports attached.
	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	we will maintain the same

XXXVII	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	we will maintain the same
xxxviii	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	we will maintain adequate distance between two buildgs
XXXIX	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	We will do the same throughout the constriction phase.
XL	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	We have obtain Environment Clearance and then started Construction activity.
XLI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	We have regularly submit the Post Environment clearance report to MoEF, Nagpur & MPCB Offices.
XLII	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.	We will ensure the same.
XLIII	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.	OWC will be provided
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	Noted.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	We will submit the same.
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	ΝΑ
XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	provided

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XLVIII	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	Provided
XLIX	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://parivesh.nic.in.	Advertisment was given in local news paper.
L	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1St June & 1st December of each calendar year.	We have regurlary submitted the six monthly compliance report to MPCB & MoEF & CC, Nagpur.
LI	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	We have send the same to local body and uploaded on web site.
LII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO2, NOx (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	We will provide and maintain the same.
LIII	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	

	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	
1.0.7	Control Board as prescribed under the Environment (Protection) Rules, 1986, as	
LIV	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.	

Annexure V



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ANALYSIS REPORT

Client's Name	& Address	Rep	ort No.	JV/22-23/	05/379	
To, M/s. Pantheon Associates LLP New Gat No. S.No 108/2/4, Wakad,			ort Date	21/05/2022 Ambient Air		
			e of Monitoring			
			t Location	Near Main Gate JV/PA/22-23/05/379		
			Reference No.			
	st. Pune. 41105		e of Sampling	14/05/2022		
			e of Analysis	16/05/2022 To 20/05/2022		
		0	BSERVATION			
Ambient	Dry Bulb	Wet Bulb	Relative	Time of	Sampling	
Temp. ^o C	Temp. ^o C	Temp. ^o C	Humidity % RH	Sampling	Duration in Min	

RESULTS

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27

11:00

Sr. No.	Description	Results	NAAQ Standards	Unit	Standard Method
1	Sulphur Dioxide (SO ₂)	21.69	≤ 80	µg/m³	IS 5182(Part2):2001
2	Oxides of Nitrogen (NO _x)	30.25	≤ 80	µg/m³	IS 5182(Part6):2006
3	Particulate Matter PM ₁₀	54.07	≤ 100	µg/m³	IS 5182(Part23):2006
4	Particulate Matter PM _{2.5}	20.83	≤ 60	µg/m³	WI/Lab/Ambient/04
5	*Carbon Monoxide (CO)	0.42	≤ 4.0	mg/m ³	IS 5182(Part10):1999
6	*Ozone	19.39	≤ 180	µg/m ³	IS5182 (Part9):1974
7	Lead (Pb)	BDL	≤ 1.0	µg/m ³	IS 5182(Part22):2004
8	Ammonia (NH ₃)	BDL	≤ 400	µg/m ³	WI/Lab/Ambient/06
9	Benzene (C ₆ H ₆)	BDL	≤ 5	µg/m ³	IS 5182(Part11):2006
10	Benzo(a) Pyrene (BaP)	BDL	≤1	ng/m ³	IS 5182(Part12):2004
11	Arsenic (As)	BDL	≤ 6	ng/m ³	IS 11124 : 1984
12	Nickel (Ni)	BDL	≤ 20	ng/m ³	IS12122:1987

REMARKS/OBSERVATIONS:

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- All above results are within National Ambient Air Quality Standard.
- **BDL-Below Detection Limit** .
- *1-hour sampling duration. •

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For IV Analytical Services

Authorized Signatory

- 1. Results relate only to the sample tested.
- 2. Tested sample(s) drawn by the Laboratory.
- Test report shall not be reproduced except in full, without written approval of the laboratory 3.
- 4. This report, in full or in part, shall not be used for advertising or legal action.

---End of the Report---



JV Analytical Services

Accredited by: NABL (As Per Std ISO/IEC 17025:2005) & NABET (Certificate No.NABET/EIA/1720/IA0022) Recognized by: MOEF & CC, Govt. Of India (Notification No:S.O.1953(E)), Certified by: ISO 9001:2008 & OHSAS 18001:2007 Address: 2nd & 3rd Floor, Samay Apartment, Bhau Patil Road, Bopodi , Pune-411020 Tel:7350658988 Email: jvlabpune@gmail.com , sales@jvanalyticalservices.com Web:www.jvanalyticalservices.com



Client's	s Nam	e & Address	_	Repor	rt No.	JV/22-2	23/05/380		
					Issue Date		21/05/2022		
To,				Type	of Monitoring	Ambier	ıt Air		
M/s. Pa	antheo	on Associates	LLP	Test I	ocation	Near B	uilding "B"	,	
New Ga	at No. S	S.No 108/2/4,	Wakad,	Lab R	eference No.	JV/PA/	JV/PA/22-23/05/380		
Tal. Mu	Ishi, D	ist. Pune. 4110)57	Date	Date of Sampling		14/05/2022		
				Date	Date of Analysis 16/05/2022		2022 To 20	0/05/2022	
				OBSEI	RVATION				
Ambi	ent	Dry Bulb	Wet B	ulb	lb Relative			Sampling	
Temp	o. ºC	Temp. ⁰C	Temp.	°C Humidity % RH		Samplin	g Dur	ation in Min	
38	3	38	27		40			1440	
				RE	SULTS				
Sr. Description F		Results	NAAQ Standards	Unit	Standa	ard Method			
1	Sulphur Dioxide (SO ₂)		19.56	≤ 80	µg/m ³	IS 5182()	Part2):2001		
	1	and the second se			1				

1	Sulphur Dioxide (SO ₂)	19.56	≤ 80	µg/m ³	IS 5182(Part2):2001
2	Oxides of Nitrogen (NO _x)	31.83	≤ 80	µg/m³	IS 5182(Part6):2006
3	Particulate Matter PM ₁₀	48.62	≤ 100	µg/m ³	IS 5182(Part23):2006
4	Particulate Matter PM _{2.5}	19.35	≤ 60	µg/m³	WI/Lab/Ambient/04
5	*Carbon Monoxide (CO)	0.40	≤ 4.0	mg/m ³	IS 5182(Part10):1999
6	*Ozone	19.72	≤ 180	µg/m³	IS5182 (Part9):1974
7	Lead (Pb)	BDL	≤ 1.0	µg/m³	IS 5182(Part22):2004
8	Ammonia (NH ₃)	BDL	≤ 400	μg/m ³	WI/Lab/Ambient/06
9	Benzene (C ₆ H ₆)	BDL	≤ 5	μg/m ³	IS 5182(Part11):2006
10	Benzo(a) Pyrene (BaP)	BDL	≤1	μg/m ³	IS 5182(Part12):2004
11	Arsenic (As)	BDL	≤ 6	ng/m ³	IS 11124 : 1984
12	Nickel (Ni)	BDL	≤ 20	ng/m ³	IS12122:1987

REMARKS/OBSERVATIONS:

- All above results are within National Ambient Air Quality Standard. 0
- **BDL-Below Detection Limit** .
- *1-hour sampling duration. .

For JV Analytical Services

Authorized Signatory

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Tel:7350658988 Email: jvlabpune@gmail.com , sales@jvanalyticalservices.com Web:www.jvanalyticalservices.com



Client's Name & Address	Report No.	JV/22-23/05/381	
To, M/s. Pantheon Associates LLP New Gat No. S.No 108/2/4, Wakad, Tal. Mulshi, Dist. Pune. 411057	Issue Date	21/05/2022	
	Type of Monitoring	Ambient Noise	
	Lab Reference No.	JV/PA/22-23/05/381	
	Date of Sampling	14/05/2022	

Results

Sr.	Test Location	Unit	Readings		
No.	Test Location	om	Day Time	Night Time	
01	Near Main Gate	dB(A)	51.5	41.9	
02	Near 'A' Building	dB(A)	48.3	41.4	
03	Near 'B' Building	dB(A)	49.7	42.2	

REMARKS/OBSERVATIONS:

- Day time means 6:00am to 10:00pm and night time means 10:00pm to 6:00am. .
- As per prescribed standards the limit of Ambient Noise is 55 dB (A) in day time and 45 0 dB (A) in night time for Residential zone/area.

For JV Analytical Services

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- 2. 3. Tested sample(s) drawn by the Laboratory.
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Client's Name & Address	Report No.	JV/22-23/05/382	
To, M/s. Pantheon Associates LLP New Gat No. S.No 108/2/4, Wakad, Tal. Mulshi, Dist. Pune. 411057	Issue Date.	21/05/2022	
	Date of Collection	14/05/2022	
	Lab Reference No.	JV/PA/22-23/05/382	
	Date of Analysis.	16/05/2022 To 20/05/2022	

Nature of Sample	Sample Name	Sample Collected By
Drinking Water	Drinking Water	JV Analytical Services

			Result	ts	
Sr. No.	Parameter	Results	Units	IS:10500 : 2012 Acceptable Limits	Standard Method
1	Colour	1		≤5	APHA 22 nd Edition, 2120 B
2	Odour	Agreeable	2	Agreeable	APHA 22 nd Edition, 2150 B
3	Turbidity	0.10	NTU.	≤1.0	APHA 22 nd Edition, 2130 B
4	pH	7.58	-	6.5-8.5	APHA 22 nd Edition, 4500-H ⁺ B
5	Total Alkalinity	39.5	Mg/lit	≤200	APHA 22 nd Edition, 2320 B
6	Electrical Conductivity	96	μs/cm @25ºC	NS	APHA 22 nd Edition, 2510 B
7	Total Hardness	56.4	Mg/lit.	≤200	APHA 22 nd Edition, 2340 C
8	Calcium	9.5	Mg/lit.	≤75	APHA 22 nd Edition, 3500-Ca B
9	Magnesium	7.4	Mg/lit.	≤30	APHA 22 nd Edition, 3500-Mg B
10	Total Dissolved Solid	58	Mg/lit.	≤500	APHA 22 nd Edition, 2540 C
11	Chloride	24.3	Mg/lit.	≤250	APHA 22 nd Edition, 4500 B
12	Sulphate	8.1	Mg/lit.	≤200	APHA 22 nd Edition,4500 SO4 ²⁻ E
13	Iron	0.06	Mg/lit.	≤0.3	APHA 22 nd Edition,
14	Total Coliform	Absent	MPN/100ml	Shall not be detectable in 100 ml sample	APHA 22nd Ed.9222 H
15	E-Coli	Absent	MPN/100ml	Shall not be detectable in 100 ml sample	APHA 22nd Ed.9222 H

REMARKS/OBSERVATIONS:

- All the above parameters are within IS 10500: 2012 Std Limits.
- NS: Not Specified
- For JV Analytical Services

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Client's Name & Address	Report No.	JV/22-23/05/383		
To, M/s. Pantheon Associates LLP New Gat No. S.No 108/2/4, Wakad, Tal. Mulshi, Dist. Pune. 411057	Issue Date.	21/05/2022		
	Date of Collection	14/05/2022		
	Lab Reference No.	JV/PA/22-23/05/383		
	Date of Analysis.	16/05/2022 To 20/05/2022		

Nature of Sample	Sample Name	Sample Collected By
Soil	Soil Sample	JV Analytical Services

Sr. No.	Parameter Reading		Parameter Reading Units		Units	Standard Methods
1.	pH	7.59	(-)			
2.	Conductivity	3.24	dS/m			
3.	Bulk Density	3.57	gm/cm ³			
4.	Density	4.09	gm/cm ³			
5.	Sodium Adsorption Ratio	8.94				
6.	Organic Matter	2.37	%	Indian Soil		
7.	Potassium (as K)	184	Kg/ha	Testing Manual		
8.	Phosphorous (as P)	14.93	Kg/ha	January 2011		
9.	Texture	Loam				
10.	Percentage Of Different Components					
	1. Sand	33	%			
	2. Silt	31	%			
	3. Clay	36	%			

For JV Analytical Services



Authorized Signatory

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Annexure VI



Maharashtra Pollution Control Board 5fa93483ecca0968bddd5bd3

1000 0000 0000 0000 0000 0000 0000 000	: 24010437/2402078 /24037124/240352	31	Kalpataru Point, 3 Sion- Matunga Sc	heme Road No. 8,
Fax Email	: 24044532/2402406 /24023516 : jdwater @mpcb.go	58	Opp. Cine Planet Sion (E), Mumbai	Cinema, Near Sion Circle, - 400022
Visit At				
Conser	ucture /Red/LSI nt order No: Format1.0/	/BO/JD (WPC)/UAN-0939	74/CE/CC- 2011	Dateog/11/2020
S.No	Pantheon Associate 108/2/4, Wakad, a: Mulshi, Dist: Pur			
Sub: Ref:	Project granted und	th for Construction of F der Red Category. de UAN No0000093974		21
Water Contro (M & T	(Prevention & Control of Pollution) Act, 198 M) Rules, 2016 is cons	of Pollution) Act, 1974 & 1 and Authorization under	under Section 2 Rule 5 of the Ha hereby granted su	of the Air (Prevention & zardous and Other Wastes bject to the following terms is order:
and co	inditions and as detailed	a in the schedule I, II, III &	IV annexed to th	is order:
	e consent is granted for earlier.	r a period up to commissio	ning of the project	t or of 5 years whichever
		. (11	
2. The	e proposed capital inve	stment of the project is Re	98 00 Cr	
		stment of the project is Resubmitted by project pro		
(A The Co	s per C.A certificate s	alid for Construction of Res	ponent) sidential and Con	
(A The Co named for tota includir	s per C.A certificate s onsent to Establish is va as M/s. Pantheon As al plot area 8340 Sqm ang utilities and services	alid for Construction of Resociates LLP, S.No 108/ and total Construction BU, as per Commencement C	sidential and Con 2/4, Wakad, Tal A 38930.27 Sqm Certificate issued	uka Mulshi, Dist: Pune as per EC dt.08/07/2020 by local body.
(A The Co named for tota includin 8. Co	s per C.A certificate s onsent to Establish is va as M/s. Pantheon As al plot area 8340 Sqm ing utilities and services inditions under Water	alid for Construction of Resociates LLP, S.No 108/ and total Construction BU, as per Commencement ((P&CP), 1974 Act for dis	sidential and Con 2/4, Wakad, Tal A 38930.27 Sqm Certificate issued charge of efflue	uka Mulshi, Dist: Pune as per EC dt.08/07/2020 by local body. nt:
(A The Conamed for tota includin 3. Co Sr. No.	s per C.A certificate s onsent to Establish is va as M/s. Pantheon As al plot area 8340 Sqm ing utilities and services nditions under Water Description	alid for Construction of Re- sociates LLP, S.No 108/ and total Construction BU as per Commencement C (P&CP), 1974 Act for dis Permitted quantity of discharge (CMD)	sidential and Con 2/4, Wakad, Tal A 38930.27 Sqm Certificate issued	uka Mulshi, Dist: Pune as per EC dt.08/07/2020 by local body.
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(A The Conamed for tota includin 3. Co Sr. No.	s per C.A certificate s onsent to Establish is va as M/s. Pantheon As al plot area 8340 Sqm ing utilities and services nditions under Water Description	alid for Construction of Re- sociates LLP, S.No 108/ and total Construction BU as per Commencement C (P&CP), 1974 Act for dis Permitted quantity of discharge (CMD)	sidential and Con 2/4, Wakad, Tal A 38930.27 Sqm Certificate issued charge of efflue Standards to be achieved	uka Mulshi, Dist: Pune as per EC dt.08/07/2020 by local body. nt: Disposal
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(A The Con for tota includin 3. Co Sr. No. 1. 2.	s per C.A certificate s onsent to Establish is va as M/s. Pantheon As a plot area 8340 Sqm ing utilities and services inditions under Water Description Trade effluent Domestic effluent	alid for Construction of Resociates LLP, S.No 108/ and total Construction BU, as per Commencement C (P&CP), 1974 Act for dis Permitted quantity of discharge (CMD) NIL 140.54	sidential and Con 2/4, Wakad, Tal A 38930.27 Sqm Certificate issued charge of efflue Standards to be achieved NA As per Schedule –I	uka Mulshi, Dist: Pune as per EC dt.08/07/2020 by local body. nt: Disposal NA 60% should be reused & recycled and remaining
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(A The Conamed for tota includin 3. Co Sr. No. 1. 2. 4. Co Sr. No.	s per C.A certificate s onsent to Establish is va as M/s. Pantheon As a plot area 8340 Sqm in utilities and services inditions under Water Description Trade effluent Domestic effluent Domestic effluent	Alid for Construction of Resociates LLP, S.No 108/2 and total Construction BU as per Commencement (CONSTRUCTION BU (P&CP), 1974 Act for dis Permitted quantity of discharge (CMD) NIL 140.54 3 4 4 5 4 5 5 6 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8	bonent) sidential and Con 2/4, Wakad, Tal A 38930.27 Sqm Certificate issued charge of efflue Standards to be achieved NA As per Schedule –I schedule –I	uka Mulshi, Dist: Pune as per EC dt.08/07/2020 by local body. nt: Disposal NA 60% should be reused & recycled and remaining should be discharged in municipal sewer Standards to be achieved
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Maharashtra Pollution Control Board **5fa93483ecca0968bddd5bd3**

Sr. no.	Type Of Waste	Quantity & UOM	Treatment	Disposal
1	Wet garbage	530 Kg/Day	Organics waste Converter with composting facility / Biogas digester with composting facility	Used as Manure
2	Dry garbage	361 Kg/Day	-	Segregate and Hand over to Local Body for recycling
3.	STP sludge	34.0 Kg/day	STP	Used as manure

 Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste; NIL.

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

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

 Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.

- Project Proponent shall submit an affidavit in Board's prescribed format within 15 days
 regarding the compliance of conditions of EC/CRZ clearance and C to E.
- Project Proponent shall install online monitoring systems for BOD, TSS and flow at the outlet of STP.
- Project Proponent shall provide Organic waste digester with composting facility or Biogas digester with composting facility.
- 13. The applicant should comply with the conditions stipulated in Environmental Clearance Obtained from SEIAA, Environment Department, Government of Maharashtra, dtd .08/07/2020 for total plot area 8340.0 Sqm and total construction BUA 38930.27 Sqm

For and on behalf of the Maharashtra Pollution Control Board

Dr.Y. B. Sontakke Joint Director (WPC)

Received Consent fee of -Sr. No. Amount (Rs.) Transaction . No. Date Drawn On 1 1.25.000/-SUTI8951427424 01/07/2020 -- Bank Copy to: 1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pimpari- Chinchwad They are directed to ensure the compliance of the consent conditions. 2. Chief Accounts Officer, MPCB, Mumbai. M/s. Pantheon Associates LLP **UAN 091344** Page 2 of 6

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Maharashtra Pollution Control Board 5fa93483ecca0968bddd5bd3

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- A] As per your application, you have proposed to install of Sewage Treatment Plants (STP) with the design capacity of 225.00 CMD
 - B] The Applicant shall operate the effluent treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

1.	pH	Between	6.5 to 9.0
2.	Total Suspended Solids	Not more than	20 mg/l.
	BOD 3 Days 27 degree C	Not more than	10 mg/l.
4.	Chemical oxygen Demand (COD)	Not to more than	50 mg/1.
5.	NH4 N	Not more than	5 mg/L
6.	N Total	Not more than	10 mg/l.
7.	Fecal Coliform MPN/100 MI	Less than	100.0

- C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, on land for gardening etc and remaining shall be discharged in to the municipal sewerage system.
- D) Project proponent shall operate STP for five years from the date of obtaining occupation certificate.

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

- 2) The industry should ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 3) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act.

Sr. Purpose for water consumed	Water consumption quantity (CMD)
1. Domestic purpose	quantity (CMD)
1. Pomestic purpose	156.15

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



M/s. Pantheon Associates LLP

UAN 091344

Page 3 of 6

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Maharashtra Pollution Control Board 5fa93483ecca0968bddd5bd3

Schedule-II

Terms & conditions for compliance of Air Pollution Control:

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

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type Of Fuel	Quantity	UOM	S%	SO ₂
1.	DG Set (82.5 KVA)	Acoustic enclosure	2.0	HSD	15.0	Lit/Hr	-	
2.	DG Set (180 KVA)	APC System	3.0	HSD	32.0	Lit/Hr	-	-

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

Nanarashtrapr

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

Frank and the second se				
Particulate matter	Not to exceed	150 mg/Nm ³	0	

3. The Applicant should obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

UAN 091344

Page 4 of 6

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Maharashtra Pollution Control Board 5fa93483ecca0968bddd5bd3

		<u>_</u>	Sched	ule-III k Guarantees		
Sr. No		Amt of BG Imposed	Submissio	Purpose of BG	Compliance	Validity
1	Consent to Establish	Rs. 10 lakh	n Period 15 Days	Towards	Period Up to	Date Up to
	Cstablish			Compliance consent conditions.	Commissioning of the project	Commissioning of the project
			C		2031	2
	Maria	Mashiro	Politi	f onit		
	Man ²	Arashtra	Politit		9.0-	

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The following general conditions shall apply as per the type of the industry.

- The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Solid Waste Management Rules, 2016 and E-Waste (Management) Rules, 2016.
- 3) Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4) Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5) Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
 - d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.
 - Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - f) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - g) D.G. Set shall be operated only in case of power failure.
 - h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - The applicant shall comply with the notification of MOEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- Solid Waste The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rules, 2016 & E-Waste (M) Rules, 2016.
- Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8) The treated sewage shall be disinfected using suitable disinfection method
- 9) The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 10) The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.

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M/s. Pantheon Associates LLP

UAN 091344

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Kindly verify Maharashtra Pollution Control Board's document on Blockchain by scanning the QR code. https://blockchain.ecmpcb.in/docs/343f1514434f3b921e785c7b71d950797164153272eb8ecdaae5e600a57a31d0

Annexure VII

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/145937/2020 Environment Department Room No. 217, 2nd Floor, Mantralaya, Mumbai- 400032. Date: 08.07.2020.

M/s Pantheon Associates LLP. S.No 108/2/4, Wakad, Tal- Mulshi, Pune

Subject	: Environment Clearance for Residential and Commercial construction at S.No 108/2/4, Wakad, Tal- Mulshi, Pune by M/s Pantheon Associates LLP
	100/2/4, wakad, Tai- Mulsin, Fulle by M/S Faithleon Associates EEF
Reference	: Application no. SIA/MH/MIS/145937/2020

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-3 in its 109th meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 201st meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

Name of Project	"Residential and Commercial" by M/s Pantheon Associates LLP					
Project category	8(a)					
Type of Institution	Private					
Project	Name	Mr. Haresh Premchand Chandwani				
Proponent	Regd. Office address	S NO 177/1+2, Shop No. 3, Sai paradise co-op. Hsg. Society, Pimple Saudagar Pune.				
Consultant	JV Analytical Ser	rvices, Accreditation: NABET/EIA/1720/IA0022				
Applied for	New Project					
Details of previous EC	NA					
Location of the project	S.No 108/2/4, Wakad, Tal- Mulshi, Pune					
Latitude and Longitude	Latitude: 18°36'36.85"N Longitude: 73°44'29.14"E					
Total Plot Area (m ²)	8340.00 m ²					
Deductions (m ²)	1562.42 m ²					
Net Plot area (m ²)	6777.58 m ²					
Proposed FSI area (m ²)	16563.75 m ²					
Proposed non- FSI area (m ²)	22366.52 m ²					
Proposed TBUA (m ²)	38930.27 m ²					

То

	TBUA (m ²) approved byPlanning Authority till date	38930.27 m ² (FSI Area: 165	63.75 m ² + Non FSI Area: 22366	52 m ²)					
-	Ground coverage (m ²) & %		1694.49 m ² 20.31 % of total plot area (8340.00 m ²) 25.00 % of net plot area (6777.58 m ²)						
•	Total Project Cost (Rs.)	98000000							
		Activity	Location	Cost (Rs.)	Duratio n				
		1)Infrastructu re creation for Rainwater Harvesting	Implementation of Rainwater harvesting for Hinjewadi Hospital at Hinjewadi, Prathamik Shala at Rahatani, ZP School at Hinjewadi, Government School at Wakad& Pimpri Mahanagar Palika – Khivansara patil Hospital at Wakad - 25 Nos. of Pits.	Rs.25,00,000	2020- 21 2021-22 2022-23 2023 -24 2024 -25				
		2)Infrastructu re creation for Electrificatio n include solar power	Electrification & Solar street lightning will be provided for Pimpri Chinchwad Mahanagar Palika Prathamic Kanya Shala at Wakad,	Rs.36,00,000	1) 2021- 22 2) 2022- 23 3)2023 - 24 4) 2024 -25				
	CER as per MoEF& CC circular dated 01/05/2018	3)Infrastructu re creation for Plantation in community area	Plantation will be done with safety jali at1) Sant Savta mali Udyan at Wakad - 350 trees.2) PCMC Garden at Wakad - 350 trees.3) Dyanjyoti Savitribai Phule Udyan at Kaspate Vasti, Wakad - 350 trees.4)Government School at Wakad - 150 trees	Rs.24,00,000	2020- 21 2022-23 2023 -24 4) 2 024 -25				
· .		4)Infrastructu re creation for Education	Infrastructure creation for ZP School at Marunji, ZP School at Thergaon, Prathmik Vidyalay at Thergaon, ZP School at Tathawade & ZP School at Hinjewadi. 1) Books for Library - Minimum 650 Nos. 2) Benches - 800 Nos. 3) Computers - 20 Nos. 4) 20 Toilets (10 Nos. for Gents & 10 Nos. for Ladies) 5) Projectors- 05 Nos.	Rs.30,50,000	2020- 21 2021-22 2022-23 2023 -24 2024 -25				
	1	5)Ambulance	We will provide Ambulance	Rs.66,00,000	2021-22				

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					Infrast	ructu	Khivansara atWakad 2) Hinjev Hinjewadi 3) PCMC Gurav - 01 Provide Sa 1) Pim Mahanagan KanyaShal	Hospital at Pimple No nitation facility to -		2023 -24 2024 -25 2020- 21
·	-				creatio mitatio	-	Wakad :To Wash bas 3) Hinjev Hinjewadi	nment School at bilets - 8 Nos. & sins - 4 Nos. vadi Hospital at : Toilets - 10 Nos. sins - 4 Nos.		00 2022-23 2024 -25
					Detail	s of B	uilding Cor	figuration:	•	Reason for
			EC / I uilding		ing		Pro	posed Configurat	ion	Modificat ion / Change
· · ·	Buil ding Na me		nfigu ion	Height (m)			uilding Name	Configuration	Height (m)	
	-	·	-		-		ilding A	G+M+10 FI	36.00 m	NA
			-		<u>-</u>		ilding B	B+P+P+12 FI	42.00 m	_
		<u> </u>	-		- 		iilding C iilding D	B+P+P+13 Fl B+P+P+13 Fl	44.70 m	_
	Total	ı numb	er of t	enen	nents	Propo	¥	ents: 347 Nos	44.70 m	
					Dry Season (m ³ /day)			Wet	Season (m ³ /da	.v)
				Fresh		.97m³/day		Fresh Water		162.97m ³ /da
			Recy d wa fo Gard	ycle ater or Jeni	· .	10.00n	n ³ /day	Recycled water 1	for Gardening	NA
	Water Swimi		Swimmi ng Pool			NA		Swimming Pool		NA
			ycle ater 80.34 or		80.34m ³ /day		Recycled water for Flushing		80.34m ³ /day	
			Tot		253.	.31m ³ / tim	day (one e)	Tota	ul	243.31m ³ /da y(one time)
			Exc.		12		m ³ /day	Excess treat Genera		138.64 m ³ /day

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		generati					
		on					
· .	Water Storage Capacity for Firefightin g/UGT	Domestic water tank Capacity: 244.46 m ³ Flushing water tank Capacity: 135.53 m ³ Fire water tank Capacity: 300.00m ³					
	Source of water		Pimpri-Chinchwad	I Municipa	al Corporation (PCMC)		
	Hater	Level of the	Ground water table:		soon – 10 m to 18 m BGL nsoon – 5 m to 8 m BGL		
			o of RWH tank(s) I Quantity:	Not Ap	plicable		
	Rainwater Harvesting (RWH)	Quantity a	nd size of recharge pits:	bore we silting cl	n and 3 m height) with 6" Dia. 60 m dea Il via 1 No. of 2 m dia. 3 m deep d namber with O&G trap.		
		Details of	UGT tanks if any:	Domestic water tank Capacity: 244.46 m ³ Flushing water tank Capacity: 135.53 m ³ Fire water tank Capacity: 300.00m ³			
· · ·	Sewage	Sewage generation in CMD:			218.98 m ³ /day		
	and Waste	STP	technology:	MBBR .			
	water	Capacity	of STP (CMD):	225 m³/day			
	Solid Waste	Туре	Quantity (kg/d	ay)	Treatment / disposal		
	Manageme	Dry waste:	14.00 Kg/da	y	Send to Authorized Vendor		
	nt during	Wet waste:	21.00 Kg/da	у	Send to Authorized Vendor		
·	Constructi on Phase	Constructio n waste	35.00 Kg/da	y 	Will be used for Levelling		
		Туре	Quantity (kg/d	ay)	• Treatment / disposal		
	· ·	Dry waste:	361 Kg/day	/	Handed over to Authorized Vendor		
· · · .	Solid	Wet waste:	530 Kg/day	/	Organic Waste Convertor		
	Waste Manageme	Hazardous waste:	NA		NA		
	nt during Operation	Biomedica l waste	NA		NA		
	Phase	E-Waste	2.6 Kg/day		Handed over to Authorized Vendor		
		STP Sludge (dry)	34 Kg/day		Used as manure after treatment i OWC		
			otal RG area (m ²):	· .	753.06 m ²		
·	Green		isting trees on plot:		NA		
	Belt	Numbe	er of trees to be plante	d:	105 Nos.		
	Developm ent		ber of trees to be cut:		NA		
-	CIIL		of trees to be transpla		NA		
• [rce of power supply:	<u> </u>	MSEDCL		
	Power		nstruction Phase (De Load):	emand	30 KW		
	requireme nt:	During Operation phase (Connected			1464KW		
	,,,,,		load):				

· · · ·

	DG s	cer•	80 KVA - 01 No	. &8 2.5 KVA - 0
	Fuel u	1	No. HSD	
		tems will be done for bat		
Details of Energy saving	Solar lights will be prov lighting. LED based lighting wil entry gates and boundar Auto Timer switches wi staircase Lights & other Water level controllers	vided for common amenin l be done in the common	ties like Street ligh areas, landscape a lights, Garden ligh r saving electrical for Water pumps.	reas, signage's, ts, Parking & energy.
	Туре	Details		Cost
Environme ntal Managem	Capital	Site Barricading Protective Equip Sanitation- Mobile	ment, Site	25 Lakh
ent plan budget during		Water for Dust Sup & Noise Monito		
Constructi on Phase	O&M	Water for Construc Water Monitoring, Pest Control, First Health Check Up, Children, Food for c	tion &Labour, Disinfection- Aid Facilities, Creches for	10 Lakh/Year
	Component	Details	Capital (Rs.)Lakh	O&M (Rs. in Lacs /Year)
	Storm Water	NA	NA	NA
	 Sewage treatment 	· .	64.00	12.20
P	Water treatment	NA	NA	NA
Environme ntal	RWH		9.50	1.15
Managem	Swimming Pool	NA	NA	NA
ent plan	Solid Waste	Organic Waste Convertor	15.75	3.56
Budget	,	Dry waste Manageme		2.08
during	Hazardous waste	NA .	NA	NA .
Operation	e-waste			0.50
phase	Green belt development		17.00	2.00
	Energy saving		80.00	1.60
	Environmental Monitoring			2.50
	Disaster Management		171.73	39.64
	Туре	Required as per DCR	Actual Provided	Area per
Traffic Managem ent	4-Wheeler	180 Nos.	181 Nos.	parking (m ²) Covered Parking- 30 m ² Basement

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				Parking-35m ²
i i	2-Wheeler	712 Nos.	713 Nos.	3.00 m ²
	Bicycles	700 Nos.	701 Nos.	1.4 m ²

3. The proposal has been considered by SEIAA in its 201st meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

- i. PP to ensure that CER plan gets approved from Municipal Commissioner.
- ii. PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
- iii. SEIAA decided to grant EC for -FSI: 16563.75 m2, Non-FSI: 22366.52 m2 and Total BUA: 38930.27 m2 (Plan Approval no- BP/EC/Wakad/18/2019, dated 05.12.2019)

General Conditions:

- i. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
- ii. The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
- iii. This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
- iv. PP has to abide by the conditions stipulated by SEAC& SEIAA.
- v. The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
- vi. If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
- vii. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- viii. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- ix. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- x. Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- xi. Arrangement shall be made that waste water and storm water do not get mixed.
- xii. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- xiii. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- xiv. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- xv. Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- xvi. Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.

- xvii. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- xviii. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- xix. The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
- xx. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- xxi. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
- xxii. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
- xxiii. Ready mixed concrete must be used in building construction.
- xxiv. Storm water control and its re-use as per CGWB and BIS standards for various applications.
- xxv. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xxvi. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.3
- xxvii. The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/ refused to the maximum extent possible. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.
- xxviii. Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- xxix. Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.
- xxx. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- xxxi. Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
- xxxii. Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.
- xxxiii. Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed 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.
- xxxiv. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
- xxxv. Noise should be controlled to ensure that it does not exceed the prescribed standards. During

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.

- xxxvi. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
 xxxvii. Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code.
- XXXVII

which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for nonair-conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.

- xxxviii. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
- xxxix. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
 - xl. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
 - xli. Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
 - xlii. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.
 - xliii. Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
 - xliv. Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
 - xlv. A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
 - xlvi. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
- xlvii. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- xlviii. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.
- xlix. The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <u>http://parivesh.nic.in</u>
 - 1. Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
 - li. A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
 - lii. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO2, NOx (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- liii. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by

e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

liv. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

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

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended time to time.

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

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

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

il Diggikar AN (Member Secretary, SEIAA)

Copy to:

- 1. Shri Johny Joseph, Chairman, SEIAA.
- 2. Secretary, MoEF & CC
- 3. IA- Division MOEF & CC
- 4. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
- 5. Regional Office MoEF & CC, Nagpur
- 6. District Collector, Pune.
- 7. Commissioner, Pimpri Chinchwad Municipal Corporation
- 8. Regional Officer, Maharashtra Pollution Control Board, Pune.