VIHANG

To,
Ministry of Environmental Forest & Climate Change,
Regional office (WCZ),
Ground Floor E wing,
New Secretariat Building, Civil Line,
Nagpur 440 001.

Sub: Submission of Compliance Report for Proposed Residential project "Vihang Valley" at Village Owale, Thane, Maharashtra.

Ref: 1. Environmental Clearance letter no. SEAC-2010/CR.716/TC-2 dated 25.05.2011.
2. Revalidation of EC as per the minutes of the 154th SEIAA meeting dated 01.02.2019 (SEIAA- Minutes -0000000994).
3. Amendment & Expansion in EC vide letter no SEIAA-EC-0000002242 dated 25.03.2020

Dear Sir,

This is with reference to Environmental Clearance letter no. SEAC-2010/CR.716/TC-2 dated. 25.05.2011 , Revalidation of EC as per the minutes of the 154th SEIAA meeting dated 01.02.2019 (SEIAA- Minutes -0000000994) and Amendment & Expansion in EC vide letter no SEIAA-EC-0000002242 dated 25.03.2020 from Department of Govt. of Maharashtra.

We are enclosing here with the detailed Compliance report (fromApril 2022 to September 2022) along with duly filled data sheet.

Thanking you,
Yours faithfully,
For VIHANG INFRASTRUCTURE PVT.LTD.

Authorized Signatory

Enclosed: Copy of Compliance Report for the period of April 2022 to September 2022.

Cc:
1. Regional Office, MPCB, Thane
2. Environment Department, Mantralaya, Mumbai

CIN : U45201MH2008PTC177865
Vihang Infrastructure Pvt. Ltd.:12th Floor, Dev Corpora, Cadbury Junction, Eastern Express Highway, Khopat, Thane (W) - 400 601
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COMPLIANCE REPORT

(APRIL 2022 TO SEPTEMBER 2022)

For

Proposed Residential Project "Vihang Valley"

(ENVIRONMENTAL CLEARANCE LETTER NO. SEAC-2010/CR.716/TC-2 dt. 25.05.2011)
(Revalidation of EC as per the minutes of the 154th SEIAA meeting dated 01.02.2019 SEIAA- Minutes -0000000994)
(Amendment in EC vide letter no SEIAA-EC-0000002242 dated 25.03.2020)

At
Village - Owale, Thane,
Dist – Thane, State - Maharashtra

Proposed By

VIHANG INFRASTRUCTURE PVT.LTD.

Project Details

Sr. No.	Particulars	Details
1	Project type :River- valley/mining /Industry/Thermal/Nuclear/other (specify)	Construction Project
2	Name of the Project	Amendment / Expansion in EC for Proposed Residential Project "Vihang Valley"
3	Clearance letter(s)/OM and Date	Environmental Clearance vide letter no. SEAC-2010/CR.716/TC-2 dated 25.05.2011. Revalidation of EC as per the minutes of the 154th SEIAA meeting dated 01.02.2019 SEIAA- Minutes -0000000994. Amendment in EC vide letter no SEIAA-EC-0000002242 dated 25.03.2020.
4	Location	S. No. 69/1 (1/1, 1/2), 69/3A (3A/1, 3A/2), 69/4, 5 (5/1, 5/2), 6, 72(4B), 72(4C), 72(4D), 72(4E), 74/1/3A, 74/1/3B, 74/1/1B, 74/1/2B, 74/1/2A, 74/3 (3/1, 3/2), 74/5, 2B, 74/2A (2A/1, 2A/2), 74/4, 74/5, 75/1A, 75/1B, 75/2B, 75/2C,77/1 (1/2, 1/3), 77/2, 77/3, 78/1B, 78/1D, 78/1E, 78/3A (3A/1, 3A/2), 78/4A, 78/4B, 78/3B (3B/1, 3B/2, 3B/3), 76 of village Owale, Dist.-Thane
	a) District(s)	Thane
	b) State(s)	Maharashtra
	c) Latitude/Longitude	N 19°16'1.16" E 72°57'40.48"
5	Address of correspondence	
	a) address of concerned Project Chief Executive (with pin code & telephone/telex/fax numbers)	YogeshChandegala Director Vihang Infrastructure Pvt. Ltd. 12th Floor , Dev Corpora , Cadbury Junction, Western Express Highway , Khopat , Thane (W) – 400601. Tel: (022)21729000

		Email: info@vihanggroup.com	
	b) Address of Executive Project Engineer /Manager (with pin code/fax numbers)	Same as above	
6	Salient features		
	a) of the Project	The proposed project comprises residential Buildings, shops and Club House (1789nosof flats and 1830.93m^2 of Shops area)	
	b) of the Environmental Management Plan	Sewage Treatment Plant of 1200 m^3 capacity, Solar hot water system for residential building, solid waste management through OWC, details of these are attached in Annexure	
7	Break up of the project area		
	a) submergence area : forest & non-forest	NA	
	b) Others	Total Plot area:57,655.00 m^2	
		FSI area	78,160.27m^2
		Non FSI area	52,357.25m^2
		Total Construction Area:	1,30,517.52 m^2
8	Break -up of the project affected population with enumeration of those losing houses/dwelling unit only agricultural land only, both dwelling units & agricultural land & landless laborers/	--	
	a) SC, ST / Adivasis	N.A.	
	b) others (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey carried out gives details and years of survey)	N.A.	
9	Financial details:		
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference	Rs.472Crore	

	b) Allocation made for environmental management plans with item wise and year wise break-up	Capital Cost	580 Lakhs
		Operation & Maintenance Cost	112 Lakhs/y
	c) Benefit cost ratio/Internal rated of Return and the year of assessment	N.A.	
	d) Whether (c) includes the cost of environmental management as shown in the above	N.A.	
	e) Actual expenditure incurred on the environmental management plans so far	N.A.	
10	Forest land requirement	No Forest Land Required.	
	a) The status of approval for diversion of forest land for non-forestry use	N.A.	
	b) The status of clearing felling	N.A.	
	c) The status of compensatory	N.A.	
	d) afforestation, if any	N.A.	
	e) Comments on the viability & sustainability of compensatory afforestation programme in the light of actual field experience so far	N.A.	
11	The status of clear felling in non-forest area (such as submergence area of reservoir, approach rods), if any with quantitative information	N.A.	
12	Status of construction		
	a) Date commencement (Actual and/or planned)		
	b) Date of completion (Actual and/or planned)		
13	Reasons for the delay if the project is yet to start	NA	
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 by official of MoEF Regional Office, Bhopal.	
	b) Date of site visit for this monitoring report	Not yet finalized.	
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	Environmental Clearance letter No. SEAC-2010/CR.716/TC-2 dated 25.05.2011. Revalidation of EC as per the minutes of 154th SEIAA meeting dated 01.02.2019 (SEIAA- Minutes -0000000994)	

	contain the details of all the letters issued so far, but the later reports may cover only the letters issued subsequently)	Amendment in EC vide letter no SEIAA-EC-0000002242 dated 25.03.2020 received from SEIAA, Govt. of Maharashtra.

PRESENT STATUS OF RESIDENTIAL PROJECT "VIHANGVALLEY" AT VILLAGE OWALE, THANE, MAHARASHTRA

Type A – A1 to A4, B1 to B2:- OC received

Type C - C1 to C4:- OC received

Type V – V1 to V6:- OC Received

Type H - H1 to H4:-OC received

Type D - D1 to D4:- D1 - 11th floor Slab Completed
D2 – Excavation & Footing Work in Progress
D3 & D4 Work not started

Club House:-Super Structure Completed

Compliance to Environmental Clearance Letter No.SEAC-2010 /CR.716 /TC-2 Dt. 25.05.2011 and Amendment in EC vide letter no SEIAA-EC-0000002242 dated 25.03.2020 at Village Owale, Thane.

	SPECIAL CONDITIONS	
	Conditions	Compliance
I)	Committee noted that, PP has circulated the revised CS, PP to revise the same online also.	Yes
II)	PP to ensure that RG approved in earlier EC should not be disturbed	Complied. RG is provided as per the earlier EC
III)	PP to ensure that, STP to remains on ground	Complied STP is provided on ground
IV)	PP to submit the copy of HRC NoC. Also PP to abide the all conditions laid in the CFO NOC issued time to time.	HRC NOC is not required as per the new UDCPR Regulations. We will follow all the conditions laid in the CFO NOC.
V)	As proposed by PP the energy savings from Renewable energy shall be 12% of total energy.	We agree, Energy saving from renewable energy is 12% of total energy.
VI)	PP to provide minimum 25% parking numbers with electric charging points	We agree
VII)	The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfillment of this condition before granting CC.	As regard to compliance of NOC from competent authority w.r.t Thane creek flamingo sanctuary, project site is located at approximately 8.5 km from Thane creek flamingo sanctuary and it is out of the proposed draft ESZ notification published by the MoEF & CC vide notification dt. 06.11.2019.
VIII)	PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.	Not Applicable .
IX)	PP to ensure that CER plan gets approved from Municipal Commissioner.	Not Applicable
X)	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.	Noted

XI)	SEIAA decided to grant EC for – FSI: 51753.45 m2, Non-FSI:33524.71 m2 and Total BUA:85278.16 m2 (Plan Approval no-S06 /0315 /18C2008 /37/ TMC/TDD/3058/19, Date- 01.04.2019)	We agree
	General Conditions	
i)	E-waste shall bedisposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	The household E-waste has been 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.	Noted
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.	Not Applicable. The project is located outside the ESZ area of SGNP
iv)	PP has to abide by the conditions stipulated by SEAC& SEIAA.	Yes we Agree
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.	Building plans are approved by TMC as per norms

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.	Consent for establish was obtained from the Maharashtra Pollution Control Board vide letter no BO/RO(HQ)/Thane/CE/CC-67 dated 16/05/2011. Obtained the Revalidation of Consent to Establish vide No. BO/RO-HQ/UAN No. 0000019963/CE/Revalidation/CC-1704001185 dated 27.04.2017
vii)	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	All required sanitary and hygienic measures have been provided on site during 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.	Separate water connection from TMC has been taken for drinking water. The waste generated from the labour camps is mostly household waste which is collected and disposed off in municipal bins.
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.	The solid waste generated during constriction and operational phase is collected and segregated at source Wet garbage is composted by Organic waste convertor. The recyclable waste is handed over to Authorized recycler. The inert waste is disposed in Municipal Solid waste bins
x)	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	The muck is disposed with the permissions of competent authority at approved site. As a precaution, we have barricaded about 10 feet above ground level to create general safety and health aspects of people. Re-utilization strategy for construction debris is followed. Recycled aggregate is used for filling application.

xi)	Arrangement shall be made that waste water and storm water do not get mixed.	We have made such arrangement that storm water and wastewater not get mixed.
xii)	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site	Top layer of soil is reused for the development of green belt.
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.	No additional soil is required for land leveling as land is flat.
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.	The landscape is developed considering CPCB guidelines including selection of plant species. The tree species which planted are of local variety.
xv)	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.	Such types of wastes are not anticipated in this activity. There is no major water body around the project site. However, all possible measures will be taken to avoid contamination of water bodies/streams.
xvi)	Any hazardous waste generated during construction phase should be disposed off as per applicable rules andnorms with necessary approvals of the Maharashtra Pollution Control Board.	No hazardous waste generated during construction and operation phase. As it is Residential project. However, the disposal of the same shall be done as per CPCB /MPCB norms applicable to hazardous waste.
xvii)	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	The D. G. sets is enclosed type and as per CPCB norms. DG set (65 kVA) are provided on site is used as emergency backup. Project has continuous electricity supply.
xviii)	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.	We have tested Soil and drinking water samples regularly through MoEF recognized laboratory. Soil and drinking water samples monitoring reports are attached

xix)	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	The diesel is procured as and when required. No storage on site.
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	Regular maintenance of construction vehicles is carried out to keep them in good condition. The vehicles having PUC certificate is used. Adequate parking space is made available for construction vehicles inside the construction premises to lessen the impacts on traffic in surrounding areas
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	The noise levels as well as air pollution was monitored regularly from MOEF recognized laboratory. Monitoring report of the Noise and air quality is 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).	Ready mix concrete with fly ash is used in the construction.
xxiii)	Ready mixed concrete must be used in building construction	Ready mix concrete has been used for building construction
xxiv)	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Storm water control and its reuse will be as per Central Ground Water Board and BIS standards for various specifications
xxv)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Storm water control and its reuse will be as per Central Ground Water Board and BIS standards for various specifications

xxvi)	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority	The drinking water quality is monitored through MoEF recognized laboratory. We are not using ground water for construction purpose as well as in operational phase. During operation phase the water is sourced from TMC. The monitoring report is attached.
xxvii)	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and are port 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.	STP is already installed and working on the site for completed buildings. STP is certified by an independent expert. Sewage is treated up to tertiary level. The treated sewage is reused for gardening and flushing purpose. The dual plumbing system has been provided at site to recycle the treated water for flushing purpose. 1 no STP of 750 KLD capacity is provided on site
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.	We will not use ground water during both construction & operation phase
xxix)	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
xxx)	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control	Water efficient sanitary fixtures have been provided for completed buildings
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.	The use of glass will be less than 40%

xxxii)	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Roof is as per the prescriptive requirement specified in Energy Conservation Building Code Roofing material: Total 8" thick (Slab + 2" Brick bat Coba + China Chips flooring)
xxxiii)	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.	Solar Energy has been utilized for the purpose of lighting in the common area, street, landscape area and corridor. Solar hot water has been used for completed buildings. Total 240 nos of solar hot water panel for completed buildings.
xxxiv)	Diesel power generating sets proposed as source of backup power for elevators and common are aillumination 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 have complied to above & make necessary arrangements. The DG sets are provided as emergency back for lift, common area, pumps etc. The DG set shall confirm the guidelines prescribed by CPCB and rules made under the Environment (Protection) Act 1986.
xxxv)	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	The noise levels are monitored from MOEF recognized laboratory. Noise monitoring report is attached.

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	Entry & exit to the proposed project are located in such way that it won't affect traffic on the adjoining roads. Also sufficient parking will be provided
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.	The buildings are not air-conditioned, this is Residential project and hence ECBC code is not applicable in the instant case. However, we have used 6" AAC blocks (Autoclaved Aerated Concrete Blocks) and additional 2" of plaster resulting in the U value of 0.56 w/m2 ˚k for the effective insulation against the Heat gain.
xxxviii)	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	The Buildings have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation to the premises.
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.	The regular supervision is carried out by the project in-charge and supervisors are trained in Environmental Management measures.
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 started the construction on site after the receipt of Environmental clearance.
xli)	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	We have submitted six monthly compliance reports to MoEF, Nagpur, Mantralaya and respective regional office, 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.	We have submitted all the project details and plans to MPCB while applying to consent to establish and accordingly MPCB has granted the Consent to Establish No. BO/RO(HQ)/Thane/CE/CC-66dated 16/05/2011. Obtained the Revalidation of Consent to Establish vide No. BO/RO-HQ/UAN No. 0000019963/CE/Revalidation/CC-1704001185 dated 27.04.2017
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	Yes we will ensure that the wet garbage is treated by mechanical composting
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 have submitted all the project details and plans to MPCB while applying to consent to establish and accordingly MPCB has granted the Consent to Establish
xlvi)	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department	We have amended the EC for changes the project. EC received vide letter no SEIAA-EC-0000002242 dated 25.03.2020.
xlvii)	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards	At present project head himself is managing environment issues. However, the Cell shall be formed and it shall be responsible for necessary 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	Separate funds are allocated for implementation of environmental protection measures. Break – up of EMP budget is attached The funds for implementation of environmental protection measures/EMP are provided as per planned requirement. Expenditure on EMP is being done as planned. However, year-wise expenditure was not submitted to MPCB & Env. Dept. as the project is still under progress. All the environmental infrastructure like STP, Rainwater harvesting and Solar hot water system are installed for the constructed buildings
xlix)	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in.	The advertisement was given in two local news -papers. Copy of the advertisement is attached
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 submitted six monthly compliance report to MoEF ,Nagpur, Mantralaya and respective regional office, MPCB
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 submitted the EC letter to Municipal Corporation

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 upload the status of compliance of the stipulated EC conditions, including results of monitored data. The monitoring Reports are sent with Compliance reports to Regional office of MoEF, Environment Department and MPCB.
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 monitoring Reports are sent with Compliance reports to Regional office of MOEF, Environment Department and MPCB.
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.	Six monthly reports regarding the status of compliance of EC conditions are regularly sent to all mandated authorities.
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.	Noted

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.	We agree
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.	We agree
7	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.	Noted
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.	There is no deviation or alteration in the project.
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.	Noted
10	Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1stFloor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted

Annexure – I

PROJECT DETAILS

NAME OF THE PROJECT: Amendment / Expansion of Proposed Residential Project "Vihang Valley "

LOCATION:S. No. 69/1 (1/1, 1/2), 69/3A (3A/1, 3A/2), 69/4, 5 (5/1, 5/2), 6, 72(4B), 72(4C), 72(4D), 72(4E), 74/1/3A,74/1/3B, 74/1/1B, 74/1/2B, 74/1/2A, 74/3 (3/1, 3/2), 74/5, 2B, 74/2A (2A/1, 2A/2), 74/4, 74/5, 75/1A, 75/1B, 75/2B, 75/2C,77/1 (1/2, 1/3), 77/2, 77/3, 78/1B, 78/1D, 78/1E, 78/3A (3A/1, 3A/2), 78/4A, 78/4B, 78/3B (3B/1, 3B/2, 3B/3), 76 of village Owale, Dist.-Thane

Project Proponent: M/s Vihang Infrastructure Pvt. Ltd.

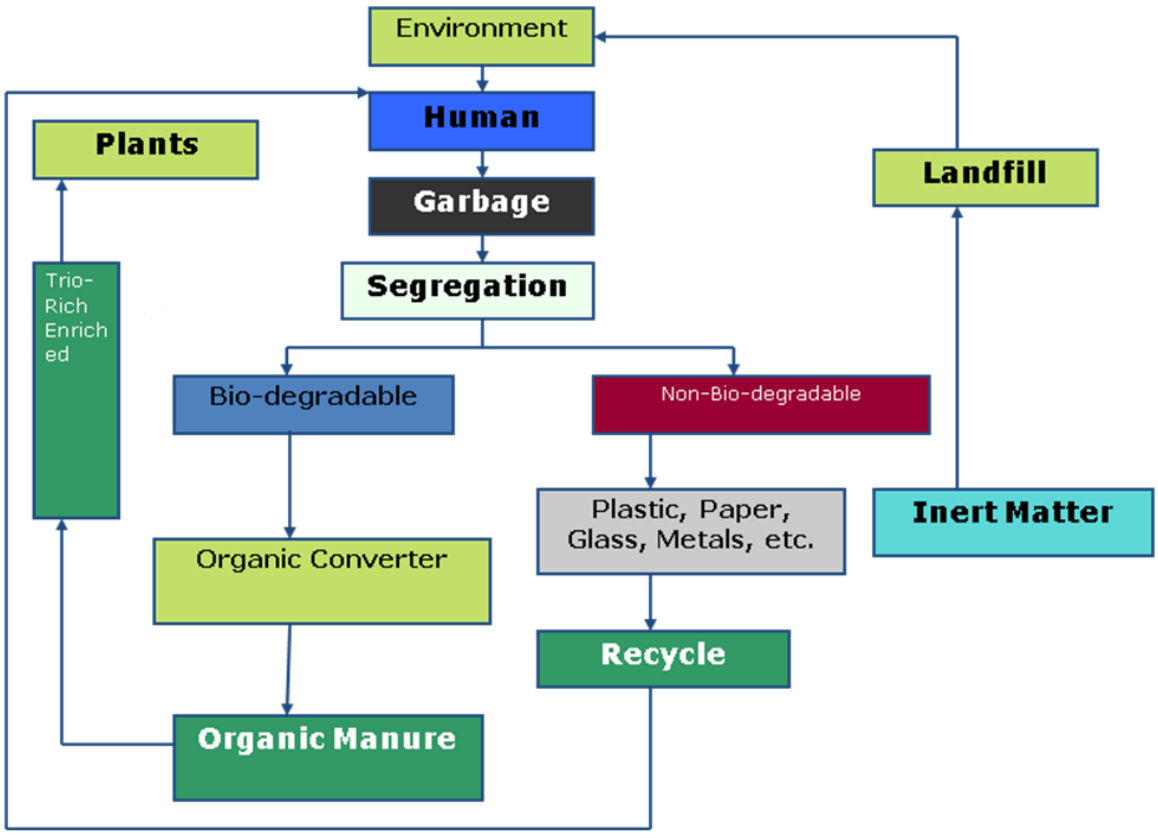
PROJECT DETAILS:

Sr. No.	Details	Area
1.	Total Plot Area	57,655.00 m^2
2.	FSI Area	78,160.27m^2
3.	Non- FSI Area	52,357.25m^2
4.	Total Construction Area	1,30,517.52 m^2

Annexure – II

SOLID WASTE MANAGEMENT PLAN

- Wet Garbage: 2,705 kg/day.
- Dry Garbage: 1,804 kg/day.
- STP Sludge : 11 m3/day
- The biodegradable and non-biodegradable waste will be segregated at source of waste generation. Then this will be separately disposed in municipal waste disposal system.
- Biodegradable garbage will be composted using Organic waste converter.



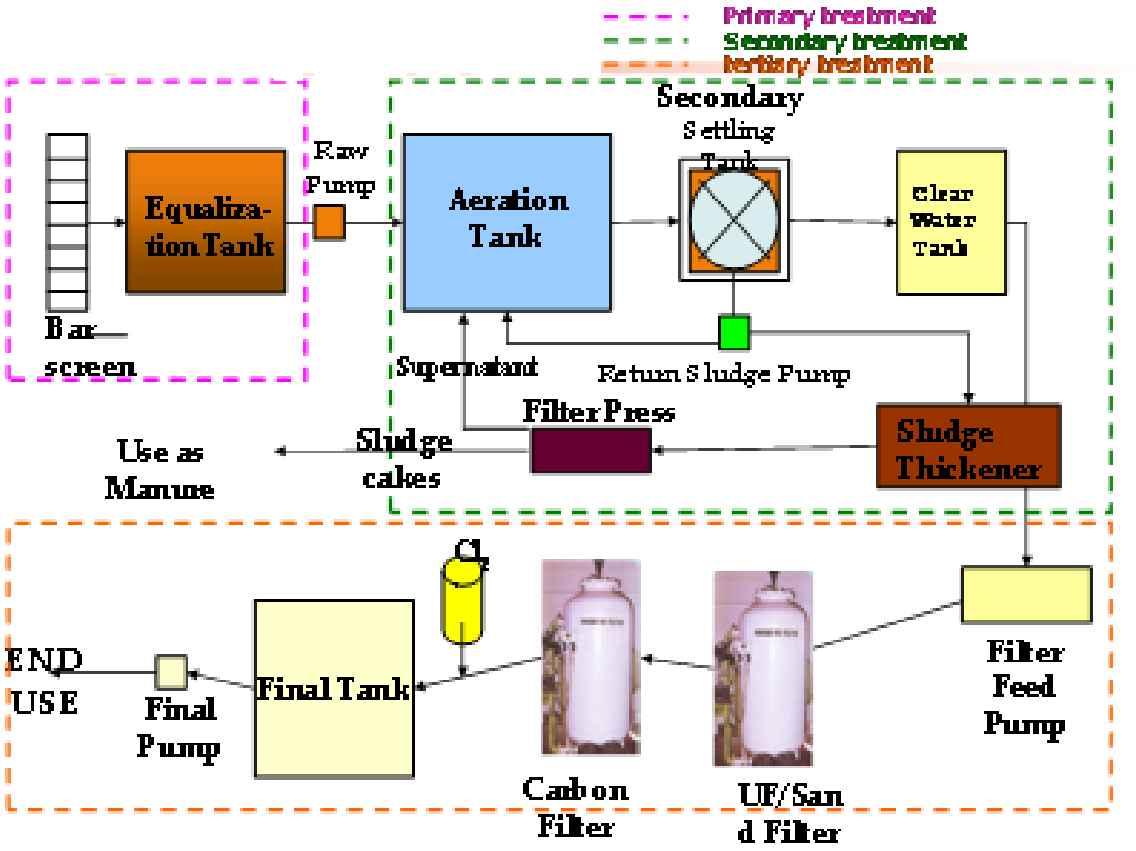
ANNEXURE II

SEWAGE TREATMENT PLANT

STP UNITS

Name of the Unit	Purpose
Bar Screen Chamber	For removing unwanted floating materials
Equalization Tank	To even out the flow variations, and continuous uniform mixing operations with course bubble.
Aeration Tank	Activated Sludge Process For developing the bacterial culture, which stabilizes the waste aerators.
Secondary clarifier/Plate settler	To separate out the solids from the treated sewage, And to separate clear supernatant water, Clari-floculator has been proposed with flash mixer to add coagulant to allow more settlement of fine particles.
Pre- Filtration Tank	To collect the supernatant clear water from the settling tank for further treatment.
Filter Press	A Sludge holding tank has been provided with filter press for dewatering sludge. Sludge cakes shall be used as manure.
Pressure Sand Filter	To filter out minute suspended solids if any in the treated water.
Activated Carbon Filter	To remove color and Odor if any in the filtered water.
Final holding tank	To collect the final treated water from the outlet of Activated carbon filter for reuse

STP FLOW SHEET



ANNEXURE I I I

WATER BUDGET

Water Demand	Quantity	Unit
Water consumption	1219	m^3/day
Sewage generation	1135	m^3/day
STP capacity	1200	m^3/day
Treated water is recycled for flushing ,	406	m^3/day
Treated water used for gardening	43	m^3/day
Sludge generated	11	m^3/day
Excess Treated Water to Sewer Line	718	m^3/day

ANNEXURE IV

ENVIRONMENTAL MANAGEMENT PLAN DURING CONSTRUCTION PHASE

Sr. No.	Environmental Components	Predicted Impacts	Probable source of Impact	Mitigation Measures	Remarks
CONSTRUCTION PHASE					
1.	Ambient Air Quality	Negative impact inside construction site premises. No negative impact outside site.	Dust emissions from excavation, air emissions from machinery and other construction activities at site.	Dust reduction measures such as road watering. Periodic maintenance of construction equipment. Use of good quality fuels. Use of Personal Protective Equipments	Impacts are temporary during construction phase. Impacts will be confined to short distances, as coarse particles will settle within the short distance from activities.
2.	Noise	Negative impact near noise generation sources inside premises. No significant impact on ambient noise levels in the surrounding area.	Noise generated from construction activities and operation of construction equipment and DG sets	Use of well maintained equipment. Heavy construction activity limited to day-time hours only. Use of noise mufflers in and construction vehicle. Use of earplugs/muffs by construction staff.	Temporary impacts during construction phase. No blasting or other high noise activities envisaged.
3.	Water	No significant negative impact.	Surface runoff from project site. Oil/fuel and waste spills. Improper debris disposal. Discharge of sewage from labour camp.	Silt fences to reduce run-off Secondary containment and dykes in material storage areas. Sewage treatment in septic tanks.	Labour will be employed to reduce size of labour camps. No perennial surface water resource adjacent to site. No excavation work will be done.
4.	Land	Minor negative impact	Excavation, Construction debris, waste from labour camp.	Reutilization and recycling of construction debris Waste from labour camps will be collected and composted on site. Non compostable waste will be transported to landfill site. Topsoil will be conserved	-

				and used for landscaping in functional phase.	
5.	Aesthetics	Minor negative impacts	Construction activities and Excavation	The impacts will be compensated by extensive tree plantation and gardening in the use phase.	Short term impact restricted only in the initial stages of construction.

ANNEXURE V

ADVERTISEMENT

१२ नवशक्ति
मुंबई, गुरुवार, १ ऑक्टोबर २०२०

विहंग इन्फ्रास्ट्रक्चर प्रा. लि.

आमच्या प्रस्तावित प्लॉट सर्वे नं, ६९/१ (१/१,१/२) ६९/३ए, (३ए/१,३ए/२) ६९/४,५, (५/१, ५/२), ६, ७२ (४बी), ७२ (४सी), ७२(४डी), ७२ (४ई), ७४/१/३ए, ७४/१/३बी, ७४/१/१बी, ७४/१/२बी, ७४/१/२ए, ७४/३, (३/१, ३/२), ७४/५, २बी, ७४/२ए, (२ए/१, २ए/२), ७४/४, ७४/५, ७५/१ए, ७५/१बी, ७५/२बी, ७५/२सी, ७७/१ (१/२, १/३), ७७/२, ७७/३, ७८/१बी, ७८/१डी, ७८/१ई, ७८/३ए (३ए/१, ३ए/२), ७८/४ए, ७८/४बी, ७८/३बी (३बी/१, ३बी/२, ३बी/३) ७६ ओवळा गाव, तालुका-जिल्हा-ठाणे. येथील **"विहंग व्हॅली"** या रहिवासी व व्यावसायिक प्रकल्पाच्या सुधारिकरण आणि विस्तारीकरणाला पर्यावरण विभाग महाराष्ट्र शासन मुंबई, यांच्याकडून पर्यावरण विषयक मंजुरी देण्यात आली आहे.

सदर पर्यावरण विषयक मंजुरीची प्रत महाराष्ट्र प्रदुषण नियंत्रण मंडळ यांच्या **www.ecmpcb.in** या संकेतस्थळावर उपलब्ध आहे.

THE FREE PRESS JOURNAL
MUMBAI | THURSDAY | OCTOBER 1, 2020 www.freepressjournal.in

VIHANG INFRASTRUCTURE PVT. LTD

Our proposed Amendment / Expansion in Environment Clearance of Residential Project **"Vihang Valley"** at Land bearing S. No. S No. 69/1 (1/1,1/2) 69/3A, (3A/1,3A/2) 69/4,5, (5/1, 5/2), 6, 72 (4B), 72 (4C), 72(4D), 72 (4E), 74/1/3A, 74/1/3B, 74/1/1B, 74/1/2B, 74/1/2A, 74/3, (3/1, 3/2), 74/5, 2B, 74/2A, (2A/1, 2A/2), 74/4, 74/5, 75/1A, 75/1B, 75/2B, 75/2C, 77/1 (1/2, 1/3), 77/2, 77/3, 78/1B, 78/1D, 78/1E, 78/3A (3A/1, 3A/2), 78/4A, 78/4B, 78/3B (3B/1, 3B/2, 3B/3) 76 of village Owale, Dist-Thane was accorded the Environmental Clearance from the Environment Department, Government of Maharashtra. The copy of the Environmental clearance letter is available with Maharashtra Pollution Control Board web site at **www.ecmpcb.in**

ANNEXURE VI

EMP COST

Component	Capital Cost (Rs. In Lakhs)	O & M Cost (Rs. In Lakhs/year)
STP (Tertiary)	240	48
Solar system	94	5
Rainwater harvesting	55	3
Solid waste composting plant	110	44
Landscape	81	08
Environmental Monitoring	---	04
Total Cost	580	112

ANNEXURE VII

SITE PHOTOGRAPHS

Type – A1 to A4, B1 to B2, C1 to C4

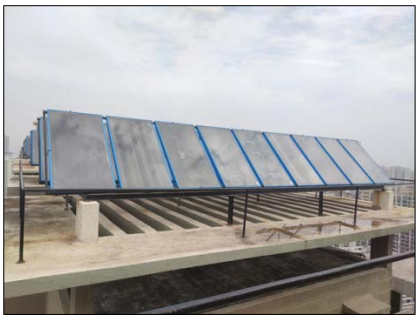
Type – V1 to V6

Type – H1 to H4

Club House

Type – D1

Type – D2

STP on site 	**DG Sets on site : 63 KVA** 
Toilet Facilities for Workers 	**Solar Hot water Panels** 

Netel (India) Limited

ANALYSIS REPORT FOR AMBIENT AIR QUALITY

Name of the Client:	Report Date : 06.06.2022
	Report No : NIL/OT/05/22/293
VIHANG INFRASTRUCTURE PVT. LTD " Vihang Valley " AT VILLAGE OWALE, THANE, MAHARASHTRA	Reference : Verbal Discussion
	Date of Sampling : 29.05.2022
	Date of Analysis : 02.06.2022-04.06.2022
	Duration of Monitoring : 8 Hours
	Sampling Location : Project site
	Sampling Procedure : As per the Reference Method
	Relative Humidity 79/30 : Temperature : 28/22
	Sampling Done By : Pristine Consultants

RESULT

Sr. No	Parameters	Result	NAAQS Limits	Unit	Method
1	Particulate Matter (PM10)	72.4	100	$\mu g/m^3$	IS 5182(part 23): reaffirmed : 2017
2	Particulate Matter (PM2.5)	24.3	60	$\mu g/m^3$	Lab SOP No.NIL/AIR SOP/03,based on CPCB Guideline Volume-1: 2011
3	Sulphur Dioxide (SO2)	31.8	80	$\mu g/m^3$	IS 5182 Part 2, reaffirmed: 2017
4	Nitrogen Dioxide (NOX)	40.2	80	$\mu g/m^3$	IS 5182 Part 6, reaffirmed: 2017

For NETEL (INDIA) LIMITED

Sincere

Lab Incharge

MoEF Recognized Laboratory

ANALYSIS REPORT FOR AMBIENT NOISE

Name of the Client:		
VIHANG INFRASTRUCTURE PVT. LTD " Vihang Valley " AT VILLAGE OWALE, THANE, MAHARASHTRA	Report Date	: 06.06.2022
	Report No	: NIL/OT/05/22/294
	Reference	: Verbal Discussion
	Date of Monitoring	: 29.05.2022
	Sample Details	: Noise sample _ project site
	Sampling Procedure	: As per the Reference Method
	Sampling Done By	: Pristine Consultants

RESULT

Sr. No	Location	Result dB(A) Day	Result dB(A) Day	Ambient Noise Standards in dB(A)	Method
1	Project Site	54.8	45.1	55*/45*	IS 9876:1981 & Manufacturer Manual, WI/S/5/35&36, Issue no. 3, Issue date 10.04.2014

Remark:

Limit During Day time < 55. (Day time shall mean from 6.00 am to 10.00 pm.)
Limit During Night time < 45. (Night time shall mean from 10.00 pm to 6.00 am.
As per Code of practice for Controlling Noise prescribed by Noise Pollution Committee from Sources other than Industries and Automobiles, 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.http://envfor.nic.in/citizen/specinfo/noise.html

For NETEL (INDIA) LIMITED

Lab Incharge

MoEF Recognized Laboratory

Netel (India) Limited

ANALYSIS REPORT FOR WATER

Name of the Client:	Report Date	: 06.06.2022
VIHANG INFRASTRUCTURE PVT. LTD " Vihang Valley " AT VILLAGE OWALE, THANE, MAHARASHTRA	Report No	: NIL/OT/05/22/295
	Reference	: Verbal Discussion
	Date of Sampling	: 29.05.2022
	Date of Analysis	: 02.06.2022-04.06.2022
	Test Location	: project site
	Sampling Procedure	: As per the Reference method
	Sampling Done By	: Pristine Consultants

DRINKING WATER SAMPLE RESULT

Sr. No	Parameter	Result	Unit	IS desirable Limit (As per IS 10500:2012)	Method
PHYSICO-CHEMICAL PARAMETERS					
1	Colour	Colourless	Hazon	--	IS 3025(part4)
2	Odour	Agreeable	--	--	IS 3025(part5)
3	Taste	Agreeable	--	--	IS 3025(part 8)
4	pH	7.08	--	6.5-8.5	IS 3025 Part11:1983: RA 2017
5	Turbidity	<1	NTU	1	IS 3025 Part 10:1984RA: 2017
6	Alkalinity	134	mg/lit	200	IS 3025 part 23: 1986RA-2019
7	Total Hardness	154	mg/lit	200	IS 3025 (Part 21): 2009 EDTA method, RA: 2019
8	Total Dissolved Solids	186	mg/lit	500	IS : 3025 (Part 16):1984, RA 2017
9	Chloride	8.4	mg/lit	250	IS 3025 (part 32):1988, RA: 2019
10	Calcium	1.8	mg/lit	75	IS 3025(part 40):1991, EDTA method, RA:2019
11	Magnesium	1.2	mg/lit	30	IS 3025(part 46):1999, RA: 2019
12	Sulphate	BDL	mg/lit	200	IS 3025 (Part 24): 1988,RA: 2019
13	Copper	BDL	mg/lit	0.05	APHA 3111 B, 23rdEdition Additional Air-Acetyleneflame AAS method:2017
14	Nitrate	BDL	mg/lit	45	IS : 3025 (Part 34) :1988, RA 2019
BACTERIOLOGICAL TEST					
15	Total Coliform	Absent	MPN/100ml	ABSENT	IS 1622

BDL : Below Detectable Limit

Remark : Test results related only to the sample tested.

: The Complaint register is available with the laboratory as per Environment protection act 1986.

For NETEL (INDIA) LIMITED

Lab Incharge

MoEF Recognized Laboratory

Netel (India) Limited

ANALYSIS REPORT FOR SOIL

Name of the Client:		
VIHANG INFRASTRUCTURE PVT. LTD " Vihang Valley " AT VILLAGE OWALE, THANE, MAHARASHTRA	Report Date	: 06.06.2022
	Report No	: NIL/OT/05/22/296
	Reference	: Verbal Discussion
	Date of Sampling	: 29.05.2022
	Date of Analysis	: 02.06.2022-04.06.2022
	Test Location	: Project site
	Sampling Procedure	: As per the Reference method
	Sampling Done By	: Pristine Consultants

RESULT

Sr. No	Parameter	Result		Method
1	pH (1:5 Suspension)	7.14	--	IS 2720 Part 26 :1987
2	Moisture	3.2	%	Lab SOP No. NIL/SOP/06 Based on Manual of Soil testing in india, Ministry of Agriculture, GOI: 2011
3	Electrical conductivity	4.2	Mmhos/cm	IS 14767:2000
4	Organic Carbon	5.3	%	Lab SOP No. NIL/SOP/05 Based on Manual of Soil testing in India, Ministry of Agriculture, GOI: 2011
5	Cation Exchange Capacity	40.6	Meq/100g m	Lab SOP No. NIL/SOP/08 Based on Manual of Soil testing in India, Ministry of Agriculture, GOI : 2011
6	Available Nitrogen	52.7	mg/kg	APHA 4500-Norg-B,23rd Ed 2017
7	Available Phosphorus	62.4	mg/kg	APHA 4500-P,23rd Ed 2017
8	Available Potassium	70.6	mg/kg	Lab SOP No. NIL/SOP/10 Based on Manual of Soil testing in India, Ministry of Agriculture, GOI : 2011
9	Sodium	2.2	mg/kg	Lab SOP No. NIL/SOP/10 Based on Manual of Soil testing in India, Ministry of Agriculture, GOI : 2011
10	Copper	<2	mg/kg	EPA 3050 B Air- Acetylene flame AAS Method : 1996
11	Zinc	<2.5	mg/kg	EPA 3050 B Air- Acetylene flame AAS Method : 1996
12	Total Chromium	<5	mg/kg	EPA 3050 B Air- Acetylene flame AAS Method : 1996
13	Cadmium	<5	mg/kg	EPA 3050 B Air- Acetylene flame AAS Method : 1996
14	Lead	<1	mg/kg	EPA 3050 B Air- Acetylene flame AAS Method : 1996

BDL : Below Detectable Limit

Remark : Test results related only to the sample tested.

For NETEL (INDIA) LIMITED

Lab Incharge

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