



Mumbai Metro Rail Corporation Limited
(JV of Govt. of India and Govt. of Maharashtra)

No. MMRC/Planning/Maint./2021/2310

Date - 27/10/2021

To,
Member Secretary, SEIAA,
Environment Department,
Room no.217,2nd Floor,
Mantralaya, Mumbai-400032.

Sub. : Compliance report of EC granted for Redevelopment project of affected building at kalbadevi station of mumbaui metro line-3 on plot bearing C.s.no. 662 & 1/662 of Bhuleshwar division in 'C' ward by Mumbai Metro Rail Corporation.

:- Six monthly Compliance Report for the period January 2021 to June 2021.

Ref.no.: Environmental Clearance No. SIA/MH/MIS/146165/2020 dated 31/03/2020.

With reference to compliance reports submission in respect of condition of Environmental Clearance No. SIA/MH/MIS/146165/2020 dated 31/03/2020 granted to redevelopment project of affected building at Kalbadevi station of MML-3 referred above, six monthly compliance report for the period January 2021 to June 2021 is enclosed.

Regards,

R. Ramana
Executive Director (Planning)

CC:

1. Regional office, Scientist 'D' MOEFCC, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur-440001.
2. Maharashtra Pollution Control Board, Kalpataru Point, 3rd, and 4th Floor, Opp. PVR Cinema, Sion Circle, Mumbai-400022.

MMRCL Kalbadevi (K3) Rehab Building Environment Six Monthly Compliance Report from January-2021 to June-2021

Point No. 3 General Conditions:

SR. NO.	POINTS OF ENVIRONMENT CLEARANCE:	COMPLIANCE STATUS
I	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	E waste generated during the construction phase will be handed over to the M/s. Ecotech Recycling (MoEFCC approved agency).
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 imply that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	Project doesn't require Forest Clearance and Wildlife Board NOC.
IV	PP has to abide by the conditions stipulated by SEAC & SEIAA.	Noted
V	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement	The ongoing construction is in accordance with the approved plan by MCGM.

	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.	Consent to Establish under Water Act, Air Act and Hazardous waste Management Rules is obtained from MPCB vide Format 1.0/CAC-CELL/UAN No. 0000092568/CE-2009000059 dtd 02/09/2020.
VII	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Lavatory for constructions workers is provided on site.
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 waste water and solid wastes generated during the construction phase should be ensured.	Packaged Drinking water is provided for the workers. Existing facility of Toilet and urinals available is availed.
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.	Separate bins for dry waste and wet waste has been provided on site and disposed through MCGM arrangement. Photographs attached as Annexure -I.
XI	Arrangement shall be made that wastewater and storm water do not get mixed.	Wastewater generated from construction activity is channelized independent of storm water drains.
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the	Excavation permission from Additional Collector, Mumbai

	project site.	for disposal along with royalty challans attached as Annexure II
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.	No additional soil is required for levelling of site.
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 project is redevelopment of existing building is densely populated area of kalbadevi and thus does not have space for green belt development at the site. However compensatory plantation has been carried out outside the site.
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.	Reports are enclosed.
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.	The construction waste and other waste generated during construction activity is stored separately. The excavated material from the site is disposed to the authorized location attached as Annexure - V.
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.	Hazardous waste like waste oil, oil filters are stored separately and handed over to authorized vendor for recycling/ disposal as per Hazardous Waste

		Management Rules.
XVIII	<p>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.</p> <p>The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.</p>	<p>DG set conforming to the EP rules is being used on site during construction phase. DG stack monitoring and source noise monitoring is carried out through MoEFCC recognized laboratory.</p>
XIX.	<p>The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.</p>	<p>No need for separate diesel storage for DG set.</p>
XX	<p>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.</p>	<p>The vehicle condition and PUC for all vehicles is ensured during entry and exit from the site.</p>
XXI	<p>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.</p>	<p>The ambient air & noise monitoring reports are attached as Annexure-VI</p>
XXII	<p>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</p>	<p>Ready Mixed Concrete containing fly ash is directly sourced from the vendor.</p>

	Thermal Power Stations).	
XXIII	Ready mixed concrete must be used in building construction.	Ready Mixed Concrete used is directly sourced from the vendor.
XXIV	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Storm water from site will be channelized and connected to MCGM storm water drain.
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Using pre-mixed concrete, currently no water is required for curing. Issue will be addressed at appropriate stage of construction.
XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority. ³	Ground water level and quality will be monitored as per the CGWA NOC.
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 effluent, 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 effluent, 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.	STP will be installed and certified by independent expert before commencing the operations as well as treated effluent would be recycled to maximum extent.
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.	NOC from CGWA will be obtained for construction of basement.

XXIX	Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.	Dual plumbing facility will be provided for reuse of treated wastewater.
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.	Low flow fixtures will be used.
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. Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.	Entire building is planned for natural light and ventilation So there will not be increased electricity and air conditioning load.
XXXII	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.	Maximum terrace area will be covered by solar panels and landscape.
XXXIII	Energy conservation measures like installation of CFLs ff FLs 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.	LED lights will be used to avoid mercury contamination. Solar PV panels for common lighting will be provided.
XXXIV.	Diesel power generating sets proposed as source of backup	Alternate regular power supply

	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.	will be used for backup. Diesel generator will not be used because of space constraint.
XXXV	Noise should be controlled to ensure that it does not exceed the prescribed standards. Owing 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.	Noise monitoring during construction phase is carried out through MoEFCC recognized laboratory. Attached as Annexure-VI
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.	Traffic circulation pattern is already submitted.
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 fulfil requirement.	Entire building is planned for natural light and ventilation So there will not be increased electricity and air conditioning load.
XXXVII I	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Entire building is planned for natural light 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.	Supervision and monitoring mechanism during construction phase is in place.

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.	Environmental Clearance and Consent to Establish is obtained prior to commencement of construction work.
XLI	Six monthly monitoring reports should be submitted to the regional office MoEF, Bhopal with copy to this department and MPCB.	Noted
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, <i>PP</i> 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.	Environment management system will be installed and made functional prior to OC.
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 of adequate capacity will be provided during operation phase.
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	Consent to Establish from MPCB is obtained. Consent to Operate will be obtained prior to obtaining OC.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	Noted
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	Noted

XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Qualified staff on site on environment management and EMP implementation for construction phase.
XLVIII	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. This 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.	Adequate fund allocated.
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	Complied.
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.	Half yearly compliance report has been submitted vide letter no.1567 Dated.03/08/2021
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.	The environmental clearance copy is being sent to MCGM. The EC copy is also available on the MMRC website.
LII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website	Noted

	and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	
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.	Noted.
LIV	The environmental statement for each financial year ending 31st March in Form-Vas 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.	Noted.

Point No. 3 Specific Conditions:

I	PP to increase the solar energy saving to 5%	Maximum solar energy savings would be practice based on space availability at site.
II	PP to ensure that proposed STP should be 40% open to sky for adequate ventilation.	Adequate side ventilation as presented during the SEAC meeting would be ensured considering space constraints between building boundary & plot boundary.
III	PP to use maximum treated wastewater to reduce disposal to 35%.	Treated wastewater would be recycled to the maximum extent in flushing, car washing etc. to reduce the disposal.
IV	PP to provide to cover minimum 25% of total parking arrangement with electric charging stations by providing charging points at suitable places.	This possibility will be explored.
V	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 fulfilment of this condition before granting CC.	Not Applicable
VI	PP to ensure that CER plan gets approved from Municipal Commissioner.	In process of preparing CER scheme.
VII	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.	Separately attached as Annexure-VII
VIII	SEIAA decided to grant EC for FSI: 16582.51 m ² , Non-FSI: 10052.68 m ² and Total BUA: 26635.19 m ² (Plan Approval no -P-2642/2019/662 & others/C-Ward/Bhuleshwar/337/1/NAV)	Noted

Annexure I

Separate bins for dry waste and wet waste provided



Annexure II

Excavation permission from Additional Collector, Mumbai for disposal of C & D Waste



MUNICIPAL CORPORATION OF GREATER MUMBAI
(Solid Waste Management Department)

Office of Executive Engineer,
SWM SWM Zonal Office 1,

Application Number - P-2642/2019/(662 And Other)/C Ward/BHULESHWAR/SWM/1/Amend, dated - 03 Aug 2020

Issued remarks Number /005437/2020/C/SPL Dated 06 Aug 2020.

To (Architect / L.S),
Vilas Paralhadrao Kharche
401,Rushikesh Apartment, Off. Gokhale
Road, Mulund (East), Mumbai-400081

CC (Owner),
Mumbai Metro Rail Corporation Limited,
Mumbai Metro Rail Corporation Limited,
NaMTTRI Building, Plot No. R-13, 'E'- Block,
Bandra Kurla Complex, Bandra (East),
Mumbai 400051.

Subject :- Approval to Construction & Demolition Waste Management Plan for the site at CTS/CS Number 662 ,1/662 of village 2031 at ward Ward C.

Reference :- Your application / online submission for C&D Waste Management Plan levelling & filling at designated site dtd. 03 Aug 2020.

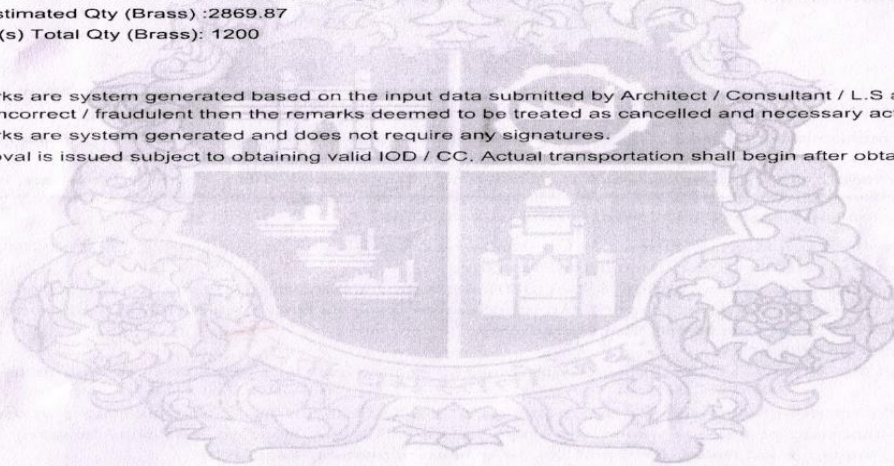
With reference to your application/ online submission, the Debris Management Plan submitted by you has been approved as per "Construction and Demolition Waste Rules 2016" and you are allowed to transport Construction & Demolition/ Excavation Material from construction site to the unloading site subject to following terms & conditions.

1. This approval is subject to the orders given by Hon. Supreme Court u/no. in SLP (Civil) No. D23708/2017 dated 15.3.2018. You shall follow this order of Hon. Supreme Court and instructions therein.
2. You shall handle & transport **Construction & Demolition Waste / Excavation Material to the extent of 1200 Brass only to the designated unloading site Construction of 8 laning of existing 4 lane NH3 (New NH-848) Vadape to Thane from km 539.202 to km 563.00 on hybrid annuity mode-Mr. Sunil Upadhyay (9821042521) & validity 06 May 2021.**
3. You shall transport the C&D waste with proper precautions and employ adequate measures safe guards to dispersal of particles through the air.
4. You have mentioned designated site for transportation of C&D waste for filling and levelling purpose. The C&D waste shall be transported and deposited at the designated site only The Landfill site (unloading site) shall be governed by the Construction and Demolition Waste Management Rules, 2016 and Solid Waste Management Rules, 2016.
5. In the event for any reason whatsoever, the consent given by the Designated Site / Agency is revoked or the time limit for the designated site has expired or the capacity of unloading site is exhausted. In such case the builder / developer shall forthwith stop the transportation activities. The builder / developer shall submit revised Construction and Demolition waste management plan along with required valid documents for revalidation of existing C&D waste Management Plant.
6. The construction & Demolition Waste shall be transported through your Transport Contractor. The details of the same shall be uploaded in the system by the applicant at the time of actual transportation.
7. The deployed vehicles shall abide by all the R.T.O. rules and regulations. You shall ensure that the vehicles should be properly covered with tarpaulin or any other suitable material firmly to avoid any escape / fall of waste on road from moving vehicle. The body and wheels

- shall be cleaned and washed thoroughly to avoid spreading of waste on road.
8. The copy of approved Construction and Demolition Management Plan Shall be accompanied with each and every vehicle under this approval. The developer shall issue the proper Challan for each and every trip of vehicles and that shall be acknowledged by the agency of unloading site. The developer shall maintain record of C&D material transported and shall make it available to MCGM and / or Monitoring Committee whenever required for inspection.
 9. The approval is granted presuming that the papers submitted by the applicants / Owners are genuine. For any dispute arising out of documents submitted by applicant, POA / Occupant / Owner shall be held responsible as prescribed under the law prevailing in force.
 10. The approval granted hereto does not absolve the other approval required from the other department of M.C.G.M. OR Govt. authorities.
 11. In case of disputes, court matters etc. related to the subject site / land / property, this approval cannot be treated as a valid proof.
 12. In case of any breach of condition is brought to the notice of MCGM or Monitoring Committee, Show Cause Notice will be issued and decision will be taken within one month as expeditiously as possible, which shall be binding on you / land owner.
 13. This approval is not a permission for excavation or permission for dumping but this is the only approval under Construction & Demolition Waste Management Plan for the transportation of Construction & Demolition Waste for unloading at designated unloading site.
 14. You / Land owner shall submit valid Bank Guarantee from the bankers approved by the MCGM and the amount applicable as per attached table. The bank guarantee remains valid till grant of Occupation Certificate (OCC).
 15. The license architect / license engineer shall upload compliance report in respect of Construction & Demolition Waste Management Plan, any breach will entitle the cancellation of building permission and work will be liable to stop immediately.
 16. (A) Project Total Estimated Qty (Brass) :2869.87
(B) Obtained NOC(s) Total Qty (Brass): 1200

Note:

1. The above remarks are system generated based on the input data submitted by Architect / Consultant / L.S and if in future it is found that the data is incorrect / fraudulent then the remarks deemed to be treated as cancelled and necessary action will be initiated.
2. The above remarks are system generated and does not require any signatures.
3. This C & D approval is issued subject to obtaining valid IOD / CC. Actual transportation shall begin after obtaining valid IOD / CC only.



Royalty challan for excavated mud transportation

<p>महाराष्ट्र शासन उद्योग, उर्जा व कामगार विभाग मंत्रालय, मुंबई-३२. No. 010 (भू विज्ञान व खनिकर्म विभाग) मूळप्रत खनिज वाहतूक परवाना स्थळप्रत (सदरु निर्गत परवाना परवान्याच्या मुदती पर्यंतच वैध राहिल) परवाना क्रमांक व दिनांक : सीएसएलआर/मशा-२/ प्र.क्र.१३८/गिरगांव/गौ.ख.उ./२०२१/१७१७ Valid for 2 months Extn. Date 11-05-2021 to 10-07-2021 परवाना देणाऱ्या अधिकाऱ्याचे नांव : जिल्हाधिकारी मुंबई शहर १) दगड खाणीचे नांव: मुंबई मेट्रो रेल कॉर्पोरेशन लि. यांच्या तर्फे वासकॉन इंजिनिअर्स लि. वासकॉन वेकफिल्ड चेंबर्स, पूणे नागपूर रोड, पूणे महाराष्ट्र ४११०१४ २) परवाना धारकाचे नांव: मुंबई मेट्रो रेल कॉर्पोरेशन लि. ३) एकूण किती ब्रास दगड/डबर/माती उत्खनन करण्याचा परवाना मंजूर आहे : १२०० ब्रास सदर परवाना किती ब्रास दगड/डबर/माती वाहतूक करण्याची परवानगी दिली : ब्रास : दोन ब्रास ४) टुक नंबर : ५) दगड/डबर/माती उत्खनन करण्याचे ठिकाण : भूकर क्र. ६६२ व १/६६२ गिरगांव विभाग मुंबई ५) दिनांक : अंकात : _____ अक्षरी : _____ ६) वेळ : अंकात : _____ अक्षरी : _____ ७) दगड/डबर/माती पोहचण्याचे ठिकाण : टुक ड्रायव्हरची सही _____ परवाना देणाऱ्याची सही _____ टीप: १) ज्या ठिकाणी दगड/डबर/माती गौण खनिज टुकमध्ये भरती जाते तेथूनच निर्गत परवाना (विभाग) दिल्या पाहिजे. २) सदर परवान्यावर तारीख व वेळ अंकात व अक्षरीत नमूद न केल्यास अगर खाडाखोड केल्यास सदरचा परवाना अवैध ठरेल. ३) म.ज.भ.अ. १९६६ चे कलम ४८ (८) नुसार ज्या वरील हक्क राज्य शासनाकडे विहित आहे व राज्य शासनाने ज्याचे अभिस्तांकन केलेले नाही अशा कोणत्याही खाणीतून, खाडाच्या खाणीतून किंवा पोटकलम (७) मध्ये उल्लेखित कोणत्याही जागेतून काढलेले आढून नेलेले, गोळा केलेले, पुनःस्थापित केलेले, उचलून घेतलेले किंवा विनीयोग केलेले कोणतेही खनीज जिल्हाधिकार्याने सादर घेता येईल व सरकार जमा करता येईल.</p>	<p>महाराष्ट्र शासन उद्योग, उर्जा व कामगार विभाग मंत्रालय, मुंबई-३२. No. 009 (भू विज्ञान व खनिकर्म विभाग) मूळप्रत खनिज वाहतूक परवाना स्थळप्रत (सदरु निर्गत परवाना परवान्याच्या मुदती पर्यंतच वैध राहिल) परवाना क्रमांक व दिनांक : सीएसएलआर/मशा-२/ प्र.क्र.१३८/गिरगांव/गौ.ख.उ./२०२१/१७१७ Valid for 2 months Extn. Date 11-05-2021 to 10-07-2021 परवाना देणाऱ्या अधिकाऱ्याचे नांव : जिल्हाधिकारी मुंबई शहर १) दगड खाणीचे नांव: मुंबई मेट्रो रेल कॉर्पोरेशन लि. यांच्या तर्फे वासकॉन इंजिनिअर्स लि. वासकॉन वेकफिल्ड चेंबर्स, पूणे नागपूर रोड, पूणे महाराष्ट्र ४११०१४ २) परवाना धारकाचे नांव: मुंबई मेट्रो रेल कॉर्पोरेशन लि. ३) एकूण किती ब्रास दगड/डबर/माती उत्खनन करण्याचा परवाना मंजूर आहे : १२०० ब्रास सदर परवाना किती ब्रास दगड/डबर/माती वाहतूक करण्याची परवानगी दिली : ब्रास : दोन ब्रास ४) टुक नंबर : ५) दगड/डबर/माती उत्खनन करण्याचे ठिकाण : भूकर क्र. ६६२ व १/६६२ गिरगांव विभाग मुंबई ५) दिनांक : अंकात : _____ अक्षरी : _____ ६) वेळ : अंकात : _____ अक्षरी : _____ ७) दगड/डबर/माती पोहचण्याचे ठिकाण : टुक ड्रायव्हरची सही _____ परवाना देणाऱ्याची सही _____ टीप: १) ज्या ठिकाणी दगड/डबर/माती गौण खनिज टुकमध्ये भरती जाते तेथूनच निर्गत परवाना (विभाग) दिल्या पाहिजे. २) सदर परवान्यावर तारीख व वेळ अंकात व अक्षरीत नमूद न केल्यास अगर खाडाखोड केल्यास सदरचा परवाना अवैध ठरेल. ३) म.ज.भ.अ. १९६६ चे कलम ४८ (८) नुसार ज्या वरील हक्क राज्य शासनाकडे विहित आहे व राज्य शासनाने ज्याचे अभिस्तांकन केलेले नाही अशा कोणत्याही खाणीतून, खाडाच्या खाणीतून किंवा पोटकलम (७) मध्ये उल्लेखित कोणत्याही जागेतून काढलेले आढून नेलेले, गोळा केलेले, पुनःस्थापित केलेले, उचलून घेतलेले किंवा विनीयोग केलेले कोणतेही खनीज जिल्हाधिकार्याने सादर घेता येईल व सरकार जमा करता येईल.</p>
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जिल्हाधिकारी व जिल्हादंडाधिकारी कार्यालय, मुंबई शहर

ओल्ड कस्टम हाऊस, शाहीद भगतसिंग मार्ग, फोर्ट, मुंबई - ४०० ००१
Fax. २२६६१२३९ Tel. २२६६५२३३, Email: collector_mumbaicity@maharashtra.gov.in

(महसूल शाखा)

क्र.सीएसएलआर/मशा-२/प्र. क्र..१३८/गिरगांव/गौ.ख.उ./२०२१/११७/१४

दिनांक :- /०१/२०२१

11 MAY 2021

विषय : जमीन : मुंबई शहर

गिरगांव विभागातील भूकर क्र.६६२ व १/६६२ येथे १२०० ब्रास गौण खनिज उत्खननास मुदतवाढ मिळणेबाबत.

संदर्भ : १. या कार्यालयाकडील आदेश दि.१०/०९/२०२० रोजीचे पत्र.

२. या कार्यालयाकडील परीरक्षण भूमापक यांचा दि.३०/१२/२०२० रोजीचा स्थळपहाणी अहवाल

३. मुंबई मेट्रो रेल कॉर्पोरेशन लि. यांचेकडील दि. ०४/१२/२०२० रोजीचे पत्र.

आदेश :-

उपरोक्त विषयाबाबत गिरगांव विभागातील भूकर क्र.६६२ व १/६६२ मुंबई या मिळकतीमधून या कार्यालयामार्फत अपणांस दि.३१/०७/२०२० रोजी एकूण १२०० ब्रास गौणखनिज उत्खननासाठी दोन महिना कालावधीसाठी परवाना देणेत आला होता. तसेच सदर परिमाणासाठी शासकीय स्वामित्व धनाचा भरणा रक्कम रु.४८२०००/- केला होता. सदर कालावधीमध्ये आपणांस १२०० ब्रास गौण खनिज उत्खनन करता येणे शक्य नसलेने आपण संदर्भीय अ.क्र.३ च्या आदेशान्वये आपल्याला सदर कामकाजासाठी मुदतवाढ देणेत आलेली आहे.

संदर्भीय पत्र अ.क्र.३ अन्वये आपण पुन्हा दि.३१/०७/२०२० रोजीच्या आदेशाला कोवीड १९ च्या महामारीमुळे मुदतवाढ देण्याची विनंती केलेली आहे.सबब आपणांस या कार्यालयाने दि.३१/०७/२०२० रोजी दिलेल्या आदेशामध्ये ठरवून दिलेल्या अटी व शर्तीस अधिन राहून १२०० ब्रास गौण खनिज उत्खननासाठी दोन महिने कालावधीसाठी मुदतवाढ देणेत येत आहे.

प्रकरणी सदर मुदतवाढीनंतर काम पुणे न इम्लिस पुढील मुदतवाढ दिली जाणार नाही याची नोंद घ्यावी.



(अरुण अभंग)
अपर जिल्हाधिकारी, मुंबई शहर

प्रति :-

१. मुंबई मेट्रो रेल कॉर्पोरेशन लि., वासकॉन वेकफिल्ड चेंबर्स, पूणे
नागपूर रोड, पूणे, महाराष्ट्र ४११०१४

Annexure – III

Tree plantation done in Arrey coloney, Goregaon east.

Name of Tree:

SR.NO.	NAME OF TREE
1	TAMAN
2	ARJUN
3	BARINGTONIA
4	UMBER
5	AMLA
6	BAKUL
7	MAHOGANI
8	KANCHAN



Annexure – IV

Soil sample taste report



Netel (India) Limited

TEST REPORT

Name of Organization : M/s.Vascon Engineers Ltd		QCI - NABL Validity : 19 th March 2022	
Customer Address : MMRC , Kalbadevi, Mumbai		Sampling Done By : Netel India Limited	
Customer Reference :		Sample Received : 28.06.2021	
MoEFCC Validity : 16 th Oct 2024		Analysis Finish : 08.07.2021	
Sample Type : Soil Sample		Sample Qty & Pkng. : Plastic Bag (2 Kgs)	
Date of Sampling : 28.06.2021		Sample Code : NIL/SO/06/21/026	
Analysis Start : 29.06.2021			
Reporting Date : 08.07.2021			
Sampling Location : Near Site Office			

Sr. No	Test Parameter	Method	Unit	Result
1	pH	IS 2720 (Part 26)	—	9.60
2	Electrical Conductivity	IS 14767	mmhos/cm	4.98
3	Moisture Content	**Lab SOP No. NIL/SOP/06	%	46.10
4	Particle Size Distribution			
5	i. Sand	International Pipette Method	%	86.30
6	ii. Silt			8.10
7	iii. Clay			5.60
8	Texture	International Pipette Method	mg/kg	Loamy Sand
9	Alkalinity	Lab SOP No. NIL/SOP/21	mg/kg	526.30
10	Specific Gravity	ASTM D854	mg/kg	1.68
11	Silica	APHA 4500-C	mg/kg	84.6
12	Sulphate	**Lab SOP No. NIL/SOP/04	mg/kg	684.3
13	Chloride	**Lab SOP No. NIL/SOP/03	mg/kg	2315.2
14	Sodium	**Lab SOP No. NIL/SOP/10	mg/kg	2746.2
15	Potassium	**Lab SOP No. NIL/SOP/10	mg/kg	945.6
16	Calcium	**Lab SOP No. NIL/SOP/08	mg/kg	26315.0
17	Magnesium	**Lab SOP No. NIL/SOP/08	mg/kg	2650.0
18	Lead	**Lab SOP No. NIL/SOP/15	mg/kg	21.3
19	Cadmium	**Lab SOP No. NIL/SOP/15	mg/kg	1.6
20	Chromium	**Lab SOP No. NIL/SOP/15	mg/kg	55.4
21	Manganese	**Lab SOP No. NIL/SOP/15	mg/kg	637.5
22	Nickel	**Lab SOP No. NIL/SOP/15	mg/kg	18.8
23	Cobalt	**Lab SOP No. NIL/SOP/15	mg/kg	12.3
24	Zinc	**Lab SOP No. NIL/SOP/15	mg/kg	8.5
25	Iron	**Lab SOP No. NIL/SOP/15	mg/kg	7694.2
26	Copper	**Lab SOP No. NIL/SOP/15	mg/kg	29.5
27	Aluminium	EPA 3050-B	mg/kg	1234.0
28	Silver	**Lab SOP No. NIL/SOP/15	mg/kg	25.4
29	Oil & Grease	Soxhlet Extraction method	mg/kg	465.3

Note :

1. MDL – Method Detectible Limit.
2. BDL – Below Detectible Limit.
3. ** Based on Manual of Soil testing in India, Ministry of Agriculture, GOI, 2011
4. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
5. This Test Report refers only to the sample tested.
6. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Surekha Jamdar
Dy. Technical Manager

Issued by:

Shraddha Kere

Shraddha Kere
Technical Manager

End of Report

A Neterwala Group Company

CIN : U74999MH2003PLC142228

Office & Laboratory : W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.
 Phone : 72080976 / 92 / 93 / 94 / 95 • Website : www.netel-india.com • E-mail : ems@netel-india.com
 Registered office : Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020.

Ground water sample taste report



Netel (India) Limited

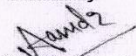
TEST REPORT

Name of Organization : M/s. Vascon Engineers Ltd		Customer Address : MMRC , Kalbadevi, Mumbai		
Customer Reference :		MoEFCC Validity : 16 th Oct 2024		
Sample Type : Ground Water		QCI - NABL Validity : 19 th March 2022		
Date of Sampling : 29.06.2021		Sampling Done By : Netel India Limited		
Analysis Start : 01.07.2021		Sample Received : 30.06.2021		
Reporting Date : 06.07.2021		Analysis Finish : 06.07.2021		
Sampling Location : Site office		Sample Qty & Pkng. : Can (2 lit)		
		Sample Code : NIL/W/06/21/228		
Sr. No	Parameter	Method	Unit	Result
1	pH	APHA 4500 H+, 23rd ED	--	7.68
2	Total Dissolved Solids	APHA 2540 C, 23rd ED	mg/l	246
3	BOD	IS 3025 (Part 44)	mg/l	<5
4	COD	APHA 5220 B, 23rd ED	mg/l	8
5	Chlorides	APHA 4500-Cl-B, 23rd ED	mg/l	14.3
6	Nitrate	IS 3025 (Part 34)	mg/l	<0.5
7	Sulphate	APHA 4500-SO4 (E), 23rd ED	mg/l	1.6
8	Calcium	APHA 3500-Ca-B, 23rd ED	mg/l	10.3
9	Phosphate	APHA 4500-P, 23rd ED	mg/l	<3
10	Iron	APHA 3111-B, 23rd ED	mg/l	<0.1
11	Lead	APHA 3111-B, 23rd ED	mg/l	<0.05
12	Oil & Grease	APHA 5520-B, 23rd ED	mg/l	0.8
13	Total Nitrogen	APHA 4500-N-C, 23rd ED	mg/l	1.3

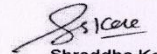
Note :

1. This Test Report refers only to the sample tested.
2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
3. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by


Surakha Jamdar
Dy. Technical Manager

Issued by


Shradha Kere
Technical Manager

End of Report

A Neterwala Group Company

CIN : U74999MH2003PLC142228

Office & Laboratory : W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.
Phone : 72080976 92 / 93 / 94 / 95 • Website : www.netel-india.com • E-mail : ems@netel-india.com
Registered office : Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020.

Annexure - V

Approval letter from MCGM for unloading C & D waste material valid up to 18/04/2022 vide letter EX.ENG/SWM/105/Z-III dated 19/04/2021.

105

Municipal Corporation of Greater Mumbai
(Solid Waste Management)

EX. ENG / SWM / 105 / Z-III
19/04/2021

Office of the Ex. Eng.(S.W.M.) Z-III,
MCGM Building, 2nd Floor, 321 TPS
2, Nehru Road, Vile Parle (E),
Mumbai - 400 057

To,
M/s. Vipin Chapshi Shah
G-7, Sej Plaza, Off. MARve Road,
Near Nutan School, Malad (West),
Mumbai - 400064.


Ref no: 105

Subject.: Approval of new site for unloading of C & D waste material, on the site of Survey No. 30/1/K, 30/3, 30/5, 33/1, 33/2, 33/3, 34/1, 34/2, 35/4/A, 35/1, 35/2, 35/3/A, 35/3B, 35/5, 35/6, 36/1, 36/2, 36/3, 36/4, 37/2/B of village Alkunda, Taluka Bhiwandi, Dist. Thane. (Applicant: M/s. Vipin C Shah)

Reference: 1) Application from M/s. Vipin C Shah dtd. 25.02.2021
2) D M.C. (SWM)'s approval u/no. DMC/SWM/120 dtd. 16.04.2021

Your application for above referred new unloading site for C & D waste material has been approved by) D. M.C. (SWM) subject to the following conditions:

- 1) Location of unloading site:- **Survey No. 30/1/K, 30/3, 30/5, 33/1, 33/2, 33/3, 34/1, 34/2, 35/4/A, 35/1, 35/2, 35/3/A, 35/3B, 35/5, 35/6, 36/1, 36/2, 36/3, 36/4, 37/2/B of village Alkunda, Taluka Bhiwandi, Dist. Thane.**
- 2) Time period:- This permission is valid for one Year (up to 18.04.2022). The validity of the Unloading site can be renewed after one year, only if the conditions mentioned in this letter of acceptance are strictly followed by your firm.
- 3) Quantity of unloading material:- 465300 Brass (1316799 Cu. Mtr.)
- 4) Type of C & D waste to be unloaded at unloading site:- Debris and C & D Waste.
- 5) The approval is subject to the orders given by Hon'ble Supreme Court in SLP (Civil) No. D23708/2017 dtd. 15.03.2018. You shall follow these orders of Hon'ble Supreme Court and instructions therein.
- 6) If the validity of the unloading site gets exhausted, you shall inform this office regarding the same and the permission shall be renewed. In case, if the capacity of the unloading gets filled completely before the validity of the unloading site gets exhausted, you shall forthwith stop the transportation & filling activities and inform this office accordingly.



- 7) This approval is granted presuming that the papers submitted by the applicant/ land owner are genuine. For any dispute arising there from out of documents submitted by applicant, POA/ occupant/ owner shall be held responsible as prescribed under the law prevailing in force.
- 8) It is your responsibility to demarcate clearly on the plot the area for unloading of C & D waste material by the respective filling/ leveling contractors.
- 9) You shall set up a security cabin, manned 24 X 7 for maintaining record at the entrance of unloading site. The records shall contain the details such as date, vehicle number, quantity of C&D waste unloaded, name & address of generation site etc. Also it is your responsibility to submit the record to MCGM, as and when required.
- 10) The entire unloading site shall be enclosed with entry/ exit gate for controlling movement of vehicles.
- 11) You shall make an arrangement of CCTV at the entrance & exit gate for recording movement of the vehicles coming for unloading of C&D waste. The record of the same shall be made available to MCGM as & when required.
- 12) You shall abide & comply by the directives of Hon'ble courts, any statutory authority and MCGM, which may be issued from time to time in this regard.
- 13) The approval granted hereto does not absolve the other approvals required from the other departments of MCGM, NHAI, Govt. Authorities or any other ULBs, especially for wetlands or CRZ affected sites.
- 14) In case of disputes, court matters etc. related to the subject site/ land/ property, this approval cannot be treated as valid proof.
- 15) In case of any breach of condition is brought to the notice of MCGM or monitoring committee as mentioned in the SLP (Civil) No. D23708/2017 dtd. 15.03.2018, show cause notice will be issued and decision will be taken within one month as expeditiously as possible, which shall be binding on you/ land owner. You must note here that, in case of failure to comply conditions stated above and those in approval letter, approval granted to you, as designated unloading site may be revoked by MCGM.
- 16) You shall strictly comply with the "Solid Waste Management Rules, 2016" and "Construction & Demolition Waste Management rules, 2016"
- 17) This approval is as per appointment certificate given by Mr. Mahadev K. Angre. to M/s. Libra Associates, for necessary permission from government authorities like CIDCO of Maharashtra, collectors Mumbai city, suburban & MCGM etc. and your application dtd. 12.12.2019.
- 18) Necessary compliance & mandatory requirements as per the S.O.P. for SWM C & D Waste Management Permissions shall be complied within 15 days from the date of receipt of this approval letter. Failing to which, the permission issued to you as per this approval letter will be revoked.

ANIL H. MEHTA
ADVOCATE & NOTARY GR. MUMBAI
Parijat Manchhubbhai Road,
Nr. Fatimadevi English High School,
Malad (east), Mumbai - 400 997.

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31/05/2024
Executive Engineer
(Solid Waste Management)
Zone - III (i/c)

Ambient Noise Monitoring Report



Netel (India) Limited

NOISE MONITORING REPORT

Name of Orga Name of Organization : M/s.Vascon Engineers Ltd
 Customer Adc Customer Address : MMRC , Kalbadevi, Mumbai
 Customer Ref Customer Reference : --

Location		Site Office (Kalbadevi)	
Date		28.06.2021	
Hourly L_{eq}	06:00 - 07:00	62.3	
	07:00 - 08:00	63.5	
	08:00 - 09:00	69.4	
	09:00 - 10:00	71.6	
	10:00 - 11:00	69.5	
	11:00 - 12:00	76.5	
	12:00 - 13:00	71.3	
	13:00 - 14:00	75.5	
	14:00 - 15:00	70.5	
	15:00 - 16:00	68.6	
	16:00 - 17:00	66.5	
	17:00 - 18:00	74.8	
	18:00 - 19:00	69.8	
	19:00 - 20:00	63.2	
	20:00 - 21:00	67.2	
	21:00 - 22:00	61.3	
	22:00 - 23:00	58.5	
	23:00 - 00:00	62.6	
	00:00 - 01:00	68.9	
	01:00 - 02:00	62.3	
	02:00 - 03:00	66.1	
	03:00 - 04:00	59.5	
	04:00 - 05:00	68.6	
	05:00 - 06:00	62.1	
Leq	---	Day	Night
	L_{eq}	71.0	65.1
	L_{10}	75.2	68.7
	L_{50}	69.5	62.5
	L_{90}	62.3	61.1
	L_{max}	76.5	68.9
	L_{min}	61.3	58.5

Note: All Values in dB(A)

Verified by:

Surakha Jamdar
 Surakha Jamdar
 Dy. Technical Manager

Issued by:

Shraddha Kere
 Shraddha Kere
 Technical Manager

Ambient Air Monitoring Report



Netel (India) Limited

TEST REPORT

Name of Organization : M/s.Vascon Engineers Ltd	
Customer Address : MMRC , Kalbadevi, Mumbai	
Customer Reference :	
MoEFCC Validity : 16 th Oct 2024	QCI - NABL Validity : 19 th March 2022
Sample Type : Ambient Air	Sampling Done By : Netel India Limited
Date of Sampling : 28.06.2021	Sample Received : 29.06.2021
Analysis Start : 29.06.2021	Analysis Finish : 03.07.2021
Reporting Date : 03.07.2021	Sample Qty & Pkng. : Filter Paper (2 nos), Charcoal Tube, Bladder, & 50ml Plastic Bottle (4 nos)
Sampling Location : Site Office	Sample Code : NIL/AA/06/21/374

Sr. No	Parameter	Method	Duration	Unit	Result	CPCB Limit
					NIL/AA/06/21/374	
1	Particulate Matter (PM ₁₀)	IS-5182 (Part-23)	24 Hrs	µg/m3	61.7	100
2	Particulate Matter (PM _{2.5})	NIL/AIR/SOP/03†	24 Hrs	µg/m3	19.4	60
3	Sulphur Dioxide (SO ₂)	IS-5182 (Part-02)	24 Hrs	µg/m3	9.2	80
4	Oxides of Nitrogen (NO _x)	IS-5182 (Part-06)	24 Hrs	µg/m3	27.6	80
5	Carbon Monoxide (CO)	IS-5182 (Part-10)	8 Hrs	mg/m3	0.42	2
6	Benzene (C ₆ H ₆)	IS-5182 (Part-11)	24 Hrs	µg/m3	2.6	5
7	Ammonia (NH ₃)	ISC Part-II (Method-	24 Hrs	µg/m3	28.1	400
8	Ozone (O ₃)	IS-5182 (Part-09)	8 Hrs	µg/m3	3.4	100
9	Benzo - a - Pyrene (BaP)	IS-5182 (Part-12)	24 Hrs	ng/m3	<0.5	1
10	Lead (Pb)	APHA - Air 3rd	24 Hrs	µg/m3	0.2	1
11	Arsenic (As)	APHA - Air 3rd	24 Hrs	ng/m3	<1	6
12	Nickel (Ni)	APHA - Air 3rd	24 Hrs	ng/m3	<0.1	20
13	Hydrocarbon	IS 5182 (Part 17)	24 Hrs	ppm	2.3	--

Note :

1. This Test Report refers only to the sample tested.
2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
3. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by

Surekha Jamdar

Surekha Jamdar
Dy. Technical Manager

Issued by

Shraddha Kere

Shraddha Kere
Technical Manager

End of Report

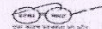
A Neterwala Group Company

CIN : U74999MH2003PLC142228

Office & Laboratory : W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.

Phone : 72080976 / 93 / 94 / 95 • Website : www.netel-india.com • E-mail : ems@netel-india.com

Registered office : Liberty Building, 3rd Floor, Sir Vitthaladas Thackersey Marg, (New Marine Lines), Mumbai - 400 020.



Annexure VII - EC Standard Conditions

	POINTS OF ENVIRONMENT CLEARANCE	COMPLIANCE STATUS
1	The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.	Will be complied before starting actual work
2	Notification GSR 94(E) dated 25.01.2018 of MoEF & CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	Sprinkling of water on, vehicle access road & excavated muck collected area. Reduce speed of vehicles. Fencing to all open area of site boundary. Use of dust mask by workers
3	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	Doing Ambient Air Monitoring twice in a week, Dust control measures in place.
4	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	G.I. sheet fencing done for open area of the site boundary at above 3-meter height. Required control measures will be taken when actual work started.
5	Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	Adequate measures taken when work will start
6	Wet jet shall be provided for grinding and stone cutting.	Yes
7	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Water sprinkling using water jet spraying

8	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rainwater.	Temporary drainage provided
9	No ground water shall be used during construction phase of the project.	Yes
10	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.	Yes
11	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	Dust control measures taken & dust mask provided to workers
12	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	EPR Plan prepared, HIRA for initial stage activity prepared & will continue before starting new activities. DMP prepared & displayed at main entrance & offices.
13	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Labour camp provided near adjacent building and all facilities are available. Female workers not available so creche not required
14	Occupational health surveillance of the workers shall be done on a regular basis.	Appointed qualified doctor to visit the site for health checkup.
15	A First Aid Room shall be provided in the project both during construction and operations of the project.	First Aid Box is provided in site office.