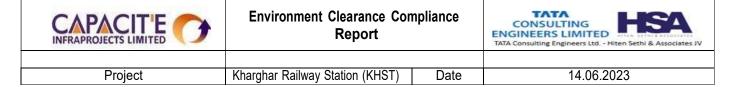


ENVIRONMENT CLEARANCE (EC) COMPLIANCE REPORT.

CIDCO - PMAY Package - ii Project.

Project Location: Kharghar Railway Station (KHST)

Date: 14.06.2021

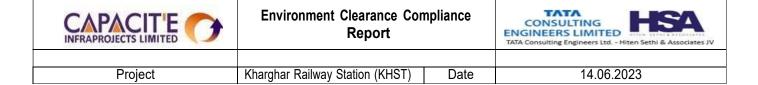


There are Two types of condition for Environment Clearance.

- 1. SPECIFIC CONDITION.
- 2. GENERAL CONDITION.

SPECIFIC CONDITION

Sr. No	Description	Remarks
1	PP to upload the disaster management plan considering the failure of mitigation measures provided by them like effluent treatment plant, grease traps, Air cleaning system, noise barriers etc. as one of the likely disaster point.	NA
2	PP to reuse the treated water for bus cleaning. Also to provide water treatment plant in project site itself.	NA at this stage as construction is progress.
3	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
4	PP to ensure that CER plan get approved from Municipal Commissioner/District Collector.	Noted
5	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/20 18-IA.1II dt.04.0 1.2019.	Noted
6	SEIAA decided to grant EC for-FSI-57748.80 m2, Non-FSI- 69516.50 m2 and Total BUA-127265.30 m2 (Plan Approval no- CIDCO/Sr. Arch.(BP-IHP)/2019/365, Date 08.08.20 19)	For Information.



GENERAL CONDITION.

Sr. No	Description	Remarks
1	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	Shall be comply at the time of generation
2	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.	Post Construction stage.
3	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
4	PP has to abide by the conditions stipulated by SEAC& SEIAA.	Noted
5	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.	CC received from concern authority.
6	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.	CTE granted by MPCB
7	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Necessary measures in place. Refer Annexure - 01
8	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.	Adequate provision made / provided. Refer Annexure – 02
9	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.	Solid waste collected at designated place and dispose of through authorise vendor
10	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.	Muck dispose of in designated place / plot.
11	Arrangement shall be made that waste water and storm water do not get mixed.	Noted
12	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Followed. Refer Annexure - 03
13	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.	Noted
14	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/Agriculture Dept.	Noted. Will take action completion of building work.



Environment Clearance Compliance Report



Project Kharghar Railway Station (KHST) Date 14.06.2023

15	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.	Tests are `conducted and reports enclosed. Refer Annexure - 04
16	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.	Construction Spoils and other hazardous material collect and dispose off in proper way to avoil water contamination. Refer Annexure - 05
17	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.	Noted
18	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.	Followed, Record enclosed. Refe Annexure - 06
19	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	Only 400 Ltr. Store which is less than permissible limit.
20	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.	Complied, Refer Annexure - 07
21	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.	Followed. Refer Annexure - 08
22	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).	Fly ash as well as GGBS use in works.
23	Ready mixed concrete must be used in building construction.	Complied
24	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Not Applicable
25	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Curing Compound used to reduce the water demand during construction. Refer Annexure - 0
26	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	Ground water quality test has bee undertaken and recorded.
27	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/ refused to the maximum extent possible. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.	Noted
28	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.	No basement in project and grour water not being use for construction



Environment Clearance Compliance Report



Project Kharghar Railway Station (KHST) Date 14.06.2023

29	Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.	Included, will be taken up on commencement of work.
30	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.	Material selection is in process & considered by accordingly.
31	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.	Not Applicable
32	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.	Noted
33	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed of/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid nonconventional energy source as source of energy.	Included, will be taken up on commencement of work.
34	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low Sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	Noted
35	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.	Followed Noise Monitoring report enclosed. Refer Annexure - 10
36	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.	Followed. Refer Annexure - 11
37	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.	Not Applicable.
38	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Provided
39	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.	Regular supervision for monitoring of applicable provision/measures i place.
40	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.	Work started after obtaining EC ar other statutory approval.
41	Six monthly monitoring reports should be submitted to the Regional office MoEF. Bhopal with copy to this department and MPCB.	Followed.

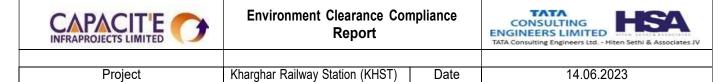


Environment Clearance Compliance Report

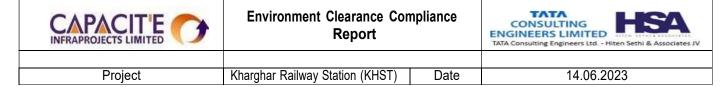


Project Kharghar Railway Station (KHST) Date 14.06.2023

42	Project proponent shall ensure completion of SIP, 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.	Noted
43	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.	Noted
44	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	Noted
45	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	Submitted.
46	In the case of any change(s) in the scope of the project. the project would require a fresh appraisal by this Department.	Noted
47	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Noted
48	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.	Noted
49	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	Noted
50	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 & 1 st December of each calendar year.	Submitted
51	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.	Noted
52	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.	Noted
53	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored	Submitted

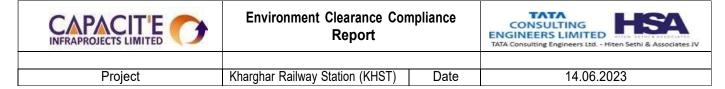


	data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	
54	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State 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 a shall also be sent to the respective Regional Offices of MoEF by e-mail.	Submitted



<u>Annexure- 01:</u> - All required sanitation and hygienic measures have been taken prior to start the construction work and it shall be maintained till completion of project.



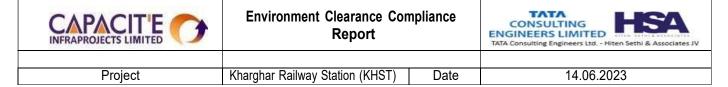


<u>Annexure – 02: -</u> Adequate drinking water and sanitary facilities provided for construction workers at the site. The safe disposal of wastewater and solid wastes in place.



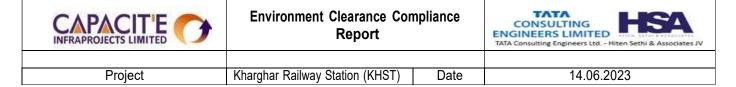


RO facility provided at site and labour camp for drinking water.



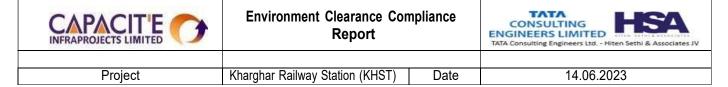
<u>Annexure: – 03:</u> All the excavated topsoil stored and used for horticulture / landscape development within the project site.





Annexure – 04: Ground water testing is being followed for water quality monitoring.



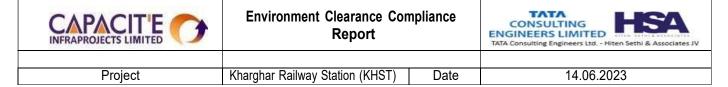


<u>Annexure – 05:</u> Construction Spoils and other hazardous material collect and dispose of in proper way to avoid water contamination.





Deep Tray Provision is being followed at site for concrete pump wash to prevent soil contamination.



Annexure - 06: The diesel generator's stack monitoring is being followed at site, conform to Environments (Protection) Rules prescribed for air and noise emission standards.



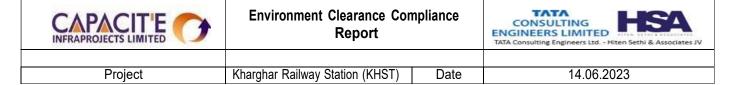


Authorized Signatory

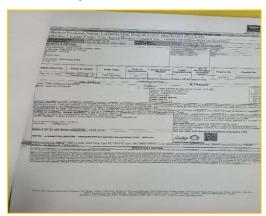
- Analysis is subject to the condition in which the samples received at our Laboratory.

 Reports cannot be used as on evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retain to one month from the date of sampling.

CORPOREE & Green Emilier (Anapushpam), Above AXIS Bark, Nr. Yash Complex Goth Main Road, Vadodara - 360 001 (Gujard (ADIA R & D TeL >61 + 255 - 27 (2001 Cell +61 93)261 58035 Emal: riftoggreencirce/mon Weodle W 1 + W See

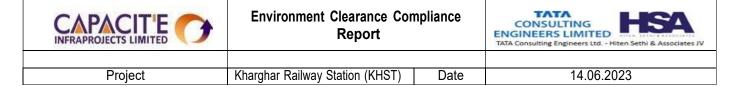


<u>Annexure – 07:</u> Good condition Vehicle used at site for bringing construction material and vehicle conform to pollution check certificate and applicable air and noise emission standards and should be operated only during non-peak hours.





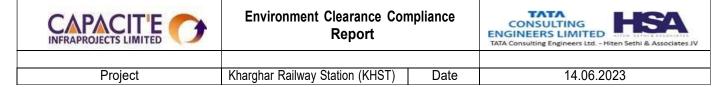




Annexure - 8: Ambient air and noise quality testing is being followed at site.







Annexure - 09: Curing Compound used to reduce the water demand during construction.

CAPACIT'E ()	CONSULTING ENGINEERS LIMITED TATA Consulting Engineers Ltd - Hiten Sethi & Associates IV	♦ CIDCO
MI	THOD STATEMENT	Doc No: MST-CIL CIDCO/42
CIDCO PM	AY PACKAGE II PROJECTS	Rev-R0
CIDCOIN	II I I I I I I I I I I I I I I I I I I	Date of Rev: 5/05/2022

METHOD STATEMENT FOR APPLICATION OF CURING COMPOUND TO RCC MEMBERS

[Make: SIKA BRAND]

Project name-"Construction of EWS/LIG type dwelling units

(Package II), CIDCO"

Contract number- C.A.No.: 01/CIDCO/CE(SP)/2019-20

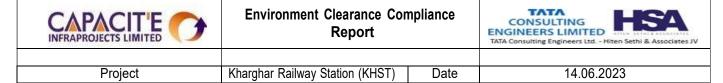
Client- CIDCO PMC- TCE-HSA JV

Contractor - CAPACIT'E INFRAPROJECT LTD

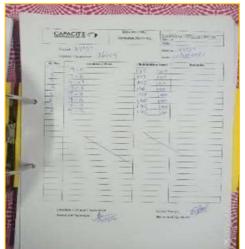
	Prepared by CIL	Reviewed by CIL	Reviewed by PMC	Approved by CIDCO
NAME	Arun Giriyan	Sunil Wagh	Ashok Salvi	
DESIGNATION	AVP-QA/QC	SR.PRESIDENT	PROJECT MANAGER	
SIGN				

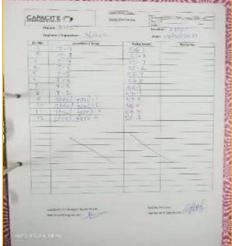




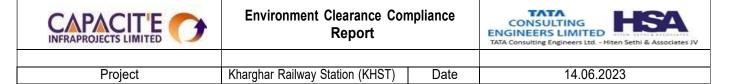


Annexure - 10: Noise Level Monitoring is being followed at site.









Annexure – 11: Vehicle parked only inside of project.