

SIX MONTHLY COMPLIANCE REPORT (JUNE TO DECEMBER 2024)
For Environmental Clearance File No: F.No.10-27/2018-IA-III
EC Identification No. EC23A029UP137802

**Compliance for Environmental Clearance for Development of New Civil Enclave at
Agra Airport (Near Air Force Base), Uttar Pradesh by Airports Authority of India.**

S. No.	Environmental Clearance Conditions	Compliance
A. Specific Conditions		
(i)	Proponent is required to adhere the Sectoral Guidelines issued by NEERI while implementing the project.	Agreed. Sectoral Guidelines issued by NEERI are being followed during construction phase.
(ii)	The entire area should be cordoned off with large tin shed (at least up to 6.0 m) so that no dust goes outside from the active area during construction phase.	During construction phase, entire area has been cordoned off so that no dust goes outside from the active area during construction phase.
(iii)	All measures should be taken as per rules for control of pollution during construction.	During construction phase, necessary measures like dust suppression measures have been taken for control of dust pollution. Septic tank followed by soak pit has been provided.
(iv)	At least 2% of moisture should be maintained all time in all materials (except construction materials, cement and other equivalent materials) including excavated material during construction phase.	Water is sprinkled to maintain moisture content in excavated earth during construction phase.
(v)	As the building construction progresses, the inside area should be covered with fine screen cloth.	Same is being followed.
(vi)	Construction activities that are likely to cause noise nuisance to nearby residents should be carried out only between 6 am to 8 pm.	Same is being followed and construction activities are carried out only between 6 am to 8 pm.
(vii)	Fresh water requirement from local authority shall not exceed 387 KLD. Extraction of ground water shall be subject to the permission of Central Ground Water Authority (CGWA).	Permission has been obtained for extraction of ground water.
(viii)	The project proponents would commission a third-party study on the	Same will be followed during operation phase.

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	implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing, and the quality of water being supplied through spray faucets attached to toilet seats.	
(ix)	The proponent shall also provide electric charging points in the parking areas for e-vehicles as committed.	Same will be followed during operation phase.
(x)	The project proponent is required to furnish a certificate from the Chief Wildlife Warden of the State that the proposed project site is located at the distance more than 10 km from boundary of the nearest protected areas. This certificate should be submitted to the concerned integrated Regional Office of the Ministry within a fortnight of issuance of the environmental clearance letter.	The project is located in the Agra City area and there is no wildlife sanctuary or national park or protected area with 10 km distance from the project.
(xi)	The proponent is required to submit report as per NEERI TTZ Guidelines of November 2022 (Box 1) within 1 month to MoEF&CC, SPCB and NEERI, Delhi.	Submitted and attached as Annexure.
(xii)	Copy of six-monthly compliance report shall also be submitted to Scientist & Head, CSIR-NEERI Delhi Zonal Centre, A-93/94, Naraina Industrial Area, Phase I, New Delhi 110 028.	Same is being followed and six-monthly compliance report are also submitted to Scientist & Head, CSIR-NEERI Delhi Zonal Centre, A-93/94, Naraina Industrial Area, Phase I, New Delhi 110028
(xiii)	The construction of the structures shall be undertaken as per the plans approved by the concerned local authorities/local administration, meticulously conforming to the existing local and central rules and regulations.	The construction of terminal building structures is being undertaken as per the approved plan.

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(xiv)	The construction material shall be obtained only from approved quarries. In case new quarries are to be opened, specific approvals from the competent authority shall be obtained in this regard.	Same is being followed and construction materials are obtained only from approved quarries.
(xv)	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities shall be complied with.	Same is being followed and water sprinkling is done for suppression of dust.
(xvi)	Vehicles hired for bringing construction materials to the site should be in good condition and should have a pollution check certificate and should be operated only during non-peak hours, as applicable.	Vehicles used for bringing construction materials are in good condition and have pollution check certificate. construction materials vehicles are operated only during non-peak hours, as applicable.
(xvii)	Ready mixed concrete must be used in building construction.	Ready mixed concrete is being used in construction workers.
(xviii)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Water demand during construction has been reduced by use of pre-mixed concrete, curing agents and other best practices referred.
(xix)	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.	Same has been complied. Construction spoils, including bituminous material and other hazardous materials, are not disposed near watercourses.
(xx)	Appropriate drainage channels need to be designed to take care of the water flow into the nearest water courses/rivers, etc. It should be ensured that sustainable water flow in the various channels of watershed in the plateau is maintained	Storm water management plan has been prepared and is being followed during construction and operation phase.
(xxi)	Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.	Same will be complied during operation phase.

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(xxii)	Water conservation fixtures shall be provided and water balance shall be maintained through verifiable metering for fresh raw water, recycled as well as rain water harvesting.	Same will be complied. Water conservation fixtures will be provided and water balance will be maintained through verifiable metering for fresh raw water, recycled as well as rain water harvesting.
(xxiii)	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.	Environment friendly materials will be used as per design provisions.
(xxiv)	Notification GSR 568 dated 18.06.2018 of MoEF&CC regarding Ambient Air Quality Standards with respect to Noise in Airport Noise Zone shall be complied with.	Agreed to comply during operation of the project.
(xxv)	Integrated Noise Model (INM) be more frequently used and mitigation undertaken during the operational phase of the project shall be recorded and reported.	Agreed to comply during operation of the project.
(xxvi)	Debris and muck management plan to be prepared and implemented so as to avoid spillage of muck and debris on the slopes.	Debris and muck generated at the site is being used at the construction site.
(xxvii)	Soil stockpile shall be managed in such a manner that dust emission and sediment runoff are minimized. Ensure that soil stockpiles are designed with no slope greater than 2:1 (horizontal/vertical).	Top soil stockpile are managed in such a manner that dust emission and sediment runoff are minimized. Top soil stockpiles are designed with the slope of 2:1 (horizontal/vertical).
(xxviii)	No tree can be felled/transplant unless exigencies demand & need to be cut with prior permission from the concerned authority efforts to be made to transplant the trees to other locations in the same	No tree will be cut without obtaining permission from competent authority.

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	vicinity by using appropriate mechanical devices which are available these days	
(xxix)	Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Where the trees need to be cut, compensatory plantation in the ratio of 1:10 (<i>i.e.</i> planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Efforts be made to plant indigenous species which are tall in size rather than small saplings. The survival rate studies on the plantation shall be done after every 3 years.	Trees are being transplanted by the forest department.
(xxx)	The plantation species in and around proposed site should be carefully chosen to avoid bird nesting and to improve pollution control and noise control measures. Water intensive and/or invasive species should not be used for landscaping.	Plantation species will be selected in consultation with horticulture.
(xxxii)	Energy conservation to the extent of at least 20% shall be incorporated, including water conservation (reuse/recycle, rainwater harvesting and water efficient fixtures) and other green building practices for various buildings proposed within the New Civil Enclave. The PP shall consider ECBC Guidelines 2009 to achieve energy efficiency. The energy conservation measures shall be subject to periodic verification by the competent Energy Conservation/ Efficiency authority in the State.	Same will be complied. Energy conservation to the extent of at least 20% will be incorporated, including water conservation (reuse/recycle, rainwater harvesting and water efficient fixtures) and other green building practices for various buildings proposed within the New Civil Enclave. AAI will follow ECBC Guidelines 2009 to achieve energy efficiency.
(xxxiii)	Adopt 'Zero Carbon Programme' both in the construction and operational phases of the proposed project.	Energy conservation measures are being followed as applicable. AAI will follow ECBC Guidelines to achieve energy efficiency.

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(xxxiii)	The project proponent shall strictly comply with the concern raised during public consultation and commitment(s) made by them in the same and recommendation(s) made by EAC in compliance to the OM as per F. No. 22-65/2017-IA.III dated 30.09.2020 issued by MoEF&CC as amended from time to time.	Same has been complied.
B. General Compliance		
I. Statutory Compliance		
(i)	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	Same is being complied. AAI is obtaining all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction will be done in accordance with the local building byelaws.
(ii)	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.	Same will be complied. Necessary approval of Competent Authority will be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
(iii)	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.	Not applicable. No forest land or diversion of Forest land is involved in the project.
(iv)	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not applicable. No National parks, protected area and Wild life sanctuaries present within 10km radius of the project site.
(v)	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water	Same will be complied. Consent to Establish has been obtained from Uttar Pradesh Pollution Control

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	(Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.	Board before start the construction and attached as annexure.
(vi)	The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.	The water requirement will be met by extracting ground water from borewell at the proposed civil enclave with the permission from CGWA.
(vii)	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	Electrical connection for the proposed Civil Enclave will be obtained by AAI from Dakshinanchal Vidyut Vitran Nigam Ltd. (DVVNL).
(viii)	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	Necessary statutory clearances such as the approvals from Chief Controller of Explosives, Fire Department, Civil Aviation Department, etc will be obtained.
(ix)	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.	Same is being complied as per provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016.
(x)	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	The AAI will follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
II. Air quality monitoring and preservation		
(i)	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.	Same will be complied.

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(ii)	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	Same is being complied and environmental management plan is being implemented.
(iii)	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.s) covering upwind and downwind directions during the construction period.	Same is being complied. Environmental monitoring for PM _{2.5} and PM ₁₀ is being carried out during construction and operation phases through NABL approved laboratory.
(iv)	Diesel power generating sets proposed as source of backup power 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 of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	Same will be complied as per TTZ guideline.
(v)	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.	Same will be complied. Construction site is adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures are being implemented.

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(vi)	Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	Same is being complied. Sand, murrum, loose soil, cement, stored on site is covered adequately to prevent dust pollution.
(vii)	Wet jet shall be provided for grinding and stone cutting.	Same is being complied.
(viii)	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Same is being complied. Unpaved surfaces and loose soil will be adequately sprinkled with water to suppress dust.
(ix)	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.	Same is being complied. Wastes are disposed as per the provision of Solid Waste Management Plan.
(x)	The diesel generator sets to be used during construction phase shall be low Sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	Same is being complied.
(xi)	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	Same is being complied.
(xii)	For indoor air quality the ventilation provisions as per National Building Code of India.	Same will be complied as mentioned.
III. Water Quality Monitoring And Preservation		

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(i)	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 rain water.	Same is being complied. The natural drain system will be maintained for ensuring unrestricted flow of water. Natural drainage will be not be obstructed.
(ii)	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	Same has been complied. Terminal building buildings has been designed to follow the natural topography as much as possible.
(iii)	Total fresh water use shall not exceed the proposed requirement as provided in the project details.	Same has been complied.
(iv)	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	Same has been complied. For irrigation of green belt, treated waste water from STP and accumulated rainwater will be available and used. At the proposed civil enclave, rainwater harvesting will be provided as per central Ground Water board guidelines.
(v)	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.	Water requirement will be met through borewell only.

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(vi)	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	Same is being complied as mentioned.
(vii)	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	Same is being complied as mentioned.
(viii)	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.	Same will be complied as mentioned. Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation have been incorporated in the building plan.
(ix)	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.	Same will be complied as mentioned. Separation of grey and black water will be done by the use of dual plumbing system.
(x)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Same will be complied as mentioned.
(xi)	Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.	Same will be complied as mentioned.
(xii)	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water	Same will be complied as mentioned.

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	recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.	
(xiii)	All recharge should be limited to shallow aquifer.	Same will be complied as mentioned.
(xiv)	No ground water shall be used during construction phase of the project.	Same is being complied as mentioned. Ground water withdrawal is allowed for infrastructure project in the area. Environmental clearance/consents from UPPCB is prerequisite for online submission of application to CGWA. Prior permission will be obtained from Central Ground Water Authority (CGWA) for proposed tube wells for withdrawal of ground water.
(xv)	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.	CGWA approval is obtained for the extraction of ground water.
(xvi)	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	Same is being complied as mentioned.
(xvii)	Sewage shall be treated in the STP with tertiary treatment.	Same will be complied as mentioned and sewage will be treated in the STP with tertiary treatment.
(xviii)	No sewage or untreated effluent water would be discharged through storm water drains.	Same will be complied as mentioned. No sewage or untreated effluent water would be discharged through storm water drains. Treated waste water from

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		STP will be used for flushing and greenery development at the proposed Civil Enclave.
(xix)	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	Same will be complied as mentioned.
(xx)	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	Same will be complied as mentioned. Periodical monitoring of water quality of treated sewage will be conducted. Necessary measures will be made to mitigate the odour problem from STP.
(xxi)	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	Same will be complied as mentioned on installation of STP during operation phase.
IV. Noise monitoring and prevention		
(i)	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules,	Same will be complied as mentioned and ambient noise levels will satisfy the CPCB standards prescribed by the board.

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	2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB	
(ii)	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Same will be complied as mentioned Noise level survey will be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
(iii)	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	Same will be complied as mentioned. Inbuilt Acoustic enclosures, will be provided to DG sets to reduce noise emission. PPE will be provided to operating personnel to reduce noise impact due to ground sources.
V. Energy Conservation Measures		
(i)	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.	Same is being complied as mentioned. Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency will be fully complied at proposed civil enclave.
(ii)	Outdoor and common area lighting shall be LED.	Same will be complied as mentioned. Automatic lighting on/ off control system will be provided in the civil enclave area for optimum utilization of energy.
(iii)	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting	Same is being complied as mentioned. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building

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	design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.	envelope, appropriate fenestration, increased day lighting design and thermal mass etc. have been incorporated in the building design. Wall, window, and roof u-values will be as per ECBC specifications.
(iv)	Energy conservation measures like installation of CFLs/LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.	Same will be complied as mentioned. Energy conservation measures like installation of CFLs/LED for the lighting the area outside the building are integral part of the project design and will be implemented before project commissioning.
(v)	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.	150 KW solar power generation plant will be established at the airport to produce clean energy before project commissioning.
(vi)	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	150 KW solar power generation plant will be established at the airport to produce clean energy before project commissioning.
VI. Waste Management		
(i)	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.	Same will be complied. Solid waste generated from the proposed project will be disposed as per Solid Waste Management Rule 2025.

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(ii)	Disposal of muck during construction phase shall 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.	Same is being complied. It is being ensured that no 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.
(iii)	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	Same is being complied. Municipal solid waste collection bins have been placed at strategic locations in the proposed civil enclave. Third party agency will be hired for disposal of solid wastes as per the provisions of the Solid Waste Management Rule, 2016.
(iv)	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg/person/day must be installed.	Same is being complied. Municipal solid waste collection bins will be placed at strategic locations in the proposed civil enclave. Third party agency will be hired for disposal of solid wastes as per the provisions of the Solid Waste Management Rule, 2016.
(v)	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	Same will be complied. Municipal solid waste collection bins will be placed at strategic locations in the proposed civil enclave. Third party agency will be hired for disposal of solid wastes as per the provisions of the Solid Waste Management Rule, 2016.
(vi)	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Same will be complied. Used oil generated from the maintenance of power generator sets.
(vii)	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material	Same is being complied.

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	quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.	
(viii)	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.	Same is being complied as per design requirement.
(ix)	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.	Same will be complied. It is green field project; therefore, no demolition will be generated.
(x)	Used 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.	Same will be complied.
VII. Green Cover		
(i)	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	Same is being complied and required regulatory permissions are being obtained for felling of trees.
(ii)	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable.	Same will be complied.

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	Water intensive and/or invasive species should not be used for landscaping.	
(iii)	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.	Same will be complied and required regulatory permissions are being obtained for felling of trees.
(iv)	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	Same has been complied. Top soil has been stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
VIII. Transport		
(i)	<p>A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.</p> <ul style="list-style-type: none"> • Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. • Traffic calming measures. • Proper design of entry and exit points. • Parking norms as per local regulation. 	<p>Traffic management plan has been prepared and to be implemented during operation of civil enclave.</p> <p>Parking have been provided as per norms for smooth flow of traffic.</p>
(ii)	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution	Same is being complied. Pollution check certificate/pollution under control certificates are available for all vehicles.

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	check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.	During construction phase, preventive maintenance will be carried out for vehicles and pollution check will be mandatory on periodic basis all the vehicles approaching to the construction site.
(iii)	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	Traffic management plan has been prepared and to be implemented during operation of civil enclave. Parking have been provided as per norms for smooth flow of traffic.
IX. Human Health Issues		
(i)	All workers working at the construction site and involved in loading, unloading, carriage of construction materials and construction debris or working in any area with dust pollution shall be provided with dust mask.	Same is being complied. Dust-proof masks have been provided to personnel working in areas with high dust levels
(ii)	For indoor air quality the ventilation provisions as per National Building Code of India.	Same will be complied during operation phase of terminal building at the proposed Civil Enclave. The ventilation in terminal building will as per

S. No.	Environmental Clearance Conditions	Compliance
		provisions of National Building Code of India.
(iii)	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Same will be complied. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan will be implemented.
(iv)	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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Same are being complied. Fuel for cooking, mobile toilets, safe drinking water, medical health care, etc are being complied.
(v)	Occupational health surveillance of the workers shall be done on a regular basis.	Same are being complied during construction and operation phases. Occupational health surveillance of the workers is being done.
(vi)	A First Aid Room shall be provided in the project both during construction and operations of the project.	Same is being complied during construction phase.
X. Miscellaneous		
(i)	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed	The copy of same is not available. The environmental clearance for the proposed project will be published in two news-papers.
(ii)	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the	The copies of the environmental clearance were submitted as required.

S. No.	Environmental Clearance Conditions	Compliance
	Government who in turn has to display the same for 30 days from the date of receipt.	
(iii)	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Six monthly yearly compliance report of the stipulated environment clearance conditions is being submitted including results of monitored data on their website.
(iv)	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Six-monthly reports on the status of the compliance of the stipulated environmental conditions will be uploaded on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
(v)	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Airports Authority of India has Environmental Policy signed on 16/08/2022 (Attached as Annexure).
(vi)	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who	Compiled.

S. No.	Environmental Clearance Conditions	Compliance
	will directly report to the head of the organization.	
(vii)	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report	Same will be complied.
(viii)	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Same will be complied during operation of the civil enclave.
(ix)	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Same will be complied on commencement of op .
(x)	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Same is being complied.
(xi)	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that	Same is being complied. AAI is following the recommendations made in the EIA and EMP report.

S. No.	Environmental Clearance Conditions	Compliance
	during their presentation to the Expert Appraisal Committee.	
(xii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).	Same is complied. For extension of runway, proposal has been submitted for obtaining environmental clearance.
(xiii)	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted and same will be complied.
(xiv)	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted and same will be complied.
(xv)	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted and same will be complied.
(xvi)	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data/information/ monitoring reports.	Noted and same will be complied.
(xvii)	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High	Noted and being complied.

S. No.	Environmental Clearance Conditions	Compliance
	Courts and any other Court of Law relating to the subject matter.	
(xviii)	Any appeal against the EC shall lie within the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010	Noted.

भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India

AAI/Project/NTB/Agra/2024/280

Date: 27.11.2024

To,
Member Secretary,
Uttar Pradesh Pollution Control Board
Gomti Nagar, Lucknow-226010

Name of work: Development of New Civil Enclave at Agra Airport.

SH: Construction of New Integrated Terminal Building and Allied Works on Engineering Procurement and Construction (EPC) Mode.

Sub: Change of name in CTE -reg.

Sir,

With regard to above subject matter, it is observed that the CTE has been issued in the name of Shri Tribhawn Nath, M/s KSMB Globe Projects JV, AAI, Agra project which is not fulfilling the required criteria of Airports Authority of India. The same shall be issued in the name of "Airports Authority of India, Agra Airport, Agra". If any charge is required may kindly intimate to the undersigned.

The details of earlier application are as follows: -

Application form no. 27573601 dated 03.08.2024

Application ID: 27573601 dated 01.10.2024

Category: RED

Ref. no 218061/UPPCB/ AGRA (UPPCBRO)/CTE/AGRA/2024

Validity period: 03.09.2024 to 02.09.2029.

Prompt action in this regard is highly appreciated.

Regards,



(Dilip kumar)

Astt. Gen. Manager (E-C)

Agra Airport, Agra

E-mail: dilip69@aai.aero

Add: AAI Agra Project Site,

Mullah Ki Pyau, Jagner Road,

Agra, 282008

Change of name in CTE-reg.

Dilip Kumar

27-11-2024

<ms@uppcb.in>; roagra@uppcb.in <roagra@uppcb.in>;

Chandra Srivastava <s.anoop@AAI.AERO>; Neeraj Gupta <gupta_neeraj@AAI.AERO>; Rameshwar Gautam
gautam@AAI.AERO>; Govind Gopal Dadhich <govind.d@AAI.AERO>; ksmbashir.09@gmail.com <ksmbashir.09@gmail.com>;

Subject:

Project-NTB-Agra-2024-280.pdf;

ir,

Please find the enclosed letter no. AAI/Project/NTB/Agra/2024/280 for your perusal and necessary action.

सादर/Regard,

दिलीप कुमार / Dilip Kumar

सहायक महाप्रबन्धक(अभि-सि०)/ Asst. Gen. Manager (E-C)

भारतीय विमानपत्तन प्राधिकरण, / Airports Authority of India

आगरा एयरपोर्ट / Agra Airport



UTTAR PRADESH POLLUTION CONTROL BOARD
Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010
Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppecb.com, Website: www.uppcb.com

Validity Period :03/09/2024 To 02/09/2029

Category : RED

Ref No. - 218061/UPPCB/Agra(UPPCBRO)/CTE/AGRA/2024

Application Id : 27573601

Dated:- 01/10/2024

To .

Shri TRIBHUWN NATH
M/s KSMB Globe Projects JV
AAI Agra project, Mulla Ka Pyau, Jagner Road, AGRA, 282008
AGRA

Sub : Consent to Establish for New Unit/Expansion/Diversification under the provisions of Water (Prevention and control of pollution) Act, 1974 as amended and Air (Prevention and control of Pollution) Act, 1981 as amended.

Please refer to your Application Form No.- 27573601 dated - 03/08/2024. After examining the application with respect to pollution angle, Consent to Establish (CTE) is granted subject to the compliance of following conditions :

1. Consent to Establish is being issued for following specific details :

A- Site along with geo-coordinates : AAI Agra project, Mulla Ka Pyau, Jagner Road, AGRA, 282008

B- Main Raw Material :

Main Raw Material Details		
Name of Raw Material	Raw Material Unit Name	Raw Material Quantity
Building construction material as Cement, Agregate, flyash, sand, steel etc	Metric Tonnes/Day	

C- Product with capacity :

Product Detail	
Name of Product	Product Quantity
Development of New Civil Enclave at Agra Airport	0

D- By-Product if any with capacity :

By Product Detail			
Name of By Product	Unit Name	Licence Product Capacity	Install Product Capacity

2. Water Requirement (in KLD) and its Source :

Source of Water Details		
Source Type	Name of Source	Quantity (KL/D)

3. Quantity of effluent (In KLD) :

Effluent Details	
Source Consumption	Quantity (KL/D)
Domestic	300.0

4. Fuel used in the equipment/machinery Name and Quantity (per day) :

Fuel Consumption Details		
Fuel	Consumption(tpd/kld)	Use

5. For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

2. You are directed to furnish the progress of Establishment of plant and machinery, green belt Effluent Treatment Plant and Air pollution control devices, by 10th day of completion of subsequent quarter in the Board.

3. Copy of the work order/purchase order, regarding instruction and supply of proposed Effluent Treatment Plant/Sewerage Treatment Plant /Air Pollution control System shall be submitted by the industry till 02/09/2029 to the Board.

4. Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and control of Pollution) Act, 1981 from the Board.

5. It is mandatory to submit Air and Water consent Application, complete in all respect, four months before start of operation, to the U.P. Pollution Control Board.

6. Legal action under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 may be initiated against the industry With out any prior information, in case of non compliance of above conditions.

Specific Conditions:

Scope Projects JV, AAI Agra project, Mulla Ka Pyau, Jagner
Development of New Civil Enclave at Agra Airport (Near Air
India.

Conditions of Environmental Clearance vide letter No.- 10-
d by Ministry of Environmental, Forest and Climate Change

Obtain a No Objection Certificate from State Ground Water
and water.

for measurement of ground water level and the data generated
to the SPCB on monthly basis.

the provisions of Environment (Protection) Act 1986, Water
(Pollution) Act, 1974 as amended, Air (Prevention and Control of

the provisions of Construction & Demolition Rules 2016 and MSW

Installation and maintenance of the Sewage Treatment Plant (STP) for
as per the project report submitted to ensure the compliance of
Environment (protection) Act 1986. The STPs treated waste water will
ery and landscaping. No treated waste water will be discharged

board size 4x6 feet shall be installed to display the provisions of
rules, 2016.

Directions given by Hon'ble Supreme Court, High Court, TTZ
tribunals, Central Pollution Control Board and Uttar Pradesh Pollution
and safeguard of environment from time to time.

(Regulation and Control) Rule 2000, the project shall take adequate
from its own sources within the premises so as to maintain ambient air
noise to less than 75 dB(A) during day time and 70 dB(A).
Gaseous emission & sewage generation without prior consent of the

the construction sites will be completely controlled and all precautions
per order of Hon'ble Supreme Court dated 13-01-2020 will be installed

the Hazardous Waste through authorized recyclers/TSDF.
the ground water in construction activities. Only STP treated water shall be

Construction material particularly sand will not be done on any part of street and
The construction material of any kind stored on site will be fully covered
dispersed in the air in any form. The dust emission from the
controlled and all precautions will be taken in that behalf.
carried in trucks or vehicles which are fully covered
Construction material does not get

Chief Environmental Officer,
Circle-

Dated:- 01/10/2024

Copy To -

Regional Officer, U.P. Pollution Control Board, Agra

Chief Environmental Officer,
Circle-



मिशन LIFE - पर्यावरण के लिए जीवन शैली

(Lifestyle For Environment)

जनसहभागिता का सन्देश



स्वच्छता - देशमेवा में अपने परिवेश की स्वच्छता हेतु अपना सक्रिय योगदान मुनिश्चिन करें

संकल्प लें - एकल उपयोग प्लास्टिक उत्पाद जैसे कप, तश्तरी, चम्मच, स्ट्रॉ, डेयगवडूम आदि का उपयोग न हो एवं पर्यावरण अनुकूल विकल्पों जैसे कागज/पत्तों से बने दोने या कटलरी को प्राथमिकता दी जाय।

एकल उपयोग प्लास्टिक उत्पाद के प्रयोग को रोकने एवं प्लास्टिक बैग के बजाय कपड़े के थैले का उपयोग करने मात्र से 375 मिलियन टन टोस (प्लास्टिक) कचरे का उत्सर्जन बचाया जा सकता है

चक्रीय अर्थव्यवस्था (सर्कुलर इकोनॉमी) का समुचित कार्यान्वयन वर्ष 2030 तक लगभग 14 लाख करोड़ रुपये की अतिरिक्त वचत उत्पन्न कर सकता है। वेस्ट/अपशिष्ट फेकने के पूर्व सोचें, ये किमी का संसाधन तो नहीं ...?

अनुपयोगी इलेक्ट्रिक / इलेक्ट्रॉनिक उत्पाद को कचरे में फेकने से रुकें। इसके उपयुक्त निस्तारण हेतु इसे प्राधिकृत ई-वेस्ट रीसाइकलर को दें। प्राधिकृत ई-रीसाइकलिंग इकाई में अनुपयोगी इलेक्ट्रिक / इलेक्ट्रॉनिक उत्पाद को देने मात्र से 0.75 मिलियन टन तक ई-कचरे का पुनर्चक्रण किया जा सकता है एवं ई-कचरे के विषम पर्यावरणीय दुप्रभाव से बचा जा सकता है

बाहर जाने समय - सोचें कि क्या आपको वास्तव में परिवहन की आवश्यकता है - वह भी क्या व्यक्तिगत रूप में? छोटी दूरी के लिए पैदल चलना पसंद करें, अथवा सम्भव हो तो कार पूल के रूप में संसाधन को साझा करें अथवा सार्वजनिक परिवहन पर विचार करें

घरेलू स्तर पर कम से कम टोस अपशिष्ट का उत्सर्जन करें और इनका प्रथाक्रीकरण करें

उपयोगी शेष खाद्य सामग्री आपके स्वयं प्रयास अथवा निकटस्थ सक्रिय स्वयं सेवी संस्थाओं की सहायता से समाज के वंचित वर्ग तक पहुंचाई जा सकती है। वहीं अनुपयोगी भोजन/खाद्य सामग्री को कंपोस्ट (वर्मी कम्पोस्ट) करने से 15 अग्र टन भोजन को नष्ट होने से बचाया जा सकता है

ध्यान रखें - उपयुक्त नल और शावर के उपयोग से पानी की खपत को 30 - 40% तक कम किया जा सकता है। एवं उपयोग में न होने पर नलों को बंद रखने मात्र से 9 ट्रिलियन लीटर पानी बचाया जा सकता है

ट्रैफिक लाइट/रेलवे क्रॉसिंग पर कार/स्कूटर के इंजन बंद करने मात्र से 22.5 बिलियन kWh तक ऊर्जा की वचत हो सकती है

परम्परागत बल्ब के स्थान पर CFL का उपयोग बिजली की खपत में प्रभावी कमी लाते हैं। उपयोग में न होने पर बिजली उपकरणों को बंद करें। स्टार रेटेड विद्युत उपकरणों के उपयोग को प्राथमिकता दें

हमारे द्वारा अपनी जीवन शैली की प्राथमिकताओं का उचित और पर्यावरण अनुकूल पुनर्निर्धारण समाज और पर्यावरण के प्रति हमारा दायित्व है।



AIRPORTS AUTHORITY OF INDIA

ENVIRONMENT POLICY

Airports Authority of India (AAI) being the sole Air Navigation Service (ANS) provider and operator of majority of Indian Airports is consistently and continuously honoring Corporate Social Responsibility (CSR) and is committed to Green House Gas (GHG) management and emission reduction to support India's Nationally Determined Contributions (NDCs) for reduction of adverse impact on society, community and ecosystem. AAI is adopting "Panchamrit Mantra", declared by Hon'ble Prime Minister in Glasgow Summit COP-26 to ensure greener, cleaner and healthier environment for generations to come.

As a part of this policy, AAI is committed to reduce carbon intensity in a phased manner and achieve the goal of carbon neutrality and net-zero emissions by implementation of suitable measures including but not limited to:

- Optimizing energy consumption by enacting energy efficiency and conservation measures including maximizing the usage of affordable green and renewable energy resources
- Reducing the fossil fuel consumption by promoting and adopting alternative greener fuels and ensuring judicious and deliberate use of natural resources.
- Integrating net-zero building design concepts and optimum usage of eco-friendly and biodegradable products without compromising structural integrity requirements and safety standards.
- Integrating sustainable transportation technologies and strategies with use of Electric and Hybrid vehicles.
- Implementing sustainable waste-management practices and appropriate disposal.
- Conserving natural resources by inculcating the culture of refuse, reduce, reuse, repurpose and recycle.
- Implementing water conservation through rain water harvesting, waste water reclamation and other emerging practices to reduce wastage.
- Documenting and quantifying GHG resources and mitigating carbon footprint by adopting best and technologically advanced procedures and implementing best industry practices in vogue.
- Monitoring air-quality and implementing best practices in vogue to improve indoor air quality at airport terminals.
- Implementing/Adopting best Air Traffic Management facilities, practices and procedures.
- Directing, educating, sensitizing, motivating and imparting training to all employees and stakeholders to enable them to understand desired behavior towards environment health.
- Fulfilling all applicable environmental compliance obligations.

AAI is dedicated for upholding this policy with responsibility and strives to periodically review the same in-line with emerging requirements and practices.


(Sanjeev Kumar)
Chairman, AAI
Dated: 16/08/2022

ISSUED TO:

M/s. Airports Authority of India
Agra Airport, Agra, Uttar Pradesh.

TEST REPORT

Report Number	: ABCTL/EIA/2024/09/AAQ1-AAQ2
Sample Drawn by	: ABC Techno Labs India Private Limited
Sample Description	: Ambient Air Quality Monitoring (24 Hourly)
Project Site	: Development of New Civil Enclave at Agra Airport (Near Air Force Base), Uttar Pradesh by Airports Authority of India.
Date of Sampling	: 16-09-2024 TO 17-09-2024
Date of Receipt	: 19-09-2024
Date of Analysis	: 20-09-2024
Date of Completion	: 26-09-2024
Report Date	: 27-09-2024
Location of sampling	: AAQ1- Kheria (Southern Side of Airport) AAQ2- Patholi(Western Side of Airport)

S. No.	Parameters	AAQ1	AAQ2	Test Method	Limits*
1	Particulate Matter size less than 10- μm (PM_{10}), $\mu\text{g}/\text{m}^3$	130	125	IS 5182 Part 23	100
2	Particulate Matter size less than 2.5- μm ($\text{PM}_{2.5}$), $\mu\text{g}/\text{m}^3$	73	67	40 CFR Appendix L Part 50	60
3	Sulphur Dioxide (SO_2), $\mu\text{g}/\text{m}^3$	7.56	7.06	IS 5182 Part 2	80
4	Nitrogen Dioxide (NO_2), $\mu\text{g}/\text{m}^3$	22.1	17.9	IS 5182 (Part- 6):2018	80
5	Ozone (O_3), $\mu\text{g}/\text{m}^3$	16.4	14.5	ABCTL/SOP/A/07 (Issue No:03, Dated 02-06.2023)	100
6	Lead (Pb), $\mu\text{g}/\text{m}^3$	BDL (<0.1)	BDL (<0.1)	IS 5182 Part 22	1
7	Carbon Monoxide (CO), mg/m^3	BDL (<1)	BDL (<1)	IS 5182 Part 10	2
8	Ammonia (NH_3), $\mu\text{g}/\text{m}^3$	BDL (<5)	BDL (<5)	ABCTL/SOP/A/05 (Issue No:01, Dated 02-06.2023)	400
9	Benzene (C_6H_6), $\mu\text{g}/\text{m}^3$	BDL (<0.1)	BDL (<0.1)	IS 5182 Part 11	5
10	Benzo (a) Pyren -Particulate Phase only, ng/m^3	BDL (<0.1)	BDL (<0.1)	ABCTL/SOP/10 Issue No:02, Dated 01-06.2023	1
11	Arsenic (As), ng/m^3	BDL (<1.0)	BDL (<1.0)	ABCTL/SOP/10 Issue No:02, Dated 01-06.2023	6
12	Nickel (Ni), ng/m^3	BDL (<1.0)	BDL (<1.0)	ABCTL/SOP/A12-Issue No.02, Date: 02.06.2023	20

BDL- Below Detection Limit

*National Ambient Air Quality Standards prescribed by Ministry of Environment and Forests, Government of India vide Gazette Notification G.S.R. 826(E) dated 18.11.2009

R.Sivakumar
Assistant Manager



.....End of Report.....



A. Robson Chinnadurai
Technical Manager-Lab

Verified by

Authorised Signatory

Terms and Conditions :

• The test results relate only to the items tested. • The test report shall not be reproduced in full or part without the written approval of ABCTL. • The test items will not be retained for more than 15 days from the date of issue of test report for Non-Perishable samples and in the case of Perishable samples test items will be retained for 7 days after date of issue of report or as per customer requirement. • The laboratory's responsibility under this report is limited to proven willful negligence and will in no case be more than the invoiced amount. • The test report is issued for the purpose of identifying the characteristic and not intended to use for any publicity / litigation purpose.

ISSUED TO:

M/s. Airports Authority of India
Agra Airport, Agra, Uttar Pradesh.

TEST REPORT

Report Number	: ABCTL/EIA/2024/09/AAQ3-AAQ4
Sample Drawn by	: ABC Techno Labs India Private Limited
Sample Description	: Ambient Air Quality Monitoring (24 Hourly)
Project Site	: Development of New Civil Enclave at Agra Airport (Near Air Force Base), Uttar Pradesh by Airports Authority of India.
Date of Sampling	: 16-09-2024 TO 17-09-2024
Date of Receipt	: 19-09-2024
Date of Analysis	: 20-09-2024
Date of Completion	: 26-09-2024
Report Date	: 27-09-2024
Location of sampling	: AAQ3-Murli Vihar Colony, Deoretha (Northern Side of Airport) AAQ4- Syam Nagar (Eastern Side of Airport)

S. No.	Parameters	AAQ1	AAQ2	Test Method	Limits*
1	Particulate Matter size less than 10- μm (PM_{10}), $\mu\text{g}/\text{m}^3$	146	131	IS 5182 Part 23	100
2	Particulate Matter size less than 2.5- μm ($\text{PM}_{2.5}$), $\mu\text{g}/\text{m}^3$	85	79	40 CFR Appendix L Part 50	60
3	Sulphur Dioxide (SO_2), $\mu\text{g}/\text{m}^3$	7.89	8.63	IS 5182 Part 2	80
4	Nitrogen Dioxide (NO_2), $\mu\text{g}/\text{m}^3$	23.4	24.7	IS 5182 (Part-6):2018	80
5	Ozone (O_3), $\mu\text{g}/\text{m}^3$	16.9	17.3	ABCTL/SOP/A/07 (Issue No:03, Dated 02-06.2023)	100
6	Lead (Pb), $\mu\text{g}/\text{m}^3$	BDL (<0.1)	BDL (<0.1)	IS 5182 Part 22	1
7	Carbon Monoxide (CO), mg/m^3	BDL (<1)	BDL (<1)	IS 5182 Part 10	2
8	Ammonia (NH_3), $\mu\text{g}/\text{m}^3$	BDL (<5)	BDL (<5)	ABCTL/SOP/A/05 (Issue No:01, Dated 02-06.2023)	400
9	Benzene (C_6H_6), $\mu\text{g}/\text{m}^3$	BDL (<0.1)	BDL (<0.1)	IS 5182 Part 11	5
10	Benzo (a) Pyren -Particulate Phase only, ng/m^3	BDL (<0.1)	BDL (<0.1)	ABCTL/SOP/10 Issue No:02, Dated 01-06.2023	1
11	Arsenic (As), ng/m^3	BDL (<1.0)	BDL (<1.0)	ABCTL/SOP/10 Issue No:02, Dated 01-06.2023	6
12	Nickel (Ni), ng/m^3	BDL (<1.0)	BDL (<1.0)	ABCTL/SOP/A12-Issue No.02, Date: 02.06.2023	20

BDL- Below Detection Limit

*National Ambient Air Quality Standards prescribed by Ministry of Environment and Forests, Government of India vide Gazette Notification G.S.R. 826(E) dated 18.11.2009

.....End of Report.....

R.Sivakumar
Assistant Manager



A. Robson Chinnadurai
Technical Manager-Lab

Verified by

Authorised Signatory

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ABCTL/FRM/QA/125 B Issue No.1 Dt.25.04.2023

ISSUED TO:

M/s. Airports Authority of India
Agra Airport, Agra, Uttar Pradesh.

TEST REPORT

Report Number	:	ABCTL/EIA/2024/09/N1-N4
Sample Description	:	Noise Level Monitoring
Project Site	:	Development of New Civil Enclave at Agra Airport (Near Air Force Base), Uttar Pradesh by Airports Authority of India.
Date of Sampling	:	16-09-2024 TO 17-09-2024
Date of Receipt	:	19-09-2024
Date of Analysis	:	27-09-2024

Page 1 of 1

S.No	Sampling location	Lday [dB(A)]	Lnight [dB(A)]
1	Kheria (Southern Side of Airport)	58.6	48.2
2	Patholi(Western Side of Airport)	54.2	45.7
3	Murli Vihar Colony, Deoretha (Northern Side of Airport)	60.4	48.9
4	Syam Nagar (Eastern Side of Airport)	61.1	49.1

Method: IS: 9989-1981(Reaff: 2023)-Ambient

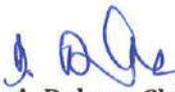
Ambient Noise Standards

Classification of Area	Lday [dB(A)]	Lnight [dB(A)]
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

.....End of Report.....




R. Sivakumar
Assistant Manager


A. Robson Chinnadurai
Technical Manager-Lab

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ABCTL/FRM/QA/125 B Issue No.1 Dt.25.04.2023

ISSUED TO:

M/s. Airports Authority of India
Agra Airport, Agra, Uttar Pradesh.

TEST REPORT

Report Number	:	ABCTL/EIA/2024/09/GW1
Sample Drawn by	:	ABC Techno Labs India Private Limited
Sampling Method	:	IS: 3025 Part 1 – 1987 & IS: 1622 -1981
Sample Description	:	Ground Water (Near Project Site - Kheria)
Project Site	:	Development of New Civil Enclave at Agra Airport (Near Air Force Base), Uttar Pradesh by Airports Authority of India.
Date of Sampling	:	17-09-2024
Date of Receipt	:	19-09-2024
Date of Analysis	:	20-09-2024
Date of Completion	:	26-09-2024
Report Date	:	27-09-2024

Page 1 of 2

S. No.	Parameter	Unit	Results	Test procedure	Acceptable limit as per IS 10500 : 2012
1	Colour	Hazen	<1	IS 3025 (part 4) 2021	5
2	Odour	-	No Odour Observed	IS 3025(part 5)-2018	Agreeable
3	Turbidity	NTU	0.7	IS 3025(part 10)2023	1
4	pH at 25 °C	-	7.78	IS 3025(part 11)2022	6.5-8.5
5	Conductivity at 25 °C	µS/cm	1814	IS 3025 (part 14) 2013(RA 2019)	Not Specified
6	Total dissolved solids	mg/l	1103	IS :3025 Part 16-2023	500
7	Total Suspended solids	mg/l	<2	IS :3025 Part 17-2022	Not Specified
8	Total Alkalinity as CaCO ₃	mg /l	410	IS : 3025 Part 23-2023	200
9	Total Hardness as CaCO ₃	mg/l	580	IS : 3025 Part 21-2009	200
10	Calcium as Ca	mg/l	156	IS:3025 Part 40-1991(Reaff: 2019)	75
11	Magnesium as Mg	mg/l	46	APHA 24 th EDN -3500 Mg B	30
12	Chloride as Cl ⁻	mg/l	323	IS :3025 Part 32-1988(Reaff: 2019)	250
13	Sulphate as SO ₄	mg/l	89	APHA 24 th EDN -4500-SO ₄ ²⁻ E	200
14	Nitrate as NO ₃	mg/l	5	APHA 24 th EDN -4500- NO ₃ - B	45
15	Iron as Fe	mg/l	0.19	IS 3025(part 53)1987(Reaff: 2019)	1
16	Manganese as Mn	mg/l	BDL(<0.02)	APHA 24 th EDN -3111 B	0.10
17	Fluoride as F	mg/l	0.48	APHA 24 th EDN -4500-F B&D	1.00

Contd....

R.Sivakumar
Assistant Manager



A. Robson Chinnadurai
Technical Manager-Lab

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ISSUED TO:

M/s. Airports Authority of India
Agra Airport, Agra, Uttar Pradesh.

TEST REPORT

Page 2 of 2

Report No	:	ABCTL/EIA/2024/09/GW1
Sample Description	:	Ground Water (Near Project Site - Kheria)
Date of Report	:	27-09-2024

S. No.	Parameter	Unit	Results	Test procedure	Acceptable limit as per IS 10500 : 2012
18	Sodium as Na	mg/l	201	IS : 3025 Part 45-1993 (Reaff:2019)	Not Specified
19	Potassium as K	mg/l	4.3	IS : 3025 Part 45 -1993 (Reaff:2019)	Not Specified
20	Barium as Ba	mg/l	BDL(<0.1)	APHA 24 th EDN -3111 D	0.7
21	Residual Free Chlorine	mg/l	BDL(<0.1)	APHA 23 th EDN -4500-CI B	0.20
22	Aluminium as Al	mg/l	BDL(<0.03)	APHA 24 th EDN 3500 Al B	0.03
23	Cadmium as Cd	mg/l	BDL(<0.003)	APHA 24 th EDN -3111 B	0.003
24	Lead as Pb	mg/l	BDL(<0.01)	APHA 24 th EDN -3113 B	0.01
25	Copper as Cu	mg/l	BDL(<0.03)	APHA 24 th EDN -3111 B	0.05
26	Zinc as Zn	mg/l	0.10	APHA 24 th EDN -3111 B	5.00
27	Total Chromium as Cr	mg/l	BDL(<0.03)	APHA 24 th EDN -3111 B	0.05
28	Arsenic as As	mg/l	BDL(<0.01)	APHA 24 th EDN -3113 B	0.01
29	Cyanide as CN	mg/l	BDL(<0.02)	APHA 24 th EDN -4500-CN E	0.05
30	Selenium as Se	mg/l	BDL(<0.01)	APHA 24 th EDN -3113 B	0.01
31	Mercury as Hg	mg/l	BDL(<0.001)	APHA 24 th EDN -3112 B	0.001
32	Anionic Surfactants as MBAS	mg/l	BDL(<0.025)	APHA 24 th EDN 5540 C	0.20
33	Phenolic Compounds as Phenol	mg/l	BDL(<0.001)	APHA 24 th EDN 5530 B,C	0.001
34	Pesticides	mg/l	Absent	APHA 24 th EDN -6630 B, C	Absent

Microbiology Parameters:

35	Total coliforms	MPN/100ml	<2	IS-1622-1981 (Reaff -2019)	Absent/100ml
36	E.coli	MPN/100ml	<2	IS-1622-1981 (Reaff-2019)	Absent/100ml

BDL- Below Detection Limit

R.Sivakumar
Assistant Manager



...End of report...



A. Robson Chinnadurai
Technical Manager-Lab

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ISSUED TO:

M/s. Airports Authority of India
Agra Airport, Agra, Uttar Pradesh.

TEST REPORT

Report Number	:	ABCTL/EIA/2024/09/S1
Sample Drawn by	:	ABC Techno Labs India Private Limited
Sample Description	:	Soil Analysis (Near Project Site - Patholi)
Project Site	:	Development of New Civil Enclave at Agra Airport (Near Air Force Base), Uttar Pradesh by Airports Authority of India.
Date of Sampling	:	17-09-2024
Date of Receipt	:	19-09-2024
Date of Analysis	:	20-09-2024
Date of Completion	:	26-09-2024
Report Date	:	27-09-2024

Page 1 of 1

S.No	Parameters	Test Methods	Results
1	pH	IS-2720(Part 26)1987(RA 2021)	8.10
2	Bulk Density, g/cc	FAO Chapter 3, ABCTL/SOIL/SOP 1	1.27
3	Electrical Conductivity, mS/cm	IS -14767:2000 (RA 2021)	0.329
4	Total Nitrogen as N, kg/ha	IS -14684:1999, Reaff:2019	244
5	Available Phosphorous as P, kg/ha	FAO Chapter 3, ABCTL/SOIL/SOP 2	63.1
6	Available Potassium as K, kg/ha	FAO Chapter 3, ABCTL/SOIL/SOP 7	378
7	Exchangeable Calcium as Ca, m.eq/100g	FAO Chapter 3, ABCTL/SOIL/SOP 4	21.1
8	Exchangeable Magnesium as Mg, m.eq/100g	FAO Chapter 3, ABCTL/SOIL/SOP 5	6.36
9	Exchangeable Sodium as Na, m.eq/100g	FAO Chapter 3, ABCTL/SOIL/SOP 6	2.24
10	Organic matter (%)	IS 2720 (Part 22):1972, Reaff:2020	1.12
11	Sodium Absorption Ratio	ABCTL/SOP/S20	1.91
12	Texture Classification	ABCTL/SOP/S21 Issue No.1 Date 20.05.2023	Clay Loam
13	Sand (%)		34.5
14	Clay (%)		35.2
15	Silt (%)		30.3

....End of report....


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Assistant Manager




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ABCTL/FRM/QA/125 B Issue No.1 Dt.25.04.2023



भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India

AAI/Project/NTB/Agra/2025/ 2654.

Date:08.07.2025

To

The Scientist & Head,
CSIR-NEERI Delhi Zonal Centre,
A-93/94, Naraina Industrial Area,
Phase I, New Delhi 110 028

Sub: Submission of Six-monthly Compliance Report (June to December 2024)-
Environmental Clearance for Development of New Civil Enclave at Agra Airport
(Near Air Force Base), AAI – Reg.

Ref: Environmental Clearance F. No 10-27/2018-1A-III dated 04.12.2023.

Sir,

This is with reference to the Environmental Clearance granted for the *Development of New Civil Enclave at Agra Airport (near Air Force Base), Uttar Pradesh* by the Airports Authority of India.

We hereby submit the Six-Monthly Compliance Report for the conditions stipulated in the aforementioned Environmental Clearance, covering the period June to December 2024.

It is requested to acknowledge the receipt of the same.

सादर ,

(दिलीप कुमार)
उप महाप्रबंधक (इंजी.-सिविल)
न्यू सिविल एन्क्लेव परियोजना
आगरा विमानतल, आगरा (उ.प्र.)