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View Half Yearly Compliance Report at Project Proponent

Proposal Details

Proposal No

IA/UP/MIS/74694/2018

Category

INFRA-2

Name of Project

Development Of Greenfield Jewar International Airport Phase I & II, Gautam Budhh Nagar, Uttar Pradesh

Plot / Survey/ Khasra No.**Village(s)****Sub-District(s)****State**

UTTAR PRADESH

District

GAUTAM◆BUDDHA◆NAGAR

MoEF File No

10-31/2018-IA-III

Name of the Entity/**Corporate Office**

DIRECTORATE OF CIVIL AVIATION, GOVT. OF UP

Entity's PAN

*****EQUIRED

Entity Name as per PAN

DIRECTORATE OF CIVIL AVIATION, GOVT. OF UP

Entity details mentioned above is correct ?

Agree

Covering Letter

Covering Letter

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Compliance Reporting Details

Reporting Year

2025

Reporting Period

01 Dec(01 Apr - 30 Sep)

Remark(if any)

Details of Production and Project Area

Date of Commencement of Project/Activity

01-12-2025

		Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	0		0
Revenue Land	0		0
Forest	0		0
Others	1334		1334
Total	1334		1334

Land Documents

NA

Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	CTO ID	Valid Up To	Production during last financial year
1	NOT APPLICABLE	Others:NOT APPLICABLE	NOT APPLICABLE			null	NOT APPLICABLE

Conditions

Specific Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance, Remarks / Reason and Supporting Documents	
1	MISCELLANEOUS	<p>1. As proposed, Environmental Clearance is for 'Development of Greenfield 'Jewar International Airport' Phase-I & II, Gautam Buddha Nagar, Uttar Pradesh by M/s Directorate of Civil Aviation, Government of Uttar Pradesh</p> <p>2. The land acquisition/ purchase shall be in conformity to the LARR Act, 2013 and any other laws and regulations governing land acquisition</p> <p>3. Clearance from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) for safety and project facilities shall be obtained</p> <p>4. Consent to Establish/ Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of</p>	PPs Submission	<p>1. EC granted for Phase I AND II development of Greenfield Jewar International Airport. 2. Land acquisition has been carried out in conformity with provisions of the LARR Act, 2013. (Refer Annexure 02). 3. Inspections are undergoing from DGCA/AAI for granting licenses. 4. Consent to Establish (CTE) obtained from UPPCB vide Ref. No. 203970/UPPCB/GreaterNoida/CTE dated 14.10.2024 with validity upto 05/08/2029 (Refer Annexure 13). 5. Completed. Conservation plan prepared in consultation with WII and submitted. (Refer Annexure 14) 6. Dust mitigation plan prepared and measures (sprinkling, covers, barricades) implemented at site. (Refer Annexure 15). 7. Operations yet to begin however the limits mentioned in EC shall be adhered. 8. Drainage plan with 2 oil-water separators under construction (Refer Annexure 16). 9. Same shall be adhered during operation phase. 10. Regular AAQ monitoring is conducted during construction. Consolidated report is enclosed (Refer Annexure 17). 11. Condition pertains to operational phase. Monitoring station is under development at Dayanatpur School. 12. Shall be adhered during operational phase. 13. Onsite DMP is prepared and enclosed as Annexure 18. 14. Topsoil preserved and reused for plantation/landscaping. Refer Annexure 19 15. Green cover development as per the guidance given. As per EC, 10 percent (133.3 HA against 1334 HA total area) development is mandated, however we are targeting 11.7percent. Plantation activities are ongoing but we have achieved mandatory 10percent(136 HA against 133.4 HA including undisturbed green cover) Many tree species are planted such as: Azadirachta Indica, Chukrasia Tabularis, Alstonia Scholaris, Melia Azedarach, Jacaranda Mimosifolia etc to avoid monocultural plantation. For details,</p>

Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974 5. Conservation plan for Birds and Fauna in consultation with Wildlife Institute of India (WII) shall be submitted within six months from grant of this clearance and shall be implemented in letter and spirit 6. Notification GSR 94(E) dated 25.01.2028 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities shall be complied with. 7. Total water requirement is estimated as 17267.5 KLD, while freshwater requirement will be 3040.8 KLD. The water for the project during operation and construction phase will be drawn from Jewar

refer Annexure-05. 16. Appropriate non-invasive, non-water-intensive species such as Azadirachta Indica, Chukrasia Tabularis, Alstonia Scholaris, Melia Azedarach, Jacaranda Mimosifolia etc considered. Please refer Annexure-05 17. Funds amounting to Rs. 2,63,95,718 (for compensatory afforestation) and tree felling charges have been transferred to the Forest Department (vide cheque nos. 275502 and 275503 dated 13.12.2019). Compensatory afforestation is being carried out as per the approved plan under Forest Department supervision. Total tree plantation done 121820 nos. 18. Currently, the operations have not begun, thus, our CSR budget is very minimal. Once the operations start, project under water conservation shall be undertaken as part of CSR. Refer Annexure 20 19. LED lighting adopted in design. Installation under. Refer Annexure 21 20. Solar Installation of 14.5 MW DC under installation. Airport Carbon Accreditation needs operational data, thus, will be undertaken post operations. 21. Incorporated in design and under implementation. Refer Annexure 22 22. Adopted measures include ISO certification, LC3 cement, Nanogence, IGBC certification, solar/smart lighting. is being done at the Airport. Refer Annexure 23. Implemented. CSR Policy and Committee formed and undertaken activities under CSR. Refer <https://niairport.in/wp-content/uploads/2023/11/Composition-of-Corporate-Social-Responsibility-Committee.pdf> 24. It will be applicable during operational phase, however, plan is prepared. Refer Annexure- 11 Complied 04-11-2025

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distributary and
Kasna STP
located at
Greater Noida.

As proposed,
no ground
water shall be
used in the
project. 8.

Aircraft
maintenance,
sensitivity of
the location
where activities
are undertaken,
and control of
runoff of
potential
contaminants,
chemicals etc.

shall be
properly
implemented
and reported.

9. Wastewater
generated from
the Airport will
be treated in
Sewage

Treatment Plant
of 12 MLD
capacity.

Treated
wastewater will
be used for
landscaping
and flushing.

There will be
zero discharge
of treated
wastewater
from airport.

10. During
construction
and operational
phase AAQ
monitoring
should include
PM10, PM2.5,
SO₂, NO_x, NH₃,
CO, CH₄ and
Benzene 11.
During airport
operation

period, 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. A monitoring station for ambient air and noise levels shall be provided in the village nearest to the airport.

12. Traffic Management Plan as submitted shall be implemented in letter and spirit.

Apart, 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 5KM 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 5 KM radius of the site in different scenarios of space and time. Traffic management plan shall be duly validated and certified by the State Urban Development department and the PWD/ 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.

13. An onsite disaster management plan shall be drawn up to account for risks and accidents. This onsite plan shall be dovetailed with

the onsite management plan for the district. 14. Topsoil shall be separately stored and used in the development of green belt. 15. Green belt shall be developed in area as provided in project details, with native tree species in accordance with Forest Department. The greenbelt shall inter-alia cover the entire periphery of the Airport. Plantation activity should be taken up under the expert guidance for forest department of Government of Uttar Pradesh. As far as possible monocultural plantation should be avoided. 16. The plantation species in and around Airport 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.

17. The proposed 10 times compensatory plantation need to be monitored by the Government of Uttar Pradesh so that the target of planting 1,12,820 saplings is achieved in a time bound manner, their survival rate is monitored, and mortality is replenished. In case of non-survival of any transplanted tree, compensatory plantation in the ratio of 1:10 (i.e., planting of 10 trees for every 1 tree) shall also be done and maintained 18.

A water security plan to the satisfaction of the CGWA shall be drawn up to include augmenting water supply and sanitation facilities and recharge of ground water in at least two villages and schools, as part

of the C.S.R activities. 19. Energy conservation measures like installation of LED should be integral part of the project design and should be in place before project commissioning.

20. Initiatives such as Green Infrastructure Development program, adoption of less emission intensive technologies, renewable energy program, electrical vehicles and Airport Carbon Accreditation need to be adopted to reduce its impact on climate change and Green House Gas (GHG) emissions as per environmental best practices governing Greenfield airports 21. Provision of Electro-mechanical doors for toilets meant for disabled passengers shall be ensured.

Children
nursing/
feeding room
shall be located
conveniently
near arrival and
departure gates
22. The project
proponent shall
comply with
the
International
Best Practices
on
environment
management
as applicable to
the Airport
project. 23. The
company shall
draw up and
implement a
Corporate
Social
Responsibility
Plan as per the
Company's Act
of 2013. 24. As
per the
Ministry's
Office
Memorandum
F. No. 22-
65/2017-IA.III
dated
01.05.2018, and
proposed by
the project
proponent, an
amount of
Rs.28.65 Crore
for Phase I(as
per
development
plan for phase
1) and
Rs.17.7095
Crore for Phase
II @0.5% of the
project cost
shall be
earmarked
under
Corporate

Environment Responsibility (CER) for the activities such as Health Related Facilities (Construction of toilets and water tank in community as part of Swachh Bharat Abhiyan, Construction of Health Centre, Refurbishment and maintenance of existing Health Centre Organizing Health camps, Organizing Special Health Camps for eye, heart and maternal health Mobile Health Clinic), Education Related Facilities (Refurbishment of existing schools, Strengthening of ITI at Jewar and Scholarship for student), Solid waste Management Facilities (Providing VATs for Municipal Solid Waste in villages, Developing MSW disposal site with management, Providing training for solid waste management

to villagers), Social Facilities (Installation of Hand-pumps, Repair and Maintenance of village roads @50 km/year and Providing solar light in village common areas) and Miscellaneous Facilities (Skill Development – basic training programmes and Creation of irrigation facilities for farmers. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.

General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance, Remarks / Reason a	
1	AIR QUALITY MONITORING AND PRESERVATION	<p>1. During construction and operational phase AAQ monitoring should include PM10, PM2.5, SO2, NOx, NH3, CO, CH4 and Benzene. 2. The project proponent shall install system to carry out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5, in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the airport area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. 3. Soil and other construction materials should be sprayed with water prior to any loading, unloading or transfer operation so as to maintain the dusty material wet 4. The excavation working area should be sprayed with water after operation so as to maintain the entire surface wet 5. Excavated materials shall be handled and transported in a manner that they do not cause any problems of air pollution 6. The soil/construction materials carried by the vehicle should be covered by impervious sheeting to ensure that the dusty materials do not leak from the vehicle.</p>	PPs Submission	<p>1. Regular AAQ monitoring is currently in place including three near downwind sides. (R station outside the under installation for measures are implemented and construction material loading/unloading/ included in the contract. Excavated working post-operation. All wet condition and (Annexure 15). 5. Excavated materials handled and transported vehicles are covered emissions. (Refer Air and construction material tarpaulin covering t Compliance is included Annexure 15). Complied</p> <p>04-11-2025</p> <p>Attachment: Click to download</p>
2	Corporate Environmental Responsibility	<p>1. 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</p>	PPs Submission	<p>1. Company has formulated Environmental Policy, duly approved SOPs for checks, balances and the policy ensures adherence to environmental norms. A copy of the Board Resolution is available at dedicated Environmental project levels. The company is headed by a Senior Executive.</p>

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 / stakeholders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report. 2. 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 will directly report to the head of the organization. 3. 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 4. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

CEO of the Company Implementation Action Plan approved. Year-wise environmental protection have been taken into account. 4. A system has been institutionalized. An environmental audit is scheduled annually. The framework and action plan was conducted in 2020-21. 39.2, 39.3 and 39.4) Complied

04-11-2025

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3	ENERGY PRESERVATION MEASURES	<p>Energy conservation measures like installation of LED for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning</p>	PPs Submission	<p>Energy conservatio airports sustainable date across externa Installation of addit devices (e.g., smart sensors, solar street operational prior to Complied 04-11-2025 Attachment: Click to</p>
4	Statutory compliance	<p>1.The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water/ from the competent authority concerned in case of drawl of surface water required for the project. 2.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. 3.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.</p>	PPs Submission	<p>1. Permissions for g been obtained. Ref requisition of powe distribution agency attached which is re Department. (Refer UPFS/2025/163455 NAGAR/33866/DD 121882/ GBN/ GAU validity till 30-08-20 (P557131) with vali applications under mandate Refer Ann Complied 04-11-2025 Attachment: Click to</p>
5	GREENBELT	<p>1. Green belt shall be developed in area as provided in project details, with native tree species in accordance with the Forest Department. The greenbelt shall inter alia cover the entire periphery of the Airport. 2. Topsoil shall be separately sorted and used in the development of green belt.</p>	PPs Submission	<p>1. Green cover deve per EC, 10percent (development is ma 11.7percent. Plantat achieved mandator including undisturb planted such as: Az Alstonia Scholaris, I etc to avoid monoc Annexure-05. 2. To plantation/landscap Complied 04-11-2025 Attachment: Click to</p>

6	Human Health Environment	<p>1. Construction site should be adequately barricaded before the construction begins 2. Traffic congestion near the entry and exit points from the roads adjoining the airport shall be avoided. Parking should be fully internalized, and no public space should be utilized 3. Provision of Electro-mechanical doors for toilets meant for disabled passengers. Children nursing/ feeding room to be located conveniently near arrival and departure gates. 4. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented. 5. Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. 6. An onsite disaster management plan shall be drawn up to account for risks and accidents. This onsite plan shall be dovetailed with the onsite management plan for the district. 7. Occupational health surveillance of the workers shall be done on a regular basis</p>	PPs Submission	<p>1. Adequate barricades carried out as per requirement. Unauthorized entry is attached. (Refer A phase, traffic movement measures in place to the site. 3. These refer to terminal building during progress. Layout drawn attached. (Refer An Emergency Preparedness Management Plan (EPPM) prepared and implemented attached. (Refer An accommodation for within the project premises for drinking water, sanitation facilities, crèche, and Documentation attached. Disaster Management risks and accidents operational phase, District Disaster Management submitted. (Refer A Occupational Health implemented, coverage records, and onsite and labour colony. Complied 04-11-2025 Attachment: Click to download</p>
7	PUBLIC HEARING	<p>1. Construction site should be adequately barricaded before the construction begins 2. Traffic congestion near the entry and exit points from the roads adjoining the airport shall be avoided. Parking should be fully internalized, and no public space should be utilized 3. Provision of Electro-mechanical doors for toilets meant for disabled passengers. Children nursing/ feeding room to be located conveniently near arrival and</p>	PPs Submission	<p>1. Adequate barricades carried out as per requirement. Unauthorized entry is attached. (Refer A phase, traffic movement measures in place to the site. 3. These refer to terminal building during progress. Layout drawn attached. (Refer An Emergency Preparedness Management Plan (EPPM) prepared and implemented attached. (Refer An accommodation for within the project premises for drinking water, sanitation facilities, crèche, and Documentation attached. Disaster Management risks and accidents operational phase, District Disaster Management submitted. (Refer A Occupational Health implemented, coverage records, and onsite and labour colony. Complied 04-11-2025 Attachment: Click to download</p>

		<p>discharging storm water from the airfield to avoid flooding/waterlogging in project area. Domestic and industrial wastewater shall not be allowed to be discharged into storm water drains 6. Rainwater harvesting for roof run-off and surface run-off, as plan submitted should be implemented. Rainwater harvesting structures shall conform to CGWA designs. Before recharging the surface run-off, pre-treatment must be done to remove suspended matter, oil and grease 7. Total freshwater use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of freshwater 8. A certificate from the competent authority for discharging treated effluent/untreated effluents into the Public sewer/ disposal/ drainage systems along with the final disposal point should be obtained. 9. A detailed drainage plan for rainwater shall be drawn up and implemented 10. No ground water shall be extracted without prior permission from CGWA 11. A water security plan to the satisfaction of the CGWA shall be drawn up to include augmenting water supply and sanitation facilities and recharge of ground water in at least two villages and schools, as part of the C.S.R activities</p>	<p>CSR budget is very project under water of CSR. Refer Annex Complied 04-11-2025 Attachment: Click to</p>
9	Noise Monitoring & Prevention	<p>1. 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 2. Noise from vehicles and power machinery and equipment on-site should not exceed the prescribed limit. Equipment should be regularly</p>	<p>PPs Submission</p> <p>1. For the construct being conducted in guidelines. Results Environmental Monitoring Monthly Compliance inspection checklist Machinery (P and N deployed only after and fitness certificate muffler upkeep and Annexure 28). 3. All</p>

	<p>serviced. Attention should also be given to muffler maintenance and enclosure of noisy equipment 3. 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 4. During airport operation period, 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. A monitoring station for ambient air and noise levels shall be provided in the village nearest to the airport. 5. Where construction activity is likely to cause noise nuisance to nearby residents, restrict operation hours between 7 am to 6 pm. 6.</p>		<p>enclosures. Noise b applicable in the cc distributed to work monitored by the h condition will be cc monitoring station construction in the Environmental Mor monitored and cor Complied 04-11-2025 Attachment: Click to</p>
10	<p>MISCELLANEOUS</p> <p>1. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers (N) of the District or State, of which one shall be in the vernacular language within seven days. In addition, this shall also be displayed in the project proponent's website (W) permanently 2. 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 Government who in turn has to display the same for 30 days from the date of receipt 3. The project proponent shall upload the status of compliance of the</p>	<p>PPs Submission</p>	<p>1. Environmental Clearance the COVID 19 pandemic, th published in media on 30th newspaper) and 18th Decer The articles were published https://economictimes.india/ / aviation/formal process of security clearances yamuna Indian Express e newspaper https://indianexpress.com/a airport key features 710982 concerned local bodies, Par Annexure 40). 3. Half yearly monitored environmental d website. https://nairport.in/ monthly compliance report the PARIVESH Portal. 5. Env 2024-25 has been submitte website. Refer Annexure 41 compliance/ 6. Ambient air near the entry gate of the p done on 10th August 2021. is complying with stipulatio Government. 9. Project Proj commitments made in EIA/ presentation. Refer Annexu</p>

		<p>stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis. 4. 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 5. 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 6. The criteria pollutant levels namely; PM10, PM2.5, SO2, NOx (ambient levels) shall be monitored and displayed at a convenient location near the main gate of the company in the public domain 7. 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 8. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government 9. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that made during their presentation to the Expert Appraisal Committee. 10. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of</p>	<p>-15. Agrees to the condition provisions of NGT Act.</p> <p>Complied</p> <p>04-11-2025</p> <p>Attachment: Click to View</p>
		<p>PPs Submission</p> <p>1. Environmental Clearance the COVID 19 pandemic, th published in media on 30th newspaper) and 18th Decer The articles were published https://economictimes.india/aviation/formal-process-of-security-clearances-yamuna Indian Express e newspaper https://indianexpress.com/airport-key-features-710982 concerned local bodies, Par Annexure 40). 3. Half yearly monitored environmental d website. https://naiport.in/monthly-compliance-report-the-parivesh-portal. 5. Env 2024-25 has been submitte website. Refer Annexure 41 compliance/ 6. Ambient air near the entry gate of the p done on 10th August 2021. is complying with stipulatio Government. 9. Project Proj commitments made in EIA/ presentation. Refer Annexu -15. Agrees to the condition provisions of NGT Act.</p> <p>Complied</p> <p>04-11-2025</p> <p>Attachment: Click to View</p>	

Environment, Forests and Climate Change (MoEF&CC). 11. 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. 12. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory 13. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions. 14. 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 15. 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 Courts/ NGT and any other Court of Law relating to the subject matter 16. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010

11	WASTE MANAGEMENT	<p>2. 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</p> <p>3. 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)</p> <p>4. The project activity shall conform to the Fly Ash notification issued under the E.P. Act of 1986</p> <p>5. Solid inert waste found on construction sites consists of building rubble, demolition material, concrete, bricks, timber, plastic, glass, metals, bitumen etc. shall be reused/ recycled or disposed off as per Solid Waste Management Rules, 2016 and Construction and Demolition Waste Rules, 2016</p> <p>6. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016</p> <p>7. The project proponents shall implement a management plan duly approved by the State Pollution Control Board and obtain its permissions for the safe handling and disposal of:</p> <ul style="list-style-type: none"> a. Trash collected in flight and disposed at the airport including segregation, collection and disposed. b. Toilet wastes and sewage collected from aircrafts and disposed at the Airport. c. Wastes arising out of maintenance and workshops. d. Wastes arising out of eateries and shops situated inside the airport complex. e. Hazardous and other wastes <p>8. The solid wastes shall be segregated as per the norms of the Solid Waste Management Rules, 2016.</p> <p>Recycling of wastes such as</p>	<p>PPs Submission</p> <p>2. Dust mitigation practices such as covers, barricades)</p> <p>3. Topsoil and excavated material shall be disposed with adequate measures such as covering, and silt fencing.</p> <p>Stockpiles are managed in accordance with guidelines. (Refer Annexure A for construction works and mix design requirements and utilization of materials)</p> <p>29). 5. C and D wastes shall be disposed of in accordance with the SWM Rules, 2016 a</p> <p>Segregation, reuse and disposal through an authorized agency (Refer Annexure 30)</p> <p>demolition activities shall be disposed of in line with the SWM Rules, 2016. The PC shall be responsible to C and D Waste Recyclers Pvt Ltd for disposal of wastes currently in the construction and Hazardous Waste categories such as trash, toilet waste, sewage, commercial/eatery waste, etc. preparation. The segregation of construction wastes shall be carried out in line with the SWM Rules, 2016. A detailed SWM plan for waste streams (paper, glass, plastic, oil/solvents, etc.) has been prepared.</p> <p>Management Facilities such as Sumeet Facilities is currently in the planning phase. Solid Waste Landfill sites and municipal authority facilities for handling and disposal of wastes have been obtained. CFLs and TFLs are required for lighting at the site. The lighting has been installed and is operational.</p> <p>04-11-2025</p> <p>Attachment: Click to download</p>
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paper, glass (produced from terminals and aircraft caterers), metal (at aircraft maintenance site), plastics (from aircrafts, terminals and offices), wood, waste oil and solvents (from maintenance and engineering operations), kitchen wastes and vegetable oils (from caterers) shall be carried out. Solid wastes shall be disposed in accordance to the Solid Waste Management Rules, 2016 as amended 9. A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W generated from project 10. Used 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

Document uploaded by the PP

Last Site Visit Report (if available)

NA

Last Site Visit Report Date (if available)

Additional Attachment (if any)

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Additional Remarks (if any)

I 'DIRECTORATE OF CIVIL AVIATION, GOVT. OF UP' hereby give undertaking that the data and information given in the filed compliance and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the clearance given to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity such as change in project layout, construction, expansion, etc. has been taken up without due approval.

Cover Letter From RO/SRO

Cover Letter From RO/SRO

Back

POST EC BASELINE ENVIRONMENTAL MONITORING REPORT

**M/S. YAMUNA INTERNATIONAL AIRPORT PRIVATE LIMITED
Administrative Office, Noida International Airport, Kishorepur,
Gautam Buddha Nagar, Jewar, Uttar Pradesh-203135**

APRIL 2025



Submitted By:

**GRC INDIA TRAINING & ANALYTICAL LABORATORY,
(A Unit of GRC India Private Limited)**

**NABL Accredited & MoEF&CC Recognized Laboratory
F-375, Sector-63, Noida, U.P.**

Ph.: 0120- 4044630, Telefax: 0120- 2406519

Email: lab@grc-india.com

Website: <http://www.grc-india.com>

ANNEXURE-I

(TEST REPORTS)

**GRC India**

GRG INDIA TRAINING & ANALYTICAL LABORATORY

(A unit of Grass Roots Research & Creation India (P) Ltd.)

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 (OH&S) Certified

NABL Accredited Laboratory (A Constituent Board of QCI), TC 7501 (Chemical & Biological)

Recognized by Ministry of Environment, Forest & Climate Change (MoEF&CC, GOI) under the E(P) Act, 1986

Head Office: F-375, Sector-63, Noida, Gautam Budh Nagar, U.P. - 201301

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Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com



Test Report

Report Code: A20250414-001-01**Issue Date: 14.04.2025**

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar Uttar Pradesh-203135

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near NIA Office-Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	24 Hours
Sampling Duration for CO	:	1 Hour
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/APR/A001

RESULTS (Ambient Air Quality Analysis)

S. No.	Date	Test Parameters							
		Particulate Matter (PM ₁₀); $\mu\text{g}/\text{m}^3$	Particulate Matter (PM _{2.5}); $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂); $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂); $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO); $\mu\text{g}/\text{m}^3$	Lead (pb); $\mu\text{g}/\text{m}^3$	Ammonia (NH ₃); $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆); $\mu\text{g}/\text{m}^3$
		IS 5182 (Part 23): 2006 (RA 2022)	IS 5182 (Part 24): 2019 (RA 2024)	IS 5182 (Part 2/Sec-1): 2023	IS 5182 (Part 6): 2006 (RA 2022)	IS 5182 (Part 10): 1999 (RA 2019)	IS 5182 (Part 22): 2004 (RA 2019)	IS 5182 (Part 25): 2018 (RA 2019)	IS 5182 (Part 11): 2006 (RA 2022)
National Ambient Air Quality Standards (2009)		100	60	80	80	4000	1	400	5
1	08.04.2025	90.2	56.3	9.7	19.6	240	<0.1	<1.0	<1.0

****End of Report******Analyzed By**
(Chemist)

Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRG-LAB/QF-039 Rev.:00
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Test Report

Report Code: A20250414-001-01

Issue Date: 14.04.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar Uttar Pradesh-203135

Analysis Duration: 10.04.2025 to 12.04.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near NIA Office-Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	GRG/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	4 Hours
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/APR/A001

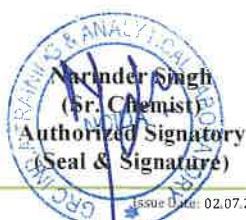
RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters
		Methane (CH ₄); µg/m ³
GRG-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020		
1	08.04.2025	<1.0

End of Report

Analyzed By
(Chemist)



GRG-LAB/QF-039

Rev.:00

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Test Report

Report Code: A20250414-001-02

Issue Date: 14.04.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 09.04.2025 to 12.04.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near Project Site Batching Plant
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	24 Hours
Sampling Duration for CO	:	1 Hour
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/APR/A001

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters							
		Particulate Matter (PM ₁₀); $\mu\text{g}/\text{m}^3$	Particulate Matter (PM _{2.5}); $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂); $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂); $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO); $\mu\text{g}/\text{m}^3$	Lead (pb); $\mu\text{g}/\text{m}^3$	Ammonia (NH ₃); $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆); $\mu\text{g}/\text{m}^3$
		IS 5182 (Part 23): 2006 (RA 2022)	IS 5182 (Part 24): 2019 (RA 2024)	IS 5182 (Part 2/Sec-1): 2023	IS 5182 (Part 6): 2006 (RA 2022)	IS 5182 (Part 10): 1999 (RA 2019)	IS 5182 (Part 22): 2004 (RA 2019)	IS 5182 (Part 25): 2018 (RA 2019)	IS 5182 (Part 11): 2006 (RA 2022)
National Ambient Air Quality Standards (2009)		100	60	80	80	4000	1	400	5
1	08.04.2025	96.7	58.1	10.9	29.4	270	<0.1	<1.0	<1.0

End of Report

Analyzed By
(Chemist)

Narinder Singh
(Sra. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

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Issue Date: 02.07.2018



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Test Report

Report Code: A20250414-001-02

Issue Date: 14.04.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near Project Site Batching Plant
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	GRG/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	4 Hours
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/APR/A001

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters
		Methane (CH ₄); $\mu\text{g}/\text{m}^3$
GRG-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020		
1	08.04.2025	<1.0

End of Report

Analyzed By
(Chemist)

Navinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018

GRG-LAB/QF-039

Rev.:00

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Test Report

Report Code: A20250502-002-01

Issue Date: 02.05.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	: Near NIA Office-Project Site
Sample Collected by	: Mr. Sonu Sen
Sampling Protocol	: GRC/LAB/STP/AIR/01: 2018
Weather Condition	: Clear Sky
Sampling Duration	: 24 Hours
Sampling Duration for CO	: 1 Hour
Sampler Installation Height	: 4.0 Meter above Ground Level
Sample Packing & Marking	: Plastic Bottle/ Zip Polybag & NIA/APR/A001

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters							
		Particulate Matter (PM ₁₀); $\mu\text{g}/\text{m}^3$	Particulate Matter (PM _{2.5}); $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂); $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂); $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO); $\mu\text{g}/\text{m}^3$	Lead (pb); $\mu\text{g}/\text{m}^3$	Ammonia (NH ₃); $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆); $\mu\text{g}/\text{m}^3$
		IS 5182 (Part 23): 2006 (RA 2022)	IS 5182 (Part 24): 2019 (RA 2024)	IS 5182 (Part 2/Sec-1): 2023	IS 5182 (Part 6): 2006 (RA 2022)	IS 5182 (Part 10): 1999 (RA 2019)	IS 5182 (Part 22): 2004 (RA 2019)	IS 5182 (Part 25): 2018 (RA 2019)	IS 5182 (Part 11): 2006 (RA 2022)
National Ambient Air Quality Standards (2009)		100	60	80	80	4000	1	400	5
1	28.04.2025	89.7	57.2	9.5	26.4	260	<0.1	<1.0	<1.0

End of Report

Analyzed By
(Chemist)

Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018

GRC-LAB/QF-039

Rev.:00

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Test Report

Report Code: A20250502-002-01

Issue Date: 02.05.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 29.04.2025 to 01.05.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near NIA Office-Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	GRG/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	4 Hours
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/APR/A001

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters
		Methane (CH ₄); $\mu\text{g}/\text{m}^3$
GRG-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020		
1	28.04.2025	<1.0

****End of Report****

Analyzed By
(Chemist)

Narinder Singh
(S. Chemist)
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018

GRG-LAB/QF-039

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Test Report

Report Code: A20250502-002-02

Issue Date: 02.05.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 29.04.2025 to 01.05.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Village Dayanatpur
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	24 Hours
Sampling Duration for CO	:	1 Hour
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/APR/A001

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters							
		Particulate Matter (PM ₁₀); $\mu\text{g}/\text{m}^3$	Particulate Matter (PM _{2.5}); $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂); $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂); $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO); $\mu\text{g}/\text{m}^3$	Lead (pb); $\mu\text{g}/\text{m}^3$	Ammonia (NH ₃); $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆); $\mu\text{g}/\text{m}^3$
		IS 5182 (Part 23): 2006 (RA 2022)	IS 5182 (Part 24): 2019 (RA 2024)	IS 5182 (Part 2/Sec-1): 2023	IS 5182 (Part 6): 2006 (RA 2022)	IS 5182 (Part 10): 1999 (RA 2019)	IS 5182 (Part 22): 2004 (RA 2019)	IS 5182 (Part 25): 2018 (RA 2019)	IS 5182 (Part 11): 2006 (RA 2022)
National Ambient Air Quality Standards (2009)		100	60	80	80	4000	1	400	5
1	28.04.2025	72.3	33.5	5.6	18.9	210	<0.1	<1.0	<1.0

****End of Report****

Analyzed By
(Chemist)

Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

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Test Report

Report Code: A20250502-002-02

Issue Date: 02.05.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar Uttar Pradesh-203135

Analysis Duration: 29.04.2025 to 01.05.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Village- Dayanatpur
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	GRG/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	4 Hours
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/APR/A001

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters
		Methane (CH ₄); $\mu\text{g}/\text{m}^3$
GRG-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020		
1	28.04.2025	<1.0

****End of Report****

Analyzed By
(Chemist)

Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

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Page 1 of 1

Issue Date: 02.07.2018



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Test Report

Report Code: N20250411-001

Issue Date: 11.04.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Monitoring Data Received on : 10.04.2025

Sample Description: Ambient Noise

RESULTS

(Ambient Noise Monitoring Data)

SAMPLING DETAILS

Date of Monitoring	:	08.04.2025
Monitoring Done by	:	Mr. Sonu Sen
Monitoring Protocol	:	IS 9989: 1981, RA 2023
Weather Condition	:	Clear Sky
Monitoring Duration	:	24 Hours

S. No.	Location	Zone	Noise Levels, Leq, dB (A)		Observed Noise Levels. Leq, dB (A)	
			Day Time*	Night Time**	Day Time*	Night Time**
Prescribed Limit {As per Airport Standard Notification, E-413, 2018}						
1	Near NIA Office-Project Site	Airport Area	70	65	57.0	49.5
Prescribed Limit {As per Noise Pollution (Regulation & Control) Rules, 2000}						
2	Near Project Site Batching Plant	Airport Area	70	65	59.8	49.1

* Day Time 6.00 AM to 10.00 PM

**Night Time 10.00 PM to 6.00 AM

Note: The detailed Noise monitoring data is enclosed as Annexure-2

End of Report

Monitored By

Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018

GRG-LAB/QF-039

Rev.:00

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5. The samples received for chemical testing shall be destroyed after 30 days from the date of issue of the report unless specified otherwise and samples for biological testing will be destroyed after 7 days of issue of test report.



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ANNEXURE-2

**Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jhewar**

Uttar Pradesh-203135.

Monitoring Location: NIA Office- Project Site

Sample Description: Ambient Noise

Monitoring Data Received On: 10.04.2025

Computation Data- Ambient Noise

Day Time (6:00 Am to 10:00 Pm)	N₆	N₇	N₈	N₉	N₁₀	N₁₁	N₁₂	N₁₃	N₁₄	N₁₅	N₁₆	N₁₇	N₁₈	N₁₉	N₂₀	N₂₁
47.6	46.3	48.9	49.7	50.6	59.6	60.5	63.4	65.3	64.5	58.9	57.8	57.4	58.4	52.6	52.9	
Noise Measurement (dB)	L_{min}	L₉₀	L_{eq}	L₁₀	L_{max}	L_{day}	L₅₀									
47.6	52.7	62.3	64.7	65.2	60.6	62.8										
Night Time (10:00 Pm to 6:00 Am)	N₂₂	N₂₃	N₂₄	N₁	N₂	N₃	N₄	N₅								
49.2	48.6	47.3	47.2	47.8	46.5	49.6	54.3									
Noise Measurement (dB)	L_{min}	L₉₀	L_{eq}	L₁₀	L_{max}	L_{day}	L₅₀									
38.9	39.5	46.1	48.6	52.4	43.7	42.4										
Noise Measurement Results for 24 Hrs.	L_{day}	L_{night}	L_{max}	L_{min}	L_{eq D}	L_{eq N}										
60.6	43.7	65.2	38.9	62.3	46.1											





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ANNEXURE-2

Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jhewar
 Uttar Pradesh-203135.

Monitoring Location: Near Project Site Batching Plant

Sample Description: Ambient Noise

Computation Data- Ambient Noise

Day Time (6:00 Am to 10:00 Pm)	N ₆	N ₇	N ₈	N ₉	N ₁₀	N ₁₁	N ₁₂	N ₁₃	N ₁₄	N ₁₅	N ₁₆	N ₁₇	N ₁₈	N ₁₉	N ₂₀	N ₂₁
43.9	46.8	57.6	58.9	59.6	61.7	67.7	64.7	65.7	59.2	58.5	58.6	53.2	52.6	52.3	51.4	
Noise Measurement (dB)	L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀									
51.4	53.6	65.4	68.7	70.2	63.1	64.0										
Night Time (10:00 Pm to 6:00 Am)	N ₂₂	N ₂₃	N ₂₄	N ₁	N ₂	N ₃	N ₄	N ₅								
49.9	49.8	47.6	46.5	47.5	48.6	49.7	51.3									
Noise Measurement (dB)	L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀									
42.5	42.8	45.2	47.5	47.8	44.8	44.3										
Noise Measurement Results for 24 Hrs.	L _{day}	L _{night}	L _{max}	L _{min}	L _{eq D}	L _{eq N}										
	63.1	44.8	70.2	42.5	65.4	45.2										

Narinder Singh
 (S. Chemist)
 Authorized Signatory
 Seal & Signature



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Test Report

Report Code: N20250501-002

Issue Date: 01.05.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Monitoring Data Received on: 30.04.2025

Sample Description: Ambient Noise

RESULTS

(Ambient Noise Monitoring Data)

SAMPLING DETAILS

Date of Monitoring : 28.04.2025
Monitoring Done by : Mr. Sonu Sen
Monitoring Protocol : IS 9989: 1981, RA 2023
Weather Condition : Clear Sky
Monitoring Duration : 24 Hours

S. No.	Location	Zone	Noise Levels, Leq, dB (A)		Observed Noise Levels. Leq, dB (A)	
			Day Time*	Night Time**	Day Time*	Night Time**
Prescribed Limit {As per Airport Standard Notification, E-413, 2018}						
1	Near NIA Office-Project Site	Airport Area	70	65	62.9	53.5
2	Village Dayanatpur	Residential area	55	45	43.6	37.1

* Day Time : 6.00 AM to 10.00 PM

**Night Time : 10.00 PM to 6.00 AM

Note: The detailed Noise monitoring data is enclosed as *Annexure-1*

End of Report

Monitored By

Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

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Rev.:00

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Issue Date: 02.07.2018



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ANNEXURE-1

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jhawar
Uttar Pradesh-201335.
Monitoring Location: NIA Office- Project Site
Sample Description: Ambient Noise

Computation Data- Ambient Noise

Day Time (6:00 Am to 10:00 Pm)	N₆	N₇	N₈	N₉	N₁₀	N₁₁	N₁₂	N₁₃	N₁₄	N₁₅	N₁₆	N₁₇	N₁₈	N₁₉	N₂₀	N₂₁
47	46.5	52.9	57.6	58.5	59.7	63.5	64.6	65.6	67.7	66.6	65.5	64.3	61.6	60.5	58.7	
Noise Measurement (dB)	L_{min}	L₉₀	L_{eq}	L₁₀	L_{max}	L_{day}	L₅₀									
45.1	47.4	66.5	71.8	72.5	59.8	61.6										
Night Time (10:00 Pm to 6:00 Am)	N₂₂	N₂₃	N₂₄	N₁	N₂	N₃	N₄	N₅								
57.7	56.5	54.3	51.2	49.3	48.7	48.6	48.6	51.3								
Noise Measurement (dB)	L_{min}	L₉₀	L_{eq}	L₁₀	L_{max}	L_{day}	L₅₀									
40.5	41.1	43.2	44.9	46.2	42.9	42.4										
Noise Measurement Results for 24 Hrs.	L_{day}	L_{night}	L_{max}	L_{min}	L_{eq D}	L_{eq N}										
59.8	42.9	72.5	40.5	66.5	43.2											

**Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)**



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GRC India

ANNEXURE-1

Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jhewar
 Uttar Pradesh-203135.
 Monitoring Location: Village Dayanatpur
 Sample Description: Ambient Noise

Computation Data- Ambient Noise

Day Time (6:00 Am to 10:00 PM)	N₆	N₇	N₈	N₉	N₁₀	N₁₁	N₁₂	N₁₃	N₁₄	N₁₅	N₁₆	N₁₇	N₁₈	N₁₉	N₂₀	N₂₁
39.6	41.3	42.7	42.8	43.7	44.5	45.8	45.5	44.3	41.3	41.6	48.3	44.3	42.5	39.9	37.5	
Noise Measurement (dB)	L_{min}	L₉₀	L_{eq}	L₁₀	L_{max}	L_{day}	L₅₀									
39.9	45.6	52.7	56.2	56.7	51.1	51.5										
Night Time (10:00 Pm to 6:00 Am)	N₂₂	N₂₃	N₂₄	N₁	N₂	N₃	N₄	N₅								
37.5	36.5	35.5	35.7	36.3	35.3	38.8	39.7									
Noise Measurement (dB)	L_{min}	L₉₀	L_{eq}	L₁₀	L_{max}	L_{day}	L₅₀									
35.3	35.7	38.0	40.0	40.3	37.7	37.4										
Noise Measurement Results for 24 Hrs.	L_{day}	L_{nhit}	L_{max}	L_{min}	L_{eqD}	L_{eqN}										
51.1	37.7	56.7	35.3	52.7	38.0											

Narinder Singh
 (S/o Chemist)
 Authorized Signatory
 (Seal & Signature)



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Test Report

Report Code: SN20250411-001

Issue Date: 11.04.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, JEWAR
Uttar Pradesh-203135

Monitoring Data Received on : 10.04.2025

Sample Description: DG Noise

RESULTS

(DG Set Noise Monitoring Data)

SAMPLING DETAILS

Date of Monitoring	:	08.04.2025
DG Set Installation Location	:	DC Plant-Project Site
Monitoring Done by	:	Mr. Sonu Sen
Monitoring Protocol	:	IS 4758: 1968, RA 2017
Weather Condition	:	Clear Sky
Monitoring Duration	:	15 Minutes
DG Set Capacity	:	380 KVA
DG Set Make, Model & Type	:	Jakson, JSP-380Q
Acoustic Enclosure Installed	:	Yes

S. No.	Parameter	Unit	Result	Permissible Limit {As per Noise Limit for Generator set run with Diesel Notification, GSR-371(E), 2002, Amend. 2011}
1	Sound Pressure Level	dB(A)	65.5	Max. 75

Note: Monitoring has been done from 01 meter away from the acoustic enclosure surface of the DG Set

End of Report

Monitored By


Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

Issue Date: 02.07.2018

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Test Report

Report Code: DW20250423-001(A)

Issue Date: 23.04.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Description: Drinking Water

Sample Received On: 09.04.2025

Analysis Duration: 10.04.2025 to 22.04.2025

RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	09.04.2025
Sampling Location	:	Near NIA Office-Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-1): 2021
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Liter
Sample Packing & Marking	:	Plastic Bottle & NIA/APR/DW-01

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)		Results	Test Method
			Desirable Limit	Permissible Limit		
1.	Colour	CU	5	15	<5.0	IS 3025 (Part-4): 2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5): 2018
3.	Turbidity	NTU	1	5	<1.0	IS 3025 (Part-10): 2023
4.	pH	-	6.5-8.5	No Relaxation	7.02	IS 3025 (Part-11): 2022
5.	Total Dissolved Solids (TDS)	mg/l	500	2000	122	IS 3025 (Part-16): 2023
6.	Total Hardness (as CaCO ₃)	mg/l	200	600	56.8	IS 3025 (Part-21): 2009, RA 2023
7.	Total Alkalinity (as CaCO ₃)	mg/l	200	600	27.5	IS 3025 (Part-23): 2023
8.	Chlorides (as Cl)	mg/l	250	1000	25.5	IS 3025 (Part-32): 1988, RA 2019
9.	Fluoride (as F)	mg/l	1	1.5	0.37	APHA 24 th Ed., 4500F-D: 2023
10.	Calcium (as Ca ²⁺)	mg/l	75	200	13	IS 3025 (Part-40): 2024
11.	Magnesium (as Mg ²⁺)	mg/l	30	100	5.4	APHA 24 th Ed., 3500Mg-B: 2023
12.	Sulphate (as SO ₄)	mg/l	200	400	17.1	IS 3025 (Part-24/Sec-1): 2022
13.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	0.29	IS 3025 (Part-34/Sec-1): 2023
14.	Ammonia (as NH ₃)	mg/l	0.5	No Relaxation	<0.1	IS 3025 (Part-34/Sec-1): 2023
15.	Free Residual Chlorine (as Cl ₂)	mg/l	0.2	1	<0.1	IS 3025 (Part-26): 2021
16.	Iron (as Fe)	mg/l	0.3	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)

Analyzed By
(Chemist)

Rahul Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRG-LAB/QF-039

Rev.:00

Issue Date: 06.07.2018

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Test Report

Report Code: DW20250423-001(A)

Issue Date: 23.04.2025

17.	Aluminum (as Al)	mg/l	0.03	0.2	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
18.	Barium (as Ba)	mg/l	0.07	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
19.	Copper (as Cu)	mg/l	0.05	1.5	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
20.	Manganese (as Mn)	mg/l	0.1	0.3	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
21.	Boron (as B)	mg/l	0.5	1	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
22.	Zinc (as Zn)	mg/l	5	15	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
23.	Selenium (as Se)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES-VGA)
24.	Silver (as Ag)	mg/l	0.1	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
25.	Molybdenum (as Mo)	mg/l	0.07	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
26.	Arsenic (as As)	mg/l	0.01	0.05	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES-VGA)
27.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
29.	Cyanide (as CN)	mg/l	0.05	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
30.	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
31.	Mercury (as Hg)	mg/l	0.001	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES-VGA)
32.	Nickel (as Ni)	mg/l	0.02	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
33.	Sulphide (as S)	mg/l	0.05	No Relaxation	<0.01	IS 3025 (Part-29): 2022
34.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	<0.001	IS 3025 (Part-43/Sec-1): 2022
35.	Anionic Detergent (as MBAS)	mg/l	0.2	1	<0.01	IS 3025 (Part-68): 2019, RA 2023
36.	Electrical Conductivity	µS/cm	---	---	185	IS 3025 (Part-14): 2013, RA 2023

End of Report

Analyzed By
(Chemist)

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Ramak Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018



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Test Report

Report Code: DW20250414-001(B)

Issue Date: 14.04.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, J ewar
Uttar Pradesh-203135

Sample Received On: 09.04.2025

Analysis Duration: 10.04.2025 to 13.04.2025

Sample Description: Drinking Water

RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	09.04.2025
Sampling Location	:	Near NIA Office-Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-25): 2022
Weather Condition	:	Clear Sky
Sample Quantity	:	0.4 Liter
Sample Packing & Marking	:	Sterile Glass Bottle & NIA/APR/DW-01

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)	Results	Test Method
1.	Total Coliform	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Not Detected)	IS 1622: 1981, RA 2019
2.	<u>E. coli</u>	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Absent)	IS 1622: 1981, RA 2019

End of Report

Analyzed By
(Microbiologist)

Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signatory
(Seal & Signature)

GRG-LAB/QF-039

Rev.:00

Issue Date: 02.07.2018

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Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com



Test Report

Report Code: GW20250423-001(A)

Issue Date: 23.04.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Description: Ground Water

Sample Received On: 09.04.2025

Analysis Duration: 10.04.2025 to 22.04.2025

RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	09.04.2025
Sampling Location	:	Near PTB- Project site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-1): 2021
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Liter
Sample Packing & Marking	:	Plastic Bottle & NIA/APR/GW-01

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)		Results	Test Method
			Desirable Limit	Permissible Limit		
1.	Colour	CU	5	15	<5.0	IS 3025 (Part-4): 2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5): 2018
3.	Turbidity	NTU	1	5	5	IS 3025 (Part-10): 2023
4.	pH	-	6.5-8.5	No Relaxation	7.67	IS 3025 (Part-11): 2022
5.	Total Dissolved Solids (TDS)	mg/l	500	2000	2617	IS 3025 (Part-16): 2023
6.	Total Hardness (as CaCO ₃)	mg/l	200	600	521	IS 3025 (Part-21): 2009, RA 2023
7.	Total Alkalinity (as CaCO ₃)	mg/l	200	600	533	IS 3025 (Part-23): 2023
8.	Chlorides (as Cl)	mg/l	250	1000	465	IS 3025 (Part-32): 1988, RA 2019
9.	Fluoride (as F)	mg/l	1	1.5	1.3	APHA 24 th Ed., 4500F-D: 2023
10.	Calcium (as Ca ²⁺)	mg/l	75	200	120	IS 3025 (Part-40): 2024
11.	Magnesium (as Mg ²⁺)	mg/l	30	100	52.8	APHA 24 th Ed., 3500Mg-B: 2023
12.	Sulphate (as SO ₄)	mg/l	200	400	802	IS 3025 (Part-24/Sec-1): 2022
13.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	9.1	IS 3025 (Part-34/Sec-1): 2023
14.	Ammonia (as NH ₃)	mg/l	0.5	No Relaxation	<0.1	IS 3025 (Part-34/Sec-1): 2023
15.	Free Residual Chlorine (asCl ₂)	mg/l	0.2	1	<0.1	IS 3025 (Part-26): 2021

Analyzed By
(Chemist)

Rahul Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

Issue Date: 02.07.2018

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Test Report

Report Code: GW20250423-001(A)

Issue Date: 23.04.2025

16.	Iron (as Fe)	mg/l	0.3	No Relaxation	0.22	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
17.	Aluminum (as Al)	mg/l	0.03	0.2	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
18.	Barium (as Ba)	mg/l	0.07	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
19.	Copper (as Cu)	mg/l	0.05	1.5	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
20.	Manganese (as Mn)	mg/l	0.1	0.3	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
21.	Boron (as B)	mg/l	0.5	1	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
22.	Zinc (as Zn)	mg/l	5	15	0.07	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
23.	Selenium (as Se)	mg/l	0.01	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES VGA)
24.	Silver (as Ag)	mg/l	0.1	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
25.	Molybdenum (as Mo)	mg/l	0.07	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
26.	Arsenic (as As)	mg/l	0.01	0.05	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES VGA)
27.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	<0.001	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
29.	Cyanide (as CN)	mg/l	0.05	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
30.	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
31.	Mercury (as Hg)	mg/l	0.001	No Relaxation	<0.001	APHA 24th Ed., 3120-B: 2023 (ICP-OES VGA)
32.	Nickel (as Ni)	mg/l	0.02	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
33.	Sulphide (as S)	mg/l	0.05	No Relaxation	<0.01	IS 3025 (Part-29): 2022
34.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	<0.001	IS 3025 (Part-43/Sec-1): 2022
35.	Anionic Detergent (as MBAS)	mg/l	0.2	1	<0.01	IS 3025 (Part-68): 2019, RA 2023
36.	Electrical Conductivity	µS/cm	---	---	3965	IS 3025 (Part-14): 2013, RA 2023

End of Report

Analyzed By
(Chemist)

GRC-LAB/QF-039

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Rahul Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

Issue Date: 01.07.2018



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Test Report

Report Code: GW20250414-001(B)

Issue Date: 14.04.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, J ewar
Uttar Pradesh-203135

Sample Received On: 09.04.2025

Analysis Duration: 10.04.2025 to 13.04.2025

Sample Description: Ground Water

RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	09.04.2025
Sampling Location	:	Near PTB- Project site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-25): 2022
Weather Condition	:	Clear Sky
Sample Quantity	:	0.4 Liter
Sample Packing & Marking	:	Sterile Glass Bottle & NIA/APR/GW-01

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)	Results	Test Method
1.	Total Coliform	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Not Detected)	IS 1622: 1981, RA 2019
2.	E. coli	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Absent)	IS 1622: 1981, RA 2019

End of Report

Analyzed By
(Microbiologist)

Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

Issue Date: 02.07.2018

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Test Report

Report Code: WW20250423-001(A)

Issue Date: 23.04.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 09.04.2025

Analysis Duration: 10.04.2025 to 22.04.2025

Sample Description: Waste Water- STP Outlet

RESULTS

(Waste Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	09.04.2025
Sampling Location	:	STP Outlet -Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-10): 2021
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Liter
Sample Packing & Marking	:	Plastic Bottle & NIA/APR/WW-01

S. No.	Parameters	Units	Results	Requirements as per Gazette No. 843: 2017	Test Method
				Permissible Limit	
1.	pH Value	-	8.08	5.5 - 9.0	IS 3025 (Part-11): 2022
2.	Total Suspended Solids (TSS)	mg/l	15.0	Max. 50	IS 3025 (Part-17): 2022
3.	Biochemical Oxygen Demand (BOD) for 3 Days at 27°C	mg/l	9.0	Max. 20	IS 3025 (Part-44): 2023
4.	Chemical Oxygen Demand (COD)	mg/l	22.0	--	IS 3025 (Part-58): 2023
5.	Specific Conductivity	µS/cm	3432	--	IS 3025 (Part-14): 2013, RA 2023
6.	Calcium (as Ca ²⁺)	mg/l	85.0	--	IS 3025 (Part-40): 2024
7.	Magnesium (as Mg ²⁺)	mg/l	62.0	--	APHA 24 th Ed., 3500Mg-B: 2023
8.	Ammonical Nitrogen (as NH ₃ -N)	mg/l	1.0	--	IS 3025 (Part-34/Sec-1): 2023
9.	Total Kjeldal Nitrogen (as N)	mg/l	1.5	--	IS 3025 (Part-34/Sec-1): 2023
10.	Oil & Grease	mg/l	<4	--	IS 3025 (Part-39): 2021
11.	Free Residual Chlorine (as Cl ₂)	mg/l	<0.1	--	IS 3025 (Part-26): 2021
12.	Sulphide (as S)	mg/l	0.1	--	IS 3025 (Part-29): 2022
13.	Sodium (as Na)	mg/l	405.0	--	IS 3025 (Part-45): 2024
14.	Potassium (as K)	mg/l	41.0	--	IS 3025 (Part-45): 2024
15.	Cyanide (as CN)	mg/l	<0.01	--	IS 3025 (Part-27/Sec-1): 2021

Analyzed By
(Chemist)

Rahul Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018

GRG-LAB/QF-039

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Test Report

Report Code: WW20250423-001(A)

Issue Date: 23.04.2025

16.	Lead (as Pb)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
17.	Total Chromium (as Cr)	mg/l	<0.1	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
18.	Copper (as Cu)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
19.	Zinc (as Zn)	mg/l	0.50	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
20.	Nickel (as Ni)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
21.	Boron (as B)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
22.	Arsenic (as As)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
23.	Mercury (as Hg)	mg/l	<0.001	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
24.	Cadmium (as Cd)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
25.	Selenium (as Se)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
26.	Iron (as Fe)	mg/l	0.36	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
27.	Manganese (as Mn)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
28.	Aluminum (as Al)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
29.	Barium (as Ba)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)

End of Report

Analyzed By
(Chemist)

Rahul Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

Issue Date 10.07.2018

GRC-LAB/QF-039

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Test Report

Report Code: WW20250414-001(B)

Issue Date: 14.04.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Description: Waste Water- STP Outlet

Sample Received On: 09.04.2025

Analysis Duration: 10.04.2025 to 13.04.2025

RESULTS

(Waste Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	09.04.2025
Sampling Location	:	STP Outlet -Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-25): 2022
Weather Condition	:	Clear Sky
Sample Quantity	:	0.4 Liter
Sample Packing & Marking	:	Sterile Glass Bottle & NIA/APR/WW-01

S. No.	Parameters	Units	Permissible Limit as per Gazette No. 843: 2017	Results	Test Method
1.	Total Coliform	MPN/100ml	--	1600	APHA 24th Edition 9221-B: 2023
2.	Fecal Coliform	MPN/100ml	Max. 1000	900	APHA 24th Edition 9221-E: 2023

End of Report

Analyzed By
(Microbiologist)

Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

Issue Date: 02.07.2018

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Test Report

Report Code: S20250423-001

Issue Date: 23.04.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, J ewar
Uttar Pradesh-203135

Sample Received On: 09.04.2025

Analysis Duration: 10.04.2025 to 22.04.2025

Sample Description: Soil Sample

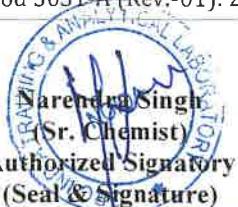
RESULTS (Soil Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	09.04.2025
Sampling Location	:	Road No. 3 Near PTB
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	GRC/LAB/STP/01: 2018
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Kg (Composite sample)
Sample Packing & Marking	:	Zip Polybag & NIA/APR/SQ-01

S. No.	Parameters	Units	Results	Test Method
1.	Texture	-	Sandy Loam	GRC-LAB/STP-SOIL/22; 2018
2.	Particle Size Distribution	-	--	
	Sand	%	65.1	IS 2720 (Part-4): 1985, RA 2020
	Silt	%	15.8	
	Clay	%	19.1	
3.	pH (1:2 Suspension)	-	7.64	IS 2720 (Part-26): 1987, RA 2021
4.	Electrical Conductivity (1:2 Suspension)	µS/cm	523	IS 14767: 2000, RA 2021
5.	Available Potassium (as K)	mg/kg	61.2	GRC-LAB/STP-SOIL/07; 2018
6.	Chloride (as Cl)	mg/kg	274.4	GRC-LAB/STP-SOIL/14; 2018
7.	Total Kjeldahl Nitrogen (as N)	mg/kg	42.5	IS 14684: 1999, RA 2019
8.	Exchangeable Phosphorus (as P)	mg/kg	6.1	USEPA Method 365.3: 1978
9.	Iron (as Fe)	mg/kg	11.6	USEPA Method 3051-A (Rev.-01): 2007
10.	Zinc (as Zn)	mg/kg	2.8	USEPA Method 3051-A (Rev.-01): 2007

Analyzed By
(Chemist)


Narendra Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

Issue Date: 02.07.2018

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An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 (OH&S) Certified

NABL Accredited Laboratory (A Constituent Board of QCI), TC 7501 (Chemical & Biological)

Recognized by Ministry of Environment, Forest & Climate Change (MoEF&CC, GOI) under the E(P) Act, 1986

Head Office: F-375, Sector-63, Noida, Gautam Budh Nagar, U.P. - 201301

Phone No.: 0120 - 4044630, 4044660; Fax: 0120 - 2406519, 0120 - 4044675

Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com



Test Report

Report Code: S20250423-001

Issue Date: 23.04.2025

11.	Nickel (as Ni)	mg/kg	0.8	USEPA Method 3051-A (Rev.-01): 2007
12.	Manganese (as Mn)	mg/kg	2.8	USEPA Method 3051-A (Rev.-01): 2007
13.	Cobalt (as Co)	mg/kg	0.5	USEPA Method 3051-A (Rev.-01): 2007
14.	Lead (as Pb)	mg/kg	<0.1	USEPA Method 3051-A (Rev.-01): 2007
15.	Copper (as Cu)	mg/kg	1.3	USEPA Method 3051-A (Rev.-01): 2007
16.	Arsenic (as As)	mg/kg	0.4	USEPA Method 3051-A (Rev.-01): 2007
17.	Molybdenum (as Mo)	mg/kg	0.3	3050-B,PP 1-12, USEPA, 2nd Rew.: 1996
18.	Mercury (as Hg)	mg/kg	0.2	USEPA Method 3051-A (Rev.-01): 2007
19.	Total Chromium (as Cr+3)	mg/kg	0.2	USEPA Method 3051-A (Rev.-01): 2007
20.	Organic Carbon	%	0.67	IS 2720 (Part-22): 1972
21.	Bulk Density	gm/cm ³	1.32	GRC-LAB/STP-SOIL/12; 2018
22.	Cation Exchange Capacity	meq/100gm	10.3	IS 2720 (Part-24): 1976, RA 2020
23.	Exchangeable Sodium (as Na)	mg/kg	186	GRC-LAB/STP-SOIL/; 2018
24.	Exchangeable Calcium (as Ca)	mg/kg	1932	GRC-LAB/STP-SOIL/08, Issue no. 02, issue Date: 02.07.2018: 2018
25.	Exchangeable Magnesium (as Mg)	mg/kg	282	GRC-LAB/STP-SOIL/08, Issue no. 02, issue Date: 02.07.2018: 2018
26.	Sodium Absorption Ratio	meq/kg	1.04	GRC-LAB/STP-SOIL/19, Issue no. 02, issue Date: 02.07.2018: 2018
27.	Selenium (as Se)	mg/kg	<0.1	USEPA Method 3051-A (Rev.-01): 2007
28.	Moisture	%	9.2	IS 2720 (Part-2): 1973, RA 2020
29.	Aluminum (as Al)	mg/kg	0.6	USEPA Method 3051-A (Rev.-01): 2007
30.	Organic Matter	%	0.97	IS 2720 (Part-22): 1972, RA 2020
31.	Manganese (as Mn)	mg/kg	3.6	USEPA Method 3051-A (Rev.-01): 2007

End of Report

Analyzed By
(Chemist)

Narendra Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

Issue Date: 02.07.2018

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POST EC BASELINE ENVIRONMENTAL MONITORING REPORT

**M/S. YAMUNA INTERNATIONAL AIRPORT PRIVATE LIMITED
Administrative Office, Noida International Airport, Kishorepur,
Gautam Buddha Nagar, Jewar, Uttar Pradesh-203135**

MAY 2025



Submitted By:

**GRC INDIA TRAINING & ANALYTICAL LABORATORY,
(A Unit of GRC India Private Limited)**

**NABL Accredited & MoEF&CC Recognized Laboratory
F-375, Sector-63, Noida, U.P.**

Ph.: 0120- 4044630, Telefax: 0120- 2406519

Email: lab@grc-india.com

Website: <http://www.grc-india.com>

ANNEXURE-I

(TEST REPORTS)



GRG INDIA TRAINING & ANALYTICAL LABORATORY

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Test Report

Report Code: A20250517-007-01

Issue Date: 17.05.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar Uttar Pradesh-203135

Analysis Duration: 14.05.2025 to 16.05.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location

: Near NIA Office-Project Site

Sample Collected by

: Mr. Maan Singh

Sampling Protocol

: GRC/LAB/STP/AIR/01: 2018

Weather Condition

: Clear Sky

Sampling Duration

: 24 Hours

Sampling Duration for CO

: 1 Hour

Sampler Installation Height

: 4.0 Meter above Ground Level

Sample Packing & Marking

: Plastic Bottle/ Zip Polybag & NIA/MAY/A001

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters							
		Particulate Matter (PM ₁₀); $\mu\text{g}/\text{m}^3$	Particulate Matter (PM _{2.5}); $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂); $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂); $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO); $\mu\text{g}/\text{m}^3$	Lead (pb); $\mu\text{g}/\text{m}^3$	Ammonia (NH ₃); $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆); $\mu\text{g}/\text{m}^3$
		IS 5182 (Part 23): 2006 (RA 2022)	IS 5182 (Part 24): 2019 (RA 2024)	IS 5182 (Part 2/Sec-1): 2023	IS 5182 (Part 6): 2006 (RA 2022)	IS 5182 (Part 10): 1999 (RA 2019)	IS 5182 (Part 22): 2004 (RA 2019)	IS 5182 (Part 25): 2018 (RA 2019)	IS 5182 (Part 11): 2006 (RA 2022)
National Ambient Air Quality Standards (2009)		100	60	80	80	4000	1	400	5
1	12.05.2025	87.9	53.6	9.6	18.5	230	<0.1	<1.0	<1.0

End of Report

Reviewed By

Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018

GRC LAB/QF-039

Rev.00

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Test Report

Report Code: A20250517-007-01

Issue Date: 17.05.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 14.05.2025 to 16.05.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near NIA Office-Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	GRG/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	4 Hours
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/MAY/A001

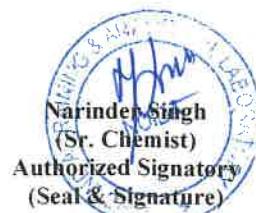
RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters
		Methane (CH ₄); $\mu\text{g}/\text{m}^3$
GRG-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020		
1	12.05.2025	<1.0

End of Report

Reviewed By



GRG-LAB/QF-039

Rev.00

Issue Date: 02.07.2018

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 Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com



Test Report

Report Code: A20250517-007-02

Issue Date: 17.05.2025

Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 14.05.2025 to 16.05.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near Project Site Batching Plant
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	24 Hours
Sampling Duration for CO	:	1 Hour
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/MAY/A001

RESULTS (Ambient Air Quality Analysis)

S. No.	Date	Test Parameters							
		Particulate Matter (PM ₁₀); $\mu\text{g}/\text{m}^3$	Particulate Matter (PM _{2.5}); $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂); $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂); $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO); $\mu\text{g}/\text{m}^3$	Lead (pb); $\mu\text{g}/\text{m}^3$	Ammonia (NH ₃); $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆); $\mu\text{g}/\text{m}^3$
	IS 5182 (Part 23); 2006 (RA 2022)	IS 5182 (Part 24); 2019 (RA 2024)	IS 5182 (Part 2/Sec-1); 2023	IS 5182 (Part 6); 2006 (RA 2022)	IS 5182 (Part 10); 1999 (RA 2019)	IS 5182 (Part 22); 2004 (RA 2019)	IS 5182 (Part 25); 2018 (RA 2019)	IS 5182 (Part 11); 2006 (RA 2022)	
National Ambient Air Quality Standards (2009)	100	60	80	80	4000	1	400	5	
1	12.05.2025	94.8	56.7	10.5	27.9	270	<0.1	<1.0	<1.0

End of Report

Reviewed By

Narinder Singh
 (Sr. Chemist)
 Authorized Signatory
 (Seal & Signature)

GRC-LAB/QF-039

Rev.:00

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Test Report

Report Code: A20250517-007-02

Issue Date: 17.05.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar Uttar Pradesh-203135

Analysis Duration: 14.05.2025 to 16.05.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near Project Site Batching Plant
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	4 Hours
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/MAY/A001

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters
		Methane (CH ₄); $\mu\text{g}/\text{m}^3$
GRC-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020		
1	12.05.2025	<1.0

End of Report

Reviewed By

Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)
Issue Date: 02.07.2018

GRC-LAB/QF-039

Rev.00

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Test Report

Report Code: A20250603-008-01

Issue Date: 03.06.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 30.05.2025 to 02.06.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near NIA Office-Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	24 Hours
Sampling Duration for CO	:	1 Hour
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/MAY/A001

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters							
		Particulate Matter (PM ₁₀); $\mu\text{g}/\text{m}^3$	Particulate Matter (PM _{2.5}); $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂); $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂); $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO); $\mu\text{g}/\text{m}^3$	Lead (pb); $\mu\text{g}/\text{m}^3$	Ammonia (NH ₃); $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆); $\mu\text{g}/\text{m}^3$
		IS 5182 (Part 23): 2006 (RA 2022)	IS 5182 (Part 24): 2019 (RA 2024)	IS 5182 (Part 2/Sec-1): 2023	IS 5182 (Part 6): 2006 (RA 2022)	IS 5182 (Part 10): 1999 (RA 2019)	IS 5182 (Part 22): 2004 (RA 2019)	IS 5182 (Part 25): 2018 (RA 2019)	IS 5182 (Part 11): 2006 (RA 2022)
National Ambient Air Quality Standards (2009)		100	60	80	80	4000	1	400	5
1	29.05.2025	93.4	58.7	9.1	20.6	200	<0.1	<1.0	<1.0

End of Report

Reviewed By


Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

Issue Date: 02.07.2018

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Test Report

Report Code: A20250603-008-01

Issue Date: 03.06.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 30.05.2025 to 02.06.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near NIA Office-Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	4 Hours
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/MAY/A001

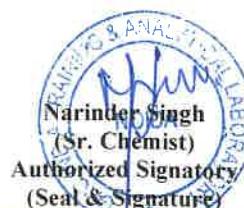
RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters
		Methane (CH ₄); $\mu\text{g}/\text{m}^3$
		GRC-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020
1	29.05.2025	<1.0

End of Report

Reviewed By



GRC-LAB/QF-039

Rev.00

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Issue Date: 02.07.2018



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Test Report

Report Code: A20250603-008-02

Issue Date: 03.06.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 30.05.2025 to 02.06.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location : Village Dayanatpur

Sample Collected by : Mr. Sonu Sen

Sampling Protocol : GRC/LAB/STP/AIR/01: 2018

Weather Condition : Clear Sky

Sampling Duration : 24 Hours

Sampling Duration for CO : 1 Hour

Sampler Installation Height : 4.0 Meter above Ground Level

Sample Packing & Marking : Plastic Bottle/ Zip Polybag & NIA/MAY/A001

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters							
		Particulate Matter (PM ₁₀); $\mu\text{g}/\text{m}^3$	Particulate Matter (PM _{2.5}); $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂); $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂); $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO); $\mu\text{g}/\text{m}^3$	Lead (pb); $\mu\text{g}/\text{m}^3$	Ammonia (NH ₃); $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆); $\mu\text{g}/\text{m}^3$
		IS 5182 (Part 23): 2006 (RA 2022)	IS 5182 (Part 24): 2019 (RA 2024)	IS 5182 (Part 2/Sec-1): 2023	IS 5182 (Part 6): 2006 (RA 2022)	IS 5182 (Part 10): 1999 (RA 2019)	IS 5182 (Part 22): 2004 (RA 2019)	IS 5182 (Part 25): 2018 (RA 2019)	IS 5182 (Part 11): 2006 (RA 2022)
National Ambient Air Quality Standards (2009)		100	60	80	80	4000	1	400	5
1	29.05.2025	78.5	48.2	5.8	17.8	160	<0.1	<1.0	<1.0

End of Report

Reviewed By



GRC-LAB/QF-039

Rev.00

Issue Date: 02.07.2018

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Test Report

Report Code: A20250603-008-02

Issue Date: 03.06.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar Uttar Pradesh-203135

Analysis Duration: 30.05.2025 to 02.06.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Village- Dayanatpur
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	4 Hours
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle / Zip Polybag & NIA/MAY/A001

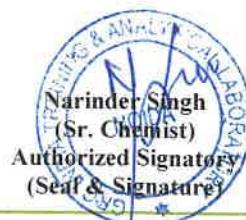
RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters
		Methane (CH ₄); $\mu\text{g}/\text{m}^3$
GRC-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020		
1	29.05.2025	<1.0

End of Report

Reviewed By



GRC-LAB/QF-039

Rev.00

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Test Report

Report Code: N20250516-007

Issue Date: 16.05.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Monitoring Data Received on: 15.05.2025

Sample Description: Ambient Noise

RESULTS

(Ambient Noise Monitoring Data)

SAMPLING DETAILS

Date of Monitoring : 13.05.2025
Monitoring Done by : Mr. Maan Singh
Monitoring Protocol : IS 9989: 1981, RA 2023
Weather Condition : Clear Sky
Monitoring Duration : 24 Hours

S. No.	Location	Zone	Noise Levels, Leq, dB (A)		Observed Noise Levels. Leq, dB (A)	
			Day Time*	Night Time**	Day Time*	Night Time**
Prescribed Limit {As per Airport Standard Notification, E-413, 2018}						
1	Near NIA Office-Project Site	Airport Area	70	65	56.9	48.7
2	Near Project Site Batching Plant	Airport Area	70	65	60.3	49.8

* Day Time 6.00 AM to 10.00 PM

**Night Time 10.00 PM to 6.00 AM

Note: The detailed Noise monitoring data is enclosed as Annexure-1

End of Report

Reviewed By

Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

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Issue Date: 02.07.2018



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Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jhewar
Uttar Pradesh-201315.
Monitoring Location: NIA Office- Project Site
Sample Description: Ambient Noise

ANNEXURE-1

Monitoring Data Received On: 15.05.2025

Computation Data- Ambient Noise

Day Time (6:00 Am to 10:00 Pm)	N₆	N₇	N₈	N₉	N₁₀	N₁₁	N₁₂	N₁₃	N₁₄	N₁₅	N₁₆	N₁₇	N₁₈	N₁₉	N₂₀	N₂₁
Noise Measurement (dB)																
L _{min}	L₉₀	L_{eq}	L₁₀	L_{max}	L_{day}	L₅₀										
52.6	53.9	52.3	50.8	53.1	58.9	55.2	59.9	54.8	57.6	62.9	58.7	52.6	57.9	53.5	54.3	
Night Time																
N ₂₂	N₂₃	N₂₄	N₁	N₂	N₃	N₄	N₅									
L _{min}	L₉₀	L_{eq}	L₁₀	L_{max}	L_{day}	L₅₀										
49.2	45.3	42.8	51.2	48.9	46.5	50.3	50.1									
Noise Measurement (dB)																
L _{day}	L₉₀	L_{eq}	L₁₀	L_{max}	L_{day}	L₅₀										
42.8	44.6	48.7	50.6	51.2	48.0	49.1										
Noise Measurement Results for 24 Hrs.																
	L_{day}	L_{9ht}	L_{max}	L_{min}	L_{eq D}	L_{eq N}										
	55.6	48.0	62.9	42.8	56.9	48.7										

Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)



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ANNEXURE-1

Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jhewar
 Uttar Pradesh-203135.
Monitoring Location: Batching Plant
Sample Description: Ambient Noise

Computation Data- Ambient Noise

Day Time (6:00 Am to 10:00 Pm)	N ₆	N ₇	N ₈	N ₉	N ₁₀	N ₁₁	N ₁₂	N ₁₃	N ₁₄	N ₁₅	N ₁₆	N ₁₇	N ₁₈	N ₁₉	N ₂₀	N ₂₁
L _{min}	61.4	56.9	57.6	56.3	59.6	62.3	62.7	64.7	65.9	59.2	58.5	58.6	53.2	52.6	52.3	51.4
Noise Measurement (dB)	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀										
Night Time (10:00 Pm to 6:00 Am)	51.4	52.5	60.3	63.7	65.9	58.3	58.6									
Noise Measurement (dB)	N ₂₂	N ₂₃	N ₂₄	N ₁	N ₂	N ₃	N ₄	N ₅								
	52.3	49.8	47.6	48.6	47.5	48.6	49.9	51.6								
Noise Measurement Results for 24 Hrs.	L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀									
	47.5	47.6	49.8	51.8	52.3	49.5	49.2									
	L _{day}	L _{nht}	L _{max}	L _{min}	L _{eqD}	L _{eqN}										
	58.3	49.5	65.9	47.5	60.3	49.8										

Narinder Singh
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Test Report

Report Code: N20250531-008

Issue Date: 31.05.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Monitoring Data Received on: 31.05.2025

Sample Description: Ambient Noise

RESULTS

(Ambient Noise Monitoring Data)

SAMPLING DETAILS

Date of Monitoring	:	29.05.2025
Monitoring Done by	:	Mr. Sonu Sen
Monitoring Protocol	:	IS 9989: 1981, RA 2023
Weather Condition	:	Clear Sky
Monitoring Duration	:	24 Hours

S. No.	Location	Zone	Noise Levels, Leq, dB (A)		Observed Noise Levels. Leq, dB (A)	
			Day Time*	Night Time**	Day Time*	Night Time**
Prescribed Limit {As per Airport Standard Notification, E-413, 2018}						
1	Near NIA Office-Project Site	Airport Area	70	65	63.6	52.8
Prescribed Limit {As per Noise Pollution (Regulation & Control) Rules, 2000}						
2	Village Dayanatpur	Residential area	55	45	44.9	38.6

* Day Time 6.00 AM to 10.00 PM

**Night Time 10.00 PM to 6.00 AM

Note: The detailed Noise monitoring data is enclosed as Annexure-2

End of Report

Reviewed By

Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev:00

Issue Date: 02.07.2018

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ANNEXURE-2

**Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jhewar
 Uttar Pradesh-203135.**

**Monitoring Location: NIA Office- Project Site
 Sample Description: Ambient Noise**

Monitoring Data Received On: 30.05.2025

Computation Data- Ambient Noise

Day Time (6:00 Am to 10:00 Pm)	N₆	N₇	N₈	N₉	N₁₀	N₁₁	N₁₂	N₁₃	N₁₄	N₁₅	N₁₆	N₁₇	N₁₈	N₁₉	N₂₀	N₂₁
58.1	57.5	56.4	65.2	66.9	63.7	58.2	62.3	62.5	65.6	63.8	58.2	63.4	65.2	68.7	58.9	
Noise Measurement (dB)	L_{min}	L₉₀	L_{eq}	L₁₀	L_{max}	L_{day}	L₅₀									
56.4	57.8	63.6	66.3	68.7	62.2	63.0										
Night Time (10:00 Pm to 6:00 Am)	N₂₂	N₂₃	N₂₄	N₁	N₂	N₃	N₄	N₅								
	53.9	54.8	51.2	52.6	50.6	55.3	50.3	50.2								
Noise Measurement (dB)	L_{min}	L₉₀	L_{eq}	L₁₀	L_{max}	L_{day}	L₅₀									
	50.2	50.3	52.8	55.0	55.3	52.4	51.9									
Noise Measurement Results for 24 Hrs.	L_{day}	L_{nh}	L_{max}	L_{min}	L_{eqD}	L_{eqN}										
	62.2	52.4	68.7	50.2	63.6	52.8										

Narinder Singh
 (Sr. Chemist)
 Authorized Signatory
 (Seal & Signature)



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ANNEXURE-2

Issued To: M/s. Yamuna International Airport Private Limited,
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 Uttar Pradesh-203135.
 Monitoring Location: Village Dayanatpur
 Sample Description: Ambient Noise

Computation Data- Ambient Noise

Day Time (6:00 Am to 10:00 Pm)	N ₆	N ₇	N ₈	N ₉	N ₁₀	N ₁₁	N ₁₂	N ₁₃	N ₁₄	N ₁₅	N ₁₆	N ₁₇	N ₁₈	N ₁₉	N ₂₀	N ₂₁	
45.6	43.2	41.6	46.8	47.6	49.3	42.3	41.6	42.9	43.6	42.6	45.3	47.2	41.2	42.3	44.5		
Noise Measurement (dB)	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀											
41.2	41.6	44.9	47.4	49.3	44.2	43.4											
Night Time (10:00 Pm to 6:00 Am)	N ₂₂	N ₂₃	N ₂₄	N ₁	N ₂	N ₃	N ₄	N ₅									
	39.5	36.2	35.5	39.5	36.5	39.1	40.2	39.7									
Noise Measurement (dB)	L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀										
	35.5	36.0	38.6	39.9	40.2	38.3	39.3										
Noise Measurement Results for 24 Hrs.	L _{day}	L _{night}	L _{max}	L _{min}	L _{eqD}	L _{eqN}											
	44.2	38.3	49.3	35.5	44.9	38.6											



Monitoring Data Received On: 30.05.2025



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Test Report

Report Code: DW20250521-007(A)

Issue Date: 21.05.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 13.05.2025

Analysis Duration: 14.05.2025 to 20.05.2025

Sample Description: Drinking Water

RESULTS (Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	13.05.2025
Sampling Location	:	NIA Office-Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-1): 2021
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Liter
Sample Packing & Marking	:	Plastic Bottle & NIA/MAY/DW-01

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)		Results	Test Method
			Desirable Limit	Permissible Limit		
1.	Colour	CU	5	15	<5.0	IS 3025 (Part-4): 2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5): 2018
3.	Turbidity	NTU	1	5	<1.0	IS 3025 (Part-10): 2023
4.	pH	-	6.5-8.5	No Relaxation	7.05	IS 3025 (Part-11): 2022
5.	Total Dissolved Solids (TDS)	mg/l	500	2000	124	IS 3025 (Part-16): 2023
6.	Total Hardness (as CaCO ₃)	mg/l	200	600	55.8	IS 3025 (Part-21): 2009, RA 2023
7.	Total Alkalinity (as CaCO ₃)	mg/l	200	600	27.6	IS 3025 (Part-23): 2023
8.	Chlorides (as Cl)	mg/l	250	1000	26	IS 3025 (Part-32): 1988, RA 2019
9.	Fluoride (as F)	mg/l	1	1.5	0.36	APHA 24 th Ed., 4500F-D: 2023
10.	Calcium (as Ca ²⁺)	mg/l	75	200	13	IS 3025 (Part-40): 2024
11.	Magnesium (as Mg ²⁺)	mg/l	30	100	5.5	APHA 24 th Ed., 3500Mg-B: 2023
12.	Sulphate (as SO ₄)	mg/l	200	400	12.8	IS 3025 (Part-24/Sec-1): 2022
13.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	0.27	IS 3025 (Part-34/Sec-1): 2023
14.	Ammonia (as NH ₃)	mg/l	0.5	No Relaxation	<0.1	IS 3025 (Part-34/Sec-1): 2023
15.	Free Residual Chlorine (as Cl ₂)	mg/l	0.2	1	<0.1	IS 3025 (Part-26): 2021
16.	Iron (as Fe)	mg/l	0.3	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-ES)

Reviewed By

Rahul Singh
Sr. Chemist
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018

GRC-LAB/QF-039

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Test Report

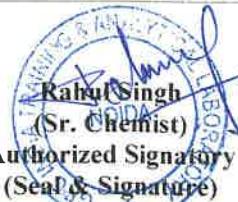
Report Code: DW20250521-007(A)

Issue Date: 21.05.2025

17.	Aluminum (as Al)	mg/l	0.03	0.2	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
18.	Barium (as Ba)	mg/l	0.07	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
19.	Copper (as Cu)	mg/l	0.05	1.5	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
20.	Manganese (as Mn)	mg/l	0.1	0.3	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
21.	Boron (as B)	mg/l	0.5	1	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
22.	Zinc (as Zn)	mg/l	5	15	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
23.	Selenium (as Se)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES-VGA)
24.	Silver (as Ag)	mg/l	0.1	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
25.	Molybdenum (as Mo)	mg/l	0.07	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
26.	Arsenic (as As)	mg/l	0.01	0.05	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES-VGA)
27.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
29.	Cyanide (as CN)	mg/l	0.05	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
30.	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
31.	Mercury (as Hg)	mg/l	0.001	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES-VGA)
32.	Nickel (as Ni)	mg/l	0.02	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
33.	Sulphide (as S)	mg/l	0.05	No Relaxation	<0.01	IS 3025 (Part-29): 2022
34.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	<0.001	IS 3025 (Part-43/Sec-1): 2022
35.	Anionic Detergent (as MBAS)	mg/l	0.2	1	<0.01	IS 3025 (Part-68): 2019, RA 2023
36.	Electrical Conductivity	µS/cm	---	---	187	IS 3025 (Part-14): 2013, RA 2023

End of Report

Reviewed By


 Rahul Singh
 (Sr. Chemist)
 Authorized Signatory
 (Seal & Signature)

GRC-LAB/QF-039

Rev.:00

Issue Date: 02.07.2018

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Phone No.: 0120 - 4044630, 4044660; Fax: 0120 - 2406519, 0120 - 4044675

Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com

Test Report

Report Code: DW20250519-007(B)

Issue Date: 19.05.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 13.05.2025

Analysis Duration: 14.05.2025 to 17.05.2025

Sample Description: Drinking Water

RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	13.05.2025
Sampling Location	:	NIA Office-Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-25): 2022
Weather Condition	:	Clear Sky
Sample Quantity	:	0.4 Liter
Sample Packing & Marking	:	Sterile Glass Bottle & NIA/MAY/DW-01

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)	Results	Test Method
1.	Total Coliform	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Not Detected)	IS 1622: 1981, RA 2019
2.	E. coli	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Absent)	IS 1622: 1981, RA 2019

End of Report

Reviewed By

Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

Issue Date: 02.07.2018

Note:

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Test Report

Report Code: GW20250521-007(A)

Issue Date: 21.05.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 13.05.2025

Analysis Duration: 14.05.2025 to 20.05.2025

Sample Description: Ground Water

RESULTS (Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	13.05.2025
Sampling Location	:	Near NIA Office- Project site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-1): 2021
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Liter
Sample Packing & Marking	:	Plastic Bottle & NIA/MAY/GW-01

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)		Results	Test Method
			Desirable Limit	Permissible Limit		
1.	Colour	CU	5	15	<5.0	IS 3025 (Part-4): 2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5): 2018
3.	Turbidity	NTU	1	5	2	IS 3025 (Part-10): 2023
4.	pH	-	6.5-8.5	No Relaxation	7.72	IS 3025 (Part-11): 2022
5.	Total Dissolved Solids (TDS)	mg/l	500	2000	2642	IS 3025 (Part-16): 2023
6.	Total Hardness (as CaCO ₃)	mg/l	200	600	525.9	IS 3025 (Part-21): 2009, RA 2023
7.	Total Alkalinity (as CaCO ₃)	mg/l	200	600	541.8	IS 3025 (Part-23): 2023
8.	Chlorides (as Cl)	mg/l	250	1000	459.9	IS 3025 (Part-32): 1988, RA 2019
9.	Fluoride (as F)	mg/l	1	1.5	1.32	APHA 24 th Ed., 4500F-D: 2023
10.	Calcium (as Ca ²⁺)	mg/l	75	200	123	IS 3025 (Part-40): 2024
11.	Magnesium (as Mg ²⁺)	mg/l	30	100	52.6	APHA 24 th Ed., 3500Mg-B: 2023
12.	Sulphate (as SO ₄)	mg/l	200	400	792	IS 3025 (Part-24/Sec-1): 2022
13.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	9.1	IS 3025 (Part-34/Sec-1): 2023
14.	Ammonia (as NH ₃)	mg/l	0.5	No Relaxation	<0.1	IS 3025 (Part-34/Sec-1): 2023
15.	Free Residual Chlorine (asCl ₂)	mg/l	0.2	1	<0.1	IS 3025 (Part-26): 2021

Reviewed By

Rahul Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

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Test Report

Report Code: GW20250521-007(A)

Issue Date: 21.05.2025

16.	Iron (as Fe)	mg/l	0.3	No Relaxation	0.21	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
17.	Aluminum (as Al)	mg/l	0.03	0.2	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
18.	Barium (as Ba)	mg/l	0.07	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
19.	Copper (as Cu)	mg/l	0.05	1.5	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
20.	Manganese (as Mn)	mg/l	0.1	0.3	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
21.	Boron (as B)	mg/l	0.5	1	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
22.	Zinc (as Zn)	mg/l	5	15	0.06	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
23.	Selenium (as Se)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
24.	Silver (as Ag)	mg/l	0.1	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
25.	Molybdenum (as Mo)	mg/l	0.07	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
26.	Arsenic (as As)	mg/l	0.01	0.05	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
27.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
29.	Cyanide (as CN)	mg/l	0.05	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
30.	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
31.	Mercury (as Hg)	mg/l	0.001	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
32.	Nickel (as Ni)	mg/l	0.02	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
33.	Sulphide (as S)	mg/l	0.05	No Relaxation	<0.01	IS 3025 (Part-29): 2022
34.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	<0.001	IS 3025 (Part-43/Sec-1): 2022
35.	Anionic Detergent (as MBAS)	mg/l	0.2	1	<0.01	IS 3025 (Part-68): 2019, RA 2023
36.	Electrical Conductivity	µS/cm	---	---	4002	IS 3025 (Part-14): 2013, RA 2023

End of Report

Reviewed By

Rahul Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

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Issue Date: 02.07.2018



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Test Report

Report Code: GW20250519-007(B)

Issue Date: 19.05.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 13.05.2025

Analysis Duration: 14.05.2025 to 17.05.2025

Sample Description: Ground Water

RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	13.05.2025
Sampling Location	:	Near NIA Office- Project site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-25): 2022
Weather Condition	:	Clear Sky
Sample Quantity	:	0.4 Liter
Sample Packing & Marking	:	Sterile Glass Bottle & NIA/MAY/GW-01

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)	Results	Test Method
1.	Total Coliform	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Not Detected)	IS 1622: 1981, RA 2019
2.	<u>E. coli</u>	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Absent)	IS 1622: 1981, RA 2019

End of Report

Reviewed By

Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018

GRC-LAB/QF-039

Rev.:00

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Test Report

Report Code: WW20250521-007(A)

Issue Date: 21.05.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 13.05.2025

Analysis Duration: 14.05.2025 to 20.05.2025

Sample Description: Waste Water- STP Outlet

RESULTS

(Waste Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	13.05.2025
Sampling Location	:	STP-Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-10): 2021
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Liter
Sample Packing & Marking	:	Plastic Bottle & NIA/MAY/WW-01

S. No.	Parameters	Units	Results	Requirements as per Gazette No. 843: 2017	Test Method
				Permissible Limit	
1.	pH Value	-	8.13	5.5 - 9.0	IS 3025 (Part-11): 2022
2.	Total Suspended Solids (TSS)	mg/l	18.0	Max. 50	IS 3025 (Part-17): 2022
3.	Biochemical Oxygen Demand (BOD) for 3 Days at 27°C	mg/l	8.0	Max. 20	IS 3025 (Part-44): 2023
4.	Chemical Oxygen Demand (COD)	mg/l	20.0	--	IS 3025 (Part-58): 2023
5.	Specific Conductivity	µS/cm	3513	--	IS 3025 (Part-14): 2013, RA 2023
6.	Calcium (as Ca ²⁺)	mg/l	87.0	--	IS 3025 (Part-40): 2024
7.	Magnesium (as Mg ²⁺)	mg/l	61.0	--	APHA 24 th Ed., 3500Mg-B: 2023
8.	Ammonical Nitrogen (as NH ₃ -N)	mg/l	1.04	--	IS 3025 (Part-34/Sec-1): 2023
9.	Total Kjeldal Nitrogen (as N)	mg/l	1.7	--	IS 3025 (Part-34/Sec-1): 2023
10.	Oil & Grease	mg/l	<4	--	IS 3025 (Part-39): 2021
11.	Free Residual Chlorine (as Cl ₂)	mg/l	<0.1	--	IS 3025 (Part-26): 20212
12.	Sulphide (as S)	mg/l	0.13	--	IS 3025 (Part-29): 2022
13.	Sodium (as Na)	mg/l	401.0	--	IS 3025 (Part-45): 2024
14.	Potassium (as K)	mg/l	38.0	--	IS 3025 (Part-45): 2024
15.	Cyanide (as CN)	mg/l	<0.01	--	IS 3025 (Part-27/Sec-1): 2021

Reviewed By

Rahul Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

Issue Date: 22.07.2018

GRC-LAB/QF-039

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Test Report

Report Code: WW20250521-007(A)

Issue Date: 21.05.2025

16.	Lead (as Pb)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
17.	Total Chromium (as Cr)	mg/l	<0.1	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
18.	Copper (as Cu)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
19.	Zinc (as Zn)	mg/l	0.48	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
20.	Nickel (as Ni)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
21.	Boron (as B)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
22.	Arsenic (as As)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
23.	Mercury (as Hg)	mg/l	<0.001	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
24.	Cadmium (as Cd)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
25.	Selenium (as Se)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
26.	Iron (as Fe)	mg/l	0.36	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
27.	Manganese (as Mn)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
28.	Aluminum (as Al)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
29.	Barium (as Ba)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)

End of Report

Reviewed By

Rahul Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRG-LAB/QF-039

Rev.:00

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Issue Date: 02.07.2018



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Test Report

Report Code: WW20250519-007(B)

Issue Date: 19.05.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 13.05.2025

Analysis Duration: 14.05.2025 to 17.05.2025

Sample Description: Waste Water- STP Outlet

RESULTS

(Waste Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	13.05.2025
Sampling Location	:	STP-Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-25): 2022
Weather Condition	:	Clear Sky
Sample Quantity	:	0.4 Liter
Sample Packing & Marking	:	Sterile Glass Bottle & NIA/MAY/WW-01

S. No.	Parameters	Units	Permissible Limit as per Gazette No. 843: 2017	Results	Test Method
1.	Total Coliform	MPN/100ml	--	980	APHA 24th Edition 9221-B: 2023
2.	Fecal Coliform	MPN/100ml	Max. 1000	640	APHA 24th Edition 9221-E: 2023

End of Report

Reviewed By

Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018

GRC-LAB/QF-039

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Test Report

Report Code: S20250321-007

Issue Date: 21.05.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 13.05.2025
Analysis Duration: 14.05.2025 to 20.05.2025

Sample Description: Soil Sample

RESULTS (Soil Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	13.05.2025
Sampling Location	:	J-1 Circle No. 1- Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	GRC/LAB/STP/01: 2018
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Kg (Composite sample)
Sample Packing & Marking	:	Zip Polybag & NIA/MAY/SQ-01

S. No.	Parameters	Units	Results	Test Method
1.	Texture	-	Sandy Loam	GRC-LAB/STP-SOIL/22; 2018
2.	Particle Size Distribution	-	--	IS 2720 (Part-4): 1985, RA 2020
	Sand	%	65.2	
	Silt	%	15.9	
	Clay	%	18.9	
3.	pH (1:2 Suspension)	-	7.61	IS 2720 (Part-26): 1987, RA 2021
4.	Electrical Conductivity (1:2 Suspension)	µS/cm	527	IS 14767: 2000, RA 2021
5.	Available Potassium (as K)	mg/kg	61.4	GRC-LAB/STP-SOIL/07; 2018
6.	Chloride (as Cl)	mg/kg	276.1	GRC-LAB/STP-SOIL/14; 2018
7.	Total Kjeldahl Nitrogen (as N)	mg/kg	41.6	IS 14684: 1999, RA 2019
8.	Exchangeable Phosphorus (as P)	mg/kg	5.9	USEPA Method 365.3: 1978
9.	Iron (as Fe)	mg/kg	11.4	USEPA Method 3051-A (Rev.-01): 2007
10.	Zinc (as Zn)	mg/kg	2.7	USEPA Method 3051-A (Rev.-01): 2007

Reviewed By

Narendra Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

Issue Date: 02.07.2018

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Website: <https://www.grg-india.com>; E-mail: lab@grg-india.com; info@grg-india.com



Test Report

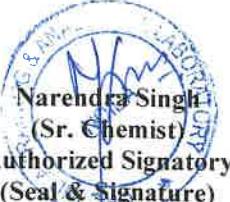
Report Code: S20250321-007

Issue Date: 21.05.2025

11.	Nickel (as Ni)	mg/kg	0.7	USEPA Method 3051-A (Rev.-01): 2007
12.	Manganese (as Mn)	mg/kg	2.9	USEPA Method 3051-A (Rev.-01): 2007
13.	Cobalt (as Co)	mg/kg	0.4	USEPA Method 3051-A (Rev.-01): 2007
14.	Lead (as Pb)	mg/kg	<0.1	USEPA Method 3051-A (Rev.-01): 2007
15.	Copper (as Cu)	mg/kg	1.28	USEPA Method 3051-A (Rev.-01): 2007
16.	Arsenic (as As)	mg/kg	0.42	USEPA Method 3051-A (Rev.-01): 2007
17.	Molybdenum (as Mo)	mg/kg	0.31	3050-B,PP 1-12, USEPA, 2nd Rew.: 1996
18.	Mercury (as Hg)	mg/kg	0.13	USEPA Method 3051-A (Rev.-01): 2007
19.	Total Chromium (as Cr+3)	mg/kg	0.3	USEPA Method 3051-A (Rev.-01): 2007
20.	Organic Carbon	%	0.68	IS 2720 (Part-22): 1972
21.	Bulk Density	gm/cm ³	1.32	GRC-LAB/STP-SOIL/12; 2018
22.	Cation Exchange Capacity	meq/100gm	10.2	IS 2720 (Part-24): 1976, RA 2020
23.	Exchangeable Sodium (as Na)	mg/kg	184	GRC-LAB/STP-SOIL/; 2018
24.	Exchangeable Calcium (as Ca)	mg/kg	1927	GRC-LAB/STP-SOIL/08, Issue no. 02, issue Date: 02.07.2018: 2018
25.	Exchangeable Magnesium (as Mg)	mg/kg	280	GRC-LAB/STP-SOIL/08, Issue no. 02, issue Date: 02.07.2018: 2018
26.	Sodium Absorption Ratio	meq/kg	1.04	GRC-LAB/STP-SOIL/19, Issue no. 02, issue Date: 02.07.2018: 2018
27.	Selenium (as Se)	mg/kg	<0.1	USEPA Method 3051-A (Rev.-01): 2007
28.	Moisture	%	9.4	IS 2720 (Part-2): 1973, RA 2020
29.	Aluminum (as Al)	mg/kg	0.5	USEPA Method 3051-A (Rev.-01): 2007
30.	Organic Matter	%	0.95	IS 2720 (Part-22): 1972, RA 2020

End of Report

Reviewed By


Narendra Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRG-LAB/QF-039

Rev.00

Issue Date: 02.07.2018

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POST EC BASELINE ENVIRONMENTAL MONITORING REPORT

**M/S. YAMUNA INTERNATIONAL AIRPORT PRIVATE LIMITED
Administrative Office, Noida International Airport, Kishorepur,
Gautam Buddha Nagar, Jewar, Uttar Pradesh-203135**

JUNE 2025



Submitted By:

**GRC INDIA TRAINING & ANALYTICAL LABORATORY,
(A Unit of GRC India Private Limited)**

**NABL Accredited & MoEF&CC Recognized Laboratory
F-375, Sector-63, Noida, U.P.**

Ph.: 0120- 4044630, Telefax: 0120- 2406519

Email: lab@grc-india.com

Website: <http://www.grc-india.com>

ANNEXURE-I

(TEST REPORTS)



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Test Report

Report Code: A20250627-001-01

Issue Date: 27.06.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar Uttar Pradesh-203135

Analysis Duration: 24.06.2025 to 26.06.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location : Near NIA Office-Project Site

Sample Collected by : Mr. Maan Singh

Sampling Protocol : GRC/LAB/STP/AIR/01: 2018

Weather Condition : Clear Sky

Sampling Duration : 24 Hours

Sampling Duration for CO : 1 Hour

Sampler Installation Height : 4.0 Meter above Ground Level

Sample Packing & Marking : Plastic Bottle/ Zip Polybag & NIA/JUNE/A001

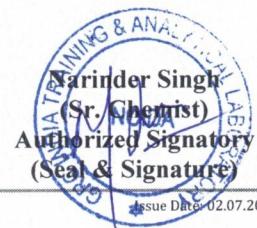
RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters							
		Particulate Matter (PM ₁₀); $\mu\text{g}/\text{m}^3$	Particulate Matter (PM _{2.5}); $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂); $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂); $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO); $\mu\text{g}/\text{m}^3$	Lead (pb); $\mu\text{g}/\text{m}^3$	Ammonia (NH ₃); $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆); $\mu\text{g}/\text{m}^3$
		IS 5182 (Part 23); 2006 (RA 2022)	IS 5182 (Part 24); 2019 (RA 2024)	IS 5182 (Part 2/Sec-1); 2023	IS 5182 (Part 6); 2006 (RA 2022)	IS 5182 (Part 10); 1999 (RA 2019)	IS 5182 (Part 22); 2004 (RA 2019)	IS 5182 (Part 25); 2018 (RA 2019)	IS 5182 (Part 11); 2006 (RA 2022)
National Ambient Air Quality Standards (2009)		100	60	80	80	4000	1	400	5
1	23.06.2025	84.5	45.3	9.4	21.4	240	<0.1	<1.0	<1.0

End of Report

Reviewed By



GRC-LAB/QF-039

Rev.:00

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Test Report

Report Code: A20250627-001-01

Issue Date: 27.06.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar Uttar Pradesh-203135

Analysis Duration: 24.06.2025 to 26.06.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near NIA Office-Project Site
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	GRG/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	4 Hours
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/JUNE/A001

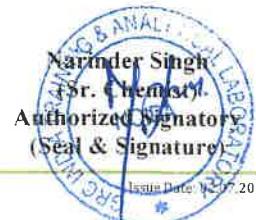
RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters
		Methane (CH ₄); $\mu\text{g}/\text{m}^3$
GRG-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020		
1	23.06.2025	<1.0

End of Report

Reviewed By



GRG-LAB/QF-039

Rev.:00

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Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com



Test Report

Report Code: A20250627-001-02

Issue Date: 27.06.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar Uttar Pradesh-203135

Analysis Duration: 24.06.2025 to 26.06.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location

: Near Project Site Batching Plant

Sample Collected by

: Mr. Maan Singh

Sampling Protocol

: GRC/LAB/STP/AIR/01: 2018

Weather Condition

: Clear Sky

Sampling Duration

: 24 Hours

Sampling Duration for CO

: 1 Hour

Sampler Installation Height

: 4.0 Meter above Ground Level

Sample Packing & Marking

: Plastic Bottle/ Zip Polybag & NIA/JUNE/A001

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters							
		Particulate Matter (PM ₁₀); $\mu\text{g}/\text{m}^3$	Particulate Matter (PM _{2.5}); $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂); $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂); $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO); $\mu\text{g}/\text{m}^3$	Lead (pb); $\mu\text{g}/\text{m}^3$	Ammonia (NH ₃); $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆); $\mu\text{g}/\text{m}^3$
		IS 5182 (Part 23): 2006 (RA 2022)	IS 5182 (Part 24): 2019 (RA 2024)	IS 5182 (Part 2/Sec-1): 2023	IS 5182 (Part 6): 2006 (RA 2022)	IS 5182 (Part 10): 1999 (RA 2019)	IS 5182 (Part 22): 2004 (RA 2019)	IS 5182 (Part 25): 2018 (RA 2019)	IS 5182 (Part 11): 2006 (RA 2022)
National Ambient Air Quality Standards (2009)		100	60	80	80	4000	1	400	5
1	23.06.2025	91.2	50.7	10.1	25.4	280	<0.1	<1.0	<1.0

End of Report

Reviewed By



GRC-LAB/QF-039

Rev.00

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Test Report

Report Code: A20250627-001-02

Issue Date: 27.06.2025

Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jewar Uttar Pradesh-203135

Analysis Duration: 24.06.2025 to 26.06.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near Project Site Batching Plant
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	4 Hours
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/JUNE/A001

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters
		Methane (CH ₄); $\mu\text{g}/\text{m}^3$
		GRC-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020
1	23.06.2025	<1.0

****End of Report****

Reviewed By

Narinder Singh
 (Sr. Chemist)
 Authorized Signatory
 (Seal & Signature)

Issue Date: 27.06.2025

GRC-LAB/QF-039

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Test Report

Report Code: N20250626-001

Issue Date: 26.06.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Monitoring Data Received on: 25.06.2025

Sample Description: Ambient Noise

RESULTS

(Ambient Noise Monitoring Data)

SAMPLING DETAILS

Date of Monitoring : 23.06.2025
Monitoring Done by : Mr. Maan Singh
Monitoring Protocol : IS 9989: 1981, RA 2023
Weather Condition : Clear Sky
Monitoring Duration : 24 Hours

S. No.	Location	Zone	Noise Levels, Leq, dB (A)		Observed Noise Levels. Leq, dB (A)	
			Day Time*	Night Time**	Day Time*	Night Time**
Prescribed Limit {As per Airport Standard Notification, E-413, 2018}						
1	Near NIA Office-Project Site	Airport Area	70	65	59.2	50.5
2	Near Project Site Batching Plant	Airport Area	70	65	64.0	53.0

* Day Time 6.00 AM to 10.00 PM

**Night Time 10.00 PM to 6.00 AM

Note: The detailed Noise monitoring data is enclosed as Annexure-1

End of Report

Reviewed By

Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)
GRG LAB/QF-039
Issue Date: 26.06.2025

GRG-LAB/QF-039

Rev.00

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Website: <https://www.grc-india.com> E-mail : lab@grc-india.com



Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jhewar
 Uttar Pradesh-201315.
 Monitoring Location: NIA Office- Project Site
 Sample Description: Ambient Noise

ANNEXURE-1

Monitoring Data Received On: 25.06.2025

Computation Data- Ambient Noise

Day Time (6:00 Am to 10:00 Pm)	N ₆	N ₇	N ₈	N ₉	N ₁₀	N ₁₁	N ₁₂	N ₁₃	N ₁₄	N ₁₅	N ₁₆	N ₁₇	N ₁₈	N ₁₉	N ₂₀	N ₂₁	
53.2	56.1	55.8	59.4	61.1	59.9	57.2	62.9	56.8	57.6	62.9	63.7	54.6	53.9	54.5	56.3		
Noise Measurement (dB)	L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀										
53.2	54.2	59.2	62.9	63.7	57.9	57.0											
Night Time (10:00 Pm to 6:00 Am)	N ₂₂	N ₂₃	N ₂₄	N ₁	N ₂	N ₃	N ₄	N ₅									
	50.2	49.9	47.8	51.8	49.9	47.9	51.3	52.8									
Noise Measurement (dB)	L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀										
	47.8	47.9	50.5	52.1	52.8	50.2	50.1										
Noise Measurement Results for 24 Hrs.	L _{day}	L _{night}	L _{max}	L _{min}	L _{eq D}	L _{eq N}											
	57.9	50.2	63.7	47.8	59.2	50.5											





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Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com



GRC India

Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jhewar
 Uttar Pradesh-201315.
 Monitoring Location: Batching Plant
 Sample Description: Ambient Noise

ANNEXURE-1

Monitoring Data Received On: 25.06.2025

Computation Data- Ambient Noise

Day Time (6:00 Am to 10:00 Pm)	N ₆	N ₇	N ₈	N ₉	N ₁₀	N ₁₁	N ₁₂	N ₁₃	N ₁₄	N ₁₅	N ₁₆	N ₁₇	N ₁₈	N ₁₉	N ₂₀	N ₂₁
61.4	58.9	62.6	67.3	63.6	65.3	65.7	64.7	67.9	60.8	59.5	65.6	66.2	60.6	57.3	59.4	
Noise Measurement (dB)	L₉₀	L_{eq}	L₁₀	L_{max}	L_{day}	L₅₀										
57.3	59.2	64.0	66.8	67.9	62.9	63.1										
Night Time	N₂₂	N₂₃	N₂₄	N₁	N₂	N₃	N₄	N₅								
58.3	50.8	47.9	50.6	48.5	49.2	50.9	55.6									
Noise Measurement (dB)	L_{min}	L₉₀	L_{eq}	L₁₀	L_{max}	L_{day}	L₅₀									
47.9	48.3	53.0	56.4	58.3	51.5	50.7										
Noise Measurement Results for 24 Hrs.	L_{day}	L_{night}	L_{max}	L_{min}	L_{eq D}	L_{eq N}										
62.9	51.5	67.9	47.9	64.0	53.0											





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Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com



Test Report

Report Code: W20250702-001(A)

Issue Date: 02.07.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Description: Drinking Water

Sample Received On: 24.06.2025

Analysis Duration: 25.06.2025 to 01.07.2025

RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	24.06.2025
Sampling Location	:	Road No.-3 Labour Centre
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	IS 17614 (Part-1): 2021
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Liter
Sample Packing & Marking	:	Plastic Bottle & NIA/JUNE/DW-01

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)		Results	Test Method
			Desirable Limit	Permissible Limit		
1.	Colour	CU	5	15	<5.0	IS 3025 (Part-4): 2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5): 2018
3.	Turbidity	NTU	1	5	<1.0	IS 3025 (Part-10): 2023
4.	pH	-	6.5-8.5	No Relaxation	6.68	IS 3025 (Part-11): 2022
5.	Total Dissolved Solids (TDS)	mg/l	500	2000	104	IS 3025 (Part-16): 2023
6.	Total Hardness (as CaCO ₃)	mg/l	200	600	57.1	IS 3025 (Part-21): 2009, RA 2023
7.	Total Alkalinity (as CaCO ₃)	mg/l	200	600	32.8	IS 3025 (Part-23): 2023
8.	Chlorides (as Cl)	mg/l	250	1000	26.9	IS 3025 (Part-32): 1988, RA 2019
9.	Fluoride (as F)	mg/l	1	1.5	0.28	APHA 24 th Ed., 4500F-D: 2023
10.	Calcium (as Ca ²⁺)	mg/l	75	200	14	IS 3025 (Part-40): 2024
11.	Magnesium (as Mg ²⁺)	mg/l	30	100	5.50	APHA 24 th Ed., 3500Mg-B: 2023
12.	Sulphate (as SO ₄)	mg/l	200	400	12.4	IS 3025 (Part-24/Sec-1): 2022
13.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	0.25	IS 3025 (Part-34/Sec-1): 2023
14.	Ammonia (as NH ₃)	mg/l	0.5	No Relaxation	<0.1	IS 3025 (Part-34/Sec-1): 2023
15.	Free Residual Chlorine (as Cl ₂)	mg/l	0.2	1	<0.1	IS 3025 (Part-26): 2021
16.	Iron (as Fe)	mg/l	0.3	No Relaxation	<0.01	APHA 24 th Ed., 3120-E: 2023(ICP-ES)

Reviewed By

Rahul Singh
(Sr. Chemist)
Authorized Signature
(Seal & Signature)

GRC-LAB/QF-039

Rev.00

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Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com

Test Report

Report Code: W20250702-001(A)

Issue Date: 02.07.2025

17.	Aluminum (as Al)	mg/l	0.03	0.2	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
18.	Barium (as Ba)	mg/l	0.07	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
19.	Copper (as Cu)	mg/l	0.05	1.5	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
20.	Manganese (as Mn)	mg/l	0.1	0.3	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
21.	Boron (as B)	mg/l	0.5	1	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
22.	Zinc (as Zn)	mg/l	5	15	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
23.	Selenium (as Se)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES-VGA)
24.	Silver (as Ag)	mg/l	0.1	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
25.	Molybdenum (as Mo)	mg/l	0.07	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
26.	Arsenic (as As)	mg/l	0.01	0.05	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES-VGA)
27.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
29.	Cyanide (as CN)	mg/l	0.05	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
30.	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
31.	Mercury (as Hg)	mg/l	0.001	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES-VGA)
32.	Nickel (as Ni)	mg/l	0.02	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
33.	Sulphide (as S)	mg/l	0.05	No Relaxation	<0.01	IS 3025 (Part-29): 2022
34.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	<0.001	IS 3025 (Part-43/Sec-1): 2022
35.	Anionic Detergent (as MBAS)	mg/l	0.2	1	<0.01	IS 3025 (Part-68): 2019, RA 2023
36.	Electrical Conductivity	μS/cm	---	---	156	IS 3025 (Part-14): 2013, RA 2023

End of Report

Reviewed By


 Rakesh Singh
 (Sr. Chemist)
 Authorized Signatory
 (Seal & Signature)

Issue Date: 02.07.2025

GRC-LAB/QF-039

Rev.:00

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Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com

Test Report

Report Code: W20250630-001(B)

Issue Date: 30.06.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 24.06.2025

Analysis Duration: 25.06.2025 to 28.06.2025

Sample Description: Water

RESULTS (Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	24.06.2025
Sampling Location	:	Road No. 3 Labour Centre
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	IS 17614 (Part-25): 2022
Weather Condition	:	Clear Sky
Sample Quantity	:	0.4 Liter
Sample Packing & Marking	:	Sterile Glass Bottle & NIA/JUNE/W-01

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)	Results	Test Method
1.	Total Coliform	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Not Detected)	IS 1622: 1981, RA 2019
2.	E. coli	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Absent)	IS 1622: 1981, RA 2019

End of Report

Reviewed By

Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signatory
(Seal & Signature)

GRG-LAB/QF-039

Rev.00

Issue Date: 02.07.2018

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Test Report

Report Code: W20250702-001(A)

Issue Date: 02.07.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 24.06.2025

Analysis Duration: 25.06.2025 to 01.07.2025

Sample Description: Water

RESULTS

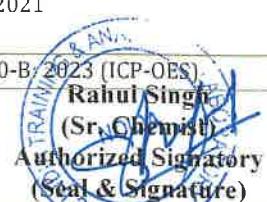
(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	24.06.2025
Sampling Location	:	Water-Drain Near Nursery Area
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	IS 17614 (Part-1): 2021
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Liter
Sample Packing & Marking	:	Plastic Bottle & NIA/JUNE/W-01

S. No.	Parameters	Units	Results	Test Method
1.	Colour	CU	5	IS 3025 (Part-4): 2021
2.	Odour	-	Agreeable	IS 3025 (Part-5): 2018
3.	Turbidity	NTU	70	IS 3025 (Part-10): 2023
4.	pH	-	7.68	IS 3025 (Part-11): 2022
5.	Total Dissolved Solids (TDS)	mg/l	2692	IS 3025 (Part-16): 2023
6.	Total Suspended Solids (TSS)	mg/l	150	IS 3025 (Part-17): 2022
7.	Total Hardness (as CaCO ₃)	mg/l	521.4	IS 3025 (Part-21): 2009, RA 2023
8.	Total Alkalinity (as CaCO ₃)	mg/l	536.2	IS 3025 (Part-23): 2023
9.	Chlorides (as Cl)	mg/l	454.8	IS 3025 (Part-32): 1988, RA 2019
10.	Fluoride (as F)	mg/l	1.28	APHA 24 th Ed., 4500F-D: 2023
11.	Calcium (as Ca ²⁺)	mg/l	125	IS 3025 (Part-40): 2024
12.	Magnesium (as Mg ²⁺)	mg/l	50.1	APHA 24 th Ed., 3500Mg-B: 2023
13.	Sulphate (as SO ₄)	mg/l	789	IS 3025 (Part-24/Sec-1): 2022
14.	Nitrate (as NO ₃)	mg/l	8.9	IS 3025 (Part-34/Sec-1): 2023
15.	Ammonia (as NH ₃)	mg/l	<0.1	IS 3025 (Part-34/Sec-1): 2023
16.	Free Residual Chlorine (as Cl ₂)	mg/l	<0.1	IS 3025 (Part-26): 2021
17.	Iron (as Fe)	mg/l	0.35	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)

Reviewed By


Rahul Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

Issue Date: 02.07.2018

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Test Report

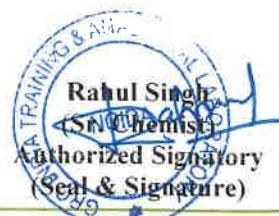
Report Code: W20250702-001(A)

Issue Date: 02.07.2025

18.	Aluminum (as Al)	mg/l	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
19.	Barium (as Ba)	mg/l	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
20.	Copper (as Cu)	mg/l	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
21.	Manganese (as Mn)	mg/l	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
22.	Boron (as B)	mg/l	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
23.	Zinc (as Zn)	mg/l	0.2	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
24.	Selenium (as Se)	mg/l	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
25.	Silver (as Ag)	mg/l	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
26.	Molybdenum (as Mo)	mg/l	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
27.	Arsenic (as As)	mg/l	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
28.	Cadmium (as Cd)	mg/l	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
29.	Total Chromium (as Cr)	mg/l	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
30.	Cyanide (as CN)	mg/l	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
31.	Lead (as Pb)	mg/l	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
32.	Mercury (as Hg)	mg/l	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
33.	Nickel (as Ni)	mg/l	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
34.	Sulphide (as S)	mg/l	<0.01	IS 3025 (Part-29): 2022
35.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	<0.001	IS 3025 (Part-43/Sec-1): 2022
36.	Anionic Detergent (as MBAS)	mg/l	<0.01	IS 3025 (Part-68): 2019, RA 2023
37.	Electrical Conductivity	µS/cm	4035	IS 3025 (Part-14): 2013, RA 2023

End of Report

Reviewed By



GRC-LAB/QF-039

Rev.:00

Issue Date: 02.07.2028

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Test Report

Report Code: W20250630-001(B)

Issue Date: 30.06.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 24.06.2025

Analysis Duration: 25.06.2025 to 28.06.2025

Sample Description: Water

RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	24.06.2025
Sampling Location	:	Water-Drain Near Nursery Area
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	IS 17614 (Part-25): 2022
Weather Condition	:	Clear Sky
Sample Quantity	:	0.4 Liter
Sample Packing & Marking	:	Sterile Glass Bottle & NIA/JUNE/W-01

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)	Results	Test Method
1.	Total Coliform	MPN/100ml	Shall not be detected in 100 ml Sample	250	IS 1622: 1981, RA 2019
2.	E. coli	MPN/100ml	Shall not be detected in 100 ml Sample	90	IS 1622: 1981, RA 2019

End of Report

Reviewed By

Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signatory
(Seal & Signature)



Issue Date: 02.07.2018

GRG-LAB/QF-039

Rev.:00

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Test Report

Report Code: WW20250702-001(A)

Issue Date: 02.07.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 24.06.2025

Analysis Duration: 25.06.2025 to 01.07.2025

Sample Description: Waste Water- ETP Outlet

RESULTS

(Waste Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	24.06.2025
Sampling Location	:	ETP Outlet- Project site
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	IS 17614 (Part-10): 2021
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Liter
Sample Packing & Marking	:	Plastic Bottle & NIA/JUNE/WW-01

S. No.	Parameters	Units	Results	CPCB Limits(EPR-1986) Schedule VI Part-A)	Test Method
				Permissible Limit	
1.	Color	CU	50	-	IS 3025 (Part-04): 2021
2.	pH @ 25°C	-	7.79	5.5 - 9.0	IS 3025 (Part-11): 2022
3.	Total Suspended Solids	mg/l	15	100	IS 3025 (Part-17): 2022
4.	Biochemical Oxygen Demand (BOD) 3 Days at 270C	mg/l	22	30	IS 3025 (Part-44): 2023
5.	Chemical Oxygen Demand	mg/l	80.0	250	IS 3025 (Part-58): 2023
6.	Oil & Grease	mg/l	<4.0	10	IS 3025 (Part-39): 2021
7.	Total Dissolved Solids	mg/l	2410	2100	IS 3025 (Part-16): 2023

End of Report

Reviewed By

Rahul Singh
(Sr. M. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

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Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com

Test Report

Report Code: WW20250630-001(B)

Issue Date: 30.06.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar
Uttar Pradesh-203135

Sample Received On: 24.06.2025

Analysis Duration: 25.06.2025 to 28.06.2025

Sample Description: Waste Water- ETP Outlet

RESULTS

(Waste Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	24.06.2025
Sampling Location	:	ETP Outlet- Project site
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	IS 17614 (Part-25): 2022
Weather Condition	:	Clear Sky
Sample Quantity	:	0.4 Liter
Sample Packing & Marking	:	Sterile Glass Bottle & NIA/JUNE/WW-01

S. No.	Parameters	Units	CPCB Limits(EPR-1986) Schedule VI Part-A)	Results	Test Method
1.	Total Coliform	MPN/100ml	—	550	APHA 24th Edition 9221-B: 2023
2.	Fecal Coliform	MPN/100ml	Max. 1000	11	APHA 24th Edition 9221-E: 2023

****End of Report****

Reviewed By

Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

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Issue Date: 02.07.2018



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Phone No.: 0120 - 4044630, 4044660; Fax: 0120 - 2406519, 0120 - 4044675

Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com



Test Report

Report Code: S20250702-001

Issue Date: 02.07.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 25.06.2025

Analysis Duration: 26.06.2025 to 01.07.2025

Sample Description: Soil Sample

RESULTS

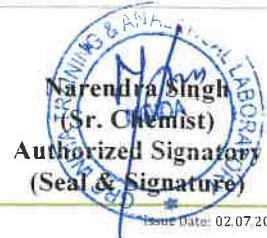
(Soil Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	24.06.2025
Sampling Location	:	Near J2 Circle - Project Site
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	GRC/LAB/STP/01: 2018
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Kg (Composite sample)
Sample Packing & Marking	:	Zip Polybag & NIA/JUNE/SQ-01

S. No.	Parameters	Units	Results	Test Method
1.	Texture	-	Sandy Clay Loam	GRC-LAB/STP-SOIL/22; 2018
2.	Particle Size Distribution	-	--	IS 2720 (Part-4): 1985, RA 2020
	Sand	%	63.4	
	Silt	%	15.8	
	Clay	%	20.8	
3.	pH (1:2 Suspension)	-	7.71	IS 2720 (Part-26): 1987, RA 2021
4.	Electrical Conductivity (1:2 Suspension)	µS/cm	521	IS 14767: 2000, RA 2021
5.	Available Potassium (as K)	mg/kg	64.2	GRC-LAB/STP-SOIL/07; 2018
6.	Chloride (as Cl)	mg/kg	281.1	GRC-LAB/STP-SOIL/14; 2018
7.	Total Kjeldahl Nitrogen (as N)	mg/kg	42.3	IS 14684: 1999, RA 2019
8.	Exchangeable Phosphorus (as P)	mg/kg	6.2	USEPA Method 365.3: 1978
9.	Iron (as Fe)	mg/kg	10.8	USEPA Method 3051-A (Rev.-01): 2007
10.	Zinc (as Zn)	mg/kg	2.5	USEPA Method 3051-A (Rev.-01): 2007

Reviewed By



GRC-LAB/QF-039

Rev.:00

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Test Report

Report Code: S20250702-001

Issue Date: 02.07.2025

11.	Nickel (as Ni)	mg/kg	0.6	USEPA Method 3051-A (Rev.-01): 2007
12.	Manganese (as Mn)	mg/kg	3.1	USEPA Method 3051-A (Rev.-01): 2007
13.	Cobalt (as Co)	mg/kg	0.3	USEPA Method 3051-A (Rev.-01): 2007
14.	Lead (as Pb)	mg/kg	<0.1	USEPA Method 3051-A (Rev.-01): 2007
15.	Copper (as Cu)	mg/kg	1.25	USEPA Method 3051-A (Rev.-01): 2007
16.	Arsenic (as As)	mg/kg	0.38	USEPA Method 3051-A (Rev.-01): 2007
17.	Molybdenum (as Mo)	mg/kg	0.28	3050-B,PP 1-12, USEPA, 2nd Rew.: 1996
18.	Mercury (as Hg)	mg/kg	0.11	USEPA Method 3051-A (Rev.-01): 2007
19.	Total Chromium (as Cr+3)	mg/kg	0.2	USEPA Method 3051-A (Rev.-01): 2007
20.	Organic Carbon	%	0.62	IS 2720 (Part-22): 1972
21.	Bulk Density	gm/cm ³	1.33	GRC-LAB/STP-SOIL/12; 2018
22.	Cation Exchange Capacity	meq/100gm	12.9	IS 2720 (Part-24): 1976, RA 2020
23.	Exchangeable Sodium (as Na)	mg/kg	181	GRC-LAB/STP-SOIL/; 2018
24.	Exchangeable Calcium (as Ca)	mg/kg	1923	GRC-LAB/STP-SOIL/08, Issue no. 02, issue Date: 02.07.2018: 2018
25.	Exchangeable Magnesium (as Mg)	mg/kg	283	GRC-LAB/STP-SOIL/08, Issue no. 02, issue Date: 02.07.2018: 2018
26.	Sodium Absorption Ratio	meq/kg	1.02	GRC-LAB/STP-SOIL/19, Issue no. 02, issue Date: 02.07.2018: 2018
27.	Selenium (as Se)	mg/kg	<0.1	USEPA Method 3051-A (Rev.-01): 2007
28.	Moisture	%	10.5	IS 2720 (Part-2): 1973, RA 2020
29.	Aluminum (as Al)	mg/kg	0.4	USEPA Method 3051-A (Rev.-01): 2007
30.	Organic Matter	%	0.97	IS 2720 (Part-22): 1972, RA 2020

End of Report

Reviewed By 

Navendra Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)
Issue Date: 02.07.2018

GRC-LAB/QF-039

Rev.:00

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POST EC BASELINE ENVIRONMENTAL MONITORING REPORT

**M/S. YAMUNA INTERNATIONAL AIRPORT PRIVATE LIMITED
Administrative Office, Noida International Airport, Kishorepur,
Gautam Buddha Nagar, Jewar, Uttar Pradesh-203135**

JULY- 2025



Submitted By:

**GRC INDIA TRAINING & ANALYTICAL LABORATORY,
(A Unit of GRC India Private Limited)**

**NABL Accredited & MoEF&CC Recognized Laboratory
F-375, Sector-63, Noida, U.P.**

Ph.: 0120- 4044630, Telefax: 0120- 2406519

Email: lab@grc-india.com

Website: <http://www.grc-india.com>

ANNEXURE-I

(TEST REPORTS)



GRG INDIA TRAINING & ANALYTICAL LABORATORY

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Test Report

Report Code: A20250707-001-01

Issue Date: 07.07.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 03.07.2025 to 05.07.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near NIA Office-Project Site
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	24 Hours
Sampling Duration for CO	:	1 Hour
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/JULY/A001

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters							
		Particulate Matter (PM ₁₀); $\mu\text{g}/\text{m}^3$	Particulate Matter (PM _{2.5}); $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂); $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂); $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO); $\mu\text{g}/\text{m}^3$	Lead (pb); $\mu\text{g}/\text{m}^3$	Ammonia (NH ₃); $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆); $\mu\text{g}/\text{m}^3$
		IS 5182 (Part 23): 2006 (RA 2022)	IS 5182 (Part 24): 2019 (RA 2024)	IS 5182 (Part 2/Sec-1): 2023	IS 5182 (Part 6): 2006 (RA 2022)	IS 5182 (Part 10): 1999 (RA 2019)	IS 5182 (Part 22): 2004 (RA 2019)	IS 5182 (Part 25): 2018 (RA 2019)	IS 5182 (Part 11): 2006 (RA 2022)
National Ambient Air Quality Standards (2009)		100	60	80	80	4000	1	400	5
1	02.07.2025	80.3	46.9	8.5	20.1	210	<0.1	<1.0	<1.0

End of Report

Reviewed By



GRC-LAB/QF-039

Rev.00

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Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com

Test Report

Report Code: A20250707-001-01

Issue Date: 07.07.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar Uttar Pradesh-203135

Analysis Duration: 03.07.2025 to 05.07.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near NIA Office-Project Site
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	4 Hours
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/JULY/A001

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters
		Methane (CH ₄); $\mu\text{g}/\text{m}^3$
GRC-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020		
1	02.07.2025	<1.0

****End of Report****


Reviewed By

GRC-LAB/QF-039

Rev.:00

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Test Report

Report Code: A20250707-001-02

Issue Date: 07.07.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 03.07.2025 to 05.07.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Dayanatpur Village
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	24 Hours
Sampling Duration for CO	:	1 Hour
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/JULY/A002

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters							
		Particulate Matter (PM ₁₀); $\mu\text{g}/\text{m}^3$	Particulate Matter (PM _{2.5}); $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂); $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂); $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO); $\mu\text{g}/\text{m}^3$	Lead (pb); $\mu\text{g}/\text{m}^3$	Ammonia (NH ₃); $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆); $\mu\text{g}/\text{m}^3$
		IS 5182 (Part 23): 2006 (RA 2022)	IS 5182 (Part 24): 2019 (RA 2024)	IS 5182 (Part 2/Sec-1): 2023	IS 5182 (Part 6): 2006 (RA 2022)	IS 5182 (Part 10): 1999 (RA 2019)	IS 5182 (Part 22): 2004 (RA 2019)	IS 5182 (Part 25): 2018 (RA 2019)	IS 5182 (Part 11): 2006 (RA 2022)
National Ambient Air Quality Standards (2009)		100	60	80	80	4000	1	400	5
1	02.07.2025	68.6	44.8	5.6	18.7	190	<0.1	<1.0	<1.0

End of Report

Reviewed By



Issue Date: 02.07.2018

GRC-LAB/QF-039 Rev.:00

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Test Report

Report Code: A20250707-001-02

Issue Date: 07.07.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 03.07.2025 to 05.07.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Village Dayanatpur
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	4 Hours
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/JULY/A002

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters
		Methane (CH ₄); $\mu\text{g}/\text{m}^3$
GRC-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020		
1	02.07.2025	<1.0

****End of Report****

Reviewed By

GRC-LAB/QF-039

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Test Report

Report Code: A20250722-001-03

Issue Date: 22.07.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 18.07.2025 to 21.07.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near NIA Office-Project Site
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	24 Hours
Sampling Duration for CO	:	1 Hour
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/JULY/A003

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters							
		Particulate Matter (PM ₁₀); $\mu\text{g}/\text{m}^3$	Particulate Matter (PM _{2.5}); $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂); $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂); $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO); $\mu\text{g}/\text{m}^3$	Lead (pb); $\mu\text{g}/\text{m}^3$	Ammonia (NH ₃); $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆); $\mu\text{g}/\text{m}^3$
		IS 5182 (Part 23): 2006 (RA 2022)	IS 5182 (Part 24): 2019 (RA 2024)	IS 5182 (Part 2/Sec-1): 2023	IS 5182 (Part 6): 2006 (RA 2022)	IS 5182 (Part 10): 1999 (RA 2019)	IS 5182 (Part 22): 2004 (RA 2019)	IS 5182 (Part 25): 2018 (RA 2019)	IS 5182 (Part 11): 2006 (RA 2022)
National Ambient Air Quality Standards (2009)		100	60	80	80	4000	1	400	5
1	17.07.2025	78.9	48.6	9.3	19.7	230	<0.1	<1.0	<1.0

End of Report

Reviewed By

Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.00

Issue Date: 02.07.2018

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Test Report

Report Code: A20250722-001-03

Issue Date: 22.07.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar Uttar Pradesh-203135

Analysis Duration: 18.07.2025 to 21.07.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near NIA Office-Project Site
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	GRG/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	4 Hours
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/JULY/A003

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters
		Methane (CH ₄); $\mu\text{g}/\text{m}^3$
GRG-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020		
1	17.07.2025	<1.0

****End of Report****

[Signature]
Reviewed By



GRG-LAB/QF-039

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Test Report

Report Code: A20250722-001-04

Issue Date: 22.07.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar Uttar Pradesh-203135

Analysis Duration: 18.07.2025 to 21.07.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Village Dayanatpur
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	24 Hours
Sampling Duration for CO	:	1 Hour
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/JULY/A004

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters							
		Particulate Matter (PM ₁₀); $\mu\text{g}/\text{m}^3$	Particulate Matter (PM _{2.5}); $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂); $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂); $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO); $\mu\text{g}/\text{m}^3$	Lead (pb); $\mu\text{g}/\text{m}^3$	Ammonia (NH ₃); $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆); $\mu\text{g}/\text{m}^3$
		IS 5182 (Part 23): 2006 (RA 2022)	IS 5182 (Part 24): 2019 (RA 2024)	IS 5182 (Part 2/Sec-1): 2023	IS 5182 (Part 6): 2006 (RA 2022)	IS 5182 (Part 10): 1999 (RA 2019)	IS 5182 (Part 22): 2004 (RA 2019)	IS 5182 (Part 25): 2018 (RA 2019)	IS 5182 (Part 11): 2006 (RA 2022)
National Ambient Air Quality Standards (2009)		100	60	80	80	4000	1	400	5
1	17.07.2025	61.3	41.4	6.1	16.5	170	<0.1	<1.0	<1.0

End of Report

PG
Reviewed By



Issue Date: 22.07.2018

GRC-LAB/QF-039

Rev.00

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Head Office: F-375, Sector-63, Noida, Gautam Budh Nagar, U.P. - 201301

Phone No.: 0120 - 4044630, 4044660; Fax: 0120 - 2406519, 0120 - 4044675

Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com

Test Report

Report Code: A20250722-001-04

Issue Date: 22.07.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar Uttar Pradesh-203135

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Village- Dayanatpur
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	GRG/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	4 Hours
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/JULY/A004

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date	Test Parameters
		Methane (CH ₄); $\mu\text{g}/\text{m}^3$
GRG-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020		
1	17.07.2025	<1.0

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Test Report

Report Code: N20250704-001-01

Issue Date: 04.07.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Monitoring Data Received on: 03.07.2025

Sample Description: Ambient Noise

RESULTS

(Ambient Noise Monitoring Data)

SAMPLING DETAILS

Date of Monitoring	:	02.07.2025
Monitoring Done by	:	Mr. Maan Singh
Monitoring Protocol	:	IS 9989: 1981, RA 2023
Weather Condition	:	Clear Sky
Monitoring Duration	:	24 Hours

S. No.	Location	Zone	Noise Levels, Leq, dB (A)		Observed Noise Levels. Leq, dB (A)	
			Day Time*	Night Time**	Day Time*	Night Time**
Prescribed Limit {As per Airport Standard Notification, E-413, 2018}						
1	Near NIA Office-Project Site	Airport Area	70	65	58.2	49.6
Prescribed Limit {As per Noise Pollution (Regulation & Control) Rules, 2000}						
2	Village Dayanatpur	Residential area	55	45	47.6	39.5

* Day Time 6.00 AM to 10.00 PM

**Night Time 10.00 PM to 6.00 AM

Note: The detailed Noise monitoring data is enclosed as Annexure-2

End of Report

Reviewed By

GRG INDIA TRAINING & ANALYTICAL LABORATORY
Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRG-LAB/QF-039

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ANNEXURE-2

Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jhewar
 Uttar Pradesh-203135.

Monitoring Location: NIA Office- Project Site
 Sample Description: Ambient Noise

Computation Data- Ambient Noise

Day Time (6:00 Am to 10:00 Pm)	N ₆	N ₇	N ₈	N ₉	N ₁₀	N ₁₁	N ₁₂	N ₁₃	N ₁₄	N ₁₅	N ₁₆	N ₁₇	N ₁₈	N ₁₉	N ₂₀	N ₂₁	
53.2	56.1	55.3	56.3	54.9	59.9	57.2	57.3	56.8	57.6	62.9	63.7	54.6	53.9	54.5	54.5	57.3	
Noise Measurement (dB)	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀											
53.2	54.2	58.2	61.4	63.7	57.0	56.6											
Night Time (10:00 Pm to 6:00 Am)	N ₂₂	N ₂₃	N ₂₄	N ₁	N ₂	N ₃	N ₄	N ₅									
	50.2	49.9	49.5	48.9	50.8	48.9	49.8	48.3									
Noise Measurement (dB)	L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀										
48.3	48.7	49.5	50.4	50.8	49.6	49.7											
Noise Measurement Results for 24 Hrs.	L _{day}	L _{nhit}	L _{max}	L _{min}	L _{eq D}	L _{eq N}											
	57.0	43.7	65.2	38.9	62.3	46.1											

Narinder Singh
 (Sr. Chemist)
 Authorized Signatory
 (Seal & Signature)

ANNEXURE-2

Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jhewar
 Uttar Pradesh-203135.

Monitoring Location: Village Dayanatpur
 Sample Description: Ambient Noise

Computation Data- Ambient Noise

Day Time (6:00 Am to 10:00 Pm)	N ₆	N ₇	N ₈	N ₉	N ₁₀	N ₁₁	N ₁₂	N ₁₃	N ₁₄	N ₁₅	N ₁₆	N ₁₇	N ₁₈	N ₁₉	N ₂₀	N ₂₁
47.6	48.7	45.5	45.2	51.6	42.8	46.8	49.6	44.5	50.4	47.2	46.1	42.6	49.4	48.3	42.6	
Noise Measurement (dB)	L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀									
42.6	42.7	47.6	50.0	51.6	46.8	47.0										
Night Time (10:00 Pm to 6:00 Am)	N ₂₂	N ₂₃	N ₂₄	N ₁	N ₂	N ₃	N ₄	N ₅								
40.5	39.4	41.1	38.5	38.8	37.1	38.5	40.5									
Noise Measurement (dB)	L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀									
37.1	38.1	39.5	40.7	41.1	39.3	39.1										
Noise Measurement Results for 24 Hrs.	L _{day}	L ₉₀	L _{max}	L _{min}	L _{eq D}	L _{eq N}										
63.1	44.8	70.2	42.5	65.4	45.2											



Yamuna Int'l Airport
 GRC INDIA
 ANALYTICAL LABORATORY
 (Sr. Chemist)
 Authorized Signatory
 (Seal & Signature)



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Test Report

Report Code: N20250719-001-02

Issue Date: 19.07.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Monitoring Data Received on: 18.07.2025

Sample Description: Ambient Noise

RESULTS

(Ambient Noise Monitoring Data)

SAMPLING DETAILS

Date of Monitoring : 17.07.2025
Monitoring Done by : Mr. Maan Singh
Monitoring Protocol : IS 9989: 1981, RA 2023
Weather Condition : Clear Sky
Monitoring Duration : 24 Hours

S. No.	Location	Zone	Noise Levels, Leq, dB (A)		Observed Noise Levels. Leq, dB (A)	
			Day Time*	Night Time**	Day Time*	Night Time**
Prescribed Limit {As per Airport Standard Notification, E-413, 2018}						
1	Near NIA Office-Project Site	Airport Area	70	65	57.9	50.6
Prescribed Limit {As per Noise Pollution (Regulation & Control) Rules, 2000}						
2	Village Dayanatpur	Residential area	55	45	46.9	38.5

* Day Time 6.00 AM to 10.00 PM

**Night Time 10.00 PM to 6.00 AM

Note: The detailed Noise monitoring data is enclosed as Annexure-2

End of Report

Reviewed By

Marinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

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Issue Date: 02.07.2018



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ANNEXURE-2

Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
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 Uttar Pradesh-203135.

Monitoring Location: NIA Office- Project Site

Sample Description: Ambient Noise

Computation Data- Ambient Noise

Day Time (6:00 Am to 10:00 Pm)	N ₆	N ₇	N ₈	N ₉	N ₁₀	N ₁₁	N ₁₂	N ₁₃	N ₁₄	N ₁₅	N ₁₆	N ₁₇	N ₁₈	N ₁₉	N ₂₀	N ₂₁
Noise Measurement (dB)	58.1	57.5	56.4	56.4	53.8	60.6	58.2	62.3	54.8	59.2	55.7	61.2	54.8	57.2	54.4	51.2
L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀										
51.2	54.1	57.9	60.9	62.3	57.0	56.8										
Night Time (10:00 Pm to 6:00 Am)	N ₂₂	N ₂₃	N ₂₄	N ₁	N ₂	N ₃	N ₄	N ₅								
Noise Measurement (dB)	53.7	49.4	51.2	52.6	46.5	48.2	50.3	48.2								
L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀										
46.5	47.7	50.6	52.9	53.7	50.0	49.9										
Noise Measurement Results for 24 Hrs.	L _{day}	L _{nhit}	L _{max}	L _{min}	L _{eqD}	L _{eqN}										
	59.8	42.9	72.5	40.5	66.5	50.6										

Narinder Singh
 (Sr. Chemist)
 Authorized Signatory
 (S.O.M & Signature)



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ANNEXURE-2

Issued To: M/s. Yamuna International Airport Private Limited
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jhewar
 Uttar Pradesh-203135.
 Monitoring Location: Village Dayanatpur
 Sample Description: Ambient Noise

Monitoring Data Received On: 18.07.2025

Computation Data- Ambient Noise

Day Time (6:00 Am to 10:00 Pm)	N ₆	N ₇	N ₃	N ₉	N ₁₀	N ₁₁	N ₁₂	N ₁₃	N ₁₄	N ₁₅	N ₁₆	N ₁₇	N ₁₈	N ₁₉	N ₂₀	N ₂₁
45.6	45.7	48.6	47.8	49.6	46.8	48.1	42.5	44.9	43.6	47.8	45.7	48.5	47.5	48.8	48.8	36.2
Noise Measurement (dB)	L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀									
	36.2	43.1	46.9	48.7	49.6	46.1	47.2									
Night Time (10:00 Pm to 6:00 Am)	N ₂₂	N ₂₃	N ₂₄	N ₁	N ₂	N ₃	N ₄	N ₅								
	45.2	36.2	32.5	38.5	33.5	35.3	32.6	35.2								
Noise Measurement (dB)	L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀									
	32.5	32.6	38.5	40.5	45.2	36.1	35.3									
Noise Measurement Results for 24 Hrs.	L _{day}	L _{nht}	L _{max}	L _{min}	L _{eqD}	L _{eqN}										
	51.1	37.7	56.7	35.3	52.7	38.5										

ANALYST
 Navinder Singh
 (S. Chaitanya)
 Authorized Signature
 (Seal & Signature)
 GRC INDIA



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Test Report

Report Code: SN20250722-001

Issue Date: 22.07.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Monitoring Data Received on: 21.07.2025

Sample Description: DG Noise

RESULTS

(DG Set Noise Monitoring Data)

SAMPLING DETAILS

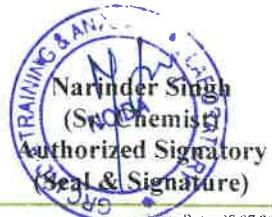
Date of Monitoring	:	19.07.2025
DG Set Installation Location	:	DC Plant-Project Site
Monitoring Done by	:	Mr. Maan Singh
Monitoring Protocol	:	IS 4758: 1968, RA 2017
Weather Condition	:	Clear Sky
Monitoring Duration	:	15 Minutes
DG Set Capacity	:	380 KVA
DG Set Make, Model & Type	:	Cummins CJ380D5P
Acoustic Enclosure Installed	:	Yes

S. No.	Parameter	Unit	Result	Permissible Limit {As per Noise Limit for Generator set run with Diesel Notification, GSR-371(E), 2002, Amend. 2011}
1	Sound Pressure Level	dB(A)	67.9	Max. 75

Note: Monitoring has been done from 01 meter away from the acoustic enclosure surface of the DG Set.

End of Report

Monitored By



Issue Date: 02.07.2025

GRG LAB/QF-039

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Test Report

Report Code: W20250710-001-01(A)

Issue Date: 10.07.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Description: Drinking Water

Sample Received On: 03.07.2025

Analysis Duration: 03.07.2025 to 09.07.2025

RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	03.07.2025
Sampling Location	:	D.W Zone - 1
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	IS 17614 (Part-1): 2021
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Liter
Sample Packing & Marking	:	Plastic Bottle & NIA/JULY/DW-01

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)		Results	Test Method
			Desirable Limit	Permissible Limit		
1.	Colour	CU	5	15	<5.0	IS 3025 (Part-4): 2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5): 2018
3.	Turbidity	NTU	1	5	<1.0	IS 3025 (Part-10): 2023
4.	pH	-	6.5-8.5	No Relaxation	7.55	IS 3025 (Part-11): 2022
5.	Total Dissolved Solids (TDS)	mg/l	500	2000	230	IS 3025 (Part-16): 2023
6.	Total Hardness (as CaCO ₃)	mg/l	200	600	64	IS 3025 (Part-21): 2009, RA 2023
7.	Total Alkalinity (as CaCO ₃)	mg/l	200	600	84	IS 3025 (Part-23): 2023
8.	Chlorides (as Cl)	mg/l	250	1000	34	IS 3025 (Part-32): 1988, RA 2019
9.	Fluoride (as F)	mg/l	1	1.5	0.6	APHA 24 th Ed., 4500F-D: 2023
10.	Calcium (as Ca ²⁺)	mg/l	75	200	15	IS 3025 (Part-40): 2024
11.	Magnesium (as Mg ²⁺)	mg/l	30	100	6.1	APHA 24 th Ed., 3500Mg-B: 2023
12.	Sulphate (as SO ₄)	mg/l	200	400	26	IS 3025 (Part-24/Sec-1): 2022
13.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	0.5	IS 3025 (Part-34/Sec-1): 2023
14.	Ammonia (as NH ₃)	mg/l	0.5	No Relaxation	<0.1	IS 3025 (Part-34/Sec-1): 2023
15.	Free Residual Chlorine (as Cl ₂)	mg/l	0.2	1	<0.1	IS 3025 (Part-26): 2021
16.	Iron (as Fe)	mg/l	0.3	No Relaxation	<0.01	APHA 24 th Ed., 3500F-B: 2023 (ICP-ES)

Reviewed By

Rahul Singh
Sr. Analyst
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

Issue Date: 02.07.2018

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Test Report

Report Code: W20250710-001-01(A)

Issue Date: 10.07.2025

17.	Aluminum (as Al)	mg/l	0.03	0.2	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
18.	Barium (as Ba)	mg/l	0.07	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
19.	Copper (as Cu)	mg/l	0.05	1.5	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
20.	Manganese (as Mn)	mg/l	0.1	0.3	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
21.	Boron (as B)	mg/l	0.5	1	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
22.	Zinc (as Zn)	mg/l	5	15	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
23.	Selenium (as Se)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES-VGA)
24.	Silver (as Ag)	mg/l	0.1	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
25.	Molybdenum (as Mo)	mg/l	0.07	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
26.	Arsenic (as As)	mg/l	0.01	0.05	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES-VGA)
27.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
29.	Cyanide (as CN)	mg/l	0.05	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
30.	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
31.	Mercury (as Hg)	mg/l	0.001	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES-VGA)
32.	Nickel (as Ni)	mg/l	0.02	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
33.	Sulphide (as S)	mg/l	0.05	No Relaxation	<0.01	IS 3025 (Part-29): 2022
34.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	<0.001	IS 3025 (Part-43/Sec-1): 2022
35.	Anionic Detergent (as MBAS)	mg/l	0.2	1	<0.01	IS 3025 (Part-68): 2019, RA 2023
36.	Electrical Conductivity	µS/cm	---	---	349	IS 3025 (Part-14): 2013, RA 2023

****End of Report****

Reviewed By


Rahul Singh
 (Sr. Chemist)
 Noida
 Authorized Signatory
 (Seal & Signature)

GRC-LAB/QF-039

Rev.00

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Test Report

Report Code: W20250708-001-01(B)

Issue Date: 08.07.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 03.07.2025

Analysis Duration: 03.07.2025 to 06.07.2025

Sample Description: Water

RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	03.07.2025
Sampling Location	:	Zone - 1
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	IS 17614 (Part-25): 2022
Weather Condition	:	Clear Sky
Sample Quantity	:	0.4 Liter
Sample Packing & Marking	:	Sterile Glass Bottle & NIA/JULY/W-01

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)	Results	Test Method
1.	Total Coliform	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Not Detected)	IS 1622: 1981, RA 2019
2.	E. coli	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Absent)	IS 1622: 1981, RA 2019

End of Report

Reviewed By

Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018

GRG-LAB/QF-039

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Test Report

Report Code: W20250725-001-02(A)

Issue Date: 25.07.2025

Issued To: M/s. Yamuna International Airport Private Limited
 Administrative Office, Noida International Airport
 Kishorepur, Gautam Buddha Nagar, Jawar
 Uttar Pradesh-203135

Sample Description: Drinking Water**Sample Received On:** 18.07.2025**Analysis Duration:** 18.07.2025 to 24.07.2025

RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	18.07.2025
Sampling Location	:	D.W Labour Colony
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	IS 17614 (Part-1): 2021
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Liter
Sample Packing & Marking	:	Plastic Bottle & NIA/JULY/W-02

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)		Results	Test Method
			Desirable Limit	Permissible Limit		
1.	Colour	CU	5	15	<5.0	IS 3025 (Part-4): 2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5): 2018
3.	Turbidity	NTU	1	5	<1.0	IS 3025 (Part-10): 2023
4.	pH	-	6.5-8.5	No Relaxation	7.21	IS 3025 (Part-11): 2022
5.	Total Dissolved Solids (TDS)	mg/l	500	2000	112	IS 3025 (Part-16): 2023
6.	Total Hardness (as CaCO ₃)	mg/l	200	600	40	IS 3025 (Part-21): 2009, RA 2023
7.	Total Alkalinity (as CaCO ₃)	mg/l	200	600	67.2	IS 3025 (Part-23): 2023
8.	Chlorides (as Cl)	mg/l	250	1000	10	IS 3025 (Part-32): 1988, RA 2019
9.	Fluoride (as F)	mg/l	1	1.5	0.2	APHA 24 th Ed., 4500F-D: 2023
10.	Calcium (as Ca ²⁺)	mg/l	75	200	10	IS 3025 (Part-40): 2024
11.	Magnesium (as Mg ²⁺)	mg/l	30	100	3.8	APHA 24 th Ed., 3500Mg-B: 2023
12.	Sulphate (as SO ₄)	mg/l	200	400	8.2	IS 3025 (Part-24/Sec-1): 2022
13.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	0.12	IS 3025 (Part-34/Sec-1): 2023
14.	Ammonia (as NH ₃)	mg/l	0.5	No Relaxation	<0.1	IS 3025 (Part-34/Sec-1): 2023
15.	Free Residual Chlorine (as Cl ₂)	mg/l	0.2	1	<0.1	IS 3025 (Part-26): 2021

Reviewed By

Rahul Singh
 (Sr. Chemist)
 Noida
 Authorized Signatory
 (Seal & Signature)

GRC-LAB/QF-039

Rev :00

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Test Report

Report Code: W20250725-001-02(A)

Issue Date: 25.07.2025

16.	Iron (as Fe)	mg/l	0.3	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
17.	Aluminum (as Al)	mg/l	0.03	0.2	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
18.	Barium (as Ba)	mg/l	0.07	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
19.	Copper (as Cu)	mg/l	0.05	1.5	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
20.	Manganese (as Mn)	mg/l	0.1	0.3	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
21.	Boron (as B)	mg/l	0.5	1	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
22.	Zinc (as Zn)	mg/l	5	15	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
23.	Selenium (as Se)	mg/l	0.01	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES VGA)
24.	Silver (as Ag)	mg/l	0.1	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
25.	Molybdenum (as Mo)	mg/l	0.07	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
26.	Arsenic (as As)	mg/l	0.01	0.05	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES VGA)
27.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	<0.001	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
29.	Cyanide (as CN)	mg/l	0.05	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
30.	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
31.	Mercury (as Hg)	mg/l	0.001	No Relaxation	<0.001	APHA 24th Ed., 3120-B: 2023 (ICP-OES VGA)
32.	Nickel (as Ni)	mg/l	0.02	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
33.	Sulphide (as S)	mg/l	0.05	No Relaxation	<0.01	IS 3025 (Part-29): 2022
34.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	<0.001	IS 3025 (Part-43/Sec-1): 2022
35.	Anionic Detergent (as MBAS)	mg/l	0.2	1	<0.01	IS 3025 (Part-68): 2019, RA 2023
36.	Electrical Conductivity	µS/cm	---	---	169	IS 3025 (Part-14): 2019, RA 2023

End of Report

Reviewed By

Rahul Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.00

Issue Date: 02.07.2018

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Test Report

Report Code: W20250722-001-02(B)

Issue Date: 22.07.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 18.07.2025

Analysis Duration: 18.07.2025 to 21.07.2025

Sample Description: Water

RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	18.07.2025
Sampling Location	:	Labour Colony
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	IS 17614 (Part-25): 2022
Weather Condition	:	Clear Sky
Sample Quantity	:	0.4 Liter
Sample Packing & Marking	:	Sterile Glass Bottle & NIA/JULY/W-02

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)	Results	Test Method
1.	Total Coliform	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Not Detected)	IS 1622: 1981, RA 2019
2.	<u>E. coli</u>	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Absent)	IS 1622: 1981, RA 2019

End of Report

Reviewed By

Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signatory
(Seal & Signature)

GRG-LAB/QF-039

Rev:00

Issue Date: 02.07.2018

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Test Report

Report Code: WW20250725-001(A)

Issue Date: 25.07.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 18.07.2025

Analysis Duration: 18.07.2025 to 24.07.2025

Sample Description: Waste Water- STP Outlet

RESULTS

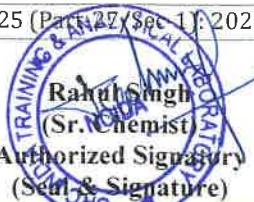
(Waste Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	18.07.2025
Sampling Location	:	STP-Project Site
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	IS 17614 (Part-10): 2021
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Liter
Sample Packing & Marking	:	Plastic Bottle & NIA/JULY/WW-01

S. No.	Parameters	Units	Results	Requirements as per Gazette No. 843: 2017	Test Method
				Permissible Limit	
1.	pH Value	-	7.83	5.5 - 9.0	IS 3025 (Part-11): 2022
2.	Total Suspended Solids (TSS)	mg/l	15.0	Max. 50	IS 3025 (Part-17): 2022
3.	Biochemical Oxygen Demand (BOD) for 3 Days at 27°C	mg/l	8.5	Max. 20	IS 3025 (Part-44): 2023
4.	Chemical Oxygen Demand (COD)	mg/l	25.0	--	IS 3025 (Part-58): 2023
5.	Specific Conductivity	µS/cm	2945	--	IS 3025 (Part-14): 2013, RA 2023
6.	Calcium (as Ca ²⁺)	mg/l	164.0	--	IS 3025 (Part-40): 2024
7.	Magnesium (as Mg ²⁺)	mg/l	62.0	--	APHA 24 th Ed., 3500Mg-B: 2023
8.	Ammoniacal Nitrogen (as NH ₃ -N)	mg/l	1.2	--	IS 3025 (Part-34/Sec-1): 2023
9.	Total Kjeldal Nitrogen (as N)	mg/l	1.7	--	IS 3025 (Part-34/Sec-1): 2023
10.	Oil & Grease	mg/l	<4	--	IS 3025 (Part-39): 2021
11.	Free Residual Chlorine (as Cl ₂)	mg/l	<0.1	--	IS 3025 (Part-26): 20212
12.	Sulphide (as S)	mg/l	0.2	--	IS 3025 (Part-29): 2022
13.	Sodium (as Na)	mg/l	398.0	--	IS 3025 (Part-45): 2024
14.	Potassium (as K)	mg/l	43.5	--	IS 3025 (Part-45): 2024
15.	Cyanide (as CN)	mg/l	<0.01	--	IS 3025 (Part-27/Sec-1): 2021

Reviewed By


Rahul Singh
(Sr. Chemist)
Authorized Signature
(Seal & Signature)

Issue Date: 02.07.2018

GRC-LAB/QF-039

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Test Report

Report Code: WW20250725-001(A)

Issue Date: 25.07.2025

16.	Lead (as Pb)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
17.	Total Chromium (as Cr)	mg/l	<0.1	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
18.	Copper (as Cu)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
19.	Zinc (as Zn)	mg/l	0.55	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
20.	Nickel (as Ni)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
21.	Boron (as B)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
22.	Arsenic (as As)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
23.	Mercury (as Hg)	mg/l	<0.001	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
24.	Cadmium (as Cd)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
25.	Selenium (as Se)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
26.	Iron (as Fe)	mg/l	0.37	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
27.	Manganese (as Mn)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
28.	Aluminum (as Al)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
29.	Barium (as Ba)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)

End of Report

Reviewed By

Rahul Singh
(M.T. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

Date: 02.07.2018

Note:

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Head Office: F-375, Sector-63, Noida, Gautam Budh Nagar, U.P. - 201301

Phone No.: 0120 - 4044630, 4044660; Fax: 0120 - 2406519, 0120 - 4044675

Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com



Test Report

Report Code: WW20250722-001(B)

Issue Date: 22.07.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 18.07.2025

Analysis Duration: 18.07.2025 to 21.07.2025

Sample Description: Waste Water- STP Outlet

RESULTS

(Waste Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	18.07.2025
Sampling Location	:	STP-Project Site
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	IS 17614 (Part-25): 2022
Weather Condition	:	Clear Sky
Sample Quantity	:	0.4 Liter
Sample Packing & Marking	:	Sterile Glass Bottle & NIA/JULY/WW-01

S. No.	Parameters	Units	Permissible Limit as per Gazette No. 843: 2017	Results	Test Method
1.	Total Coliform	MPN/100ml	—	1600	APHA 24th Edition 9221-B: 2023
2.	Fecal Coliform	MPN/100ml	Max. 1000	680	APHA 24th Edition 9221-E: 2023

End of Report

Reviewed By

Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signature
(Seal & Signature)



GRC-LAB/QF-039

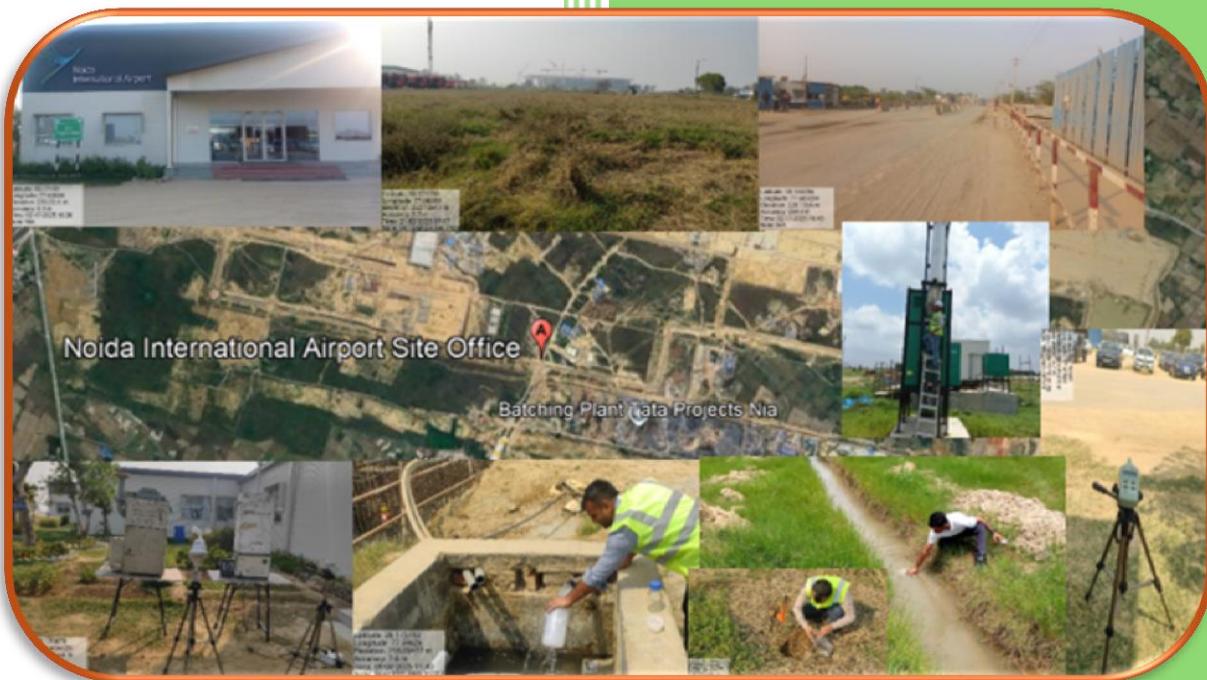
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POST EC BASELINE ENVIRONMENTAL QUALITY MONITORING REPORT FOR

M/S. YAMUNA INTERNATIONAL AIRPORT PRIVATE LIMITED
Administrative Office, Noida International Airport (NIA),
Kishorepur, Gautam Buddha Nagar, Jewar, Uttar Pradesh-203135.

AUGUST- 2025



Submitted By:



**GRC INDIA TRAINING & ANALYTICAL LABORATORY,
(A Unit of GRC India Private Limited)**

**NABL Accredited & MoEF&CC Recognized Environmental Laboratory
F-375, Sector-63, Noida, U.P.-201301**

Ph.: 0120- 4044630, (+91) 9013385810

Email: lab@grc-india.com; Website: <http://www.grc-india.com>

ANNEXURE-I

(TEST REPORTS)



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Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com



Test Report

Report Code: A20250809-001-01

Issue Date: 09.08.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 06.08.2025 to 08.08.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location

: Near NIA Office-Project Site

Sample Collected by

: Mr. Maan Singh

Sampling Protocol

: GRC/LAB/STP/AIR/01: 2018

Weather Condition

: Clear Sky

Sampling Duration

: 24 Hours

Sampling Duration for CO

: 1 Hour

Sampler Installation Height

: 4.0 Meter above Ground Level

Sample Packing & Marking

: Plastic Bottle/ Zip Polybag & NIA/AUG/A001

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date of Monitoring	Test Parameters							
		Particulate Matter (PM ₁₀); $\mu\text{g}/\text{m}^3$	Particulate Matter (PM _{2.5}); $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂); $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂); $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO); $\mu\text{g}/\text{m}^3$	Lead (pb); $\mu\text{g}/\text{m}^3$	Ammonia (NH ₃); $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆); $\mu\text{g}/\text{m}^3$
		IS 5182 (Part 23): 2006 (RA 2022)	IS 5182 (Part 24): 2019 (RA 2024)	IS 5182 (Part 2/Sec-1): 2023	IS 5182 (Part 6): 2006 (RA 2022)	IS 5182 (Part 10): 1999 (RA 2019)	IS 5182 (Part 22): 2004 (RA 2019)	IS 5182 (Part 25): 2018 (RA 2022)	IS 5182 (Part 11): 2006 (RA 2022)
	National Ambient Air Quality Standards (2009)	100	60	80	80	4000	1	400	5
1	05.08.2025	76.7	43.6	8.9	19.3	190	<0.1	<1.0	<1.0

End of Report

Reviewed By

Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018

GRC-LAB/QF-039

Rev.:00

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Test Report

Report Code: A20250809-001-01

Issue Date: 09.08.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 06.08.2025 to 08.08.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near NIA Office-Project Site
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	4 Hours
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/AUG/A001

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date of Monitoring	Test Parameters
		Methane (CH ₄); $\mu\text{g}/\text{m}^3$
GRC-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020		
1	05.08.2025	<1.0

End of Report

Reviewed By

GRC-LAB/QF-039

Rev.:00

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Page 1 of 1

Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018



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Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com, info@grc-india.com

Test Report

Report Code: A20250809-001-02

Issue Date: 09.08.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 06.08.2025 to 08.08.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location

: Near Batching Plant- Project Site

Sample Collected by

: Mr. Maan Singh

Sampling Protocol

: GRC/LAB/STP/AIR/01: 2018

Weather Condition

: Clear Sky

Sampling Duration

: 24 Hours

Sampling Duration for CO

: 1 Hour

Sampler Installation Height

: 4.0 Meter above Ground Level

Sample Packing & Marking

: Plastic Bottle/ Zip Polybag & NIA/AUG/A002

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date of Monitoring	Test Parameters							
		Particulate Matter (PM ₁₀); $\mu\text{g}/\text{m}^3$	Particulate Matter (PM _{2.5}); $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂); $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂); $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO); $\mu\text{g}/\text{m}^3$	Lead (pb); $\mu\text{g}/\text{m}^3$	Ammonia (NH ₃); $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆); $\mu\text{g}/\text{m}^3$
		IS 5182 (Part 23): 2006 (RA 2022)	IS 5182 (Part 24): 2019 (RA 2024)	IS 5182 (Part 2/Sec-1): 2023	IS 5182 (Part 6): 2006 (RA 2022)	IS 5182 (Part 10): 1999 (RA 2019)	IS 5182 (Part 22): 2004 (RA 2019)	IS 5182 (Part 25): 2018	IS 5182 (Part 11): 2006 (RA 2022)
National Ambient Air Quality Standards (2009)		100	60	80	80	4000	1	400	5
1	05.08.2025	80.5	45.4	9.3	20.7	210	<0.1	<1.0	<1.0

End of Report

Reviewed By



GRG-LAB/QP-039

Rev.:00

Issue Date: 02.07.2018

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Test Report

Report Code: A20250809-001-02

Issue Date: 09.08.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 06.08.2025 to 08.08.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near Project Site Batching Plant
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	4 Hours
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/AUG/A002

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date of Monitoring	Test Parameters
		Methane (CH ₄); $\mu\text{g}/\text{m}^3$
GRC-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020		
1	05.08.2025	<1.0

End of Report

Reviewed By

GRC-LAB/QF-039

Rev:00

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Test Report

Report Code: A20250825-001-03

Issue Date: 25.08.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 21.08.2025 to 23.08.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location

: Near NIA Office-Project Site

Sample Collected by

: Mr. Maan Singh

Sampling Protocol

: GRC/LAB/STP/AIR/01: 2018

Weather Condition

: Clear Sky

Sampling Duration

: 24 Hours

Sampling Duration for CO

: 1 Hour

Sampler Installation Height

: 4.0 Meter above Ground Level

Sample Packing & Marking

: Plastic Bottle/ Zip Polybag & NIA/AUG/A003

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date of Monitoring	Test Parameters							
		Particulate Matter (PM ₁₀); $\mu\text{g}/\text{m}^3$	Particulate Matter (PM _{2.5}); $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂); $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂); $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO); $\mu\text{g}/\text{m}^3$	Lead (pb); $\mu\text{g}/\text{m}^3$	Ammonia (NH ₃); $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆); $\mu\text{g}/\text{m}^3$
		IS 5182 (Part 23): 2006 (RA 2022)	IS 5182 (Part 24): 2019 (RA 2024)	IS 5182 (Part 2/Sec-1): 2023	IS 5182 (Part 6): 2006 (RA 2022)	IS 5182 (Part 10): 1999 (RA 2019)	IS 5182 (Part 22): 2004 (RA 2019)	IS 5182 (Part 25): 2018	IS 5182 (Part 11): 2006 (RA 2022)
National Ambient Air Quality Standards (2009)		100	60	80	80	4000	1	400	5
1	20.08.2025	78.6	44.9	7.9	18.5	180	<0.1	<1.0	<1.0

End of Report

Reviewed By

GRC-LAB/QF-039

Rev.:00

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Page 1 of 1

Narinder Singh
(Sir. Chemist)
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018



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Test Report

Report Code: A20250825-001-03

Issue Date: 25.08.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 21.08.2025 to 23.08.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near NIA Office-Project Site
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	4 Hours
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/AUG/A003

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date of Monitoring	Test Parameters
		Methane (CH ₄); $\mu\text{g}/\text{m}^3$
GRC-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020		
1	20.08.2025	<1.0

End of Report

Reviewed By

GRC-LAB/QF-039

Rev.:00

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 Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com

Test Report

Report Code: A20250825-001-04

Issue Date: 25.08.2025

Issued To: M/s. Yamuna International Airport Private Limited
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 21.08.2025 to 23.08.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near Batching Plant- Project Site
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	24 Hours
Sampling Duration for CO	:	1 Hour
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/AUG/A004

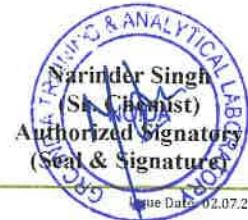
RESULTS

(Ambient Air Quality Analysis)

S. No.	Date of Monitoring	Test Parameters							
		Particulate Matter (PM ₁₀); $\mu\text{g}/\text{m}^3$	Particulate Matter (PM _{2.5}); $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂); $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂); $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO); $\mu\text{g}/\text{m}^3$	Lead (pb); $\mu\text{g}/\text{m}^3$	Ammonia (NH ₃); $\mu\text{g}/\text{m}^3$	Benzene (C ₆ H ₆); $\mu\text{g}/\text{m}^3$
		IS 5182 (Part 23): 2006 (RA 2022)	IS 5182 (Part 24): 2019 (RA 2024)	IS 5182 (Part 2/Sec-1): 2023	IS 5182 (Part 6): 2006 (RA 2022)	IS 5182 (Part 10): 1999 (RA 2019)	IS 5182 (Part 22): 2004 (RA 2019)	IS 5182 (Part 25): 2018	IS 5182 (Part 11): 2006 (RA 2022)
National Ambient Air Quality Standards (2009)		100	60	80	80	4000	1	400	5
1	20.08.2025	82.1	47.5	9.8	22.4	230	<0.1	<1.0	<1.0

End of Report

Reviewed By



GRC-LAB/QF-039

Rev.:00

Issue Date: 02.07.2018

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Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com

Test Report

Report Code: A20250825-001-04

Issue Date: 25.08.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar Uttar Pradesh-203135

Analysis Duration: 21.08.2025 to 23.08.2025

Sample Description: Ambient Air

SAMPLING DETAILS

Sampling Location	:	Near Project Site Batching Plant
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	4 Hours
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & NIA/AUG/A004

RESULTS

(Ambient Air Quality Analysis)

S. No.	Date of Sampling	Test Parameters
		Methane (CH ₄); $\mu\text{g}/\text{m}^3$
GRC-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020		
1	20.08.2025	<1.0

End of Report

Reviewed By

GRC-LAB/QF-039

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Page 1 of 1





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Phone No.: 0120 – 4044630, 4044660; Fax: 0120 – 2406519, 0120 - 4044675

Website: <https://www.grc-india.com>, E-mail : lab@grc-india.com; info@grc-india.com



Test Report

Report Code: N20250807-001-01

Issue Date: 07.08.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar
Uttar Pradesh-203135

Monitoring Data Received on: 06.08.2025

Sample Description: Ambient Noise

RESULTS

(Ambient Noise Monitoring Data)

SAMPLING DETAILS

Date of Monitoring	:	05.08.2025
Monitoring Done by	:	Mr. Maan Singh
Monitoring Protocol	:	IS 9989: 1981, RA 2023
Weather Condition	:	Clear Sky
Monitoring Duration	:	24 Hours

S. No.	Location	Zone	Noise Levels, Leq, dB (A)		Observed Noise Levels. Leq, dB (A)	
			Day Time*	Night Time**	Day Time*	Night Time**
Prescribed Limit {As per Airport Standard Notification, E-413, 2018}						
1	Near NIA Office-Project Site	Airport Area	70	65	57.8	48.9
Prescribed Limit {As per Airport Standard Notification, E-413, 2018}						
2	Near Batching Plant- Project Site	Airport Area	70	65	63.5	53.7

* Day Time 6.00 AM to 10.00 PM

**Night Time 10.00 PM to 6.00 AM

Note: The detailed Noise monitoring data is enclosed as *Annexure-2*

****End of Report****

Reviewed By

**Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)**

GRC-LAB/QF-039

Rev.:00

Issue Date: 02.07.2018

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ANNEXURE-2

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, J ewar
Uttar Pradesh-203135.

Monitoring Data Received On: 06.08.2025

Monitoring Location: NIA Office- Project Site

Sample Description: Ambient Noise

Computation Data- Ambient Noise

Day Time (6:00 Am to 10:00 Pm)	N ₆	N ₇	N ₈	N ₉	N ₁₀	N ₁₁	N ₁₂	N ₁₃	N ₁₄	N ₁₅	N ₁₆	N ₁₇	N ₁₈	N ₁₉	N ₂₀	N ₂₁	
Noise Measurement (dB)	53.2	56.1	55.8	56.3	54.9	55.6	57.2	57.3	56.8	57.6	62.9	63.7	54.6	53.1	54.5	56.2	
Noise Measurement (dB)	L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀										
Night Time (10:00 Pm to 6:00 Am)	N ₂₂	N ₂₃	N ₂₄	N ₁	N ₂	N ₃	N ₄	N ₅									
Noise Measurement (dB)	48.6	49.9	49.6	48.9	49.6	48.9	46.3	48.6									
Noise Measurement (dB)	L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀										
Noise Measurement Results for 24 Hrs.	L _{day}	L _{nht}	L _{max}	L _{min}	L _{eqD}	L _{eqN}											
	56.6	48.8	63.7	46.3	57.8	48.9											





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Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com

ANNEXURE-2

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar
Uttar Pradesh-203135.

Monitoring Data Received On: 06.08.2025

Monitoring Location: Near Batching Plant- Project Site

Sample Description: Ambient Noise

Computation Data- Ambient Noise

Day Time (6:00 Am to 10:00 Pm)	N ₆	N ₇	N ₈	N ₉	N ₁₀	N ₁₁	N ₁₂	N ₁₃	N ₁₄	N ₁₅	N ₁₆	N ₁₇	N ₁₈	N ₁₉	N ₂₀	N ₂₁
Noise Measurement (dB)	61.4	58.9	62.6	67.3	63.6	65.3	64.2	64.7	67.9	60.1	59.5	63.2	65.2	60.6	57.3	56.3
	L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀									
	56.3	58.1	63.5	66.3	67.9	62.4	62.9									
Night Time (10:00 Pm to 6:00 Am)	N ₂₂	N ₂₃	N ₂₄	N ₁	N ₂	N ₃	N ₄	N ₅								
Noise Measurement (dB)	55.9	51.6	54.9	51.6	54.9	52.9	52.6	53.3								
	L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀									
	51.6	51.6	53.7	55.2	55.9	53.5	53.1									
Noise Measurement Results for 24 Hrs.	L _{day}	L _{nht}	L _{max}	L _{min}	L _{eq D}	L _{eq N}										
	62.4	53.5	67.9	51.6	63.5	53.7										

GRG INDIA TRAINING & ANALYTICAL LABORATORY
Marinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)



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Test Report

Report Code: N20250822-001-02

Issue Date: 22.08.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar
Uttar Pradesh-203135

Monitoring Data Received on: 21.08.2025

Sample Description: Ambient Noise

RESULTS

(Ambient Noise Monitoring Data)

SAMPLING DETAILS

Date of Monitoring	:	20.08.2025
Monitoring Done by	:	Mr. Maan Singh
Monitoring Protocol	:	IS 9989: 1981, RA 2023
Weather Condition	:	Clear Sky
Monitoring Duration	:	24 Hours

S. No.	Location	Zone	Noise Levels, Leq, dB (A)		Observed Noise Levels. Leq, dB (A)	
			Day Time*	Night Time**	Day Time*	Night Time**
Prescribed Limit {As per Airport Standard Notification, E-413, 2018}						
1	Near NIA Office-Project Site	Airport Area	70	65	58.3	49.6
Prescribed Limit {As per Airport Standard Notification, E-413, 2018}						
2	Near Batching Plant- Project Site	Airport Area	70	65	62.7	52.4

* Day Time 6.00 AM to 10.00 PM

**Night Time 10.00 PM to 6.00 AM

Note: The detailed Noise monitoring data is enclosed as Annexure-2

****End of Report****

Reviewed By

Narinder Singh
(S. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

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Issue Date: 02.07.2018



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ANNEXURE-2

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, J ewar
Uttar Pradesh-203135.

Monitoring Data Received On: 21.08.2025

Monitoring Location: NIA Office- Project Site

Sample Description: Ambient Noise

Computation Data- Ambient Noise

Day Time (6:00 Am to 10:00 Pm)	N ₆	N ₇	N ₈	N ₉	N ₁₀	N ₁₁	N ₁₂	N ₁₃	N ₁₄	N ₁₅	N ₁₆	N ₁₇	N ₁₈	N ₁₉	N ₂₀	N ₂₁												
Noise Measurement (dB)	58.1	57.5	56.4	57.2	53.8	60.6	58.2	62.3	54.8	60.1	55.7	61.2	54.8	58.9	54.4	57.6												
	L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀																					
	53.8	54.6	58.3	60.9	62.3	57.6	57.6																					
Night Time (10:00 Pm to 6:00 Am)	N ₂₂	N ₂₃	N ₂₄	N ₁	N ₂	N ₃	N ₄	N ₅																				
Noise Measurement (dB)	50.4	49.4	51.2	51.2	46.5	48.2	50.3	48.2																				
	L _{min}	L ₉₀	L _{eq}	L ₁₀	L _{max}	L _{day}	L ₅₀																					
	46.5	47.7	49.7	51.2	51.2	49.4	49.9																					
Noise Measurement Results for 24 Hrs.	L _{day}	L _{nht}	L _{max}	L _{min}	L _{eq D}	L _{eq N}																						
	59.8	42.9	72.5	40.5	66.5	49.7																						

Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)



ANNEXURE-2

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, J ewar
Uttar Pradesh-203135.

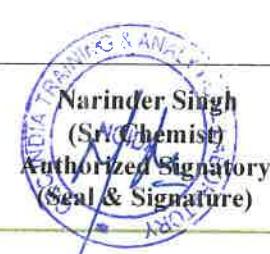
Monitoring Data Received On: 21.08.2025

Monitoring Location: Near Batching Plant- Project Site

Sample Description: Ambient Noise

Computation Data- Ambient Noise

Day Time (6:00 Am to 10:00 Pm)	N₆	N₇	N₈	N₉	N₁₀	N₁₁	N₁₂	N₁₃	N₁₄	N₁₅	N₁₆	N₁₇	N₁₈	N₁₉	N₂₀	N₂₁
Noise Measurement (dB)	63.8	62.4	62.1	59.8	62.9	63.8	61.7	59.9	65.4	64.8	58.6	57.9	65.9	59.8	63.2	62.9
	L_{min}	L₉₀	L_{eq}	L₁₀	L_{max}	L_{day}	L₅₀									
	57.9	59.2	62.8	65.1	65.9	62.2	62.7									
Night Time (10:00 Pm to 6:00 Am)	N₂₂	N₂₃	N₂₄	N₁	N₂	N₃	N₄	N₅								
Noise Measurement (dB)	54.2	52.3	51.7	53.2	54.2	50.2	51.9	49.5								
	L_{min}	L₉₀	L_{eq}	L₁₀	L_{max}	L_{day}	L₅₀									
	49.5	50.0	52.4	54.2	54.2	52.2	52.1									
Noise Measurement Results for 24 Hrs.	L_{day}	L_{nht}	L_{max}	L_{min}	L_{eq D}	L_{eq N}										
	51.1	37.7	56.7	35.3	52.7	52.4										


Narinder Singh
(S/Chemist)
Authorized Signatory
(Seal & Signature)



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Test Report

Report Code: SN20250822-001

Issue Date: 22.08.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Monitoring Data Received on: 21.08.2025

Sample Description: DG Noise

RESULTS

(DG Set Noise Monitoring Data)

SAMPLING DETAILS

Date of Monitoring

: 20.08.2025

DG Set Installation Location

: DG Set installed at Near DC Plant-Project Site

Monitoring Done by

: Mr. Maan Singh

Monitoring Protocol

: IS 4758: 1968, RA 2017

Weather Condition

: Clear Sky

Monitoring Duration

: 15 Minutes

DG Set Capacity

: 380 KVA

DG Set Make, Model & Type

: Cummins CJ380D5P

Acoustic Enclosure Installed

: Yes

S. No.	Parameter	Unit	Result	Permissible Limit {As per Noise Limit for Generator set run with Diesel Notification, GSR-371(E), 2002, Amend. 2011}
1	Sound Pressure Level	dB(A)	71.3	Max. 75

Note: Monitoring has been done from 01 meter away from the acoustic enclosure surface of the DG Set.

End of Report

Reviewed By

Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018

GRC-LAB/QF-039

Rev.:00

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Test Report

Report Code: ST20250822-001

Issue Date: 22.08.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar,
Jewar, Uttar Pradesh-203135

Analysis Duration: 20.08.2025 to 21.08.2025

Sample Description: Stack Emission (DG Set-01)

RESULTS

(Stack Emission Quality Analysis)

SAMPLING DETAILS

Source of Emission	: DG Stack-01
Stack Attached to	: DG Set 380 KVA (After Retrofit Emission Control Device)
D.G. Details (Make/Model)	: Cummins; CJ380D5P
DG Capacity (KVA)	: 380 KVA
Stack Inner Diameter (m)	: 0.30
Date of Monitoring	: 20.08.2025
Monitoring Done by	: Mr. Maan Singh
Weather Condition	: Clear Sky
Sampling Protocol	: GRC/LAB/STP/STACK/01:2018
Sampling Duration (minutes)	: 42
Type of Fuel	: HSD
Type of Stack	: M.S./ Vertical
Ambient Temperature (°C)	: 35.0
Sample Packing	: Zip Polybag

S. No.	Parameters	Units	Results	Emission Standard (As per Notification No. 716-2022), g/kW-h	Test method
1.	Temperature	K	388.0	--	IS 11255 (Part-1):1985, RA 2019
2.	Velocity	m/s	12.7	--	IS 11255 (Part-3): 2008, RA 2019
3.	Flow Rate	L/min	16.0	--	IS 11255 (Part-3): 2008, RA 2019
4.	Particulate Matter (PM)	g/kW-hr	0.015	0.02	IS 11255 (Part-1):1985, RA 2019
5.	Oxide of Nitrogen (NO ₂)	g/kW-hr	0.028	0.40	GRC -LAB/STP -STACK/01: Issue No. 02, Issue Date: 2018
6.	Carbon Monoxide (CO)	g/kW-hr	0.017	3.5	GRC -LAB/STP -STACK/01: Issue No. 02, Issue Date: 2018
7.	Hydrocarbons (HC)	g/kW-hr	0.005	0.19	GRC -LAB/STP -STACK/01: Issue No. 02, Issue Date: 2018

End of Report

Narendra Singh (Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.00

Issue Date: 02.07.2018

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Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com



Test Report

Report Code: W20250814-001-01(A)

Issue Date: 14.08.2025

Issued To: M/s. Yamuna International Airport Private Limited
Administrative Office, Noida International Airport
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 06.08.2025

Analysis Duration: 07.08.2025 to 13.08.2025

Sample Description: Drinking Water

RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	06.08.2025
Sampling Location	:	Near Batching Plant- Project Site
Sample Collected by	:	Mr. Maan Singh
Sampling Protocol	:	IS 17614 (Part-1): 2021
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Liter
Sample Packing & Marking	:	Plastic Bottle & NIA/AUG/DW-01

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)		Results	Test Method
			Desirable Limit	Permissible Limit		
1.	Colour	CU	5	15	<5.0	IS 3025 (Part-4): 2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5): 2018
3.	Turbidity	NTU	1	5	<1.0	IS 3025 (Part-10): 2023
4.	pH	-	6.5-8.5	No Relaxation	7.53	IS 3025 (Part-11): 2022
5.	Total Dissolved Solids (TDS)	mg/l	500	2000	143	IS 3025 (Part-16): 2023
6.	Total Hardness (as CaCO ₃)	mg/l	200	600	46	IS 3025 (Part-21): 2009, RA 2023
7.	Total Alkalinity (as CaCO ₃)	mg/l	200	600	72	IS 3025 (Part-23): 2023
8.	Chlorides (as Cl)	mg/l	250	1000	14	IS 3025 (Part-32): 1988, RA 2019
9.	Fluoride (as F)	mg/l	1	1.5	0.21	APHA 24 th Ed., 4500F-D: 2023
10.	Calcium (as Ca ²⁺)	mg/l	75	200	11.0	IS 3025 (Part-40): 2024
11.	Magnesium (as Mg ²⁺)	mg/l	30	100	4.5	APHA 24 th Ed., 3500Mg-B: 2023
12.	Sulphate (as SO ₄)	mg/l	200	400	12	IS 3025 (Part-24/Sec-1): 2022
13.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	0.13	IS 3025 (Part-34/Sec-1): 2023
14.	Ammonia (as NH ₃)	mg/l	0.5	No Relaxation	<0.1	IS 3025 (Part-34/Sec-1): 2023
15.	Free Residual Chlorine (asCl ₂)	mg/l	0.2	1	<0.1	IS 3025 (Part-26): 2021
16.	Iron (as Fe)	mg/l	0.3	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023(ICP-ES)

Reviewed By

Rahul Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018

GRC-LAB/QF-039

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Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com, info@grc-india.com



Test Report

Report Code: W20250814-001-01(A)

Issue Date: 14.08.2025

17.	Aluminum (as Al)	mg/l	0.03	0.2	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
18.	Barium (as Ba)	mg/l	0.07	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
19.	Copper (as Cu)	mg/l	0.05	1.5	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
20.	Manganese (as Mn)	mg/l	0.1	0.3	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
21.	Boron (as B)	mg/l	0.5	1	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
22.	Zinc (as Zn)	mg/l	5	15	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
23.	Selenium (as Se)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES-VGA)
24.	Silver (as Ag)	mg/l	0.1	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
25.	Molybdenum (as Mo)	mg/l	0.07	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
26.	Arsenic (as As)	mg/l	0.01	0.05	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES-VGA)
27.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
29.	Cyanide (as CN)	mg/l	0.05	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
30.	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
31.	Mercury (as Hg)	mg/l	0.001	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES-VGA)
32.	Nickel (as Ni)	mg/l	0.02	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
33.	Sulphide (as S)	mg/l	0.05	No Relaxation	<0.01	IS 3025 (Part-29): 2022
34.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	<0.001	IS 3025 (Part-43/Sec-1): 2022
35.	Anionic Detergent (as MBAS)	mg/l	0.2	1	<0.01	IS 3025 (Part-68): 2019, RA 2023
36.	Electrical Conductivity	μS/cm	---	---	217	IS 3025 (Part-14): 2013, RA 2023

End of Report

Reviewed By

Kahul Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

Issue Date: 02.07.2018

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Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com



Test Report

Report Code: W20250811-001(B)

Issue Date: 11.08.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar
Uttar Pradesh-201315

Sample Received On: 06.08.2025
Analysis Duration: 07.08.2025 to 10.08.2025

Sample Description: Water

RESULTS (Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	06.08.2025
Sampling Location	:	Near Batching Plant- Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-25): 2022
Weather Condition	:	Clear Sky
Sample Quantity	:	0.4 Liter
Sample Packing & Marking	:	Sterile Glass Bottle & NIA/AUG/W-01

S. No.	Parameters	Units	Results	Test Method
1.	Total Coliform	MPN/100ml	<2 (Not Detected)	IS 1622: 1981, RA 2019
2.	E. coli	MPN/100ml	<2 (Absent)	IS 1622: 1981, RA 2019

End of Report

Reviewed By

Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signatory
(Seal & Signature)

GRG-LAB/QF-039

Rev.:00

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Issue Date: 02.07.2018



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Test Report

Report Code: DW20250814-002(A)

Issue Date: 14.08.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Description: Drinking Water

RESULTS (Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	06.08.2025
Sampling Location	:	NIA Office – Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-1): 2021
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Liter
Sample Packing & Marking	:	Plastic Bottle & NIA/AUG/DW-02

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)		Results	Test Method
			Desirable Limit	Permissible Limit		
1.	Colour	CU	5	15	<5.0	IS 3025 (Part-4): 2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5): 2018
3.	Turbidity	NTU	1	5	<1.0	IS 3025 (Part-10): 2023
4.	pH	-	6.5-8.5	No Relaxation	6.86	IS 3025 (Part-11): 2022
5.	Total Dissolved Solids (TDS)	mg/l	500	2000	146	IS 3025 (Part-16): 2023
6.	Total Hardness (as CaCO ₃)	mg/l	200	600	83	IS 3025 (Part-21): 2009, RA 2023
7.	Total Alkalinity (as CaCO ₃)	mg/l	200	600	76.7	IS 3025 (Part-23): 2023
8.	Chlorides (as Cl)	mg/l	250	1000	24	IS 3025 (Part-32): 1988, RA 2019
9.	Fluoride (as F)	mg/l	1	1.5	0.2	APHA 24 th Ed., 4500F-D: 2023
10.	Calcium (as Ca ²⁺)	mg/l	75	200	20	IS 3025 (Part-40): 2024
11.	Magnesium (as Mg ²⁺)	mg/l	30	100	8.0	APHA 24 th Ed., 3500Mg-B: 2023
12.	Sulphate (as SO ₄)	mg/l	200	400	12	IS 3025 (Part-24/Sec-1): 2022
13.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	0.11	IS 3025 (Part-34/Sec-1): 2023
14.	Ammonia (as NH ₃)	mg/l	0.5	No Relaxation	<0.1	IS 3025 (Part-34/Sec-1): 2023
15.	Free Residual Chlorine (as Cl ₂)	mg/l	0.2	1	<0.1	IS 3025 (Part-26): 2021
16.	Iron (as Fe)	mg/l	0.3	No Relaxation	<0.01	APHA 24 th Ed., 3120-1: 2023(ICP-OES)

Reviewed By

Rahul Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

Issue Date: 02.07.2018

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Test Report

Report Code: DW20250814-002(A)

Issue Date: 14.08.2025

17.	Aluminum (as Al)	mg/l	0.03	0.2	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
18.	Barium (as Ba)	mg/l	0.07	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
19.	Copper (as Cu)	mg/l	0.05	1.5	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
20.	Manganese (as Mn)	mg/l	0.1	0.3	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
21.	Boron (as B)	mg/l	0.5	1	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
22.	Zinc (as Zn)	mg/l	5	15	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
23.	Selenium (as Se)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES-VGA)
24.	Silver (as Ag)	mg/l	0.1	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
25.	Molybdenum (as Mo)	mg/l	0.07	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
26.	Arsenic (as As)	mg/l	0.01	0.05	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES-VGA)
27.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
29.	Cyanide (as CN)	mg/l	0.05	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
30.	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
31.	Mercury (as Hg)	mg/l	0.001	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES-VGA)
32.	Nickel (as Ni)	mg/l	0.02	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
33.	Sulphide (as S)	mg/l	0.05	No Relaxation	<0.01	IS 3025 (Part-29): 2022
34.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	<0.001	IS 3025 (Part-43/Sec-1): 2022
35.	Anionic Detergent (as MBAS)	mg/l	0.2	1	<0.01	IS 3025 (Part-68): 2019, RA 2023
36.	Electrical Conductivity	μS/cm	---	---	220	IS 3025 (Part-14): 2013, RA 2023

End of Report

Reviewed By

Rahul Singh
 Sr. Chemist
 Authorized Signatory
 (Seal & Signature)

Rev.:00

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Test Report

Report Code: W20250811-002(B)

Issue Date: 11.08.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar
Uttar Pradesh-203135

Sample Received On: 06.08.2025

Analysis Duration: 07.08.2025 to 10.08.2025

Sample Description: Water

RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	06.08.2025
Sampling Location	:	NIA Office Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-25): 2022
Weather Condition	:	Clear Sky
Sample Quantity	:	0.4 Liter
Sample Packing & Marking	:	Sterile Glass Bottle & NIA/AUG/W-02

S. No.	Parameters	Units	Results	Test Method
1.	Total Coliform	MPN/100ml	<2 (Not Detected)	IS 1622: 1981, RA 2019
2.	E. coli	MPN/100ml	<2 (Absent)	IS 1622: 1981, RA 2019

End of Report

Reviewed By

Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.:00

Issue Date: 02.07.2018

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Test Report

Report Code: GW20250814-001(A)

Issue Date: 14.08.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 06.08.2025

Analysis Duration: 07.08.2025 to 13.08.2025

Sample Description: Ground Water

RESULTS (Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	06.08.2025
Sampling Location	:	Near PTB- Project site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-1): 2021
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Liter
Sample Packing & Marking	:	Plastic Bottle & NIA/AUG/GW-01

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)		Results	Test Method
			Desirable Limit	Permissible Limit		
1.	Colour	CU	5	15	<5.0	IS 3025 (Part-4): 2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5): 2018
3.	Turbidity	NTU	1	5	1	IS 3025 (Part-10): 2023
4.	pH	-	6.5-8.5	No Relaxation	8.03	IS 3025 (Part-11): 2022
5.	Total Dissolved Solids (TDS)	mg/l	500	2000	2097	IS 3025 (Part-16): 2023
6.	Total Hardness (as CaCO ₃)	mg/l	200	600	240	IS 3025 (Part-21): 2009, RA 2023
7.	Total Alkalinity (as CaCO ₃)	mg/l	200	600	503	IS 3025 (Part-23): 2023
8.	Chlorides (as Cl)	mg/l	250	1000	331	IS 3025 (Part-32): 1988, RA 2019
9.	Fluoride (as F)	mg/l	1	1.5	0.69	APHA 24 th Ed., 4500F-D: 2023
10.	Calcium (as Ca ²⁺)	mg/l	75	200	58.0	IS 3025 (Part-40): 2024
11.	Magnesium (as Mg ²⁺)	mg/l	30	100	23.0	APHA 24 th Ed., 3500Mg-B: 2023
12.	Sulphate (as SO ₄)	mg/l	200	400	587	IS 3025 (Part-24/Sec-1): 2022
13.	Nitrate (as NO ₃)	mg/l	45	No Relaxation	12.9	IS 3025 (Part-34/Sec-1): 2023
14.	Ammonia (as NH ₃)	mg/l	0.5	No Relaxation	<0.1	IS 3025 (Part-34/Sec-1): 2023
15.	Free Residual Chlorine (asCl ₂)	mg/l	0.2	1	<0.1	IS 3025 (Part-26): 2021

Reviewed By

Rahul Singh
(S. T. Chemist)
Authorized Signatory
GRC
* Issue Date: 02.07.2018

GRC-LAB/QF-039

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Test Report

Report Code: GW20250814-001(A)

Issue Date: 14.08.2025

16.	Iron (as Fe)	mg/l	0.3	No Relaxation	0.23	APHA 24th Ed.,3120-B: 2023 (ICP-OES)
17.	Aluminum (as Al)	mg/l	0.03	0.2	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
18.	Barium (as Ba)	mg/l	0.07	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
19.	Copper (as Cu)	mg/l	0.05	1.5	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
20.	Manganese (as Mn)	mg/l	0.1	0.3	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
21.	Boron (as B)	mg/l	0.5	1	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
22.	Zinc (as Zn)	mg/l	5	15	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
23.	Selenium (as Se)	mg/l	0.01	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES VGA)
24.	Silver (as Ag)	mg/l	0.1	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
25.	Molybdenum (as Mo)	mg/l	0.07	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
26.	Arsenic (as As)	mg/l	0.01	0.05	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES VGA)
27.	Cadmium (as Cd)	mg/l	0.003	No Relaxation	<0.001	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
28.	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
29.	Cyanide (as CN)	mg/l	0.05	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
30.	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
31.	Mercury (as Hg)	mg/l	0.001	No Relaxation	<0.001	APHA 24th Ed., 3120-B: 2023 (ICP-OES VGA)
32.	Nickel (as Ni)	mg/l	0.02	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
33.	Sulphide (as S)	mg/l	0.05	No Relaxation	<0.01	IS 3025 (Part-29): 2022
34.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	<0.001	IS 3025 (Part-43/Sec-1): 2022
35.	Anionic Detergent (as MBAS)	mg/l	0.2	1	<0.01	IS 3025 (Part-68): 2019, RA 2023
36.	Electrical Conductivity	µS/cm	---	---	3150	IS 3025 (Part-14): 2013, RA 2023

End of Report

Reviewed By

Rahul Singh
Sr. Chemist
Noida
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018

GRC-LAB/QF-039

Rev.00

Note:

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Phone No.: 0120 – 4044630, 4044660; Fax: 0120 – 2406519, 0120 - 4044675

Website: <https://www.grc-india.com> E-mail : lab@grc-india.com; info@grc-india.com



Test Report

Report Code: GW20250811-001(B)

Issue Date: 11.08.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar
Uttar Pradesh-203135

Sample Received On: 06.08.2025

Analysis Duration: 07.08.2025 to 10.08.2025

Sample Description: Ground Water

RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	06.08.2025
Sampling Location	:	Near PTB- Project site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-25): 2022
Weather Condition	:	Clear Sky
Sample Quantity	:	0.4 Liter
Sample Packing & Marking	:	Sterile Glass Bottle & NIA/AUG/GW-01

S. No.	Parameters	Units	Results	Test Method
1.	Total Coliform	MPN/100ml	<2 (Not Detected)	IS 1622: 1981, RA 2019
2.	<u>E. coli</u>	MPN/100ml	<2 (Absent)	IS 1622: 1981, RA 2019

****End of Report****

Reviewed By

Ajay Kumar Sharma
(S. Quality Manager)
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018

GRC-LAB/QF-039

Rev.:00

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Website: <https://www.grc-india.com>; E-mail : lab@grc-india.com; info@grc-india.com

Test Report

Report Code: WW20250814-001(A)

Issue Date: 14.08.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 06.08.2025

Analysis Duration: 07.08.2025 to 13.08.2025

Sample Description: Waste Water- STP Outlet

RESULTS

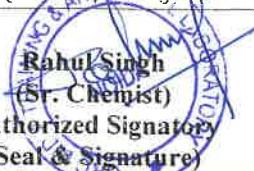
(Waste Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	06.08.2025
Sampling Location	:	STP-Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-10): 2021
Weather Condition	:	Clear Sky
Sample Quantity	:	2 Liter
Sample Packing & Marking	:	Plastic Bottle & NIA/AUG/WW-01

S. No.	Parameters	Units	Results	Requirements as per Gazette No. 843: 2017	Test Method
				Permissible Limit	
1.	pH Value	-	8.95	5.5 - 9.0	IS 3025 (Part-11): 2022
2.	Total Suspended Solids (TSS)	mg/l	13.0	Max. 50	IS 3025 (Part-17): 2022
3.	Biochemical Oxygen Demand (BOD) for 3 Days at 27°C	mg/l	12.5	Max. 20	IS 3025 (Part-44): 2023
4.	Chemical Oxygen Demand (COD)	mg/l	40.0	--	IS 3025 (Part-58): 2023
5.	Specific Conductivity	µS/cm	3980	--	IS 3025 (Part-14): 2013, RA 2023
6.	Calcium (as Ca ²⁺)	mg/l	124	--	IS 3025 (Part-40): 2024
7.	Magnesium (as Mg ²⁺)	mg/l	50.0	--	APHA 24 th Ed., 3500Mg-B: 2023
8.	Ammonical Nitrogen (as NH ₃ -N)	mg/l	0.8	--	IS 3025 (Part-34/Sec-1): 2023
9.	Total Kjeldal Nitrogen (as N)	mg/l	1.3	--	IS 3025 (Part-34/Sec-1): 2023
10.	Oil & Grease	mg/l	<4	--	IS 3025 (Part-39): 2021
11.	Free Residual Chlorine (as Cl ₂)	mg/l	<0.1	--	IS 3025 (Part-26): 20212
12.	Sulphide (as S)	mg/l	0.2	--	IS 3025 (Part-29): 2022
13.	Sodium (as Na)	mg/l	56.0	--	IS 3025 (Part-45): 2024
14.	Potassium (as K)	mg/l	13.5	--	IS 3025 (Part-45): 2024
15.	Cyanide (as CN)	mg/l	<0.01	--	IS 3025 (Part-27/Sec-1): 2021

Reviewed By


Rahul Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev:00

Issue Date: 02.07.2018

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Test Report

Report Code: WW20250814-001(A)

Issue Date: 14.08.2025

16.	Lead (as Pb)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
17.	Total Chromium (as Cr)	mg/l	<0.1	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
18.	Copper (as Cu)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
19.	Zinc (as Zn)	mg/l	0.53	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
20.	Nickel (as Ni)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
21.	Boron (as B)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
22.	Arsenic (as As)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
23.	Mercury (as Hg)	mg/l	<0.001	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
24.	Cadmium (as Cd)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
25.	Selenium (as Se)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
26.	Iron (as Fe)	mg/l	0.23	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
27.	Manganese (as Mn)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
28.	Aluminum (as Al)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
29.	Barium (as Ba)	mg/l	<0.01	--	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)

End of Report

Reviewed By

Rahul Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

GRC-LAB/QF-039

Rev.00

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Test Report

Report Code: WW20250811-001(B)

Issue Date: 11.08.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar
Uttar Pradesh-203135

Sample Received On: 06.08.2025

Analysis Duration: 07.08.2025 to 10.08.2025

Sample Description: Waste Water- STP Outlet

RESULTS

(Waste Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	06.08.2025
Sampling Location	:	STP-Project Site
Sample Collected by	:	Mr. Sonu Sen
Sampling Protocol	:	IS 17614 (Part-25): 2022
Weather Condition	:	Clear Sky
Sample Quantity	:	0.4 Liter
Sample Packing & Marking	:	Sterile Glass Bottle & NIA/AUG/WW-01

S. No.	Parameters	Units	Permissible Limit as per Gazette No. 843: 2017	Results	Test Method
1.	Total Coliform	MPN/100ml	--	960	APHA 24th Edition 9221-B: 2023
2.	Fecal Coliform	MPN/100ml	Max. 1000	380	APHA 24th Edition 9221-E: 2023

End of Report

Reviewed By

GRCLAB/QF-039

Rev.:00

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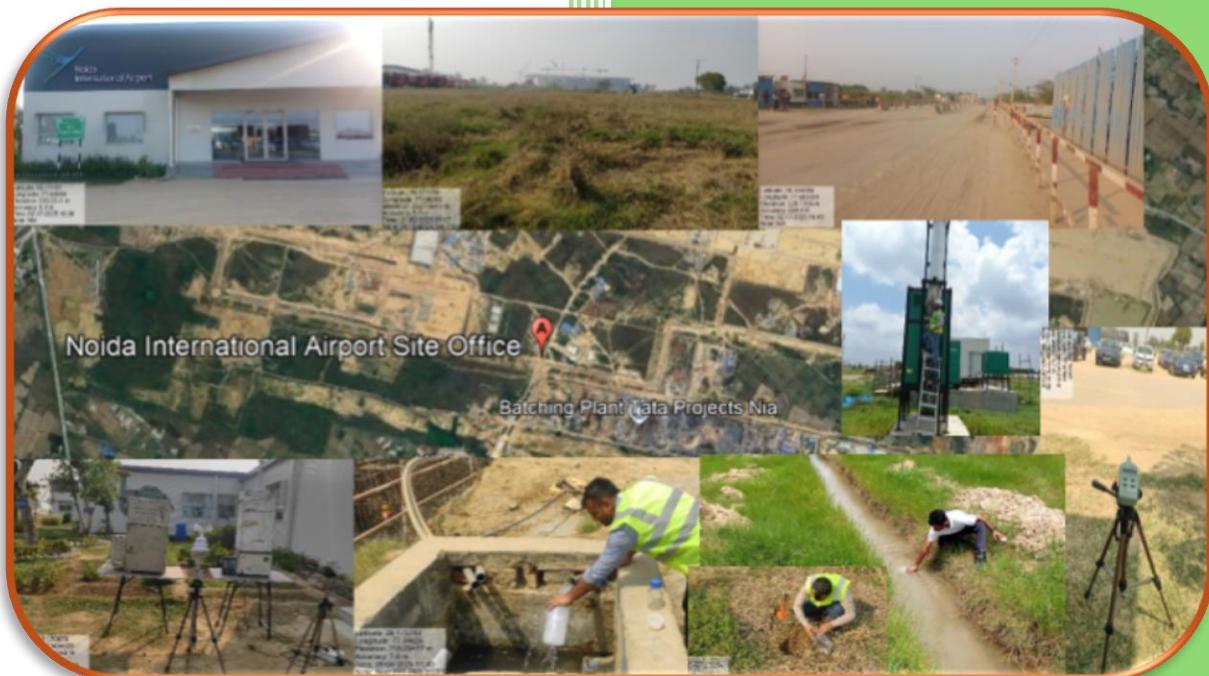
Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signatory
(Seal & Signature)

Issue Date: 02.07.2018

POST EC BASELINE ENVIRONMENTAL QUALITY MONITORING REPORT FOR

M/S. YAMUNA INTERNATIONAL AIRPORT PRIVATE LIMITED
Administrative Office, Noida International Airport (NIA),
Kishorepur, Gautam Buddha Nagar, Jewar, Uttar Pradesh-203135.

SEPTEMBER- 2025



Submitted By:



**GRC INDIA TRAINING & ANALYTICAL LABORATORY,
(A Unit of GRC India Private Limited)**

NABL Accredited & MoEF&CC Recognized Environmental Laboratory

F-375, Sector-63, Noida, U.P.-201301

Ph.: 0120- 4044630, (+91) 9013385810

Email: lab@grc-india.com; Website: <http://www.grc-india.com>

ANNEXURE-I

(TEST REPORTS)



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Phone No.: 0120 - 4044630; E-mail : lab@grc-india.com; info@grc-india.com; Website: <https://www.grc-india.com>

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Test Report

ULR No.: TC750125000000217F

Issue Date: 20.09.2025

Report Code: A20250920-00000217

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar, Uttar Pradesh-203135

Sample Received On : 17.09.2025

Analysis Duration : 17.09.2025 to 20.09.2025

Sample Description: Ambient Air Sample

TEST RESULTS

(Ambient Air Quality Analysis)

SAMPLING DETAILS

Dates of Monitoring	: 16-09-2025 to 17-09-2025
Monitoring/ Sampling Location	: Near NIA Office-Project Site
Sample Collected by	: Mr. Maan Singh
Monitoring/ Sampling Protocol	: GRC/LAB/STP/AIR/01, Issue No.-01, Issue date: 02.07.2018
Environmental Conditions	: Clear Sky
Sampling Duration	: 24 Hours except *CO
Sampler Installation Height	: 4 meter above from Ground level
Sample Packing & Marking	: Plastic Bottles and Zip Bag & NIA/SEPT/AAQ-01



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S. No.	Parameters	Units	National Ambient Air Quality Standards (2009)	Results	Test Method
			Max. Concentration		
1	Particulate Matter (PM ₁₀)	µg/m ³	100	75.7	IS 5182 (Part 23): 2006, RA 2022
2	Particulate Matter (PM _{2.5})	µg/m ³	60	44.2	IS 5182 (Part 24): 2019, RA 2024
3	Sulphur Dioxide (SO ₂)	µg/m ³	80	8.7	IS 5182 (Part 2/Sec 1): 2023
4	Nitrogen Dioxide (NO ₂)	µg/m ³	80	17.8	IS 5182 (Part 6): 2006, RA 2022
5	*Carbon Monoxide (CO)	µg/m ³	4000	200	IS 5182 (Part 10): 1999, RA 2019
6	Metal in Particulate Matter- Lead (Pb)	µg/m ³	1	<0.001	IS 5182 (Part 22): 2004, RA 2019
7	Ammonia (NH ₃)	µg/m ³	400	<1.0	IS 5182 (Part 25): 2018
8	Benzene (C ₆ H ₆)	µg/m ³	5	<1.0	IS 5182 (Part 11): 2006, RA 2022

Note: *Sampling Duration for Carbon Monoxide (CO) is 01 Hours

End of Report

Reviewed By

Note:

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F-375, Sector-63, Noida, Gautam Budh Nagar, U.P. - 201301

Phone No.: 0120 - 4044630; E-mail : lab@grc-india.com; info@grc-india.com; Website: <https://www.grc-india.com>

Test Report

Report Code: A20250920-024

Issue Date: 20.09.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, J ewar, Uttar Pradesh-203135

Sample Received On : 17.09.2025
Analysis Duration : 17.09.2025 to 20.09.2025

Sample Description: Ambient Air Sample

TEST RESULTS (Ambient Air Quality Analysis)

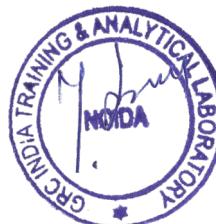
SAMPLING DETAILS

Date of Monitoring	: 16.09.2025 To 17.09.2025
Monitoring/ Sampling Location	: Near NIA Office-Project Site
Sample Collected by	: Mr. Maan Singh
Monitoring/ Sampling Protocol	: GRC/LAB/STP/AIR/01, Issue No. 01, Issue date: 02.07.2018
Environmental Conditions	: Clear Sky
Sampling Duration	: 8 hours
Sampler Installation Height	: 4 meter above Ground level
Sample Packing & Marking	: Tedlar Bag & NIA/SEPT/AAQ-01

S. No.	Parameters	Units	Results	Test Method
1	Methane (CH ₄)	µg/m ³	<1.0	GRC-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020

****End of Report****

Reviewed By



Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

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Phone No.: 0120 - 4044630; E-mail : lab@grc-india.com; info@grc-india.com; Website: <https://www.grc-india.com>

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Test Report

ULR No.: TC750125000000218F

Issue Date: 20.09.2025

Report Code: A20250920-00000218

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar, Uttar Pradesh-203135

Sample Received On : 17.09.2025

Analysis Duration : 17.09.2025 to 20.09.2025

Sample Description: Ambient Air Sample

TEST RESULTS

(Ambient Air Quality Analysis)

SAMPLING DETAILS

Dates of Monitoring : 16-09-2025 to 17-09-2025
 Monitoring/ Sampling Location Village Dayanatpur
 Sample Collected by Mr. Maan Singh
 Monitoring/ Sampling Protocol : GRC/LAB/STP/AIR/01, Issue No.-01, Issue date: 02.07.2018
 Environmental Conditions : Clear Sky
 Sampling Duration : 24 Hours except *CO
 Sampler Installation Height : 4 meter above from Ground level
 Sample Packing & Marking : Plastic Bottles and Zip Bag & NIA/SEPT/AAQ-02



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S. No.	Parameters	Units	National Ambient Air Quality Standards (2009)	Results	Test Method
			Max. Concentration		
1	Particulate Matter (PM ₁₀)	µg/m ³	100	61.4	IS 5182 (Part 23): 2006, RA 2022
2	Particulate Matter (PM _{2.5})	µg/m ³	60	32.7	IS 5182 (Part 24): 2019, RA 2024
3	Sulphur Dioxide (SO ₂)	µg/m ³	80	6.5	IS 5182 (Part 2/Sec 1): 2023
4	Nitrogen Dioxide (NO ₂)	µg/m ³	80	13.3	IS 5182 (Part 6): 2006, RA 2022
5	*Carbon Monoxide (CO)	µg/m ³	4000	180	IS 5182 (Part 10): 1999, RA 2019
6	Metal in Particulate Matter- Lead (Pb)	µg/m ³	1	<0.001	IS 5182 (Part 22): 2004, RA 2019
7	Ammonia (NH ₃)	µg/m ³	400	<1.0	IS 5182 (Part 25): 2018
8	Benzene (C ₆ H ₆)	µg/m ³	5	<1.0	IS 5182 (Part 11): 2006, RA 2022

Note: *Sampling Duration for Carbon Monoxide (CO) is 01 Hours

End of Report

Reviewed By



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 Phone No.: 0120 - 4044630; E-mail : lab@grc-india.com; info@grc-india.com; Website: <https://www.grc-india.com>

Test Report

Report Code: A20250920-025

Issue Date: 20.09.2025

Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jawar, Uttar Pradesh-203135

Sample Received On : 17.09.2025
Analysis Duration : 17.09.2025 to 20.09.2025

Sample Description: Ambient Air Sample

TEST RESULTS (Ambient Air Quality Analysis)

SAMPLING DETAILS

Date of Monitoring	: 16.09.2025 To 17.09.2025
Monitoring/ Sampling Location	Village Dayanatpur
Sample Collected by	: Mr. Maan Singh
Monitoring/ Sampling Protocol	: GRC/LAB/STP/AIR/01, Issue No. 01, Issue date: 02.07.2018
Environmental Conditions	: Clear Sky
Sampling Duration	: 8 hours
Sampler Installation Height	: 4 meter above Ground level
Sample Packing & Marking	: Tedlar Bag & NIA/SEPT/AAQ-02

S. No.	Parameters	Units	Results	Test Method
1	Methane (CH ₄)	µg/m ³	<1.0	GRC-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020

****End of Report****

Reviewed By



**Narinder Singh
 (Sr. Chemist)
 Authorized Signatory
 (Seal & Signature)**

Note:

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Test Report

ULR No.: TC750125000000526F

Issue Date: 01.10.2025

Report Code: A20251001-00000526

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar, Uttar Pradesh-203135

Sample Received On : 26.09.2025

Analysis Duration : 26.09.2025 to 29.09.2025

Sample Description: Ambient Air Sample

TEST RESULTS

(Ambient Air Quality Analysis)

SAMPLING DETAILS

Dates of Monitoring : 25-09-2025 to 26-09-2025
 Monitoring/ Sampling Location Near NIA Office-Project Site
 Sample Collected by : Mr. Maan Singh
 Monitoring/ Sampling Protocol : GRC/LAB/STP/AIR/01, Issue No.-01, Issue date: 02.07.2018
 Environmental Conditions : Clear Sky
 Sampling Duration : 24 Hours except *CO
 Sampler Installation Height : 4 meter above from Ground level
 Sample Packing & Marking : Plastic Bottles and Zip Bag & NIA/SEPT/AAQ-01



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S. No.	Parameters	Units	National Ambient Air Quality Standards (2009)	Results	Test Method
			Max. Concentration		
1	Particulate Matter (PM ₁₀)	µg/m ³	100	78.9	IS 5182 (Part 23): 2006, RA 2022
2	Particulate Matter (PM _{2.5})	µg/m ³	60	46.7	IS 5182 (Part 24): 2019, RA 2024
3	Sulphur Dioxide (SO ₂)	µg/m ³	80	8.9	IS 5182 (Part 2/Sec 1): 2023
4	Nitrogen Dioxide (NO ₂)	µg/m ³	80	18.7	IS 5182 (Part 6): 2006, RA 2022
5	*Carbon Monoxide (CO)	µg/m ³	4000	210	IS 5182 (Part 10): 1999, RA 2019
6	Metal in Particulate Matter- Lead (Pb)	µg/m ³	1	<0.001	IS 5182 (Part 22): 2004, RA 2019
7	Ammonia (NH ₃)	µg/m ³	400	<1.0	IS 5182 (Part 25): 2018
8	Benzene (C ₆ H ₆)	µg/m ³	5	<1.0	IS 5182 (Part 11): 2006, RA 2022

Note: *Sampling Duration for Carbon Monoxide (CO) is 01 Hours

End of Report



Reviewed By

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Test Report

Report Code: A20251001-026

Issue Date: 01.10.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, J ewar, Uttar Pradesh-203135

Sample Received On : 26.09.2025
Analysis Duration : 26.09.2025 to 29.09.2025

Sample Description: Ambient Air Sample

TEST RESULTS (Ambient Air Quality Analysis)

SAMPLING DETAILS

Date of Monitoring	: 25.09.2025 To 26.09.2025
Monitoring/ Sampling Location	: Near NIA Office-Project Site
Sample Collected by	: Mr. Maan Singh
Monitoring/ Sampling Protocol	: GRC/LAB/STP/AIR/01, Issue No. 01, Issue date: 02.07.2018
Environmental Conditions	: Clear Sky
Sampling Duration	: 8 hours
Sampler Installation Height	: 4 meter above Ground level
Sample Packing & Marking	: Tedlar Bag & NIA/SEPT/AAQ-01

S. No.	Parameters	Units	Results	Test Method
1	Methane (CH ₄)	µg/m ³	<1.0	GRC-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020

****End of Report****


Reviewed By



Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

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Test Report

ULR No.: TC750125000000527F

Issue Date: 01.10.2025

Report Code: A20251001-00000527

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar, Uttar Pradesh-203135

Sample Received On : 26.09.2025

Analysis Duration : 26.09.2025 to 29.09.2025

Sample Description: Ambient Air Sample

TEST RESULTS

(Ambient Air Quality Analysis)

SAMPLING DETAILS

Dates of Monitoring	: 25-09-2025 to 26-09-2025
Monitoring/ Sampling Location	: Village Dayanatpur
Sample Collected by	: Mr. Maan Singh
Monitoring/ Sampling Protocol	: GRC/LAB/STP/AIR/01, Issue No.-01, Issue date: 02.07.2018
Environmental Conditions	: Clear Sky
Sampling Duration	: 24 Hours except *CO
Sampler Installation Height	: 4 meter above from Ground level
Sample Packing & Marking	: Plastic Bottles and Zip Bag & NIA/SEPT/AAQ-02

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S. No.	Parameters	Units	National Ambient Air Quality Standards (2009)	Results	Test Method
			Max. Concentration		
1	Particulate Matter (PM ₁₀)	µg/m ³	100	64.6	IS 5182 (Part 23): 2006, RA 2022
2	Particulate Matter (PM _{2.5})	µg/m ³	60	34.8	IS 5182 (Part 24): 2019, RA 2024
3	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.1	IS 5182 (Part 2/Sec 1): 2023
4	Nitrogen Dioxide (NO ₂)	µg/m ³	80	14.2	IS 5182 (Part 6): 2006, RA 2022
5	*Carbon Monoxide (CO)	µg/m ³	4000	190	IS 5182 (Part 10): 1999, RA 2019
6	Metal in Particulate Matter- Lead (Pb)	µg/m ³	1	<0.001	IS 5182 (Part 22): 2004, RA 2019
7	Ammonia (NH ₃)	µg/m ³	400	<1.0	IS 5182 (Part 25): 2018
8	Benzene (C ₆ H ₆)	µg/m ³	5	<1.0	IS 5182 (Part 11): 2006, RA 2022

Note: *Sampling Duration for Carbon Monoxide (CO) is 01 Hours

End of Report

Reviewed By

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Test Report

Report Code: A20251001-027

Issue Date: 01.10.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar, Uttar Pradesh-203135

Sample Received On : 26.09.2025
Analysis Duration : 26.09.2025 to 29.09.2025

Sample Description: Ambient Air Sample

TEST RESULTS

(Ambient Air Quality Analysis)

SAMPLING DETAILS

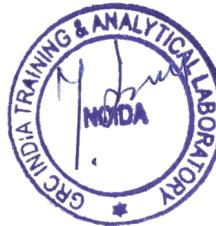
Date of Monitoring	: 25.09.2025 To 26.09.2025
Monitoring/ Sampling Location	Village Dayanatpur
Sample Collected by	: Mr. Maan Singh
Monitoring/ Sampling Protocol	: GRC/LAB/STP/AIR/01, Issue No. 01, Issue date: 02.07.2018
Environmental Conditions	: Clear Sky
Sampling Duration	: 8 hours
Sampler Installation Height	: 4 meter above Ground level
Sample Packing & Marking	: Tedlar Bag & NIA/SEPT/AAQ-01

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S. No.	Parameters	Units	Results	Test Method
1	Methane (CH ₄)	µg/m ³	<1.0	GRC-LAB/STP/AA-01, Issue No-01, Issue Date: 02.01.2020

****End of Report****


Reviewed By



Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

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Doc. No.: GRC-LAB/QF-039

Revision No.: 01

Revision Date: 01.09.2025

Issue No.: 02

Issue Date: 03.09.2025



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Test Report

ULR No.:TC750125000000219F

Issue Date: 20.09.2025

Report Code: N20250920-00000219

Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jawar, Uttar Pradesh-203135

Monitoring Data Received On : 17.09.2025

Sample Description: Ambient Noise

TEST RESULTS

(Ambient Noise Quality Monitoring)

SAMPLING DETAILS

Dates of Monitoring : 16.09.2025 to 17.09.2025
 Monitoring Done by : Mr. Maan Singh
 Monitoring Protocol : IS 9989: 1981, RA 2023
 Environmental Conditions : Clear Sky
 Monitoring Duration : 24 Hours



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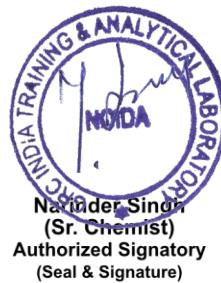
S. No.	Location	Category of Zone/ Area	Prescribed Limit		Observed Noise Level, Leq, dB (A)	
			Airport Standard Notification, E-413, 2018; Leq, dB (A)		Day Time*	Night Time**
			Day Time*	Night Time**		
1.	Near NIA Office-Project Site	Airport Area	70	65	56.9	48.8

* Day Time : 6.00 AM to 10.00 PM

**Night Time : 10.00 PM to 6.00 AM

****End of Report****


 Reviewed By



Maaninder Singh
 (Sr. Chemist)
 Authorized Signatory
 (Seal & Signature)

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ANNEXURE-I

Report Code: N20250920-00000219

Issued To: M/s. Yamuna International Airport Private Limited, Monitoring Data Received On : 17.09.2025
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, J ewar, Uttar Pradesh-203135

Sample Description: Ambient Noise

TEST RESULTS

(Computation Data of Ambient Noise Quality)

SAMPLING DETAILS

Dates of Monitoring	: 16.09.2025 to 17.09.2025
Monitoring Location	: Near NIA Office (Project Site)
Monitoring Done by	: Mr. Maan Singh
Monitoring Protocol	: IS 9989: 1981, RA 2023
Environmental Conditions	: Clear Sky
Monitoring Duration	: 24 Hours

Noise Level, dB	R17	R18	R19	R20	R21	R22	R23	R24								
64.2	6.00	7.00	8.00	9.00	10.00	11.00	12.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00

Noise Level, dB	R17	R18	R19	R20	R21	R22	R23	R24								
56.8	10.00	11.00	12.00	1.00	2.00	3.00	4.00	5.00								

Noise Level Summary (24 Hours)	L _{Max}	L _{Min}	L ₁₀	L ₅₀	L ₉₀	L _{Day}	L _{Night}									
	62.4	56.0	61.4	59.5	56.9	63.9	55.7									

Note: The noise measurement was conducted over a duration of 1 hour.

****End of Report****


Reviewed By



**Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)**

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Test Report

ULR No.:TC750125000000220F

Issue Date: 20.09.2025

Report Code: N20250920-00000220

Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jawar, Uttar Pradesh-203135

Monitoring Data Received On : 17.09.2025

Sample Description: Ambient Noise

TEST RESULTS

(Ambient Noise Quality Monitoring)

SAMPLING DETAILS

Dates of Monitoring : 16.09.2025 to 17.09.2025
 Monitoring Done by : Mr. Maan Singh
 Monitoring Protocol : IS 9989: 1981, RA 2023
 Environmental Conditions : Clear Sky
 Monitoring Duration : 24 Hours



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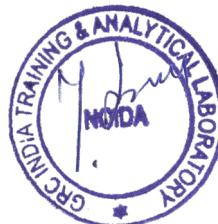
S. No.	Location	Category of Zone/ Area	Prescribed Limit		Observed Noise Level, Leq, dB (A)	
			Noise Pollution (Regulation & Control) Rules, 2000; Leq, dB (A)	Day Time*	Night Time**	Day Time*
1.	Village Dayanatpur	Residential Area	55	45	48.3	40.1

* Day Time : 6.00 AM to 10.00 PM

**Night Time : 10.00 PM to 6.00 AM

****End of Report****

Reviewed By



Narinder Singh
 (Sr. Chemist)
 Authorized Signatory
 (Seal & Signature)

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ANNEXURE-I

Report Code: N20250920-00000220

Issued To: M/s. Yamuna International Airport Private Limited, **Monitoring Data Received On :** 17.09.2025
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, J ewar, Uttar Pradesh-203135

Sample Description: Ambient Noise

TEST RESULTS

(Computation Data of Ambient Noise Quality)

SAMPLING DETAILS

Dates of Monitoring	:	16.09.2025 to 17.09.2025
Monitoring Location	:	Village-Dayanathpur
Monitoring Done by	:	Mr. Maan Singh
Monitoring Protocol	:	IS 9989: 1981, RA 2023
Environmental Conditions	:	Clear Sky
Monitoring Duration	:	24 Hours

In Day Time (6am to 10pm)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	R16
	6.00	7.00	8.00	9.00	10.00	11.00	12.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00
Noise Level, dB	47.5	45.4	48.7	44.8	49.7	51.4	50.3	50.8	44.5	46.2	45.6	49.9	51.3	46.7	43.9	42.6

In Night (10pm to 6am)	R17	R18	R19	R20	R21	R22	R23	R24
	10.00	11.00	12.00	1.00	2.00	3.00	4.00	5.00
Noise Level, dB	42.9	37.6	40.9	39.6	40.9	38.9	37.6	39.7

Noise Level Summary (24 Hours)	L _{Max}	L _{Min}	L ₁₀	L ₅₀	L ₉₀	L _{Day}	L _{Night}
	47.2	40.1	46.3	43.2	41.2	48.3	40.1

Note: The noise measurement was conducted over a duration of 1 hour.

****End of Report****

Reviewed By



**Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)**

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Test Report

ULR No.:TC750125000000528F

Issue Date: 01.10.2025

Report Code: N20251001-00000528

Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jawar, Uttar Pradesh-203135

Monitoring Data Received On : 26.09.2025

Sample Description: Ambient Noise

TEST RESULTS

(Ambient Noise Quality Monitoring)

SAMPLING DETAILS

Dates of Monitoring : 25.09.2025 to 26.09.2025
 Monitoring Done by : Mr. Maan Singh
 Monitoring Protocol : IS 9989: 1981, RA 2023
 Environmental Conditions : Clear Sky
 Monitoring Duration : 24 Hours



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S. No.	Location	Category of Zone/ Area	Prescribed Limit		Observed Noise Level, Leq, dB (A)	
			Airport Standard Notification, E-413, 2018; Leq, dB (A)		Day Time*	Night Time**
			Day Time*	Night Time**		
1.	Near NIA Office-Project Site	Airport Area	70	65	65.8	52.7

* Day Time : 6.00 AM to 10.00 PM

**Night Time : 10.00 PM to 6.00 AM

****End of Report****


 Reviewed By



Narinder Singh
 (Sr. Chemist)
 Authorized Signatory
 (Seal & Signature)

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Phone No.: 0120 - 4044630; E-mail : lab@grc-india.com; info@grc-india.com; Website: <https://www.grc-india.com>

ANNEXURE-I

Report Code: N20251001-00000528

Issued To: M/s. Yamuna International Airport Private Limited, Monitoring Data Received On : 26.09.2025
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, J ewar, Uttar Pradesh-203135

Sample Description: Ambient Noise

TEST RESULTS

(Computation Data of Ambient Noise Quality)

SAMPLING DETAILS

Dates of Monitoring	: 25.09.2025 to 26.09.2025
Monitoring Location	: Near NIA Office (Project Site)
Monitoring Done by	: Mr. Maan Singh
Monitoring Protocol	: IS 9989: 1981, RA 2023
Environmental Conditions	: Clear Sky
Monitoring Duration	: 24 Hours

Noise Level, dB	R17	R18	R19	R20	R21	R22	R23	R24								
62.1	6.00	7.00	8.00	9.00	10.00	11.00	12.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00

Noise Level, dB	R17	R18	R19	R20	R21	R22	R23	R24								
58.5	10.00	11.00	12.00	1.00	2.00	3.00	4.00	5.00								

Noise Level Summary (24 Hours)	L _{Max}	L _{Min}	L ₁₀	L ₅₀	L ₉₀	L _{Day}	L _{Night}									
	64.4	54.3	61.6	57.4	55.2	65.8	52.7									

Note: The noise measurement was conducted over a duration of 1 hour.

****End of Report****


Reviewed By



**Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)**

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Test Report

ULR No.:TC750125000000529F

Issue Date: 01.10.2025

Report Code: N20251001-00000529

Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jawar, Uttar Pradesh-203135

Monitoring Data Received On : 26.09.2025

Sample Description: Ambient Noise

TEST RESULTS

(Ambient Noise Quality Monitoring)

SAMPLING DETAILS

Dates of Monitoring : 25.09.2025 to 26.09.2025
 Monitoring Done by : Mr. Maan Singh
 Monitoring Protocol : IS 9989: 1981, RA 2023
 Environmental Conditions : Clear Sky
 Monitoring Duration : 24 Hours



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S. No.	Location	Category of Zone/ Area	Prescribed Limit		Observed Noise Level, Leq, dB (A)	
			Noise Pollution (Regulation & Control) Rules, 2000; Leq, dB (A)	Day Time*	Night Time**	Day Time*
1.	Village Dayanatpur	Residential Area	55	45	45.6	37.8

* Day Time : 6.00 AM to 10.00 PM

**Night Time : 10.00 PM to 6.00 AM

End of Report

Reviewed By



Narinder Singh
 (Sr. Chemist)
 Authorized Signatory
 (Seal & Signature)

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ANNEXURE-I

Report Code: N20251001-00000529

Issued To: M/s. Yamuna International Airport Private Limited, Monitoring Data Received On : 26.09.2025
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar, Uttar Pradesh-203135

Sample Description: Ambient Noise

TEST RESULTS

(Computation Data of Ambient Noise Quality)

SAMPLING DETAILS

Dates of Monitoring	: 25.09.2025 to 26.09.2025
Monitoring Location	: Village Dayanatpur
Monitoring Done by	: Mr. Maan Singh
Monitoring Protocol	: IS 9989: 1981, RA 2023
Environmental Conditions	: Clear Sky
Monitoring Duration	: 24 Hours

In Day Time (6am to 10pm)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	R16
	6.00	7.00	8.00	9.00	10.00	11.00	12.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00
Noise Level, dB	42.7	43.3	43.5	44.4	47.3	48.2	46.5	47.3	44.5	45.4	46.5	45.1	46.5	44.4	43.8	45.6

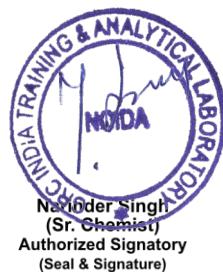
In Night (10pm to 6am)	R17	R18	R19	R20	R21	R22	R23	R24								
	10.00	11.00	12.00	1.00	2.00	3.00	4.00	5.00								
Noise Level, dB	42.5	36.6	35.8	34.7	35.5	34.9	36.8	38.9								

Noise Level Summary (24 Hours)	L _{Max}	L _{Min}	L ₁₀	L ₅₀	L ₉₀	L _{Day}	L _{Night}
	45.4	38.7	43.6	40.6	39.4	45.6	37.8

Note: The noise measurement was conducted over a duration of 1 hour.

****End of Report****


Reviewed By



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Test Report

ULR No.: TC750125000000221F

Issue Date: 29.09.2025

Report Code: DW20250929-00000221

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar, Uttar Pradesh-203135

Sample Received On : 17.09.2025
Analysis Duration : 17.09.2025 to 27.09.2025

Sample Description: Drinking Water

TEST RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling : 16.09.2025
Sampling Location : Labour Colony (Project Site)
Sample Collected by : Mr. Maan Singh
Sampling Method : IS 17614 (Part-21): 2021
Environmental Conditions : Clear Sky
Sample Quantity : 5 Litter
Sample Packing & Marking : Plastic Bottle & NIA/SEPT/DW-01



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S. No.	Parameters	Units	Specific Requirements		Results	Test Method
			as per IS 10500:2012, RA 2023	Acceptable Limit		
1	Colour	Hazen/CU	5	15	<5.0	IS 3025 (Part-4): 2021
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5): 2018
3	Turbidity	NTU	1	5.0	<1.0	IS 3025 (Part-10): 2023
4	pH Value @ 25°C	-	6.5- 8.5	No Relaxation	7.19	IS 3025 (Part-11): 2022
5	Total Dissolved Solids (TDS)	mg/l	500	2000	141.0	IS 3025 (Part-16): 2023
6	Total Hardness (as CaCO ₃)	mg/l	200	600	55.4	IS 3025 (Part-21): 2009, RA 2023
7	Total Alkalinity (as CaCO ₃)	mg/l	200	600	88.0	IS 3025 (Part-23): 2023
8	Chlorides (as Cl ⁻)	mg/l	250	1000	10.0	IS 3025 (Part-32): 1988, RA 2019
9	Fluoride (as F ⁻)	mg/l	1	1.5	0.39	APHA 24 th Ed., 4500F-D: 2023
10	Calcium (as Ca ²⁺)	mg/l	75	200	13.0	IS 3025 (Part-40): 2024
11	Magnesium (as Mg ²⁺)	mg/l	30	100	5.5	APHA 24 th Ed., 3500Mg-B: 2023
12	Sulphate (as SO ₄)	mg/l	200	400	16.2	IS 3025 (Part-24/Sec-1): 2022
13	Nitrate (as NO ₃)	mg/l	45	No Relaxation	0.12	IS 3025 (Part-34/Sec-1): 2023
14	Ammonical Nitrogen (as NH ₃ -N)	mg/l	0.5	No Relaxation	<0.1	IS 3025 (Part-34/Sec-1): 2023
15	Free Residual Chlorine (as Cl ₂)	mg/l	0.2	1.0	<0.1	IS 3025 (Part-26): 2021
16	Iron (as Fe)	mg/l	1.0	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
17	Aluminum (as Al)	mg/l	0.03	0.2	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
18	Barium (as Ba)	mg/l	0.7	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
19	Copper (as Cu)	mg/l	0.05	1.5	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
20	Manganese (as Mn)	mg/l	0.1	0.3	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)


Reviewed By

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Doc. No.: GRC-LAB/QF-039

Revision No.: 01

Revision Date: 01.09.2025

Issue No.: 02

Issue Date: 03.09.2025



Ramul Singh Narwara
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

Test Report

ULR No.: TC75012500000221F

Issue Date: 29.09.2025

21	Boron (as B)	mg/l	0.5	2.4	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
22	Zinc (as Zn)	mg/l	5	15	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
23	Selenium (as Se)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
24	Silver (as Ag)	mg/l	0.1	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
25	Molybdenum (as Mo)	mg/l	0.07	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
26	Arsenic (as As)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
27	Cadmium (as Cd)	mg/l	0.003	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
28	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
29	Cyanide (as CN-)	mg/l	0.05	No Relaxation	<0.01	IS 3025 (Part-27/Sec-1): 2021
30	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
31	Mercury (as Hg)	mg/l	0.001	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
32	Nickel (as Ni)	mg/l	0.02	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
33	Sulphide (as H ₂ S)	mg/l	0.05	No Relaxation	<0.01	IS 3025 (Part-29): 2022
34	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	<0.001	IS 3025 (Part-43/Sec-1): 2022
35	Anionic Detergent (as MBAS)	mg/l	0.2	1.0	<0.01	IS 3025 (Part-68): 2019, RA 2023
36	Electrical Conductivity	μS/cm	---	---	212.0	IS 3025 (Part-14): 2013, RA 2023

****End of Report****


Reviewed By



Rahul Singh Narwaria
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

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Test Report

Report Code: DW20250920-00000001

Issue Date: 20.09.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar, Uttar Pradesh-203135

Sample Description: Drinking Water

Sample Received On : 17.09.2025

Analysis Duration : 17.09.2025 to 20.09.2025

TEST RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	: 16.09.2025
Sampling Location	: Labour Colony (Project Site)
Sample Collected by	: Mr. Maan Singh
Sampling Method	: IS 17614 (Part-25): 2022
Environmental Conditions	: Clear Sky
Sample Quantity	: 0.5 Litter
Sample Packing & Marking	: Sterile Glass Bottle & NIA/SEPT/DW-01

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S. No.	Parameters	Units	Requirements	Results	Test Method
			(IS 10500: 2012, RA 2023)		
1	Total Coliform Organism (TC)	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Not Detected)	IS 15185: 2016, RA 2021
2	<u>E. coli</u>	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Absent)	IS 15185: 2016, RA 2021

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Test Report

ULR No.: TC750125000000222F

Issue Date: 29.09.2025

Report Code: DW20250929-00000222

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar, Uttar Pradesh-203135

Sample Received On : 17.09.2025
Analysis Duration : 17.09.2025 to 27.09.2025

Sample Description: Drinking Water

TEST RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling : 16.09.2025
Sampling Location : Near PTB (Project Site)
Sample Collected by : Mr. Maan Singh
Sampling Method : IS 17614 (Part-21): 2021
Environmental Conditions : Clear Sky
Sample Quantity : 5 Litter
Sample Packing & Marking : Plastic Bottle & NIA/SEPT/DW-02



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S. No.	Parameters	Units	Specific Requirements		Results	Test Method
			as per IS 10500:2012, RA 2023	Acceptable Limit		
1	Colour	Hazen/CU	5	15	<5.0	IS 3025 (Part-4): 2021
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5): 2018
3	Turbidity	NTU	1	5.0	<1.0	IS 3025 (Part-10): 2023
4	pH Value @ 25°C	-	6.5- 8.5	No Relaxation	6.85	IS 3025 (Part-11): 2022
5	Total Dissolved Solids (TDS)	mg/l	500	2000	123.0	IS 3025 (Part-16): 2023
6	Total Hardness (as CaCO ₃)	mg/l	200	600	35.6	IS 3025 (Part-21): 2009, RA 2023
7	Total Alkalinity (as CaCO ₃)	mg/l	200	600	64.0	IS 3025 (Part-23): 2023
8	Chlorides (as Cl ⁻)	mg/l	250	1000	20.0	IS 3025 (Part-32): 1988, RA 2019
9	Fluoride (as F ⁻)	mg/l	1	1.5	0.32	APHA 24 th Ed., 4500F-D: 2023
10	Calcium (as Ca ²⁺)	mg/l	75	200	8.5	IS 3025 (Part-40): 2024
11	Magnesium (as Mg ²⁺)	mg/l	30	100	3.4	APHA 24 th Ed., 3500Mg-B: 2023
12	Sulphate (as SO ₄)	mg/l	200	400	12.6	IS 3025 (Part-24/Sec-1): 2022
13	Nitrate (as NO ₃)	mg/l	45	No Relaxation	0.15	IS 3025 (Part-34/Sec-1): 2023
14	Ammonical Nitrogen (as NH ₃ -N)	mg/l	0.5	No Relaxation	<0.1	IS 3025 (Part-34/Sec-1): 2023
15	Free Residual Chlorine (as Cl ₂)	mg/l	0.2	1.0	<0.1	IS 3025 (Part-26): 2021
16	Iron (as Fe)	mg/l	1.0	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
17	Aluminum (as Al)	mg/l	0.03	0.2	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
18	Barium (as Ba)	mg/l	0.7	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
19	Copper (as Cu)	mg/l	0.05	1.5	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
20	Manganese (as Mn)	mg/l	0.1	0.3	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)


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Doc. No.: GRC-LAB/QF-039

Revision No.: 01

Revision Date: 01.09.2025

Issue No.: 02

Issue Date: 03.09.2025



Test Report

ULR No.: TC75012500000222F

Issue Date: 29.09.2025

21	Boron (as B)	mg/l	0.5	2.4	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
22	Zinc (as Zn)	mg/l	5	15	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
23	Selenium (as Se)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
24	Silver (as Ag)	mg/l	0.1	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
25	Molybdenum (as Mo)	mg/l	0.07	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
26	Arsenic (as As)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
27	Cadmium (as Cd)	mg/l	0.003	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
28	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
29	Cyanide (as CN-)	mg/l	0.05	No Relaxation	<0.01	IS 3025 (Part-27/Sec-1): 2021
30	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
31	Mercury (as Hg)	mg/l	0.001	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
32	Nickel (as Ni)	mg/l	0.02	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
33	Sulphide (as H ₂ S)	mg/l	0.05	No Relaxation	<0.01	IS 3025 (Part-29): 2022
34	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	<0.001	IS 3025 (Part-43/Sec-1): 2022
35	Anionic Detergent (as MBAS)	mg/l	0.2	1.0	<0.01	IS 3025 (Part-68): 2019, RA 2023
36	Electrical Conductivity	μS/cm	---	---	174.0	IS 3025 (Part-14): 2013, RA 2023

****End of Report****


Reviewed By



Rahul Singh Narwaria
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

Note:

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 F-375, Sector-63, Noida, Gautam Budh Nagar, U.P. - 201301
 Phone No.: 0120 - 4044630; E-mail : lab@grc-india.com; info@grc-india.com; Website: <https://www.grc-india.com>

Test Report

Report Code: DW20250920-00000002

Issue Date: 20.09.2025

Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jawar, Uttar Pradesh-203135

Sample Received On : 17.09.2025
Analysis Duration : 17.09.2025 to 20.09.2025

Sample Description: Drinking Water

TEST RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	: 16.09.2025
Sampling Location	: Near PTB (Project Site)
Sample Collected by	: Mr. Maan Singh
Sampling Method	: IS 17614 (Part-25): 2022
Environmental Conditions	: Clear Sky
Sample Quantity	: 0.5 Litter
Sample Packing & Marking	: Sterile Glass Bottle & NIA/SEPT/DW-02

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S. No.	Parameters	Units	Requirements	Results	Test Method
			(IS 10500: 2012, RA 2023)		
1	Total Coliform Organism (TC)	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Not Detected)	IS 15185: 2016, RA 2021
2	<u>E. coli</u>	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Absent)	IS 15185: 2016, RA 2021

****End of Report****


Reviewed By



Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signatory
(Seal & Signature)

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Phone No.: 0120 - 4044630; E-mail : lab@grc-india.com; info@grc-india.com; Website: <https://www.grc-india.com>

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Test Report

ULR No.: TC750125000000223F

Issue Date: 29.09.2025

Report Code: DW20250929-00000223

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar, Uttar Pradesh-203135

Sample Received On : 17.09.2025
Analysis Duration : 17.09.2025 to 27.09.2025

Sample Description: Drinking Water

TEST RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling : 16.09.2025
Sampling Location : Office Building Worker(OBW)
Sample Collected by : Mr. Maan Singh
Sampling Method : IS 17614 (Part-21): 2021
Environmental Conditions : Clear Sky
Sample Quantity : 5 Litter
Sample Packing & Marking : Plastic Bottle & NIA/SEPT/DW-03



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S. No.	Parameters	Units	Specific Requirements		Results	Test Method		
			as per IS 10500:2012, RA 2023					
			Acceptable Limit	Permissible Limit				
1	Colour	Hazen/CU	5	15	<5.0	IS 3025 (Part-4): 2021		
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5): 2018		
3	Turbidity	NTU	1	5.0	<1.0	IS 3025 (Part-10): 2023		
4	pH Value @ 25°C	-	6.5- 8.5	No Relaxation	7.67	IS 3025 (Part-11): 2022		
5	Total Dissolved Solids (TDS)	mg/l	500	2000	149.0	IS 3025 (Part-16): 2023		
6	Total Hardness (as CaCO ₃)	mg/l	200	600	51.5	IS 3025 (Part-21): 2009, RA 2023		
7	Total Alkalinity (as CaCO ₃)	mg/l	200	600	88.0	IS 3025 (Part-23): 2023		
8	Chlorides (as Cl ⁻)	mg/l	250	1000	12.0	IS 3025 (Part-32): 1988, RA 2019		
9	Fluoride (as F ⁻)	mg/l	1	1.5	0.39	APHA 24 th Ed., 4500F-D: 2023		
10	Calcium (as Ca ²⁺)	mg/l	75	200	12.4	IS 3025 (Part-40): 2024		
11	Magnesium (as Mg ²⁺)	mg/l	30	100	4.9	APHA 24 th Ed., 3500Mg-B: 2023		
12	Sulphate (as SO ₄)	mg/l	200	400	18.7	IS 3025 (Part-24/Sec-1): 2022		
13	Nitrate (as NO ₃)	mg/l	45	No Relaxation	0.2	IS 3025 (Part-34/Sec-1): 2023		
14	Ammonical Nitrogen (as NH ₃ -N)	mg/l	0.5	No Relaxation	<0.1	IS 3025 (Part-34/Sec-1): 2023		
15	Free Residual Chlorine (as Cl ₂)	mg/l	0.2	1.0	<0.1	IS 3025 (Part-26): 2021		
16	Iron (as Fe)	mg/l	1.0	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)		
17	Aluminum (as Al)	mg/l	0.03	0.2	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)		
18	Barium (as Ba)	mg/l	0.7	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)		
19	Copper (as Cu)	mg/l	0.05	1.5	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)		
20	Manganese (as Mn)	mg/l	0.1	0.3	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)		


Reviewed By
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Doc. No.: GRC-LAB/QF-039

Revision No.: 01

Revision Date: 01.09.2025

Issue No.: 02

Issue Date: 03.09.2025



Rahul Singh Narwala
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

Test Report

ULR No.: TC75012500000223F

Issue Date: 29.09.2025

21	Boron (as B)	mg/l	0.5	2.4	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
22	Zinc (as Zn)	mg/l	5	15	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
23	Selenium (as Se)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
24	Silver (as Ag)	mg/l	0.1	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
25	Molybdenum (as Mo)	mg/l	0.07	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
26	Arsenic (as As)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
27	Cadmium (as Cd)	mg/l	0.003	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
28	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
29	Cyanide (as CN-)	mg/l	0.05	No Relaxation	<0.01	IS 3025 (Part-27/Sec-1): 2021
30	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
31	Mercury (as Hg)	mg/l	0.001	No Relaxation	<0.001	APHA 24 th Ed., 3120-B: 2023 (ICP-OES VGA)
32	Nickel (as Ni)	mg/l	0.02	No Relaxation	<0.01	APHA 24 th Ed., 3120-B: 2023 (ICP-OES)
33	Sulphide (as H ₂ S)	mg/l	0.05	No Relaxation	<0.01	IS 3025 (Part-29): 2022
34	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	<0.001	IS 3025 (Part-43/Sec-1): 2022
35	Anionic Detergent (as MBAS)	mg/l	0.2	1.0	<0.01	IS 3025 (Part-68): 2019, RA 2023
36	Electrical Conductivity	μS/cm	---	---	217.0	IS 3025 (Part-14): 2013, RA 2023

****End of Report****


Reviewed By



Rahul Singh Narwaria
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

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Test Report

Report Code: DW20250920-00000003

Issue Date: 20.09.2025

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jawar, Uttar Pradesh-203135

Sample Description: Drinking Water

Sample Received On : 17.09.2025
Analysis Duration : 17.09.2025 to 20.09.2025

TEST RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	: 16.09.2025
Sampling Location	: Office Building Worker(OBW)
Sample Collected by	: Mr. Maan Singh
Sampling Method	: IS 17614 (Part-25): 2022
Environmental Conditions	: Clear Sky
Sample Quantity	: 0.5 Litter
Sample Packing & Marking	: Sterile Glass Bottle & NIA/SEPT/DW-03

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S. No.	Parameters	Units	Requirements	Results	Test Method
			(IS 10500: 2012, RA 2023)		
1	Total Coliform Organism (TC)	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Not Detected)	IS 15185: 2016, RA 2021
2	<u>E. coli</u>	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Absent)	IS 15185: 2016, RA 2021

****End of Report****


Reviewed By



Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signatory
(Seal & Signature)

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Test Report**ULR No.: TC75012500000224F****Issue Date: 29.09.2025****Report Code: WW20250929-00000224**

Issued To: M/s. Yamuna International Airport Private Limited,
Administrative Office, Noida International Airport,
Kishorepur, Gautam Buddha Nagar, Jewar, Uttar Pradesh-203135

Sample Received On : 17.09.2025
Analysis Duration : 17.09.2025 to 27.09.2025

Sample Description: Waste Water-ETP Outlet

TEST RESULTS
(Waste Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling : 16.09.2025
Sampling Location : ETP- Project Site
Sample Collected by : Mr. Maan Singh
Sampling Method : IS 17614 (Part-10): 2021
Environmental Conditions : Clear Sky
Sample Quantity : 5 Litter
Sample Packing & Marking : Plastic Bottle & NIA/SEPT/WW-01

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S. No.	Parameters	Units	Permissible Limit	Results	Test Method
			EPR-1986 Schedule-VI, Part-A		
1	Color	CU	-	40	IS 3025 (Part-04): 2021
2	pH @ 25°C	-	5.5-9.0	7.69	IS 3025 (Part-11): 2022
3	Total Suspended Solids (TSS)	mg/l	100	40	IS 3025 (Part-17): 2022
4	Biochemical Oxygen Demand (BOD) for 3 Days at 27°C	mg/l	30	27.0	IS 3025 (Part-44): 2023
5	Chemical Oxygen Demand (COD)	mg/l	250	78.0	IS 3025 (Part-58): 2023
6	Oil & Grease	mg/l	10	<4.0	IS 3025 (Part-39): 2021
7	Total Dissolved Solids (TDS)	mg/l	2100	2015.0	IS 3025 (Part-16): 2023

****End of Report****

Reviewed By


Rahul Singh Narwaria
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

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Test Report**ULR No.:TC750125000000225F****Issue Date: 20.09.2025****Report Code: WW20250920-00000225**

Issued To: M/s. Yamuna International Airport Private Limited,
 Administrative Office, Noida International Airport,
 Kishorepur, Gautam Buddha Nagar, Jawar, Uttar Pradesh-203135

Sample Received On : 17.09.2025
Analysis Duration : 17.09.2025 to 20.09.2025

Sample Description: Waste Water-ETP Outlet**TEST RESULTS****(Water Quality Analysis)****SAMPLING DETAILS**

Date of Sampling	: 16.09.2025
Sampling Location	: ETP-Project Site
Sample Collected by	: Mr. Maan Singh
Sampling Method	: IS 17614 (Part-25): 2022
Environmental Conditions	: Clear Sky
Sample Quantity	: 0.5 Litter
Sample Packing & Marking	: Sterile Glass Bottle & NIA/SEPT/WW-01

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S. No.	Parameters	Units	Results	Test Method
1	Total Coliform Organism (TC)	MPN/100ml	1600	APHA 24 th Edition 9221-B: 2023
2	Fecal Coliform Organism (FC)	MPN/100ml	1600	APHA 24 th Edition 9221-E: 2023

****End of Report******Reviewed By****Note:**

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Doc. No.: GRC-LAB/QF-039

Revision No.: 01

Revision Date: 01.09.2025

Issue No.: 02

Issue Date: 03.09.2025

**Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signatory
(Seal & Signature)**



ANNEXURE-02

(MoEF&CC Recognition)

Application Submitted for Renewal of recognition-GRC India
Training & Analytical Laboratory, F-375, Sector-63, Noida to CPCB.



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Lifestyle For
Environment



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार
MINISTRY OF ENVIRONMENT FOREST & CLIMATE CHANGE GOVT OF INDIA

फा. स. एलबी-2021/7/99/इंस्टलैब-एचओ-सीपीसीबी-एचओ /प्राइवेट / ५५५

12 जून 2025

मान्यता पत्र

सेवा में,

प्रयोगशाला प्रमुख,
मैसर्स जीआरसी इंडिया ट्रेनिंग एवं एनालिटिकल लैबोरेटरी,
एफ-375, सेक्टर-63,
नोएडा-201301, उत्तर प्रदेश।

विषय: पर्यावरण (संरक्षण) अधिनियम, 1986 के अंतर्गत पर्यावरणीय प्रयोगशाला के रूप में मैसर्स जीआरसी इंडिया ट्रेनिंग एवं एनालिटिकल लैबोरेटरी, एफ-375, सेक्टर-63, नोएडा-201301, उत्तर प्रदेश की मान्यता के बारे में।

महोदय,

केन्द्रीय प्रदूषण नियंत्रण बोर्ड (के.प्र.नि.बोर्ड) को पर्यावरण (संरक्षण) अधिनियम, 1986 के अंतर्गत पर्यावरणीय प्रयोगशाला के रूप में मैसर्स जीआरसी इंडिया ट्रेनिंग एवं एनालिटिकल लैबोरेटरी, एफ-375, सेक्टर-63, नोएडा-201301, उत्तर प्रदेश को भारत की राजपत्र अधिसूचना में प्रयोगशाला की अनिवार्य प्रत्यायन/प्रमाणन की वर्तमान अपेक्षा को ध्यान में रखते हुए दिनांक 30/05/2028 (तीन साल) तक आईएसओ/ आईईसी 17025 और आईएस/आईएसओ 45001 की वैधता के साथ अधिसूचित किया जाएगा।

2. निम्नलिखित विश्लेषकों को सरकारी विश्लेषक के रूप में अनुमोदित किया गया है:

1. डॉ धीरज कुमार सिंह
2. श्री अजय कुमार शर्मा
3. श्री राहुल सिंह नरवरिया

3. प्रयोगशाला अनिवार्य रूप से स्वीकृत निबंधन और शर्तों का पालन करते हुए निम्नलिखित परीक्षणों करेगी:

क. **भौतिक परीक्षण:** चालकता, रंग, पीएच, स्थिर और वाष्पशील ठोस, कुल ठोस, कुल विलीन ठोस, कुल निलंबित ठोस, आविलता, तापमान, वेग एवं निर्वहन औद्योगिक बहिःसाव धारा का विसर्जन मापन, फ्लोक्यूलेशन टेस्ट (जार टेस्ट), गंध, लवणता, निपटान योग्य ठोस और आपंक वॉल्यूम इंडेक्स (एसवीआई)।

ख. **अकार्बनिक (सामान्य और गैर-धात्विक):** अम्लता, क्षारीयता, अमोनिकल नाइट्रोजन, क्लोराइड, क्लोरीन अवशिष्ट, विलीन ऑक्सीजन, फ्लोराइड, कुल कठोरता, कुल केजेल्हल नाइट्रोजन (टीकेएन), नाइट्राइट नाइट्रोजन, नाइट्रेट नाइट्रोजन, फॉस्फेट, सल्फेट, क्लोरीन डिमांड, साइनाइड, सिलिका, सल्फाइड और सल्फाइट।

ग. **अकार्बनिक (सूक्ष्म मात्रिक धातु):** बोरोन, कैडमियम, कैल्शियम, टोटल क्रोमियम, क्रोमियम हेक्सावलेंट, तांबा, लोहा, सीसा, मैग्नीशियम, पारा, निकल, पोटेशियम, सोडियम, सोडियम अवशोषण अनुपात (एसएआर), जिंक, आर्सेनिक, एल्युमीनियम, एंटीमनी, बेरियम, बेरिलियम, कोबाल्ट, लिथियम, मैग्नीज, सेलेनियम, सिल्वर, स्टॉटियम, टिन और वैनेडियम।

घ. **ऑर्गेनिक्स (सामान्य) और ट्रेस ऑर्गेनिक्स:** बायोकेमिकल ऑक्सीजन डिमांड (बीओडी), रासायनिक ऑक्सीजन डिमांड (सीओडी), तेल और ग्रीस, फेनोलिक यौगिक, कीटनाशक (प्रत्येक) (ऑर्गेनो-क्लोरीन और ऑर्गेनो नाइट्रोजन-फॉस्फोरस), कार्बन/नाइट्रोजन अनुपात, ऑर्गेनिक कार्बन (ठोस में), पॉली-क्लोरिनेटेड बाइफिनाइल (पीसीबी) (प्रत्येक), पॉलीन्यूक्लियर एरोमैटिक हाइड्रोकार्बन (पीएच), सर्फेक्टेंट, टैनिन & लिग्निन और टोटल ऑर्गेनिक कार्बन (टीओसी)।

ङ. **सूक्ष्म जीवविज्ञान परीक्षण:** टोटल कोलीफॉर्म, फीकल कोलीफॉर्म, ई. कोली, फीकल स्ट्रैपोकोक्की, टोटल प्लेट काउंट और एंटरोकोकस।

च. **आविष विज्ञानी परीक्षण:** मछली का उपयोग करके विषाक्तता के मूल्यांकन के लिए जैव परख विधि (100% प्रवाह में 96 घंटे के बाद मछली का 90% जीवित रहना) और ज़ेबरा मछली (आयाम रहित विषाक्तता परीक्षण) का उपयोग करके, विषाक्तता कारूक का मापन।

परिवेश भवन' पर्वा अजून नगर, दिल्ली-110032

जारी।

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाईट/Website : www.cpcb.nic.in

७. **जैविक परीक्षण:** जैविक जीव की पहचान और गणना, मैक्रोफाइटिक पहचान, प्लवक पहचान गणना और क्लोरोफिल।

८. **परिसंकटमय अपशिष्ट का लक्षण वर्णन:** निक्षालक (टीसीएलपी अर्क/जल अर्क) तैयार करना, विषाक्तता और अपशिष्ट & निक्षालक में भारी धातुओं/पीड़कनाशियों का मापन।

९. **मृदा/आपंक/तलछट और ठोस अपशिष्ट:** बोरॉन, कटियन एक्सचेंज क्षमता (सीईसी), विद्युत चालकता, नाइट्रोजन (उपलब्ध), कार्बनिक कार्बन/पदार्थ (रासायनिक विधि), पीएच, फास्फोरस (उपलब्ध), फॉस्फेट (ऑर्थो), फॉस्फेट (कुल), पोटेशियम, मृदा के अर्क में एसएआर, सोडियम, मृदा की नमी, टीकेएन, कैलोरी मान, अमोनिया, बाइकार्बोनेट, कैल्शियम, कैल्शियम कार्बोनेट, क्लोराइड, रंग, विनिमेय सोडियम प्रतिशत (ईएसपी), भारी धातु, मैग्नीशियम, यांत्रिक मृदा विश्लेषण, नाइट्रेट, नाइट्राइट, पीएच, कीटनाशक, पोटाश (उपलब्ध), सल्फर, कुल कार्बनिक कार्बन (टीओसी), कुल पानी में घुलनशील नमक और जल धारण क्षमता।

१०. **परिवेशी वायु/प्रायक उत्सर्जन:** नाइट्रोजन डाइऑक्साइड (एनओ₂), सल्फर डाइऑक्साइड (एसओ₂), कुल निलंबित विविक्त कण, श्वसन योग्य निलंबित कण पदार्थ (पीएम₁₀), अमोनिया, कार्बन मोनोऑक्साइड, क्लोरीन, फ्लोराइड, गैर मीथेन हाइड्रोकार्बन, सीसा, मीथेन, ओजोन, बैंजीन टोल्यूनि ज़ाइलीन (बीटीएक्स), पॉलीसाइक्लिक एरोमैटिक हाइड्रोकार्बन (पीएच) बैंजो-ए-पाइरिन और अन्य और पीएम_{2.5}।

११. **चिमनी गैसें/स्रोत उत्सर्जन:** पार्टिकुलेट मैटर, सल्फर डाइऑक्साइड, वेग और प्रवाह, कार्बन डाइऑक्साइड, कार्बन मोनोऑक्साइड, तापमान, ऑक्सीजन, नाइट्रोजन के ऑक्साइड, एसिड धुंध, अमोनिया, क्लोरीन, फ्लोराइड (पार्टिकुलेट), फ्लोराइड (गैसीय), हाइड्रोक्लोरिक एसिड, कुल हाइड्रोकार्बन, हाइड्रोजन सल्फाइड और कार्बन डाइसल्फाइड।

१२. **रव (शोर) स्तर:** शोर स्तर माप (20 से 140 डीबीए) और परिवेश रव & स्रोत विशिष्ट रव।

१३. **मौसम संबंधी:** परिवेश का तापमान, हवा की दिशा, हवा की गति, सापेक्ष आर्द्रता, सौर विकिरण और वर्षा।

१४. प्रयोगशाला और विश्लेषकों की क्षमता का पता लगाने के लिए प्रयोगशाला को के.प्र.नि.बोर्ड द्वारा आयोजित विश्लेषणात्मक गुणवत्ता नियंत्रण एक्यूसी (अभ्यास में अनिवार्य रूप से भाग ले ना होगा। प्रयोगशाला किए गए नमूना विश्लेषण पर के.प्र.नि.बोर्ड को तिमाही प्रगति रिपोर्ट प्रस्तुत करेगी।

१५. अधिसूचना के अनुसार, एक संयुक्त दल द्वारा मान्यता प्राप्त पर्यावरण प्रयोगशाला का औचक निरीक्षण/आवधिक निगरानी उस के उचित कामकाज, व्यवस्थित प्रचालन और प्रयोगशाला में तैयार किए गए आंकड़ों की विश्वसनीयता का निर्धारण करने के लिए की जाएगी।

१६. प्रयोगशाला के पास नियमानुसार ISO/IEC: 17025(2017) और IS/ ISO: 45001 का अपेक्षित प्रत्यायन और प्रमाण पत्र होना चाहिए। यह मान्यता यथा लागू प्रत्यायन और नवीनीकरण के अधीन है और किसी भी निबंधन और शर्तों के गंभीर गैर-अनुपालन के मामले में, प्रयोगशाला को न्यूनतम दो साल की अवधि के लिए ब्लैकलिस्ट किया जा सकता है और सरकार की ओर से अनधिकृत तरीके से कार्य करने के लिए, यथा लागू सिविल/आपराधिक कार्यवाही शुरू की जा सकती है।

१७. मैसर्स जीआरसी इंडिया ट्रेनिंग एवं एनालिटिकल लैबोरेटरी, नोएडा, उत्तर प्रदेश को संबंधित अनिवार्य प्रत्यायन/प्रमाणीकरण के साथ मान्यता की समाप्ति से पूर्व केंद्रीय प्रदूषण नियंत्रण बोर्ड के वेबपोर्टल (<https://cpcbepalab.in/epalab>) का उपयोग कर के ऑनलाइन मान्यता के नवीनीकरण के लिए आवेदन करना अपेक्षित है।

भवदीय,
३१/११६/२०१५
प्रभागप्रमुख
उपकरणीय प्रयोगशाला

F. No. LB/99/7/2021-INST LAB-HO-CPCB-HO/Pvt./SSS

Recognition Letter

To,

The Head of Laboratory,
M/s GRC India Training & Analytical Laboratory,
F-375, Sector-63,
Noida-201301, Uttar Pradesh.

Subject: Recognition of M/sGRC India Training & Analytical Laboratory, F-375, Sector-63, Noida-201301, Uttar Pradesh as Environmental laboratory under the Environmental (Protection) Act- 1986- reg.

Sir,

With reference to your application dated 29/04/2025 along with acceptance of the terms & conditions of the guidelines for recognition of environmental laboratories under the Environmental (Protection) Act, 1986, submitted to Central Pollution Control Board (CPCB), the Competent Authority of CPCB has accorded approval for recognition of Environmental laboratory and Govt. Analysts. Subsequently, **M/s GRC India Training & Analytical Laboratory, F-375, Sector-63, Noida-201301, Uttar Pradesh** shall be notified considering the current requirement of mandatory accreditation / certifications of the laboratory with a validity up to 30/05/2028 (for three years), subject to validity of ISO/IEC 17025 and IS/ISO 45001.

2. The following analysts have been approved as Government Analysts:
 1. Dr. Dhiraj Kumar Singh
 2. Sh. Ajay Kumar Sharma
 3. Sh. Rahul Singh Narwaria
3. The laboratory should compulsorily follow the accepted terms and conditions and may undertake the following tests:
 - a) **Physical Tests:** Conductivity, Colour, pH, Fixed & Volatile Solids, Total Solids, Total Dissolved Solids, Total Suspended Solids, Turbidity, Temperature, Velocity & Discharge Measurement of Industrial Effluent Stream, Flocculation Test (Jar Test), Odour, Salinity, Settleable Solids and Sludge Volume Index (SVI).
 - b) **Inorganic (General and Non-metallic):** Acidity, Alkalinity, Ammonical Nitrogen, Chloride, Chlorine Residual, Dissolved Oxygen, Fluoride, Total Hardness, Total Kjeldahl Nitrogen (TKN), Nitrite Nitrogen, Nitrate Nitrogen, Phosphate, Sulphate, Chlorine Demand, Cyanide, Silica, Sulphide and Sulphite.
 - c) **Inorganic (Trace Metals):** Boron, Cadmium, Calcium, Total Chromium, Chromium Hexavalent, Copper, Iron, Lead, Magnesium, Mercury, Nickel, Potassium, Sodium, Sodium Absorption Ratio (SAR), Zinc, Arsenic, Aluminium, Antimony, Barium, Beryllium, Cobalt, Lithium, Manganese, Selenium, Silver, Strontium, Tin and Vanadium.
 - d) **Organics (General) and Trace Organics:** Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Oil and Grease, Phenolic Compounds, Pesticides (each) (Organic-Chlorine and Organic Nitrogen-Phosphorus), Carbon/Nitrogen Ratio, Organic Carbon (in Solid), Poly-Chlorinated Biphenyl (PCB's) each, Polynuclear Aromatic Hydrocarbon (PAH), Surfactants, Tannin & Lignin and Total Organic Carbon (TOC).
 - e) **Microbiological Test:** Total Coliform, Faecal Coliform, *E. coli*, Faecal Streptococci, Total Plate Count and Enterococcus.
 - f) **Toxicological Tests:** Bioassay Method for Evaluation of Toxicity Using Fish (90% survival of fish after 96 hrs in 100% effluent) and Measurement of toxicity factor using Zebra fish (dimensionless toxicity test).

contd.

Min/21



Biological Test: Benthic Organism Identification and Count, Macrophytic Identification, Planktonic Identification Count and Chlorophyll.

Characterization of Hazardous Waste: Preparation of Leachate (TCLP Extract/Water Extract), Toxicity and Measurement of Heavy Metals/Pesticides in the Waste/Leachate.

Soil/Sludge/Sediment and Solid Waste: Boron, Cation Exchange Capacity (CEC), Electrical Conductivity, Nitrogen (Available), Organic Carbon/Matter (Chemical Method), pH, Phosphorous (Available), Phosphate (Ortho), Phosphate (Total), Potassium, SAR in Soil Extract, Sodium, Soil Moisture, TKN, Calorific Value, Ammonia, Bicarbonate, Calcium, Calcium Carbonate, Chloride, Colour, Exchangeable Sodium Percentage(ESP), Heavy Metal, Magnesium, Mechanical Soil Analysis, Nitrate, Nitrite, PAH, Pesticide, Potash(Available), Sulphur, Total Organic Carbon (TOC), Total Water Soluble Saltand Water Holding Capacity.

Ambient Air/ Fugitive Emissions: Nitrogen Dioxide (NO₂), Sulphur Dioxide (SO₂), Total Suspended Particulate Matter, Respirable Suspended Particulate Matter (PM₁₀), Ammonia, Carbon monoxide, Chlorine, Fluoride, Non Methane Hydrocarbon, Lead, Methane, Ozone, Benzene Toluene Xylene (BTX), Polycyclic Aromatic Hydrocarbon (PAH) Benzo-a-Pyrine& others and PM_{2.5}.

Stack Gases/ Source Emission: Particulate Matter, Sulphur Dioxide, Velocity & Flow, Carbon Dioxide, Carbon Monoxide, Temperature, Oxygen, Oxides of Nitrogen, Acid Mist, Ammonia, Chlorine, Fluoride(Particulate), Fluoride(Gaseous), Hydrochloric Acid, Total Hydrocarbon, Hydrogen Sulphide and Carbon Disulphide.

Noise Level: Noise level measurement (20 to 140 dba) and Ambient Noise & Source Specific Noise.

Meteorological: Ambient Temperature, Wind Direction, Wind Speed, Relative Humidity, Solar Radiation and Rain Fall.

4. The laboratory shall compulsorily participate in the Analytical Quality Control (AQC) Exercise conducted by the CPCB to ascertain the capability of the laboratory and analysts. The lab shall submit quarterly progress report on the sample analysis carried out to CPCB.

5. The surprise inspection / periodic surveillance of the recognized environment laboratory will be undertaken to assess its proper functioning systematic operation and reliability of data generated at the laboratory by a Joint Team as per the Notification.

6. The laboratory should have the mandatory requisite accreditation and certificate of the ISO: 17025 and ISO: 45001 as per rules. This recognition is subject to such accreditations and renewals as applicable and in case of serious non-compliance of any of the terms and conditions, the laboratory may be black listed for a minimum period of two years and civil/criminal proceedings, as applicable, may be initiated for performing functions on behalf of the Government in an unauthorized manner.

7. **M/sGRC India Training & Analytical Laboratory, Noida, Uttar Pradesh** is required to apply for further renewal of recognition through online using CPCB web portal (<https://cpcbepalab.in/epalab>) before expiry of recognition with mandatory accreditation / certification concerned.

Yours faithfully,

Divisional Head

Instrumentation Laboratory

ANNEXURE-03

(ISO Certification)



KVQA

Certificate of Registration

(Occupational Health & Safety Management System)

KVQA CERTIFICATION SERVICES PVT. LTD.

This is to certify that the Occupational Health & Safety Management System of

**GRC INDIA TRAINING & ANALYTICAL
LABORATORY**

F-375, Sector-63, Noida-201301, India.

Has been found to be of the Occupational Health & Safety Management System Standard

ISO 45001:2018 (OH&S)

This certificate is valid for the following product or service range

Provide Quality Testing and Monitoring Services in Chemical & Biological Domain for Ambient Air Quality, Noise Monitoring, Source Emission/Stack Monitoring, Water & Waste Water Quality, Hazardous Waste & Soil Testing.

Certificate No: KDACO202301009

1st Surveillance Done On: 19/02/2024

2nd Surveillance Due On: 16/12/2024: Done On:

Date Of Issue: 16, January, 2023

Valid Until: 15, January, 2026*

Issued by
Authorised signatory KVQA



elaci
Emirates International Accreditation Centre
CB-OHSMS-045

To Check the Status of the Certification kindly log on to www.kvqa.in
F-300, Sector - 63, Noida U.P. India. Ph- 011 -22711940, 22711941

Email : delhi@kvqaindia.com

*Subject to successful completion of surveillance audits



KVQA

Certificate of Registration

(Environment Management System)

KVQA CERTIFICATION SERVICES PVT. LTD.

This is to certify that the Environment Management System of

**GRC INDIA TRAINING & ANALYTICAL
LABORATORY**

F-375, Sector-63, Noida-201301, India.

Has been found to the Environment Management System Standard

ISO 14001:2015

This certificate is valid for the following product or service range

**Provide Quality Testing and Monitoring Services in Chemical
& Biological Domain for Ambient Air Quality, Noise Monitoring,
Source Emission/Stack Monitoring, Water & Waste Water Quality,
Hazardous Waste & Soil Testing.**

Certificate No: KDACE202301013

Date Of Issue: 16, January, 2023

Valid Until: 15, January, 2026*

Issued by

Authorised signatory KVQA



eiaci
Emirates International Accreditation Centre
CB-EMS-045

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F-300, Sector - 63, Noida U.P. India. Ph- 011 -22711940, 22711941

Email : delhi@kvqaindia.com

*Subject to successful completion of surveillance audits



Certificate of Registration

(Quality Management System)

KVQA CERTIFICATION SERVICES PVT. LTD.

This is to certify that the Quality Management System of

GRC INDIA TRAINING & ANALYTICAL LABORATORY

F-375, Sector-63, Noida-201301, India.

Has been found to be of the Quality Management System Standard

ISO 9001:2015

This certificate is valid for the following product or service range

Provide Quality Testing and Monitoring Services in Chemical & Biological Domain for Ambient Air Quality, Noise Monitoring, Source Emission/Stack Monitoring, Water & Waste Water Quality, Hazardous Waste & Soil Testing.

Certificate No: KDACQ202301076

Date Of Issue: 16, January, 2023

Valid Until: 15, January, 2026*

Issued by

Authorised signatory KVQA



To Check the Status of the Certification kindly log on to www.kvqa.in
F-300, Sector - 63, Noida U.P. India. Ph- 011 -22711940, 22711941

Email : delhi@kvqaindia.com

*Subject to successful completion of surveillance audits