



Government of the Co-operative Republic of Guyana
Environmental Protection Agency



May 07, 2024

Reference No.: 20141104 – MPRMO

Mr Mohindra Persaud
General Manager
Nand Persaud & Company Limited
Karibee Rice Milling Complex and
Fertilizer Storage Bond
No. 36 Village, Corentyne, Berbice.

ENVIRONMENTAL PROTECTION AGENCY
Ganges Street Sophia, Georgetown Guyana
17/05/2024

Dear Mr Persaud,

Environmental Permit (Renewed) for Operation of a Rice Mill & Fertilizer Storage Bond

The Environmental Protection Agency (EPA) has prepared an Environmental Permit (Renewed) for Nand Persaud & Company Limited, Karibee Rice Milling Complex, and Fertilizer Storage Bond located at No. 36 Village, Corentyne, Berbice.

Please sign the Environmental Permit (Renewed) to indicate your acceptance of its terms and conditions and agreement to comply with the statutory requirements of the Environmental Protection Act, Cap. 20:05, Laws of Guyana and its regulations. Please see the attached document to assist with achieving compliance with the Environmental Permit (Renewed).

The cost of the Permit is **USD 4,000 for five (5) years, ie., USD 800 per year. You are required to pay this fee or its equivalent in Guyana dollars using the Bank of Guyana daily exchange rate. Payments should be made to the Environmental Protection Agency in Cash, Manager's, or Personal Cheque in Guyana dollars. Please note Personal Cheques in United States Dollars will NOT be accepted.**

Should you have any questions or need clarification, kindly contact **Mr. Rayner Mc Andrew, Senior Environmental Officer I**, EPA's Whim Office on telephone number 337-2201/2207 or email epawhim@epaguyana.org.

Yours sincerely,


.....
Kemraj Parsram
Executive Director
Executive Director

ENVIRONMENTAL PROTECTION AGENCY
Database Updated

Alvin 2024-05-31

Cc: Ms. Marsha Hohenkirk – Quality Control Manager, Guyana Rice Development Board
LBI Compound East Coast Demerara.

Ganges St., Sophia, Georgetown, GUYANA.

Tel: (592) 225-5467/5471-5472/6044/6048 | Fax: 225-5481



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www.epaguyana.org



Environmental Protection Agency - Guyana

"The Environment is Everybody's Business"



**Environmental
Protection
Agency**

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Environmental Permit (Renewed)

Issued under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and Environmental Protection (Authorisations) Regulations, 2000.

Reference No.:	20141104 – MPRMO
Fees:	Medium (C2) - US\$ 800 per year
Fees Paid:	US\$ 4,000 (5 years): April 2024 – March 2029

Addressee(s): Mr. Mohindra Persaud
General Manager
Nand Persaud & Company Limited
Karibee Rice Milling Complex and
Fertilizer Storage Bond
No. 36 Village,
Corentyne,
Berbice.

Activity: Operation of a Rice Mill and Fertilizer Storage Bond

Nand Persaud & Company Limited., hereinafter referred to as the “Permit Holder”, is hereby authorised in accordance with the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, to operate a Rice Mill and Fertilizer Storage Bond, located at No. 36 Village, Corentyne, Berbice hereinafter referred to as the “Project”, in a manner indicated in the application for Renewal of Environmental Authorisation submitted on June 05, 2023, subject to the terms and conditions set forth herein under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, any existing or forthcoming Regulations made under the said Act, and any existing or forthcoming written law, guidelines, best practices, standards, codes of practice, and other statutory or regulatory instruments relevant to this project.

This is a Renewal of Operation Permit, Reference No.: 20141104 – MPRMO, issued in February 2018, and which expired on December 31, 2023. This Environmental Permit (Renewed) is issued pursuant to the Environmental Protection (Authorisations) Regulations, 2000.

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The Permit Holder, His Servant, Agents, and/or Sub-Contractors shall comply with the following Terms and Conditions for the Operation:

1.0 OPERATION:

- 1.1 The Permit Holder shall make an application to the Agency to vary this Permit in instances where it becomes necessary to:
- i. change the construction, operation, structure, or layout of the facility and all associated buildings;
 - ii. change equipment, machine, apparatus, mechanism, system, or technology serving the facility;
 - iii. change the position and design of any outlet at the point or points of discharge of effluents; or
 - iv. effect any other change outlined in Regulation 20(3) of the Environmental Protection (Authorisations) Regulations.
- 1.2 The Permit Holder shall implement practical measures to modernize the mill buildings and equipment that may need replacement, repairs, or renovation to be compliant with environmental management systems and food safety requirements.
- 1.3 The Permit Holder shall at all times, operate the rice mill in such a manner that will result in minimal impact on public health and safety and the environment. Nand Persaud and Company Limited Milling Complex shall implement measures outlined under **Section 6 of the ESMP dated November 2015** or Best Available Technology (BAT) other than those provided in the ESMP to satisfy good environmental practices.
- 1.4 The Permit Holder shall record, investigate, and address complaints of excessive noise, dust, and vibrations from the public promptly upon receipt. Maintain a record of all complaints received and the action taken. Records of complaint investigation shall be submitted to the Agency within twenty-four (24) hours of investigation.

2.0 EMPLOYEES OCCUPATIONAL SAFETY AND HEALTH

- 2.1 The Permit Holder shall comply with the requirements of the **Occupational Safety and Health Act, Cap. 99:01, Laws of Guyana and in keeping with the company's Health and Safety Policy Statement under Section 4.1.2 and 6.1.5 of the ESMP dated November 2015.**
- 2.2 All employees **MUST** be equipped with and trained in the use of Personal Protective Equipment (PPEs) in accordance with their job specifications.

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- 2.3 A First Aid kit, equipped in accordance with the Guyana Red Cross Standards must be located onsite at all times.
- 2.4 Communication and transportation facilities must be in place to adequately respond in cases of emergencies.
- 2.5 Employees and visitors entering the area should at all times, be well protected; ensure that employees are equipped with PPEs corresponding with their activity during operation of the Rice Mill, for example, protective headwear, respirators (e.g., N 95 filters or N 95 masks), safety vests, safety boots, goggles, etc.
- 2.6 Employees performing maintenance functions and duties shall:
 - 2.6.1 be outfitted with safety lines and harnesses when working at heights.
 - 2.6.2 successfully complete training to work in confined spaces.
 - 2.6.3 not work for prolonged periods in areas where high levels of heat are emitted.
- 2.7 The Permit Holder shall practice integrated pest control management and ensure that all pest control applications are conducted either by a Pest Control Operator (PCO) who is registered and certified by the Pesticides and Toxic Chemicals Control Board (PTCCB) or an employee of the Rice Mill who is certified by the PTCCB as a Pest Control Operative. If an employee is selected as the Pest Control Operative then the Rice Mill should be licensed to conduct the pest control activity. In the case of an employee as a Pest Control Operative, the following should be adhered to:
 - 2.7.1 Pest Control Operative shall be equipped with Personal Protective Equipment (PPE) according to the Safety Data Sheets (SDS) during the mixing and application of pesticides including the spraying and rinsing operations.
 - 2.7.2 Use only pesticides, roach, fly, ant, and rat baits that are approved for use in Guyana by the Pesticides and Toxic Chemicals Control Board. Pesticides should be mixed in accordance with the pesticide label directions.
- 2.8 The Permit Holder shall ensure that all employees/third-party contractors are aware of the conditions of this Environmental Permit (Renewed) and provide training on good environmental management practices inclusive of emergency response.

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3.0 TRAFFIC MANAGEMENT, TRANSPORTATION AND PUBLIC SAFETY

3.1 The Permit Holder shall ensure adequate traffic control devices in accordance with the **Motor Vehicle and Traffic Act Cap. 51:02, Laws of Guyana** and in accordance with the **ESMP dated November 2015**.

3.1.1. The Permit Holder shall ensure that operators adhere to a site-specific Traffic Management Plan, to ensure that suitable provisions are made to accommodate all vehicular and pedestrian traffic safely with a minimum of inconvenience as a result of the operation.

3.1.2. The Permit Holder shall ensure that access is provided to all properties adjacent to and where the operational activities intersect with the intersecting thoroughfare.

3.1.3. The Permit holder shall take measures to ensure that the trays of all trucks are covered at all times during the transportation of paddy, paddy husks, and other materials to eliminate fugitive dust emissions.

4.0 STORAGE OF FERTILIZER

4.1 The Storage Facility shall be clearly labelled, secured, and well-illuminated when not in use.

4.2 A spill containment kit shall be installed within the Storage Facility. The kit **must** contain absorbent material to absorb spilt materials.

4.3 Emergency exits **shall not** be obstructed by material storage containers.

4.4 Bulk containers holding dusty materials shall not be filled beyond capacity.

4.5 A clear line of sight shall be established before moving large packaged quantities of materials.

4.6 Materials shall be stored following the manufacturer's directions or Safety Data Sheet (SDS) instructions.

4.7 Adhere to the SDS for each material regarding incompatibility with other materials stored within the Facility.

4.8 Flammable material shall be stored away from ignition sources. **'No Smoking'** signs shall be posted where such materials are handled and stored.

4.9 Packaged material labels shall depict details inclusive of information on health

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hazards flammability, instability, and handling.

- 4.10 The Storage Facility's roof shall provide adequate rain protection and ventilation for heat and smoke in the event of fire.
- 4.11 The storage facility shall possess a natural ventilation system, for example, ventilation through the openings between the double roofing operations.
- 4.12 Incompatible materials **shall not** be stored close to each other. Establish a system for the storage of agrochemicals according to the following segregation guidelines:
- 4.12.1 Herbicides
 - 4.12.2 Weedicides
 - 4.12.3 Fungicides
 - 4.12.4 Insecticides
 - 4.12.5 Rodenticides
- 4.13 Approval for the use and management of toxic materials shall be obtained from the Pesticide and Toxic Materials Control Board. A copy of the Approval shall be submitted to the Agency upon receipt.
- 4.14 Establish and maintain a register of the quantities of materials stored onsite. The registered information shall be submitted to the Agency as part of the required **Environmental Annual Report**.

5.0 OPERATION OF MAINTENANCE WORKSHOP

- 5.1 This ancillary facility shall be operated in accordance with **Section 6 of the ESMP dated November 2015** or Best Available Technology (BAT) other than those provided in the ESMP to satisfy good environmental practices.
- 5.2 The Permit Holder shall ensure that the vehicle servicing and maintenance area shall be an impervious surface. All run-offs shall be directed to an oil-water separator and/or a silt trap before discharge into the environment.
- 5.3 The washing and maintenance area shall be sloped towards surrounding internal drain(s) which direct the flow of liquid hazardous waste(s) from the washing area to the collecting sumps and oily discharges shall be directed to an oil-water separator before final discharge.
- 5.4 The Permit Holder shall ensure that the operation and maintenance of machines, equipment, and tools used at the workshop shall be conducted in accordance with the manufacturer's specifications. Summarised maintenance records shall be maintained and submitted to the EPA upon request.

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- 5.5 The Permit Holder shall ensure that engine oil, grease, and paint used at the workshop shall be stored within secondary containment (bund area) to minimise the spread/ release of spillage from the storage area.
- 5.6 **An oil-water separator** shall be installed where oil and grease contamination is likely to be in contact with discharged water (storm events and precipitation) and an assessment conducted annually for **Oil and Grease < 10 mg/L** and submitted as a component to the company's **Environmental Annual Report**.
- 5.7 The Best Available Technology (BAT) shall be implemented to remove vapours/ fumes from the workshop during welding and/or fabrication work.
- 5.8 The Permit Holder shall ensure that welding gas cylinders shall be stored and managed according to the supplier's recommendations.

6.0 WATER QUALITY MANAGEMENT

- 6.1 The Permit Holder shall comply with the provisions of the **Environmental Protection (Water Quality) Regulations, 2000**, and in accordance with **Section 6.1.3** of the **ESMP dated November 2015**, and/or **Best Available Technology (BAT)** other than those provided in the ESMP to satisfy good environmental practices.
- 6.2 **The disposal or deposit** of solid waste (such as paddy husk, and paddy ash) into drains and/or untreated effluent directly into the surrounding waterways is **STRICTLY PROHIBITED**.
- 6.2.1 Fortify and maintain mesh/sieve at the end of the drains discharging wastewater from the rice mill into the canal. Recovered solid waste should be properly disposed of in the Solid Waste Pit or at an approved Landfill site.
- 6.3 The Permit Holder shall maintain all drainage networks in and around the facility and shall be kept free of debris and/or vegetation.
- 6.4 **Direct effluent discharge into the Environment shall be STRICTLY PROHIBITED.**
- 6.5 The Permit Holder, in the interim, shall submit to the EPA, a Water Quality Monitoring Plan for the rice mill. The plan shall also include the treatment of effluent discharge from the parboiling plant on-site by **June 30, 2024**. As a component of the submission, the following information shall be included:

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- 6.5.1 Description of the treatment system, the engineer's design, and specifications.
- 6.5.2 The potential holding time before post-treatment release into the environment.
- 6.5.3 The location of the final discharge points,
- 6.6 The Permit Holder shall maintain the integrity of the existing waterways at all times. Discharges into the environment should be in accordance with the Guyana National Bureau of Standards Interim Guidelines for Industrial Effluent Discharge into the Environment. The following maximum allowable limits should not be exceeded:
- pH 5.0-9.0;
 - Temperature < 40 °C;
 - Total Suspended Solid (TSS) < 100 mg/L;
 - Biological Oxygen Demand (BOD) < 50 mg/l;
 - Phosphate < 1 mg/L;
 - Oil and Grease < 10 mg/L; and
 - Total Dissolved Solid (TDS) < 40 mg/L
- 6.7 The Permit Holder shall conduct water quality monitoring of the parameters listed in **condition 6.6 on a biannual basis and submit reports to the EPA.** Samples should be obtained during the peak milling season when parboiling is conducted. The sample points must be the final discharge point(s) from the facility.
- 6.8 Monitor the well for heavy metals on an annual basis and for bacteria on a bi-annual basis, once within the rainy season and the other in the dry season, and submit the results to the Agency. Comply with World Health Organization (WHO) *Guideline (2006) Chemical Parameters and for Drinking Water Quality First Addendum to Third Edition, Volume One* for heavy metals and bacteria, respectively, not exceeding the limits shown in the table below:

Parameters	WHO Guideline (2006)
Iron (Fe)	2.0 mg/L
Copper (Cu)	2.0 mg/L
Zinc (Zn)	3.0 mg/L
Lead (Pb)	0.01 mg/L
Manganese (Mn)	0.4 mg/L
Arsenic (As)	0.01 mg/L
Microbiological Parameters	
<i>E. coli</i>	0/100 ml
Total coliform	0/100 ml

- 6.9 The Permit Holder shall ensure that all concrete surfaces are thoroughly swept and

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all dust collected before any wash-down procedure to minimize the discharge of sediment.

- 6.9.1 Sweep, shovel, or vacuum spilt ingredients before cleaning. Solid material should **NOT** be washed into surrounding drains.
- 6.10 Install oil-water separators at designated sites through which all effluent (oily water) must pass before final discharge into receiving waters.
- 6.11 The Permit Holder shall promote the conservation of water resources by minimizing water consumption in the production processes and reusing water where practicable.

7.0 AIR QUALITY MANAGEMENT

- 7.1 The Permit Holder shall comply with the provisions of the **Environmental Protection (Air Quality) Regulations, 2000**, and in accordance with **Section 6.1.1 of the ESMP dated November 25, 2015**, to satisfy good environmental practices.
- 7.2 The Permit Holder shall describe and discuss the **technology used for air quality management, any operation failures, and maintenance schedules** as a component of the Environmental Annual Report.
- 7.3 The Permit Holder shall comply with the World Health Organisation (WHO) Air Quality Guidelines for Particulate Matter in the Environment, not exceeding the limits below:
- PM_{2.5}: 10 µg/m³ annual mean
25 µg/m³ 24-hour mean
- PM₁₀: 20 µg/m³ annual mean
10 µg/m³ 24-hour mean
- 7.2.1 The Permit Holder shall conduct monitoring of PM 2.5 and PM₁₀ upwind and downwind of the rice mill during the peak of one milling season annually and submit the results to the Agency in your Environmental Annual Report. ***Note that the Agency reserves the right to request additional monitoring upon the review of the results submitted.***
- 7.4 The Permit Holder shall ensure that the operation is enclosed to minimize the impact of dust and ash on the receiving environment. **A dust/ash collection system equipped with extractor fans and a containment bin shall be installed and maintained.** The containment bin must be appropriately sized to

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accommodate the storage of a minimum of 75 % of paddy waste generated during a typical milling season.

- 7.5 The Permit Holder shall apply wet suppression techniques (where necessary) and/or erect dust screens/fences to control particulate matter/dust emissions from the facility, from material stockpiles, the paddy husk heap, the milling area, and other components of the operation that would generate dust.
- 7.6 The Permit Holder shall ensure that the dust suppression methods selected are practised to minimize dust/ash from becoming airborne from material stockpiles and any other component with the potential to generate significant dust.
- 7.7 **Open burning of paddy hull onsite is STRICTLY PROHIBITED.**
- 7.8 The Permit Holder's use of paddy husk as an energy source in the dryers should be optimized and maintained. All efforts should be made to recover the paddy husk and appropriately dispose of it at a suitable location, away from residents; where practical paddy husk should be re-used.
- 7.9 The Permit Holder shall operate and service all mechanical equipment in accordance with the manufacturer's specifications at all times. Additionally, ensure that mechanical equipment works at its optimal levels to minimize atmospheric emissions.

8.0 NOISE MANAGEMENT

- 8.1 **The Permit Holder shall comply with the provisions of the Environmental Protection (Noise Management) Regulations, 2000, and in accordance with Section 6.1.2 of the ESMP dated November 2015.**
- 8.2 The Permit Holder shall ensure that all significant noise-producing equipment, e.g. generators, etc. are equipped with appropriate silencers or mufflers and/or are enclosed in suitable acoustic enclosures where necessary to reduce noise levels impacting the surrounding environment to achieve compliance with GNBS requirements.
- 8.3 The Permit Holder shall ensure all equipment and machinery are placed on a foundation properly designed to ensure effective damping of vibrations.
- 8.4 The Permit Holder shall implement all possible measures to mitigate adverse noise impacts from heavy machinery on the environment. Silencers, mufflers, enclosures, or other appropriate devices should be used. Comply with the Guyana National Bureau of Standards (GNBS) Guidelines for Noise Emission into the Environment at a distance of 15 m (50 ft) from the source or at the property

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boundary, whichever is closer.

- **Commercial Limits: 80 dB** (Day-time (06:00 h -18:00 h))
65 dB (Night-time (18:00 h - 06:00 h))

9.0 WASTE MANAGEMENT

9.1 The Permit Holder shall comply with the provisions of the Environmental Protection (Litter Enforcement) Regulations, 2013, and in accordance with Section 6 of the ESMP dated November 2015.

9.1.1 The Permit Holder shall maintain good solid waste management and disposal practices in the operation. Provide properly covered garbage receptacles both within and outside of the operation.

9.1.2 The Permit Holder shall dispose of any additional unused paddy husk and paddy impurities and any other solid waste at a disposal site approved by the Neighborhood Democratic Council.

9.1.3 The Permit Holder shall ensure that all solid waste materials are reused or recycled. Options for reuse include but are not limited to bedding for poultry operations; mulching; and landfilling where practical.

9.2 The Permit Holder shall maintain a septic system on site. The septic tank should not be located within 1.5m of a building or property boundary and should be accessible for cleaning and de-sludging. Any modification to the septic tanks must be in accordance with the Guyana National Bureau of Standards (GNBS) Code of Practice for the Design and Construction of Septic Tanks and Associated Secondary Treatment and Disposal Systems.

10.0 FUEL, WASTE OIL, HAZARDOUS MATERIALS MANAGEMENT & ENVIRONMENTAL EMERGENCY

10.1 The Permit Holder shall comply with the provisions of the Environmental Protection (Hazardous Wastes Management) Regulations, 2000, and in keeping with Section 6 of the Environmental Social Management Plan (ESMP) dated November 2015.

10.2 The Permit Holder shall store all fuel away from ignition sources and have “No Smoking” signs posted where fuel is handled or stored.

10.3 The Permit Holder shall maintain a fuel containment bund with 100% containment capacity of the largest storage tank, which must have an impervious

surface for the handling of all oils, lubricants, and fuels. Designate areas for storage and collection of fuel and chemicals.

- 10.4 The Permit Holder shall maintain a supply of relevant oil-absorbent materials such as absorbent pads, sand, etc., at the site for the clean-up of spills. Used adsorbent materials are stored and disposed of in a manner approved by the EPA. Used pads can be stored in bonded areas until appropriately disposed of.
- 10.5 Refrain from draining fuel/lubricants including waste oils of any quantity from the equipment onto the ground or into the waterways.
- 10.6 Treat and contain spills of even a minor nature with absorbent materials.
- 10.7 Designate areas for the storage and collection of fuel, fertilizers, and chemicals within a secure and ventilated bond which must have an impervious surface.
- 10.8 Store used batteries, containers containing waste oil, and any other hazardous material in a secure designated area. The area should be clearly labelled. Further, the aforementioned hazardous materials should be disposed of by an authorized hazardous waste disposal company.

11.0 SPILLS AND EMERGENCY MANAGEMENT

- 11.1 The Permit Holder shall notify the Environmental Protection Agency **within one (1) hour** of the occurrence of any environmental emergencies (e.g., oil spills, hazardous materials/wastes spills, sudden onset disaster, natural, technological, or human-induced factors that cause or threaten to cause severe environmental damage as well as harm to human health or livelihood).
- 11.2 All near misses, spills, and unwanted/accidental discharges, amounting to less than imperial five (5) gallons, must be recorded and reported to the Agency as a component of the Environmental Annual Report.
- 11.3 Discharges of contaminants amounting to **five (5) imperial gallons or more** must be reported to the Agency by submitting an "Incident Notification Form for Spills in Onshore Operations" using the most recent template provided by the Agency, within forty-eight (48) hours of the incident. A follow-up incident notification form shall be submitted **within seventy-two (72) hours** of the submission of the initial notification form (a total of five days after the discharge of the contaminants).
- 11.4 The Permit Holder shall establish procedures for analysing accidents and failures to determine the causes of the failure and minimize the possibility of a recurrence. This information shall be made available to the Agency upon request.



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- 11.5 An electronic shutdown system shall be maintained as a primary emergency response mechanism, along with one or more suitable leak detection mechanisms.
- 11.6 The Permit Holder shall provide a fully equipped first aid kit at all primary work sites and ensure that functional communication and transportation systems are in place to respond to emergencies.
- 11.7 The Permit Holder shall maintain an Emergency Response Plan (ERP) for the entire facility, inclusive of the pipeline system. The ERP shall contain, but may not be restricted to the following:
- i. Spill detection and mitigation procedures;
 - ii. Escape, evacuation, and rescue plan and assessment;
 - iii. A list of responsible parties and duties;
 - iv. A list of regulatory agencies to be notified;
 - v. Names and addresses of response organizations;
 - vi. Training procedures;
 - vii. A list of equipment to be utilized;
 - viii. Testing procedures to ensure that the equipment to be used remains in working condition; and
 - ix. Clean up and hazardous waste disposal procedures.
- 11.8 The Permit Holder shall annually simulate the entire ERP with relevant stakeholders as directed and/or approved by the Agency. The Agency reserves the right to attend any exercise organised in accordance with this Condition.
- 11.9 The Permit Holder shall produce appropriate documentation, to the EPA, evidencing the conduct of the exercises required by **Condition 11.8**. The documentation must be submitted no later than thirty (30) calendar days following the emergency response exercise and shall include information detailing the:
- i. Type of exercises;
 - ii. Date and time of the exercises;
 - iii. Description of the exercises;
 - iv. Objectives met; and
 - v. Lessons learned.

12.0 COMPLIANCE, MONITORING & REPORTING

- 12.1 Comply with any lawful directions given by the EPA from time-to-time in furtherance of the implementation of any international or other obligation for the environmental protection of Guyana.

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- 12.2 Monitor the implementation of the conditions of this Permit, insofar as they involve adherence by your employees and all third parties under your direction.
- 12.3 Submit an **Environmental Annual Report** to the EPA on your compliance with this Environmental Permit (Renewed) on or before **March 31**, of each year.
- 12.4 Notify the Agency in writing of any change of name or ownership of the Permit Holder's facility within **thirty (30) days** after the change occurs.
- 12.5 Notify the Agency **within twenty-one (21) days** in event of death, bankruptcy, liquidation or receivership of the Permit Holder or if the Company becomes a party to an amalgamation.
- 12.6 Maintain and submit to the Agency records of the type, composition and quantity of contaminant released (i.e., any solid, liquid, gas, odour, sound, vibration, radiation, heat or combination of any of them).
- 12.7 Report to the Agency any non-compliance(s) with the Environmental Permit (Renewed):
 - i. Within **twenty-four (24) hours** of the time the Holder of the Environmental Permit (Renewed) becomes aware of the non-compliance outlining the anticipated manner in which human health or the environment may be impacted.
 - ii. Within **seventy-two (72) hours** of the time the Holder of the Environmental Permit (Renewed) becomes aware of the non-compliance, submit to the Agency a written report containing a description of the non-compliance, its cause, the period of non-compliance including exact dates and time and the anticipated time it is expected to continue if the non-compliance(s) has not been corrected.

13.0 INSTITUTIONAL AUTHORITY AND LIABILITIES

- 13.1 The Permit Holder shall be liable for any material environmental harm caused by polluting the environment, pursuant to s. 39 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 13.2 The Permit Holder shall be liable for any serious environmental harm caused by polluting the environment, pursuant to s. 39 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 13.3 The Permit Holder shall be liable for any activity that causes or is likely to cause pollution of the environment unless all reasonable and practicable measures are

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taken to prevent or minimise any resulting adverse effect, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

- 13.4 The Permit Holder shall be liable for discharging, causing or permitting the entry into the environment, of any contaminant in any amount, concentration or level excess of that prescribed by the regulations or stipulated by this Environmental Permit (Renewed), pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 13.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of the contravention of the conditions of this Environmental Permit (Renewed), pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 13.6 The Permit Holder shall not be indemnified by the Agency for any activity that causes or is likely to cause pollution to the environment, resulting from adverse effects through the discharge, any contaminant in any amount, concentration, ultra-hazardous substances, chemicals or otherwise, and shall be rendered liable to prosecution and to penalties prescribed under the Environmental Protection Act and Regulations.
- 13.7 The Permit Holder shall be liable of any gross negligence or willful misconduct caused by the Permit Holder, his Servants and/or Agents, to the environment, biodiversity, protected species and natural habitat with respect to any release, discharge, or spill, of contaminant fluids, oil or lubricants.
- 13.8 Should the Permit Holder contravene or be likely to contravene any condition of this Permit, the Agency (EPA) may serve on him an Enforcement Notice in accordance with Section 26 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 13.9 Where it appears to the Agency that the Permit Holder is engaged in any activity that may pose a serious threat to natural resources or the environment, or a risk of serious pollution of the environment or any damage to public health, the EPA may issue to the Permit Holder a Prohibition Notice, which may order him to immediately cease the offending activity, in accordance with Section 27 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 13.10 The EPA reserves the right to conduct regular inspections of the Permit Holder's activities as part of its monitoring and enforcement requirements under the Environmental Protection Act, Cap 20:05 and its regulations.
- 13.11 The Permit Holder, His Servants, and/or Agents shall at all times, allow entry to the permitted facility to any Officer designated by the EPA for the purposes of conducting inspections or any other legitimate business of the Agency. Pursuant to

Ronald Yasson 2027-05-17



Environmental Permit (Renewed) - Ref. No. 20141104 – MPRMO

Issued under the Environmental Protection Act, Cap.20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and Environmental Protection (Authorisations) Regulations, 2000.

Section 38 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana, it is an offence to assault, obstruct or hinder an authorised person in the execution of his/her duty under the said Act or its Regulations and the Permit Holder shall be liable to penalties prescribed under paragraph (c) of the Fifth Schedule for doing so.

- 13.12 The EPA has the right to modify, cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 13.13 **This Environmental Permit (Renewed) is not the final consent; all relevant Permissions should be obtained from other regulatory bodies for continued operation.**
- 13.14 This **Environmental Permit (Renewed)** is effective for the period stipulated herein, **April 2024 to March 2029.**
- 13.15 This **Environmental Permit (Renewed)** shall remain valid until **March 31, 2029**, unless otherwise suspended, cancelled, modified, or varied, in accordance with the provisions of this Permit or the Environmental Protection Act, Cap. 20:05, Laws of Guyana and the Environmental Protection (Authorisations) Regulations, 2000.
- 13.16 This **Environmental Permit (Renewed)** must be renewed by submitting a completed *Application Form for Renewal of Environmental Authorisation* to the Agency at least six (6) months before this Permit expires, that is, no later than **September 30, 2028.**
- 13.17 Any late submission of renewal application after the specified date as stated above, the agency may require the Permit Holder to pay, in addition to the renewal fee, a late penalty fee (accruing at the time such obligation was first owed for renewal) at a rate of **two thousand dollars (\$2,000.00) per day for every business day late**, until such renewal application is submitted to the Agency, without prejudice to any other rights of the Permit Holder in connection therewith.
- 13.18 Failure to comply with the requirements of this Permit or with applicable laws and regulations, whether existing or forthcoming, shall render the Permit Holder liable to prosecution and to penalties, inclusive of civil penalties, injunctive relief and imprisonment, as prescribed under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection Regulations and any other applicable Laws of Guyana.

Ronald Yessini 2024-05-17



Environmental Permit (Renewed) - Ref. No. 20141104 – MPRMO

Issued under the Environmental Protection Act, Cap.20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and Environmental Protection (Authorisations) Regulations, 2000.

Signed by
Agency.



on behalf of the Environmental Protection

Date 2024.05.07

I hereby accept the above Terms and Conditions upon which this Environmental Permit (Renewed) is granted and agree to abide by the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, the Environmental Protection Regulations, 2000, and any forthcoming regulations, best practices, guidelines and standards made under this Act.

NAME:	Mohindra Persaud
DESIGNATION:	General Manager
SIGNATURE:	Ronald Yasser
DATE:	2024-05-17



RBI # 000015439

Rate \$210.43



Environmental Protection Agency

Head Office - Ganges Street, Sophia, Georgetown, Guyana.
Tel (592) 225-6048/44 225-5471/67 Fax: (592) 225-5481

Branch Office - Berbice (Whim, Corentyne) - Tel (592) 337-2201/2207
Linden (LEN Building, Mackenzie) - Tel (592) 337-2201/2207

File Copy

Date: 11 11 95 03 04

No. 27639

Received From: Nand Persaud & Company Limited

The Sum of: Eight hundred and 17 MAY 2024
thousand, eight hundred.

\$ 811,800

FINANCE DIVISION

For: Environmental Permit (Renewed Rice Mill Fertilizer Bond System)
Medium (2 April 2024 - March 2029)

Cash Cheques Wire Transfer

PAID ☒ ☐ ☐

Amt. \$

Signature: R. Malabu

May 16, 2024

The Manager
EPA
Whim Branch,
Berbice

Dear Sir/Madam,

I the undersigned hereby authorize Ronald A. H. Yassim ID # 145006659 of Rose Hall Town Corentyne Berbice to sign and uplift the EPA permit.

Attached is cheque # 15439 amount \$841,800.00 for 5 years period.


All for your information and guidance.

Regards,


Mohindra Persaud, M.S.
CEO


Environmental Protection Agency
RECEIVED

MAY 17 2024

 Whim Office

Guyana Identification Card

Surname
YASSIM


Forenames
**RONALD
ANTHONY HEMCHAND**

Sex M Date of Birth 05 Jun 1965

Nationality
GUYANESE

Date of Issue 06 Apr 2011

Signature *Ronald A. Yassim* Identity No. **145006659**





Identity No.
145006659

Height **175 cm**

Colour of Eyes **BROWN**

Distinguishing Marks
SCAR ON LEFT CHEEK



Senarub Pundit
Commissioner,
National Registration

