



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



March 20, 2024

Ref. No. 20091201 - CGXRI

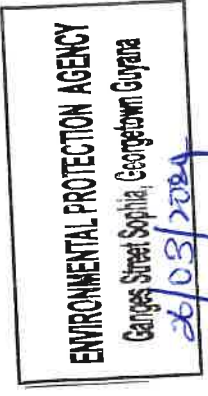
**Professor Suresh Narine**

Executive Chairman

Grand Canal Industrial Estates Inc. (GCIE)

234 Irving and Lance Gibbs Streets

Queenstown, Georgetown



Dear **Professor Narine**,

**Re: Environmental Permit (Varied) for the Construction and Operation of a  
Wharf, Logistics Yard and Storage Facility**

The Environmental Protection Agency (EPA) has prepared an Environmental Permit (Varied) for the Construction and Operation of a Wharf, Logistics Yard, and Storage Facility on the Eastern Shore of the Berbice River, North of the Berbice River Bridge, Region 6.

Please sign the Environmental Permit (Varied) to indicate your acceptance of its terms, conditions, and agreement to comply with the statutory requirements of the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection Regulations.

Should you have any questions or require further clarifications, kindly contact **Ms. Lanique John**, Environmental Officer 1, EPA's Whim Regional office on telephone number 337-2201/2207, or email [epawhim@epaguyana.org](mailto:epawhim@epaguyana.org).

Yours sincerely,  
.....  
  
**Kemraj Parsram**  
Executive Director  
Executive Director

Ganges St., Sophia, Georgetown, GUYANA.

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

 [epa@epaguyana.org](mailto:epa@epaguyana.org)

 [www.epaguyana.org](http://www.epaguyana.org)



Environmental Protection Agency - Guyana

**"The Environment is Everybody's Business"**





## Environmental Protection Agency

Ganges Street, Sophia,  
Georgetown, GUYANA  
Tel.: (592) 225-0506  
Fax: (592) 225-5481  
Email: [epa@epaguyana.org](mailto:epa@epaguyana.org)  
Website: <http://www.epaguyana.org>

### Environmental Permit (Varied)

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

Reference No.:	20091201 – CGXRI
Fee:	Extra Large (C3) - US\$3,100 per year
Fees Paid:	US\$15,500 - Five (5) Years (February 2021 to January 2026)
Addressee(s):	Professor Suresh Narine Executive Chairman Grand Canal Industrial Estates Inc. 234 Lance Gibbs and Irving Streets Queenstown Georgetown
Activity:	Construction and Operation of a Wharf, Logistics Yard and Storage Facility.

Grand Canal Industrial Estates Inc., 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, for the Construction and Operation of a Wharf, Logistics Yard and Storage Facility to be located on the Eastern shore of the Berbice River, North of the Berbice River Bridge, Region 6, hereinafter referred to as the “Project”, in the manner indicated in the Application for Variance of Environmental Authorisation dated January 25, 2024, subject to the terms and conditions set forth herein under the Environmental Protection Act, existing and/or forthcoming Regulations, laws, best practices, guidelines and standards relevant to this project.

This is a Variance of the Environmental Permit (Renewed), Reference # 20091201-CGXRI, issued on February 2021, which will expire on January 31, 2026. This Environmental Permit (Varied) is issued pursuant to the Environmental Protection (Authorisations) Regulations, 2000.

The Permit Holder, his Servants, Agents, and/or Sub-Contractor(s) shall comply with the following Terms and Conditions for Construction:

**Environmental Permit (Varied) - Ref. No.: 20091201-CGXRI**

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

**1.0 CONSTRUCTION**

- 1.1 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 20(3) of the Environmental Protection (Authorisations) Regulations.

**Note:** For more information, please see **Regulation 20 of the Environmental Protection (Authorisations) Regulations 2000.**

- 1.2 Implement mitigation measures/recommendations as outlined in the approved Environmental Management Plan (EMP) dated **September 2010.**
- 1.3 Utilise the land in accordance with the plan submitted to the Agency. All specifications of location, pathways, reserve, and boundary lines must be adhered to, unless otherwise authorised; evidence of which must be provided to the Agency.
- 1.4 Avoid construction works between 22:00 hrs and 06:00 hrs on any day.
- 1.5 The Permit Holder shall ensure construction materials such as bitumen, asphalt, aggregates, etc. are obtained from approved sources only. Additionally, take all necessary precautions to minimise potential adverse impacts on public health and the environment in the transport, storage, and handling of construction materials and wastes, including the covering of trucks and barges containing such material.
- 1.6 The Permit Holder shall ensure the construction and maintenance of a fence around the site to act as a deterrent to the wildlife in the area.
- 1.7 Identify suitable areas for material stockpiles and equipment during construction.
- 1.8 Avoid any road traffic hazards or unnecessary inconveniences to the general public through appropriate planning and management of the construction site.
- 1.9 Remove all construction tools, equipment, machinery, and waste material from the site upon the completion of construction works.





## **2.0 EMPLOYEES**

- 2.1 Adhere to requirements of the **Occupational Health and Safety Act, Cap 99:10, Laws of Guyana.**
- 2.2 Employ or designate an employee to the role of an **Occupational Health and Safety (OHS)/Environmental Officer** to be responsible for the implementation and coordination of all safety requirements and terms and conditions stipulated in this Permit, as well as compliance monitoring with the preparation of all required reports.
- 2.3 Identify person(s) who will be responsible for carrying out the monitoring plan and ensuring that the proposed mitigation measures are implemented as outlined in the Environmental Management Plan (EMP).
- 2.4 The Permit Holder shall ensure all employees are aware of the approved Environmental Management Plan (EMP) submitted to the Agency and their duties and responsibilities according to this Plan.
- 2.5 Monitor the working environment at all times for occupational hazards relevant to the specific construction and operation activities of the Wharf.

## **3.0 DREDGING MANAGEMENT AND MAINTENANCE**

- 3.1 The Permit Holder shall ensure that all construction, **and dredging** works at the project site are conducted in accordance with **MARAD** and the Sea and River Defense and Drainage & Irrigation Laws of Guyana, as well as **the No-Objections/Approvals from the said Agencies.**
- 3.2 The Permit Holder shall ensure that all construction dredging, maintenance dredging, and the disposal of dredged material are handled in such a way so as to prevent negative impacts on habitats or significant hazards to human health and the environment.
- 3.3 Prior to initiation of dredging activities, materials must be sampled and characterized for their physical, chemical, biological, and engineering properties to inform the evaluation of dredged materials' behavior once re-suspended and to inform their reuse or final disposal.
- 3.4 Implement all necessary measures to reduce turbidity and the release of contaminants from the re-suspension of sediments in the water column and from exposure of sediments to higher oxygen levels.

**Environmental Permit (Varied) - Ref. No.: 20091201-CGXRI**

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

- 3.5 Methods for excavation and dredging must be selected to minimise the suspension of sediments and the destruction of benthic habitats.
- 3.6 The Permit Holder shall ensure adequate treatment and proper final disposal of dredged materials.
- 3.7 Dredging must only be conducted for this new infrastructure component (i.e., the Wharf) to create or maintain safe navigation access and for construction activities. Should Dredging be required for a new channel leading to the wharf, an Application for Environmental Authorisation must be submitted to the EPA.
- 3.8 Disposal of excavated and dredged materials into the Berbice River is strictly prohibited.

#### **4.0 OPERATION**

##### **VESSEL BERTHS**

- 4.1 Vessel berths shall be conducted in accordance with the Maritime Administration Department (MARAD), Sea & River Defense and Drainage & Irrigation Laws of Guyana, and any other applicable guidelines.
- 4.2 Periodic maintenance of the Berths, such as painting, resurfacing, clearing of debris, or minor repairs, shall be conducted without causing any physical disruption of the watercourse.
- 4.3 The Best Available Practices (BAT) shall be implemented and maintained to prevent pollution of the Berbice River from erosion, siltation, fuel/lubricants, solid waste, etc.
- 4.4 Vessels shall be moored in depths that allow them to remain afloat, but prevent propellers from disturbing bottom sediments and or increasing water turbidity.
- 4.5 The permit holder shall ensure that all vessels docked at the berth remain in compliance with the International Convention for the Prevention of Pollution from Ships (MARPOL).
- 4.6 Discharge of bilge water, ballast water, oil waste, sewage, garbage, and other pollutants from vessels docked at the berths into the waterways is **STRICTLY PROHIBITED**.
- 4.7 Emergency spill clean-up materials such as Marine Spill Kits shall be obtained and maintained at the berths for response to potential spills from vessels.



## **CARGO MARSHALLING STORAGE YARDS (CMSY)**

- 4.8 Storage of equipment, tools, oil and gas production chemicals, pipes, and other materials in transit for offshore shipment, shall not **exceed seven (7) days**. The Permit Holder shall notify the EPA if storage **exceeds seven days**.
- 4.9 Cargo Marshalling Storage Yards, Pipe Yard, and Container Yard shall be clearly demarcated and identified by signage.
- 4.10 Access to these areas shall be restricted and informed by signage and security measures.
- 4.11 Liquid chemicals stored at the CMSY shall be stored within Cargo Carrying Units (CCUs), within secondary containment, or on Intermediate Bulk Containers (IBC) containment pallets.

## **STORAGE OF PARTS, TOOLS & EQUIPMENT**

- 4.12 Equipment, parts, and tools stored at the operation and warehouses shall be new, uncontaminated, and free of radiation sources.
- 4.13 Equipment, parts, and tools **shall not** be stored in passageways including forklifts and pedestrian walkways in the warehouses.
- 4.14 The ingress to and egress from the warehouses shall be cleared and freed of obstructions at all times.
- 4.15 Where applicable, equipment stored in the warehouses shall not be stacked more than three (3) tiers high.
- 4.16 Maintenance of equipment, parts, and tools **shall not** be conducted in the warehouses.

## **5.0 WATER AND SOIL QUALITY MANAGEMENT**

- 5.1 Strictly comply with the provisions of the **Environmental Protection (Water Quality) Regulations 2000**.
- 5.2 Protect susceptible sloped surfaces with suitable revetment and appropriate cover to



ensure the stability of slopes and avoid erosion. Protect the remaining mangroves on site.

5.3 Maintain the integrity of the existing waterways at all times. Discharges into the environment must be in accordance with the Guyana National Bureau of Standards (GNBS) *Interim Guidelines for Industrial Effluent Discharge into the Environment*. The following are the allowable limits for this type of project and should not be exceeded:

- Temperature < 40 °C;
- pH 5.0-9.0;
- Biological Oxygen Demand (BOD) < 50 mg/L;
- Chemical Oxygen Demand (COD) < 250 mg/L;
- Total Suspended Solid (TSS) < 100 mg/L;
- Oil and Grease < 20 mg/L; and
- Total Dissolved Solid (TDS) < 40 mg/L.

**Monitor the parameters above on a biannual basis (*once in the wet season and once in the dry season*) and submit the results to the Agency.** The Agency also reserves the right to request independent analysis from a certified laboratory approved by the EPA at the expense of the Permit Holder.

5.4 The following information from collected samples shall be recorded and submitted to the EPA within **thirty (30) days** after the analysis was completed for each sampling done in accordance with this Permit:

- i. The exact place with Global Positioning coordinates (GPS), date and time of sampling;
- ii. The person(s) who performed the sampling;
- iii. The results of all the analyses;
- iv. Copies of original laboratory analytical reports that include the International Standard Organization or Guyana National Bureau of Standards certification of the laboratory
- v. Data presented in report format as per the EPA

5.5 The Permit Holder shall ensure that the riverbank is cleared of debris on a regular basis to reduce the possibility of river pollution.

5.6 The Permit Holder shall ensure that drains are cleared of debris on a regular basis to promote the free flow of water.

5.7 Wastewater effluent shall not be discharged directly into waterways without prior treatment.



- 5.8 Avoid soil and water contamination from fuel, grease, waste oils, and other petroleum products that might be used at the construction and operation site. Ensure to store all oils, fuel, paints, and chemicals in a designated area on an impervious base, at least 100 meters away from the Berbice River.
- 5.9 Conduct refueling, maintenance, and placement of equipment on an impervious base to prevent any fuel spills/leaks from contaminating the soil and surface/groundwater. Spills of any chemicals, substances, fuel, oil, or hazardous materials shall be cleaned up immediately using the best practicable means to prevent any runoff into surrounding drains or the Berbice River.
- 5.10 Adequately store and/or cover temporary stockpiles of construction materials and excavated waste in a secured designated area to prevent accidental release into the Berbice River, especially in rainy conditions. The designated area shall not be placed within 10m of the Berbice River or other water bodies.
- 5.11 Take necessary precautions to avoid erosion, siltation, and sedimentation of drains and canals during construction and cutting of roads. Install sediment control structures such as sediment traps and screens to prevent the inflow of sediments to surface water.
- 5.12 Remove sediments before they accumulate to half of the above-ground height of the perimeter control.
- 5.13 The Permit Holder shall ensure the construction and operation of the Wharf and dredging is done to coincide with low flow periods of the Berbice River.
- 5.14 The Permit Holder shall ensure that portable toilets are well-maintained and emptied regularly by an approved Disposal Service Provider.

## **6.0 NOISE ABATEMENT AND AIR QUALITY MANAGEMENT**

- 6.1 Comply with the **Environmental Protection (Air Quality) Regulations, 2000** and the **Environmental Protection (Noise Management) Regulations 2000**.
- 6.2 Comply with the Guyana National Bureau of Standards (GNBS) *Guidelines for Noise Emissions into the Environment*. Sound levels from noise-making devices shall not exceed the limits below, at a distance of 15 metres (50 ft) from the source or property boundary, whichever is closer.

## **During Construction**

- **Construction Limits:** 90 dB during the daytime (06:00 h - 18:00 h)  
75 dB during the night-time (18:00 h - 06:00 h)

## **During Operation**

- **Industrial Limits:** 100 dB during the daytime (06:00 h - 18:00 h)  
80 dB during the night-time (18:00 h - 06:00 h)

6.3 The Permit Holder shall ensure that all construction and operation activities are done in such a manner so as to prevent, minimise, control, and/or avoid adverse noise nuisance to the surrounding environment.

6.4 The Permit Holder shall ensure that all sound-making devices, such as generators, are housed in enclosures constructed with materials of good insulation properties (e.g., hollow concrete blocks, insulation boards, solid clay bricks, etc.), equipped with silencers/mufflers to reduce the noise level; and placed on foundations properly designed to ensure effective damping of vibrations. Adequate equipment maintenance must be done in accordance with the respective manufacturer's specifications and any obsolete tools and equipment replaced.

6.5 Ensure that the exhaust stack of each generator is at least 2 metres above the tallest building nearby, to minimise adverse fumes/soot impacts to the contiguous areas.

6.6 Employ dust suppression methods such as watering, erecting dust screens/fences to control dust emissions from material stockpiles and other components of the development that would generate dust.

6.7 Ensure that appropriate measures are in place to minimise the impacts of airborne emissions from vehicles offloading and/or loading building materials.

6.8 Operate 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.

6.9 Comply with the *World Health Organisation (WHO) Air Quality Guidelines for Particulate Matter in the Environment*, not exceeding the limits below:

**PM<sub>2.5</sub>:** 10 µg/m<sup>3</sup> annual mean  
25 µg/m<sup>3</sup> 24-hour mean

**PM<sub>10</sub>:** 20 µg/m<sup>3</sup> annual mean  
50 µg/m<sup>3</sup> 24-hour mean

6.10 Comply with the World Health Organisation (WHO) Air Quality Guidelines for Air Pollutants in the Environment, not exceeding the limits below, and not limited to the following list of pollutants:

- a. CO – 9 ppm (8 h)
- b. H<sub>2</sub>S – 10 ppm (8 h)
- c. NO<sub>2</sub>-0.1 ppm
- d. VOC-100 ppm

6.11 Conduct Air Quality Monitoring for the parameters listed in Conditions 6.9 and 6.10 on a biannual basis. The proposed sample points must be submitted to the EPA for approval prior to monitoring and a monitoring report shall be submitted to the Agency as part of the submission in the required Annual Report.

6.12 Ensure that engine idling during both on-loading and off-loading activities is minimum during construction and operation.

## **7.0 HAZARDOUS WASTE MATERIALS / WASTE MANAGEMENT**

7.1 Comply with the Environmental Protection (Litter Enforcement) Regulations, 2013, and the Environmental Protection (Hazardous Waste Management) Regulations, 2000.

7.2 At all times utilise the best practicable means of handling, storing, and disposing of all waste materials.

7.3 Submit to the Agency twice yearly (June and December) a report relating to the activities for the previous six months including –

- (a) the name, location, and type of facility;
- (b) types and quantities (in metric units) of hazardous waste generated;
- (c) data concerning the disposal of waste, i.e., local disposal facility utilized and amount of waste disposed of;
- (d) any applied treatment standards;
- (e) a summary of any accidents that may have occurred and any action taken;
- (f) any waste minimization efforts undertaken by your facility for hazardous waste; and
- (g) any other matter the Agency may require.

The Agency considers all materials listed in Schedule I and II of the Environmental Protection (Hazardous Wastes Management) Regulations, 2000, to be hazardous.

7.4 Promote proper solid waste management and disposal practices at the facility. In

**Environmental Permit (Varied) - Ref. No.: 20091201-CGXRI**

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

- particular, dispose of waste at the nearest designated waste management site or contract a Disposal Service that services the area to dispose of waste at a legally designated site. Place covered garbage receptacles at strategic locations around the operation.
- 7.5 Domestic waste must be placed in covered receptacles and disposed of by a competent disposal company.
- 7.6 The storage and/or disposal of expired chemicals and other toxic hazardous/hazardous waste in the general waste stream is strictly prohibited. Waste must be stored in secure containers to prevent leakage. All containers shall be equipped with tightly fitting covers and clearly labelled with the appropriate labels.
- 7.7 Label, store, and dispose of waste oil, batteries, and other hazardous wastes, in a manner approved by the EPA. Ensure that oil/fuel containment absorbent materials are appropriately stored and disposed of in a manner approved by the EPA.
- 7.8 Reuse waste material where practical as land-filling material for the revetment of the general compound surroundings. However, this must be done in an aesthetic and controlled manner. The Berbice Foreshore should not be littered with any form of wood, concrete, paper, plastic, glass metallic waste, or any form of waste that will affect humans, flora and fauna, and related biodiversity.
- 7.9 Dumping of waste (Domestic and Construction) into the Berbice River is **strictly prohibited**. Waste, inclusive of waste oil and or fuel, shall not be stored within 100 meters of the river.
- 7.10 Ensure that there is provision of adequate means of receiving and managing effluents and waste to meet the needs of the Wharf and visiting ships that will use the wharf's facilities.
- 7.11 Store waste oil in a covered, bunded area to minimize adverse impacts to the environment in the event of spillage. The bunded area must be able to provide containment for the maximum volume of waste oil stored on site.
- 7.12 The burning of waste materials is strictly prohibited. Waste materials that cannot be reused shall be taken for disposal at an approved disposal facility during construction and operation.
- 7.13 Ensure regular training is scheduled on simulated spill incident and response exercises for response personnel; spill alert and reporting procedures; deployment of spill control equipment, and the emergency care/treatment of people and animals impacted by the spill.





7.14 Establish a well-maintained septic tank system on site. Construct septic system in accordance with the Guyana National Bureau of Standards Code of Practice for Design and Construction of Septic Tanks and Associated Secondary Treatment and Disposal Systems.

## **8.0 SPILLS AND EMERGENCY MANAGEMENT**

8.1 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).

8.2 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 Annual Report.

8.3 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).

8.4 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.

8.5 An electronic shutdown system shall be maintained as a primary emergency response mechanism, along with one or more suitable leak detection mechanisms.

8.6 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.

8.7 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;

**Environmental Permit (Varied) - Ref. No.: 20091201-CGXRI**

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

- 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.

8.8 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.

8.9 The Permit Holder shall produce appropriate documentation, to the EPA, evidencing the conduct of the exercises required by Condition 8.8. 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.

**9.0 COMPLIANCE MONITORING AND REPORTING**

9.1 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.

9.2 Monitor the implementation of the conditions of this Environmental Permit (Varied), insofar as they involve adherence by employees and all third parties under your direction.

9.3 Report to the Agency any non-compliance(s) with this **Environmental Permit (Varied)** as follows:

6.3.1 Within **twenty-four (24) hours** of the time the Permit Holder becomes aware of the non-compliance(s), and the anticipated manner in which it may endanger human health or the environment.

6.3.2 Within **seventy-two (72) hours**, submit to the Agency a written report containing a description of the non-compliance(s), its cause and the period of non-compliance including exact dates and time.

6.3.3 Submit a report to the Agency indicating the reasons and the anticipated time it is expected to continue if the non-compliance has not been corrected.

9.4 Submit **Environmental Annual Reports** to the EPA on or before **March 31** every year on your compliance with this Permit.

9.5 Notify the EPA within **twenty-four (24) hours** of the occurrence of any environmental emergencies such as a sudden onset of disaster, accident, natural, technological or human-induced factors that cause or threaten to cause severe environmental damage as well as harm to human health or livelihood.

9.6 Inform the Agency prior to or within **thirty (30) days** of any change of name or ownership of the operation.

9.7 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.

#### **10.0 INSTITUTIONAL AUTHORITY/LIABILITIES**

10.1 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.

10.2 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.

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

10.4 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, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

10.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 12.3 and 12.4 of this Environmental Permit, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

**Environmental Permit (Varied) - Ref. No.: 20091201-CGXRI**

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

- 10.6 The Permit Holder shall restore and rehabilitate the environment.
- 10.7 The Permit Holder shall bear the cost of all investigations into pollution incidents, conducted at the instance of the Agency.
- 10.8 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.
- 10.9 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.
- 10.10 Should the Permit Holder contravene or be likely to contravene any condition of this Permit, the Agency may serve on him an Enforcement Notice in accordance with Section 26 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 10.11 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 Agency 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.
- 10.12 The Agency 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 the Environmental Protection (Amendment) Act, 2005, and Environmental Protection (Authorisations) Regulations, 2000.
- 10.13 The Permit Holder, His Servants and/or Agents shall at all times, allow entry to the permitted facility to any Officer designated by the Agency for the purposes of conducting inspections or any other legitimate business of the Agency. Pursuant to 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.
- 10.14 The Agency has the right to modify, cancel, or suspend this Permit for breach of any





**Environmental Permit (Varied) - Ref. No.: 20091201-CGXRI**

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

of the terms and conditions contained herein.

10.15 **This Environmental Permit (Varied) is not the final consent; all relevant Permissions should be obtained from other regulatory bodies for continued operation.**

10.16 This **Environmental Permit (Varied)** is effective for the period stipulated herein **(February 2021 to January 2026)**.

10.17 This Environmental Permit (Varied) shall remain valid until **January 2026**, unless otherwise cancelled, suspended, modified or varied in accordance with the provisions of this Permit, or the Environmental Protection Act, Cap. 20:05, Laws of Guyana, Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.

10.18 This Permit must be renewed by submitting a completed Application Form for Renewal of Environmental Authorisation to the Agency at least six months before this Permit expires, that is, no later than **July 31, 2025**.

10.19 Any late submission of renewal application(s) after the specified date as stated above, 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.

10.20 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 other applicable Laws of Guyana.

Signed by

  
**Kemraj Parsram**  
Executive Director  
Environmental Protection Agency

on behalf of the Environmental Protection Agency.


Date

2024.03.20

**Environmental Permit (Varied) - Ref. No.: 20091201-CGXRI**

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

I hereby accept the above Terms and Conditions upon which this Environmental Permit (Varied) 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 (Authorisations) Regulations, 2000, and any forthcoming regulations, best practices, guidelines and standards made under this Act.

NAME:	STEVE WOODGATE
SIGNATURE:	
DESIGNATION:	Assistant Country Manager
DATE:	26th March 2024





# Grand Canal Industrial Estates Inc.

234 Lance Gibbs and Irving Streets, Queenstown, Georgetown, Guyana

21<sup>st</sup> March 2024

Mr. Khemraj Parsram  
Executive Director  
Environmental Protection Agency  
Ganges St., Sophia  
Georgetown, Guyana

Dear Mr. Parsram,

**RE: Authorization to sign and uplift Environmental Permit**

Greetings to yourself and colleagues at the Environmental Protection Agency (EPA). As Chief Executive Officer of the company, Grand Canal Industrial Estates Inc. (GCIE) I hereby authorize Mr. Steve Moorgan (Assistant Country Manager) to sign and uplift on the company's behalf, Environmental Permit (Varied) for the Construction and Operation of Wharf, Logistics Yard & Storage Facility by GCIE, in Berbice.

Regards

.....  
Professor Suresh Narine, PhD.  
Executive Chairman

