



**Environmental
Protection
Agency**

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Environmental Permit

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.:	20210111-MQTWE
Fee:	Large (C2) – US\$800 per year
Fee Paid:	US \$ 1, 600 (December, 2021 to November, 2023)-Two (2) years
Addressee:	Mr. Charles Nedd Director Tradewinds Enterprise Inc. Lot 156 Charlotte Street Lacytown Georgetown.
Activity:	Construction and Operation of a Stone Quarry



Tradewinds Enterprise 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, to operate a quarry located at Poterima, Essequibo River, Region 7 - Block LM40: T-1000/000/20 hereinafter referred to as the “Project”, in the manner indicated in the Application for Environmental Authorisation submitted on January 11, 2021, and subject to the terms and conditions set forth herein under the Environmental Protection Act, Cap.20:05, existing and/or forthcoming Regulations made under the said Act, and/or any other applicable laws, best practices, guidelines and standards relevant to this project.

The Permit Holder, His Servants, Agents and Sub-Contractors shall comply with the following Terms and Conditions:

1.0 GENERAL

- 1.1 Submit on or before **March 31, 2021**, an Environmental and Social Management Plan (ESMP) that: identifies potential environmental impacts and human risks

Environmental Permit - Ref. No. 20210111-MQTWE

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.

associated with the project; identifies feasible measures to reduce and/or mitigate potential risks and impacts to humans, biodiversity, water quality, air quality, and soil degradation to an acceptable level; and outlines a Monitoring Plan and an Emergency Plan.

- 1.2 The ESMP required under subsection 1.1 will inform the revision and updating of applicable conditions as set forth below and the inclusion of any other conditions as the Agency sees fit, to ensure protection of the environment and prevention or mitigation of pollution/contamination.
- 1.3 Make an application to the Agency to vary this Environmental 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.
- 1.4 Ensure all mining activities are conducted within the boundaries more fully described in the '**Notice of Intention to Grant Quarry Licence**', bearing the reference number LM40: G-1000/000/2020, located at the Confluence of the Essequibo River and Hurikabra Creek, Mazaruni Mining District No. 3, issued by the Guyana Geology and Mines Commission (GGMC) and published in the Official Gazette of Guyana dated November 08, 2021.
- 1.5 Maintain all demarcated boundary limits for the site claim and the periphery of the concession as prescribed by the Guyana Geology and Mines Commission (GGMC), using signage, fences or other means.
- 1.6 Maintain demarcated boundary limits for the mine sites and a non-extractable, vegetated buffer zone at least 20 m wide as follows:
 - Between your mining blocks and other different contiguous land-use activities;
 - Around the mine site;
 - Around the property boundary; and
 - Around any water source/spring located on the property.
- 1.6 Within the legal powers of the Company, ensure proper signage and security measures are in place to discourage the influx of people and keep unauthorised persons from accessing restricted and high-risk areas that are under operation by the Company.

Environmental Permit - Ref. No. 20210111-MQTWE

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.

- 1.7 Not undertake any developmental activity which may significantly affect the environment other than those activities (blasting, extraction, processing and storage of quarry materials) covered by this Permit without prior approval from the Environmental Protection Agency (EPA).
- 1.8 Adhere to the stipulations within the **Mining Act, No. 20 of 1989, the Mining Regulations including the Mining (Amendment) Regulations, 2005, the Explosives Act, Cap 16:06, the Blasting Operations Act, Cap 65:03, and Regulations of the Maritime Administration Department of the Ministry of Public Works.**
- 1.9 Ensure that transportation of quarry materials to and from the project site does not encumber road traffic.

2.0 OCCUPATIONAL HEALTH AND SAFETY

- 2.1 Adhere to the requirements of **the Occupational Safety and Health Act, Cap. 99:01, Laws of Guyana.**

2.1.1 Employees shall be equipped with Personal Protective Equipment (PPE) relevant to their occupational tasks during operation. PPE must include but not be limited to:

- i. Safety helmets;
- ii. Protective respiratory devices
- iii. Safety boots with ankle support;
- iv. Gloves with reinforced palms and fingers; and
- v. Tightly fitted safety goggles.

(Employees shall at all times be well protected)

- 2.1.2 Prepare and maintain a Log of PPE Distributed to employees.
- 2.1.3 Provide well-equipped first aid and snake bite kits at the work site. Proper prophylactic or other acceptable medical measures shall be implemented to protect workers and other persons from malaria and other harmful diseases at the project site.
- 2.2 Provide employees with training on good environmental management practices, occupational health and safety and of their obligations under this Permit on a regular basis.
- 2.3 Maintain a training file for all employees and third-party contractors; this file shall be available to EPA's Officers upon request.



Environmental Permit - Ref. No. 20210111-MQTWE

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- 2.4 Communication and transportation systems shall be in place to respond to emergencies.
- 2.5 Provide and maintain adequate fire protection measures, in accordance with guidelines established by the Guyana Fire Service.

3.0 VEGETATION CLEARING AND TOP SOIL STRIPPING

- 3.1 Maintain natural vegetative cover as far as practical, especially in the vicinity of steep slopes occurring at project site and re-vegetate areas from which vegetation was removed.
- 3.2 Topsoil cleared from working areas shall be stripped carefully and reused immediately for rehabilitation of worked areas. Topsoil shall be placed directly onto an area being rehabilitated to reduce double handling of soil.
- 3.3 Where reuse cannot be accomplished immediately, the topsoil shall be stockpiled in a suitable storage site until it is needed for reuse.
- 3.4 Incorporate and store vegetative debris with top soil to keep it active for reuse in site reclamation. Reduce erosion and dust nuisance to surrounding ecosystems by growing vegetation such as shrubs and grasses on stockpiles.
- 3.5 Store overburden stockpiles at least **two hundred (200) meters** away from any waterway, creek or drainage system.
- 3.6 Implement sediment control structures such as soakaways, settlement/water detention ponds and silt fences at the site(s).
- 3.7 Store topsoil separately from all overburden and gravel for use as backfill during progressive reclamation. Topsoil shall be replaced in its natural sequence during reclamation activities.
- 3.8 Maintain the integrity of areas where riparian vegetation is located to aid in mitigating erosion/sedimentation impacts at the site.
- 3.9 Consider the weather pattern before initiating major earthworks. Monitor areas of exposed soil during periods of heavy rainfall.
- 3.10 Avoid soil compaction, erosion, rutting, siltation and sedimentation during operation by limiting the size of the disturbed area, slope length and gradient, and the duration of soil exposure.

Environmental Permit - Ref. No. 20210111-MQTWE

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.

4.0 DRILLING AND BLASTING

- 4.1 Submit a detailed **Drilling and Blasting Plan** that is approved by the Guyana Geology and Mines Commission (GGMC) before activities commence on the concession.
- 4.2 Adhere to the protocols outlined in the Drilling and Blast Plan; any modification of the said Plan must be approved by the GGMC and submitted to the Agency within **two (2) weeks** of its approval date.
- 4.3 Employ a drilling and blasting supervisor, who is certified and licensed by the Guyana Geology and Mines Commission (GGMC).
- 4.4 Ensure the use, storage, transport, handling, and general management of explosives are done in accordance with relevant laws and regulations including the **Explosives Act, 1989**, and subsequent amendments and the requirements of the Guyana Geology and Mines Commission and the Guyana Police Force.
- 4.5 Appropriate blast design parameters shall be in place prior to the actual blasting. Attain minimum ground vibration by the utilization of:
 - Appropriate delay intervals for charge ignition;
 - Appropriate pattern;
 - Orientation of blast holes; and
 - Confinement of the charge.
- 4.6 Avoid secondary blasting, rather, drop balling, using a heavy mass operated by a dragline shall be considered.
- 4.7 Review the blast design when necessary to ensure size of the Maximum Instantaneous Charges (MICs) and detonating sequence and that the correct stemming is in place.
- 4.8 Ensure that all measures such as the use of deck charges are utilised to reduce ground vibrations.
- 4.9 All sites shall be evacuated and guarded before shots are fired; a distinctive **audible warning signal** must be given before firing and at the all-clear. Notify nearby communities and homesteads of blasting times.
- 4.10 After the firing of Blast pattern, a Post Blast inspection must be conducted by a Certified Blaster/Shotfirer to identify any potential hazards or evidence of a misfire and/or the associated corrective action required to make the area safe before an "ALL Clear" is given prior to personnel and/or equipment being allowed back into blast radius.

Environmental Permit - Ref. No. 20210111-MQTWE

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.

- 4.11 Blast Pattern shall be allowed a "Post Blast Fume Dispersion" time of **30-40 minutes** to allow prevailing winds or air currents enough time to readily dilute and dissipate to the atmosphere any gases generated in open pit blasting before the Re-entry of Personnel to this area.
- 4.12 After entering Blast radius any person experiencing sudden acute effects of coughing, shortness of breath or irritation of the mucous membranes of the eyes, nose or throat following post-blast Nitric Oxide (NOx) events must be examined by a medical practitioner without delay, even if no NOx smell was noticed or symptoms are mild.
- 4.13 Conduct air quality tests using gas detection equipment subsequent to each blast to ensure the mine is clear of blasting agents before re-entry. These tests shall be conducted by trained personnel.

5.0 ROADS

- 5.1 The running surface of the road shall be crowned with a compacted layer and there shall be good drainage on both sides of the road to catch and direct water to the local drainage system.
- 5.2 Adequate and appropriate road signage shall be installed with provisions for safe line of sight along all access roads and tracks. Signs shall inform users of dangerous bends, crossing of haul trucks, vehicle speed limits, etc.
- 5.3 Implement all reasonable and practical measures such as the provision of turnout drains at regular intervals to prevent erosion of roads.
- 5.4 Slope and construct access road/s to minimise the likelihood of soil erosion.
- 5.5 Operation and maintenance of roads, drainage ditches, culverts and or berms, etc., shall be done in a manner that results in minimal impact on public health and the environment.

6.0 WATER QUALITY MANAGEMENT

- 6.1 Adhere to the provisions of the **Environmental Protection (Water Quality) Regulations, 2000.**
- 6.2 Maintain the integrity of the existing waterways (the Essequibo River and Seribikabra Creek) at all times. Discharges into the environment shall be in accordance with the *Guyana National Bureau of Standards Interim Guidelines for Industrial Effluent Discharge into the Environment*. The following maximum allowable limits shall not be exceeded:

Environmental Permit - Ref. No. 20210111-MQTWE

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.

Parameter(s)	Maximum Allowable Limits
pH	5.0 – 9.0
Total Suspended Solids (TSS)	<50 mg/L
Total Dissolved Solids (TDS)	>50 mg/L
Chemical Oxygen Demand (COD)	< 250 mg/L
Oil and Grease (O&G)	<20 mg/L
Temperature	<40°C
Turbidity (NTU)	<30 NTU
Biological Oxygen Demand (BOD)	<50 mg/L

A water quality monitoring plan including but not limited to sampling points displayed on a map and frequency of sampling shall be submitted for approval to the EPA as part of the ESMP.

Monitoring of the parameters above shall be conducted at the approved sampling points and the results analysed at a Guyana National Bureau of Standards (GNBS) certified laboratory or by trained personnel using calibrated equipment. The results analyses shall be submitted to the Agency as part of the Annual Report.

- 6.3 Perimeter berms shall surround waste/spoil piles to reduce discharges of sediment into the Essequibo River and Seribikabra Creek.
- 6.4 Construct and maintain a good drainage system capable of handling the probable maximum precipitation storm event at all facilities. Stormwater discharge shall be directed into an appropriately designed sediment pond before being discharged into surrounding waterways.
- 6.5 Silt fences shall be installed at discharge points of drainage systems to reduce the sediment loads entering waterways.
- 6.6 Divert surface water runoff from higher mine benches to prevent it from reaching lower workings. Where possible, strategically place low permeability materials to restrict water flow into mining areas.
- 6.7 Install a filter treatment system at the domestic water discharge point for further treatment before discharge. Discharging domestic wastewater directly into watercourses is strictly prohibited.



Environmental Permit - Ref. No. 20210111-MQTWE

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.

- 6.8 Install, operate and maintain oil-water separators at the repair workshop and fuel storage and handling areas.
- 6.9 Conduct an assessment to determine the status of groundwater levels in the vicinity of the mining concession **within the first year** after commencement of the Quarrying activities. The assessment shall present baseline information such on water levels, flow and quality amongst other groundwater parameters for the continuous monitoring of groundwater within the concession.

7.0 FUEL, AND HAZARDOUS WASTE MANAGEMENT

- 7.1 Adhere to the provisions of the Environmental Protection (Hazardous Waste Management) Regulations, 2000.
- 7.2 Prepare and submit to the Agency no later than **forty-five (45)** days after the end of the operating year, a report relating to the activities for the previous year. The report shall include:
- a. The name, location and type of facility.
 - b. Types and quantities (in metric units) of hazardous waste generated.
 - c. Manner of storage, use, any applied treatment standards/methods and disposal of these substances.
 - d. Data concerning off-site shipments of waste, i.e. local disposal facility utilised, country to which hazardous waste was shipped, purpose of shipment and amount of waste shipped.
 - e. A summary of any accidents that may have occurred and any action taken.
 - f. Any waste minimisation efforts undertaken by your facility for hazardous material/waste.
 - g. Any other matter the Agency may require.

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

- 7.3 Notify the Agency of the company's intention to utilise any hazardous chemicals at the operation site and/or submit the approvals obtained from the **Guyana Geology and Mines Commission (GGMC)** and/or **Pesticides & Toxic Chemicals Control Board (PTCCB)** for the use of such chemicals.
- 7.4 Obtain, under the Pesticides and Toxic Chemicals Regulations, a separate licence for the use of poisonous substances.

Environmental Permit - Ref. No. 20210111-MQTWE

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.

- 7.5 All hazardous materials shall be stored in accordance with their specific Safety Data Sheet (SDS); the SDS shall be readily available and easily accessible at all times.
- 7.6 Establish and maintain a register of hazardous materials or chemicals at the operations sites along with the Safety Data Sheet (SDS). The register shall be made available to the EPA upon request and available to all personnel.
- 7.7 Areas assigned for storage of fuel, lubricants, coolants, acid-generating materials and waste oil shall be located at least **one hundred fifty (150) meters** away from operating areas and at least **two hundred (200) meters** away from drainage lines and major waterways.
- 7.8 Construct and maintain adequate containment with an impervious surface for the storage and handling of all hazardous materials, oils, lubricants and fuels. Containment shall be constructed to store 110% of the total volume of the largest tank.
- 7.9 Store fuel or hazardous materials and waste away from ignition sources and post **"No Smoking"** signs where fuel is handled or stored.
- 7.10 Prevent and respond to all spills of fuel, oil, or other hazardous materials in accordance to the Spill Contingency Plan.
- 7.11 Maintain emergency spill cleanup kits and equipment on site for response to spills.
- 7.12 Refrain from draining fuel/lubricants including used/waste oils of any quantity from equipment onto the ground or into waterways.
- 7.13 Petroleum/chemicals containers must be suspended or placed on stands so that leaks are easily identifiable.
- 7.14 All chemical storage containers shall be kept in well-sealed and individually labeled containers and properly stored in an impervious and well-ventilated room/bond.
- 7.15 Take the necessary precautionary measures during the transport and use of fuel and other chemicals/hazardous materials.
- 7.16 Avoid spillage during fuel transfers, provide a dispensing area with drainage and liner to collect spilled product during transfer.
- 7.17 Drip trays shall be placed below equipment when conducting its maintenance.



Environmental Permit - Ref. No. 20210111-MQTWE

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.

8.0 WASTE MANAGEMENT

- 8.1 Adhere to the provisions of the **Environmental Protection (Litter Enforcement) Regulations, 2013**.
- 8.2 Promote proper solid waste management and disposal practices at your facility at all times. Waste shall not be disposed of in or near or in any waterways or the Essequibo River or the Seribikabra Creek.
- 8.3 Reduction, recycling and/or reuse of waste shall be promoted at all times.
- 8.4 Solid waste pits shall be located at least one hundred (100) meters away from any watercourses, or habitation. The waste sites shall be constructed above the ground water table and lined to the floor with an impervious earthen or other material to prevent leaching to ground water.
- 8.5 Maintain good house-keeping, sanitary and hygienic practices and the aesthetic quality of the surroundings at all times.
- 8.6 Place garbage receptacles in strategic locations within the Mine site. Have separate bins to facilitate the collection and sorting of waste according to liquid and solids; organic and inorganic; degradable and non-degradable. Used tyres and batteries shall be re-used or disposed of in a manner approved by the EPA.
- 8.7 Construct and maintain a septic tank system at all times which shall be accessible for cleaning and de-sludging. Any modification to the Septic Tank (s) 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*.
- 8.8 Install, operate and maintain grease trap interceptors in all cooking and food preparation areas to trap oils, fats and wax present in waste water.

9.0 AIR QUALITY MANAGEMENT

- 9.1 Adhere to the provisions of the **Environmental Protection (Air Quality) Regulations, 2000**.
- 9.2 Comply with the *World Health Organisation (WHO) Air Quality Guidelines for Particulate Matter in the Environment*, not exceeding the limits below:

Air Contaminant	Averaging Time	Maximum Permissible Level	Type of Monitoring
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Environmental Permit - Ref. No. 20210111-MQTWE

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.

Carbon Monoxide	1 h	35ppm	Ambient
Nitrogen Dioxide	1 h	200µg/m ³	Ambient
Sulphur Dioxide	24 h	20 µg/m ³	Ambient
Ozone	8h	100 µg/m ³	Ambient

An air quality monitoring plan including but not limited to sampling point/s displayed on a map and frequency of sampling shall be submitted for approval to the EPA as part of the ESMP.

Monitoring of the parameters above shall be conducted at the approved sampling points and the results analysed at a GNBS certified laboratory or by trained personnel using calibrated equipment. The results analyses shall be submitted to the Agency as part of the Annual Report.

- 9.3 Respond promptly to equipment malfunction or **inefficiencies** which may result in visible emissions to air. In the event of malfunction leading to abnormal emissions the operator shall:
- investigate and undertake remedial action **immediately**;
 - adjust the process or activity to minimise those emissions; and
 - record the events and actions taken.
- 9.4 Avoid or reduce dust pollution from the mines and the road. Dust suppression e.g., soaking with water etc. shall be used during dry season and as necessary.
- 9.5 Install enclosures and dust suppression systems on the mobile and fixed crushing plant, screening plant and other equipment.
- 9.6 Cover external conveyors to/from the plant.
- 9.7 Limit vehicle speeds on the internal roadways.
- 9.8 Site and orient stockpiles and storage areas to reduce wind exposure.
- 9.9 The exhaust stack of the generator shall be at an appropriate height, preferably at least **two (2) meters** above the tallest building nearby, to minimise adverse fumes/soot impacts to contiguous areas.
- 9.10 Operate and service all mechanical equipment and vehicles in accordance with manufacturer's specifications at all times to minimise atmospheric emissions.



Environmental Permit - Ref. No. 20210111-MQTWE

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.

10.0 NOISE MANAGEMENT

10.1 Adhere to the provisions of the **Environmental Protection (Noise Management) Regulations, 2000.**

10.2 Comply with the *Guidelines for Noise Emissions into the Environment* for *Guidelines for Noise Emissions into the Environment*, not exceeding the limits below at a distance of 15 m (50 ft) from the source or property boundary, whichever is closer.

Industrial Limits	100dB (Day-time (06:00-18:00 h))
	80 dB (Night –time (18:00-06:00 h))

10.3 Conduct monitoring on a weekly basis to ensure that noise from the operation is within the limits specified above and submit results to the EPA as a component of the Environmental Annual Report.

10.4 Equip all sound-making devices, e.g., generators, planers, etc. with silencers or mufflers to reduce noise level and/or enclose all sound making devices in structures constructed with materials of good insulation properties (e.g. hollow concrete blocks, insulation boards, solid clay bricks, etc.)

10.5 Place all equipment and machinery on foundations properly designed to ensure effective damping of vibrations.

10.6 Operate and service all mechanical equipment in accordance with manufacturer's specifications at all times to minimise atmospheric emissions.

11.0 BIODIVERSITY PROTECTION

11.1 Identify and avoid sensitive ecological areas within your mining claim.

11.2 Undertake construction, including clearing of vegetation at a pace slow enough to ensure that terrestrial animals and aquatic life can move to other locations.

11.3 Establish vegetation around production facilities and along access roads to mitigate the impact on terrestrial resources.

11.4 Conduct and record visual observances of aquatic and terrestrial biodiversity on a daily basis submit reports as a component of the Environmental Annual Report.

11.5 Report all occurrences of illegal wildlife trapping and trading to the EPA and Wildlife Management Authority.



Environmental Permit - Ref. No. 20210111-MQTWE

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.

- 11.6 Communicate to employees that the capture, trading and/or removal of endangered and vulnerable wildlife from the project area and surrounding areas is forbidden, in accordance with the **Wildlife Conservation and Management Act, 2016**, and any of its applicable forthcoming Regulations.

12.0 COMPLIANCE MONITORING AND REPORTING

- 12.1 Monitor the implementation of the conditions of this **Environmental Permit**, insofar as they involve adherence by employees and all third parties under your direction.
- 12.2 Submit **Environmental Annual Reports** to the EPA on or before **March 31** every year on your compliance with this Permit.
- 12.3 Ensure the reports and records of monitoring include the following:
- The names of the individuals and designations, who conducted sampling, prepared and compiled the reports;
 - The date, place/location, time, weather conditions, techniques and methods used in sampling;
 - The date the measurements were compiled or analysed and the names of the individuals who compiled the information;
 - Observations, readings, calculations, benchmarks, bench data, the results of analyses;
 - Limitations of the sampling process and all other occurrence at the time of study, which may affect the results;
 - Photographs and drawings of all relevant aspects of the operation; and
 - The state of operation of facilities at the time of measurement, including planned and unplanned shutdowns, production levels and achievement of design capacity, identification of release point, source of release and substances being released.
- 12.4 Comply with any lawful directions given by the EPA from time-to-time in furtherance of the implementation of any international or other obligations for the environmental protection.
- 12.5 Inform the Agency prior to or within **thirty (30) days** of any change of name or ownership of the operation.
- 12.6 Notify the Agency within **twenty-one (21) days** in event of bankruptcy, liquidation or receivership of the Permit Holder or if the Company becomes a party to an amalgamation.
- 12.7 Notify the EPA within **forty-five (45) minutes** of the occurrence of any



Environmental Permit - Ref. No. 20210111-MQTWE

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.

environmental emergencies such as a sudden 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.

12.8 Report to the Agency any non-compliance(s) with the Environmental Permit:

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

12.8.2 Within **seventy-two (72) hours** of the time the Holder of the Environmental Permit 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.

12.9 Implement relevant measures/agreements to avoid conflicts with other land users/communities. Conflicts shall be reported to the relevant authorities if they occur.

12.10 Inform the **National Trust and Walter Roth Museum** if any artefacts of archaeological and anthropological significance are unearthed during Major Stone Quarry operations.

12.11 Submit to the EPA the results of all periodic audits conducted by the GGMC.

12.12 Notify the EPA within **forty-five (45) minutes** of any accidental release of contaminants or incidence of pollution into the environment. The Permit Holder shall provide the financial, equipment and technical capacity to adequately respond to any emergency that may occur on site and emergency response shall be immediate.

12.13 Submit to the Agency a detailed **Project Closure Plan** for approval **two (2) years** prior to closure. Thereafter, the closure plan will be updated and reviewed at a frequency agreed to with the Agency, as needed.

12.14 The Permit Holder shall provide the financial, equipment and technical capacity to adequately respond to any emergency that may occur on site and emergency response shall be immediate.



Environmental Permit - Ref. No. 20210111-MQTWE

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.

13.0 INSTITUTIONAL AUTHORITY/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 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, 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 contravening conditions 13.3 and 13.4 of this Environmental Permit, 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 Shall 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

Environmental Permit - Ref. No. 20210111-MQTWE

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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 construction 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.
- 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 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 is not the final consent; all relevant Permissions shall be obtained from other regulatory bodies for continued operation.**
- 13.14 This Environmental Permit is effective for the period stipulated herein **December, 2021 to November, 2023.**
- 13.15 This Environmental Permit shall remain valid until **November 30, 2023** **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, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisation) Regulations, 2000.
- 13.16 This Environmental 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 **May 31, 2023.**
- 13.17 Any late submission of renewal application(s) 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**



Environmental Permit - Ref. No. 20210111-MQTWE

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every 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 shall render the Permit Holder liable to prosecution and to civil penalties and/or injunctive reliefs prescribed under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act 2005, and the Environmental Protection (Authorisations) Regulations 2000, including under any existing and forthcoming regulations made under the said Act or any other applicable Laws of Guyana.

Signed by  on behalf of the Environmental Protection Agency

Kemraj Parsram
Executive Director

Date: 2021. 12. 01

I hereby accept the above terms and conditions upon which this Environmental Permit 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:	CHARLES A. NEDD
SIGNATURE:	
DESIGNATION:	DIRECTOR/CEO
DATE:	1/12/2021

