



**Environmental
Protection
Agency**

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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.:	20210216-GOESW
Fee:	Medium (C1) i.e., US\$ 500 per year
Fee Paid:	US\$2,500 for Five (5) years (August 2021- July 2026)
Addressee:	Mr. Mahendra Jettoo Professional Waste Solutions Inc. Block 'Y' Coverden Public Road East Bank Demerara
Activity:	Operation of an Oil and Gas Exploration and Production (E&P) Waste Treatment, Recovery and Storage Facility
Varied Activity:	Thermal Desorption Treatment and Drum (Empty Containers) Reconditioning

Professional Waste Solutions Inc., hereinafter referred to as the "Permit Holder", is hereby authorised in accordance with the Environmental Protection Act, Cap. 20:05, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, to operate an Oil and Gas Exploration and Production (E&P) Waste Treatment, Recovery, and Storage Facility at Block 'X' 'TE' Huiste, Block I, 'T' Hustle Coverden, East Dank Demerara, hereinafter referred to as the "Project", in a manner indicated in the Application for Environmental Authorisation submitted on February 16, 2021, and subject to the terms and conditions set forth herein under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, existing and/or forthcoming Regulations made under the said Act, and/or any applicable laws, guidelines, best practices, and standards relevant to this project.

This is a Variance of Operation Permit Ref. #: 20210216-GOESW issued to Professional Wastes Solution Inc. (PWSI) for the period August 2021 to July 2026.

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

1.0 GENERAL OPERATION

- 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, plant, or building;
 - ii. Change and/or install new equipment, machine, apparatus, mechanism, system, or technology serving the facility or operation;
 - 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 (Authorisation) Regulations
- 1.1 Operation, inspection, maintenance, and repair of storage and treatment frac tanks, shall be in accordance with the manufacturer's specification. A summarized copy of the inspection and maintenance report shall be maintained by the Project and made available for inspection by the EPA upon request.
- 1.2 Emergency spill clean-up kits shall be maintained on-site, for response to spills, in accordance with the following:
 - i) Kits shall contain absorbent materials, drain seals, and other appropriate tools for clean-up.
 - ii) Kits shall be readily available and clearly identified at the Project.
- 1.3 All employees involved in the management of E&P wastes and the operation of the Project shall be trained in Hazard Communication and Emergency Preparedness and Response. The annual training schedule shall be made available for inspection by the EPA upon request.
- 1.4 Fire prevention and control equipment shall be maintained in accordance with this **Guyana Fire Service Approval**.
- 1.5 Adhere to the requirements of **the Occupational Safety and Health Act, Cap. 99:01, Laws of Guyana**.
- 2.0 TRANSPORTATION OF E&P WASTES**
- 2.1 A highly visible and legible label shall be affixed to the vehicles transporting the Exploration and Production wastes and shall include the following information:

Danger
Contains Hazardous Waste
- 2.2 E&P wastes shall be transported in accordance with the Transportation Plan submitted and approved by the EPA on July 16, 2021.
- 2.3 E&P waste containers shall be sealed and labelled during transport.
- 2.4 Each individual container shall be labelled with the content (waste name) and the

hazardous characteristic or property of the waste contained therein.

- 2.5 A trained operator or carrier shall supervise, monitor, and control the transfer and transportation of hazardous wastes.
- 2.6 Emergency spill cleanup kits shall be maintained on each vehicle for response to potential spills. Kits shall contain absorbent materials, drain seals, and other appropriate tools for clean-up.
- 2.7 A manifest shall be maintained and available during each transportation of waste. The manifested information shall contain the following:
- i. The name and address of the generator;
 - ii. The name, description, and hazard class of the waste;
 - iii. The number and type of containers;
 - iv. The quantity of waste being transported and collected; and
 - v. The name and address of the facility designated to receive the waste
- 2.8 Subsequent to each transportation of E&P waste, the manifest referred to in **Condition 2.7** shall be submitted to the EPA via email at: industry@epaguyana.org.
- 2.9 **EVERY** occurrence of spills during the collection and/or transportation of E&P waste shall be documented in an **incident spill report**. A copy of the spill report shall be submitted to the Agency **within twenty-four (24) hours of the incident**.
- 2.10 Clearly marked routes for vehicle movements shall be delineated at the Project. This route must be kept clear of waste material and free of obstacles, surface water drainage systems, and equipment.

3.0 E&P WASTE HANDLING AND STORAGE

- 3.1 Where applicable, E&P waste storage areas shall possess ventilation in accordance with at least one of the following:
- i. Gravity ventilation to the outside with a capacity of one cubic foot per minute per square foot or floor space
 - ii. Mechanical ventilation with on/ off switches at points of ingress that are capable of exhausting to the outside.
 - iii. Natural ventilation
- 3.2 E&P wastes shall be segregated and stored in individual steel-lined 500bbl frac tanks. Each frac tank shall maintain secondary containment at a capacity of 110% of the volume of the tank.
- 3.3 E&P wastes shall be stored away from ignition sources and in accordance with their

hazard characteristics compatibility.

- 3.4 E&P waste storage tanks shall remain sealed during storage, except when it is necessary to add or remove waste.
- 3.5 E&P waste storage tanks shall be labeled with the following:
- i. The words “**Hazardous Waste**”
 - ii. The type of waste
 - iii. Beginning accumulation date- the date hazardous waste was first placed in the storage tank shall be recorded on the tank.
- 3.6 E&P waste storage tanks shall be inspected for signs of leakage, deterioration, or corrosion and damaged tanks **must be** replaced **immediately**. Inspection reports must be maintained and signed by the appropriately qualified inspecting officer and his/her supervisor.
- 3.7 Safety Data Sheets relevant to E&P waste shall be readily available and easily accessible at all times during the Project.
- 3.8 The register of the types and quantities of E&P wastes accepted including the signed copies of manifests, records of test analyses, and waste analyses shall be maintained onsite. The register must also record the source of waste generation for each waste type accepted. A summary of the registered information shall be made available to the EPA for inspection upon request.
- 3.9 Standard Operating Procedures (SOPs) for safe transfer operations (from storage tanks to treatment tanks) and filling of storage tanks shall be established and maintained. Copies of these SOPs shall be made available for inspection by the EPA upon request.
- 3.10 All employees shall be trained on these SOPs outlined in **Condition 3.9**. Annual training records shall be made available for inspection by the EPA upon request.

4.0 PHYSICAL AND CHEMICAL TREATMENT OF E&P WASTES

- 4.1 The Project shall undergo a trial/verification test of treatment technology prior to the commencement of Operations. The Agency shall be notified of the proposed date for this trial test.
- 4.2 Treatment of E&P wastes shall occur in above-ground double-walled steel tanks. Secondary containment shall be maintained around each treatment tank, at a capacity of 110% of the volume within the tank.
- 4.3 Connecting pipelines between treatment and recovery tanks shall be maintained above ground and coated with anticorrosive material.

- 4.4 All pipelines shall be routed above the secondary containment.
- 4.5 Overfill protection shall be maintained on all tanks. This may include an automatic shut-off device or an audible or visible overfill alarm.
- 4.6 The E&P waste treatment area shall maintain natural ventilation.
- 4.7 The application of the physical, chemical, and biological processes or treatments to E&P wastes shall be in accordance with the methods outlined in the Waste Acceptance Criteria approved on July 16, 2021.
- 4.8 Chemicals used for waste treatment shall be stored in containers compatible with the chemicals. A bund or drip tray shall be provided to catch any spill from the container or its ancillary pipe work or equipment.
- 4.9 Chemical containers shall be clearly labelled in accordance with the Globally Harmonized System of Classification and Labelling. The following must be evident:
 - i. Signal Word
 - ii. GHS Symbols- (Hazard Pictograms)
 - iii. Manufacturer Information
 - iv. Precautionary Statements/ First Aid
 - v. Hazard Statements
 - vi. Product Name or Identifiers
- 4.10 Recovered oil shall be stored in steel tanks within a bund or berm to provide secondary containment at a capacity of 110% of the volume of the largest tank.
- 4.11 Solid wastes generated from the treatment process **shall be** subjected to Toxicity Characteristic Leaching Procedures prior to reuse or disposal. TCLP analysis shall be summarised and submitted as a component of the **Annual Report**.

5.0 MANAGEMENT OF WASTE TREATMENT SYSTEMS

- 5.1 Records of all bi-products generated from each treatment system shall be maintained and made available for inspection by the EPA upon request.
- 5.2 Bi-products generated from the treatment systems shall be subjected to analytical testing prior to discharge or disposal. The results shall be submitted cumulatively as a component of the project's **Annual Report**.
- 5.3 Solid waste bi-products generated from the Thermal Desorption Unit (TDU), shall be subjected to a Toxicity Characteristic Leaching Procedures (TCLP) prior to reuse or disposal. The results must be within Procedural limits in accordance with the following table:

Contaminant Group	Contaminant	Regulatory Level (mg/L)	CAS No.
Metals	Arsenic	5.0	7440-38-2
	Barium	100.0	7440-39-3
	Cadmium	1.0	7440-43-9
	Chromium	5.0	67-66-3
	Lead	5.0	7439-92-1
	Mercury	0.2	7439-97-6
	Selenium	1.0	7782-49-2
	Silver	5.0	7740-22-4
Volatile Organic Compounds	Benzene	0.5	71-43-2
	Carbon tetrachloride	0.5	56-23-5
	Chlorobenzene	100.0	108-90-7
	Chloroform	6.0	67-66-3
	1,4-Dichlorobenzene	7.5	10-46-7
	1,2-Dichloroethane	0.5	107-06-2
	1,1-Dichloroethylene	0.7	75-35-4
	Methyl ethyl ketone	200.0	78-93-3
	Tetrachloroethylene	0.7	127-18-4
	Trichloroethylene	0.5	79-01-6
	Vinyl chloride	0.2	74-01-4
Semi volatile Organic Compounds	o-Cresol	200.0	95-48-7
	m-Cresol	200.0	108-39-4
	p-Cresol	200.0	106-44-5
	Cresol (total)	200.0	N/A
	2,4-Dinitrotoluene	0.13	121-14-2
	Hexachlorobenzene	0.13	118-74-1
	Hexachlorobutadiene	0.5	87-68-3
	Hexachloroethane	3.0	67-72-1
	Nitrobenzene	2.0	98-95-3
	Pentachlorophenol	100.0	87-86-5
	Pyridine	5.0	110-86-1
	2,4,5-Trichlorophenol	400.0	95-95-4
	2,4,6-Trichlorophenol	2.0	88-06-2
Pesticides	Chlordane	0.03	57-74-9
	Endrin	0.02	72-20-8
	Heptachlor (and its Epoxide)	0.008	76-44-8
	Lindane	0.4	58-89-9
	Methoxychlor	10.0	72-43-5
	Toxaphene	0.5	8001-35-2
Herbicides	2,4-D	10.0	94-75-7
	2,4,5-TP (Silvex)	1.0	93-72-1

- 5.4 Solid waste bi-products generated from the TDU that are within the allowable limits noted in **condition 6.3** shall be disposed of at an Authorised Waste Disposal Site.
- 5.5 All waste treatment systems shall be situated in a bunded area which shall provide 100% containment of the largest volume stored therein.
- 5.6 Representative samples of new waste streams and new waste generation sources shall be taken and analyzed in a certified laboratory to characterize the waste material and identify contaminants prior to treatment.
- 5.7 Sample size and numbers shall be large enough to adequately represent the range of waste characteristics and contaminants contained in the waste material.
- 5.8 All treatment cycles shall be operated in accordance with the optimum operating criteria for the treatment plant, specifically maximum and minimum temperature range, waste feed rate, residence time, and airflow determined by the waste trial.

Thermal Desorption Unit (TDU) Hazardous Waste Treatment and Post-treatment Requirements

- 6.11 The Thermal Desorption Unit shall only be used for the treatment of waste identified in the Waste Acceptance Criteria submitted to the Agency. These are:
 - i. OBM or SBM Drilling Fluids
 - ii. OBM, WBM & SBM Drill Cuttings
 - iii. Tank Bottoms/ Sludge from LMPs
 - iv. Used Oil
- 6.12 The following waste shall not be treated with the Unit:
 - i. Acid / Caustics
 - ii. Amines
 - iii. Asbestos
 - iv. Batteries
 - v. Biological Sludge
 - vi. Catalyst
 - vii. Combustible
 - viii. Construction Debris
 - ix. Glycol
 - x. Lab Packs / Used Chemicals
 - xi. Lamps / E-Wastes
 - xii. Mercury
 - xiii. NORM
 - xiv. PCBs
 - xv. Radioactive Wastes

- xvi. Soil
- xvii. Wastewaters

- 6.13 The Project shall maintain a clearly defined acceptance and rejection criteria for waste treated by the thermal desorption process, including consideration of the following factors:
- i. Concentration, boiling, and flash point of volatile organic contaminants
 - ii. Water content, pH, and physical characteristics of waste material
 - iii. The presence of inorganic contaminants, chlorinated compounds, and odorous materials
- 6.14 E&P wastes accepted for treatment by the Project shall be profiled in accordance with the Waste Profile Sheet submitted and approved by the EPA on **July 16, 2021**.
- 6.15 Representative samples of new waste streams and new waste generation sources must be analyzed and characterized to identify appropriate treatment methods.
- 6.16 All treatment cycles shall be operated in accordance with the optimum operating criteria for the TDU, specifically maximum and minimum temperature range, waste feed rate, residence time and air flow determined by the waste trial.
- 6.17 Automatic system alarms and/or trips shall be installed for relevant operating parameters such as temperature, pressure, thermal oxidizer temperature, fan/ air flow temperature, waste feed and condenser failure.
- 6.18 The following records shall be maintained at the Project:
- 1. Waste treatment verification results
 - 2. Operating logs
 - 3. Shutdown events
 - 4. Monitoring process parameters
 - 5. Emission monitoring results
 - 6. Failed batches and their re- treatment
- 6.19 The records outlined in **condition 6.18** shall be maintained and made available for inspection by the EPA upon request.
- 6.20 All treated material shall be cooled prior to transfer from the contained system in order to prevent fugitive releases and to ensure the temperature of the material is safely below the auto-ignition temperature of any potential residual volatile contaminants.
- 6.21 Reclaimed oil from the TDU **must be** stored within the oil recovery tank prior to reuse.
- 6.22 Records of all reclaimed oil collected or removed from the Project shall be

maintained and made available for inspection by the EPA upon request.

STORAGE, WASHING, SHREDDING, AND CRUSHING OF IBC TOTES & AND DRUMS

- 6.23 Discharge of untreated wastewater from the washing of drums and totes is **strictly prohibited**.
- 6.24 Standard Operating Procedures (SOPs) for the safe use of the Shredder and Drum Crusher shall be established and maintained on-site and made available for inspection by the EPA upon request.
- 6.25 Metals from the shredding and crushing process shall be collected or sent to an Authorised Scrap Metal Dealer for recycling.
- 6.26 Shredded plastic shall be stored for recycling in accordance with the Project Summary submitted to the EPA in **August 2023**.

7.0 WASH BAYS

- 7.1 The bases of the wash bays shall be elevated at a sloped angle to allow for effluent to be contained within the parameters of the wash bay operation.
- 7.2 The effluent shall be pumped **daily** from the wash bays into the wastewater treatment system to prevent the overflowing of effluent beyond the parameters of the wash bay operation.
- 7.3 The wash bay floor shall maintain an impervious surface.
- 7.4 Secondary containment shall be maintained around the wash bays. Secondary containment shall be impervious and provide 110% containment of the largest volume therein.

8.0 WATER QUALITY

- 8.1 Adhere to the provisions of the **Environmental Protection (Water Quality) Regulations, 2000**.
- 8.2 Untreated discharge of effluent from the Project into the surrounding environment is **Strictly Prohibited**.
- 8.3 E&P wastes shall be stored at least **5m** away from any drains on site.
- 8.4 Effluent from the treatment process shall be directed to the sump for additional mechanical or chemical treatment prior to final discharge.
- 8.5 Effluent discharge from the sump shall be in accordance with the Guyana National

Bureau of Standards (GNBS) *Interim Guidelines for Industrial Effluent Discharge into the Environment*. The following allowable limits shall not be exceeded:

Parameter	Daily Maximum Concentration	Units	Sample type	Frequency of Analysis
pH	(pH 5.0-9.0)		Grab	Bi-annually
Total Suspended Solids (TSS)	< 100	mg/L	Composite	
Total Petroleum Hydrocarbon (TPH)	< 40	mg/L	Composite	
Biological Oxygen Demand (BOD)	<50	mg/L	Composite	
Chemical Oxygen Demand (COD)	<250	mg/L	Composite	
Metal (Zinc)	<non-detect		Grab	

8.6 Samples of effluent shall be collected for analysis from the final discharge point of the sump.

8.7 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, 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

8.8 Effluent from the decontamination of transport vessels shall be directed to the sump for treatment prior to discharge.

8.0 NOISE QUALITY MANAGEMENT

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

8.2 Noise emissions shall be monitored at the Project's boundary biannually to determine compliance with **Guyana National Bureau of Standards (GNBS) Guidelines for Noise Emissions** into the Environment, not exceeding the industrial limits listed below:

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

8.3 Measurements shall be done with a calibrated Type 2 Noise Meter, at least 3.5 meters from any reflecting surface and 1.5 above ground. Records of each monitoring exercise shall be maintained and results submitted to the Agency as a component of the project's **Annual Report**.

8.4 All machines and equipment shall be serviced in accordance with the manufacturer's specifications to ensure efficiency and reduce the level of noise produced. A summarised maintenance report shall be submitted to the Agency as a component of the **Annual Report**.

8.0 WASTE MANAGEMENT

8.1 In accordance with the **Environmental Protection (Litter Enforcement) Regulations, 2013**, promote good sanitation and solid waste disposal practices on site. Covered garbage receptacles shall be placed upon impervious bases at strategic locations, both within and outside the facility.

8.2 Non-hazardous solid waste shall not be burnt on site. All solid waste shall be disposed at an approved Solid Waste Disposal Site, by an EPA Authorised Waste Disposal Company.

8.3 Good housekeeping, sanitary, and hygienic practices shall be maintained at all times. The facility's drains and surroundings shall be kept free of vegetation and litter.

8.4 Solid waste receptacles shall be secured when not in use.

8.5 Waste collection areas shall be kept clean. Dry methods shall be used when cleaning waste handling and disposal areas (e.g., sweeping, use of absorbents).

8.6 The Permit Holder shall construct and maintain a septic tank system on site 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*:

- i) The septic tank shall not be located within 1.5 meters of a building or property boundary;
- ii) septic tanks shall be installed with a sand and charcoal filter bed, or other appropriate design for further treatment; and
- iii) shall be accessible for cleaning and de-sludging.

8.7 Any modification to the Septic tank shall 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 Cleaning and de-sludging of the septic tank shall be done by an EPA Authorised waste management company.

9.0 ENVIRONMENTAL EMERGENCY RESPONSE MANAGEMENT

- 9.1 The Project shall be equipped with the following:
- i. An internal communications or alarm system capable of providing immediate emergency instruction to facility personnel.
 - ii. Portable fire extinguishers, fire control equipment (including special extinguishing equipment, such as that using foam, inert gas, or dry chemicals), spill control equipment, and decontamination equipment.
 - iii. Water at adequate volume and pressure to supply water hose streams, foam-producing equipment, automatic sprinklers, or water spray systems.
- 9.2 Standard Operating Procedures (SOPS) shall be maintained for inspecting and maintaining safety and emergency equipment, security devices, and operating and structural equipment that are important to preventing, detecting, or responding to environmental or human health hazards.
- 9.3 Aisle space shall be maintained at the Project to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of the facility in an emergency.
- 9.4 A Contingency Procedure/Plan shall be established and maintained for the Project. The Procedure shall include, but not be limited to:
- i. Procedures to be followed in the event of Plant malfunction.
 - ii. The actions facility personnel must take to respond to fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water at the facility.
 - iii. Systems for notification of national and local emergency response authorities
 - iv. The names and contact information of all persons qualified to act as emergency coordinators.
 - v. A list of all emergency equipment at the facility (such as fire extinguishing systems, spill control equipment, communications and alarm systems (internal and external), and decontamination equipment), where this equipment is required.
 - vi. An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary. This plan must describe signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes (in cases where the primary routes could be blocked by releases of hazardous waste or fires).
- 9.5 All employees shall be trained on the Contingency Plan outlined in condition 9.4.

10.0 COMPLIANCE MONITORING AND REPORTING

- 10.1 Notify the Environmental Protection Agency **within one (1) hour** of the occurrence of any environmental emergencies (e.g., oil spills, biohazardous materials/wastes spill, 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).
- 10.2 Monitor the implementation of the conditions of this Permit, insofar as they involve adherence by your employees and all third parties under your direction.
- 10.3 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.
- 10.4 Notify the Agency **within twenty-one (21) days** in the event of death, bankruptcy, liquidation, or receivership of the Permit Holder or if the Company becomes a party to an amalgamation.
- 10.5 Maintain and submit to the Agency records of the type, composition, and quantity of contaminant released (i.e., any solid, liquid, gas, odor, sound, vibration, radiation, heat, or combination of any of them).
- 10.6 Submit an **Annual Report** to the EPA on your compliance with this Permit on or before **March 31, of each year**.
- 10.7 Report to the Agency any non-compliance(s) with the Environmental Permit:
 - i. Within **twenty-four (24) hours** of the time the Holder of the Environmental Permit 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 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.
- 10.8 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.
- 10.9 It is the responsibility of the Permit Holder to ensure the permitted activity and premises are secured and that all practicable steps necessary to prevent fires, explosions, leaks, or suspected leaks and spills at the permitted premises are taken.

11.0 INSTITUTIONAL AUTHORITY/ LIABILITIES

- 11.1 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.
- 11.2 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.
- 11.3 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.
- 11.4 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 in 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.
- 11.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 6.3 and 6.4 of this Environmental Permit, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 11.6 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.
- 11.7 The Permit Holder shall be liable for 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.
- 11.8 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.
- 11.9 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.

- 11.10 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, the Environmental Protection (Amendment) Act, 2005, and Environmental Protection (Authorisations) Regulations, 2000.
- 11.11 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 offense 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.
- 11.12 The EPA has the right to modify, cancel, or suspend this Permit for breach of any of the terms and conditions contained herein.
- 11.13 **This Environmental Permit (Varied) is not the final consent; all relevant Permissions shall be obtained from other regulatory bodies for continued operation.**
- 11.14 This Environmental Permit (Varied) is effective for the period stipulated herein; **August 2021 to July 2026.**
- 11.15 This Environmental Permit (Transferred and Modified) shall remain valid until **July 31, 2026**, 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, Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.
- 11.16 This Permit shall be renewed by submitting a completed *Application Form for Renewal of Environmental Authorization* to the Agency at least six months before this Permit expires, that is, no later than **January 31, 2026.**
- 11.17 Any late submission of a renewal application 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 (GY\$2000.00) 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.
- 11.18 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

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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
Agency



on behalf of the Environmental Protection

Date

2023.08.24

NAME	MAHENDRA JETTOO
DATE	24 th August, 2023
SIGNATURE	
DESIGNATION	DIRECTOR

I hereby accept the above terms and conditions upon which this Operation Permit is granted and agree to abide by the Environmental Protection Act, Cap. 20:05, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, and any existing or forthcoming regulations, guidelines, best practices and standards made under this Act.

