PROJECT SUMMARY

Name of Project: Seafood Processing Facility

Name of Developer: BM Enterprise Inc

Contact Details: 592-227-8175, 592-623-0612

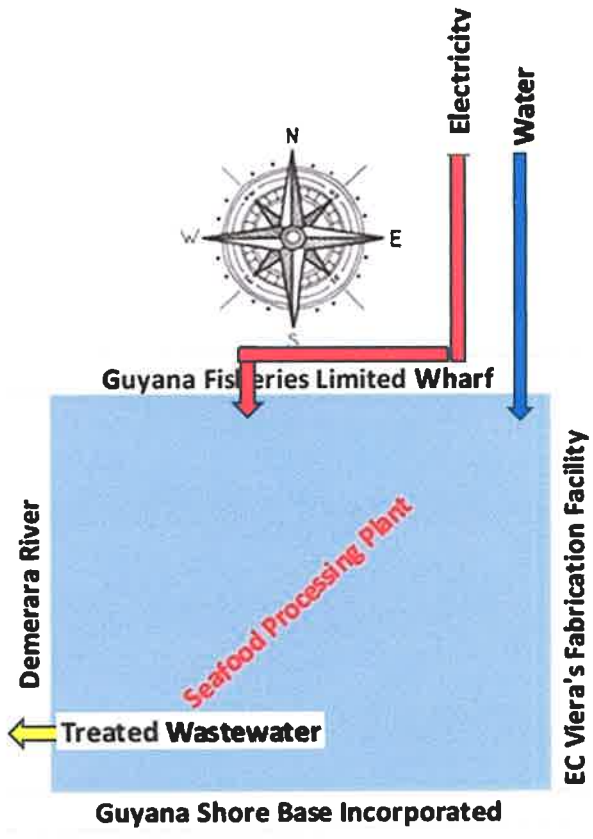
Date Updated: Friday 30th August 2024

Prepared by: Charles Browne – Project Co-ordinator

PROJECT DESCRIPTION

The project is a resuscitation of a previous one, which was acquired in 2000 via a long-term lease along with all of its ancillaries.

The abovementioned project is boundaried to the East, West, North and South by EC Viera's Fabrication Facility, the Demerara River, the Guyana Fisheries Limited Wharf and Guyana Shore Base Incorporated (GYSBI) respectively, as shown in the image below.



The project occupies an area of 5735 ft^2 and is not located in close proximity to any existing or proposed intake or discharge structures.

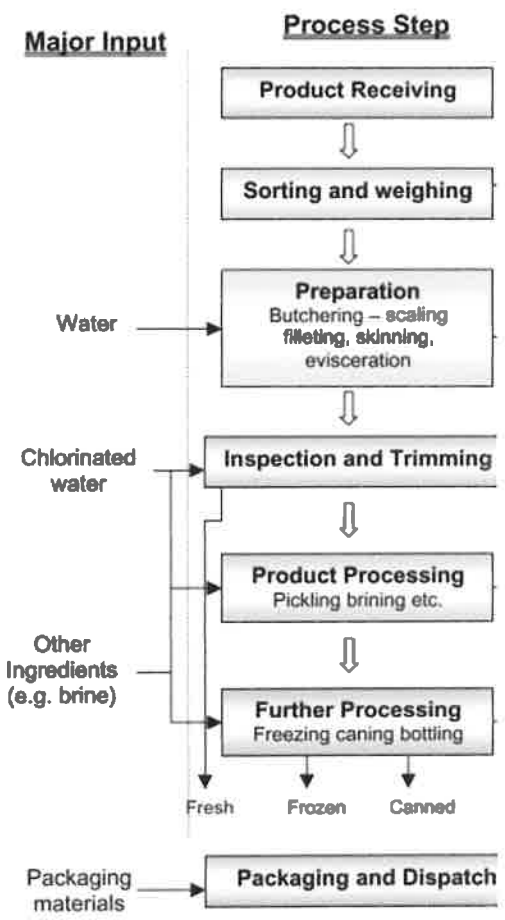
PROJECT DESIGN

Since the project is a resuscitation of one that has been in existence in excess of 3 decades, the issue of developmental stages will only involve rehabilitation and refurbishment as shown below:

Developmental Stages:

Stages	Description	Projected Cost (GYD)	Status
1	Floor Rehabilitation	$500,000.00	Completed
2	Ceiling Rehabilitation	$500,000.00	Completed
3	Epoxy Painting	$500,000.00	Completed
4	Electrical Installation	$1,000,000.00	In progress
5	Equipment re-installation	$1,000,000.00	-
Total		**$3,500,000.00**	

Operation and Production Processes:



Utilities:

The project consumes electricity produced from a generator room housing 4 engines, 1 of which is now being replaced, 1 is operational, 1 is on standby while the final and largest one is awaiting commissioning. The project also sources water from a company owned registered well.

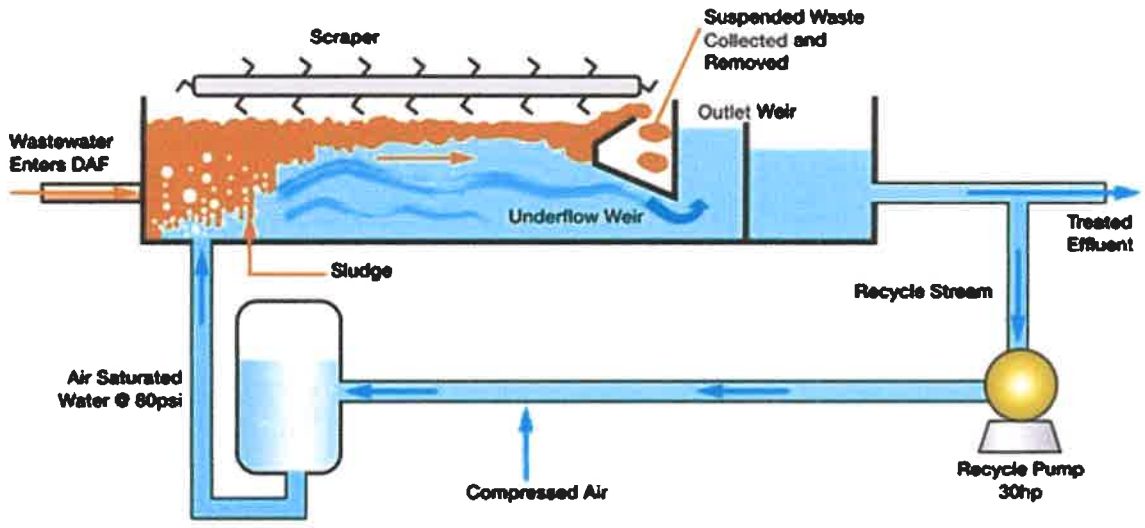
Waste Management:

The main waste that will be produced from this process are wastewater and seafood offal. These will be disposed of as described below:

For wastewater, the LAMOR containerized flotation system, or its equivalent, which is optimal for removing fish grease, oil residuals, nutrients, and other solid particles will be used. The system is already in use in Guyana and are fast and easy to deploy and offer cost effective and energy efficient methods to treat waste streams.

It should be noted here however, that a study done approximately 2 decades ago, when Guyana was seeking to become EU certified in seafood production and export, had concluded that fish fragments and particles were quite beneficial to marine plant and animal life in salt water river systems. Notwithstanding this revelation, the above-mentioned system will still be implemented

Operating Principle



For offal, the method would be, as far as is practicable, to freeze and give, free of charge, to pig farmers to convert into fishmeal for incorporation into pig feed.

For construction and domestic waste, the general disposal method was, is and will continue to be placing in bins, of which we have 4, periodically transloading their contents into a company owned enclosed truck, and disposing of it at the Eccles Landfill site. Scrap metal will not be disposed of, but rather stored and repurposed, as is the company's norm. It must be noted that the construction/refurbishment phase has been completed and all waste, with the exception of scrap metal, has already been disposed of at the Eccles Landfill site.

PROJECT SIZE

The project requires no capital expenditure with the exception of the LAMOR wastewater disposal system which is projected to cost 6,500.00 USD. It will employ 4 persons for each stage of the operation plus 2 supervisors, giving a total of 30 persons. The project is expected to process 10,000 lbs of seafood per day.

NON-TECHNICAL DESCRIPTION OF PROJECT

The project is miniaturized version of one that had existed at the same site in excess of 3 decades. It will involve the buying, processing, packaging and sale of seafood products, mainly fish and prawns, using its own electricity and water supplies.

PROJECT DURATION

Based on the length of the lease, the project is expected to remain operational for the next 60 years,

POTENTIAL ENVIRONMENTAL IMPACT OF PROJECT

Based on the project's location and scale, and the area being an industrial one, the potential impact on the environment will be minimal and negligible.

PLANS TO MITIGATE POTENTIAL ENVIRONMENTAL IMPACT OF PROJECT

Despite the minimal and negligible potential environmental impact of the project, the exhaust systems of all engines in the generator room are fitted with mufflers to supress noise. Smokestacks or exhaust pipes of the requisite height and orientation are already in place to dissipate exhaust fumes. For wastewater and offal, there will be strict adherence to extant recycling/treatment/disposal methods as mentioned above.

G.M. ENTERPRISE INC.
GUYANA FISHERIES LTD WHARF HOUSTON E.B.D.
Sig.

PROJECT SUMMARY

Name of Project: Fuel Storage Facility

Name of Developer: BM Enterprise Inc

Contact Details: 592-227-8175, 592-623-0612

Date prepared: Thursday 25th April 2024

Prepared by: Charles Browne – Project Co-ordinator

B.M. ENTERPRISE INC.
Sig:
GUYANA FISHERIES LTD WHARF HOUSTON, E.B.D

Environmental Protection Agency
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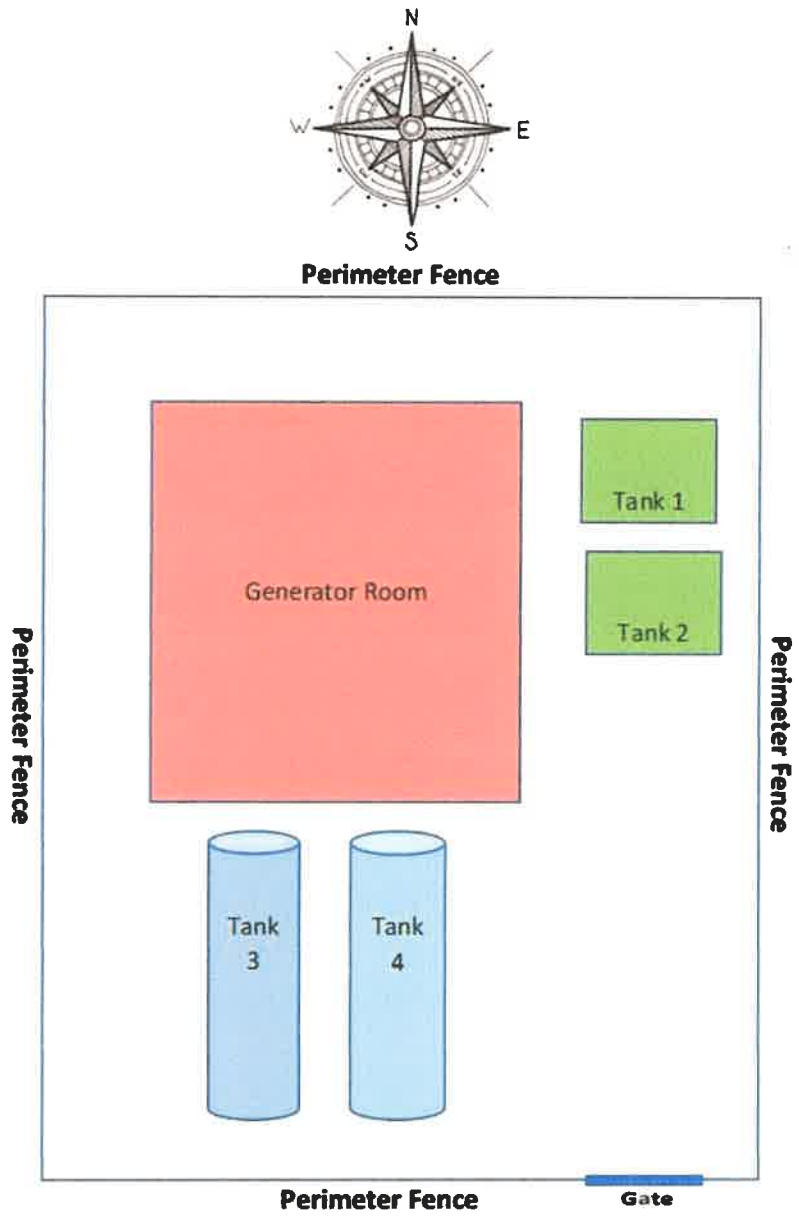
CENTRAL REGISTRY

PROJECT DESCRIPTION

The project, which is an existing one, was acquired in 2010 via a long-term lease along with all of its ancillaries, which included a generator compound and it attendant fuel tanks for which, a fuel storage license is now being sought.

The abovementioned generator compound is boundaried to the East, West, North and South by EC Veira;s Fabrication Facility, the Demerara River, Meadow Bank Fish Port and Guyana Fisheries Limited Wharf respectively, as shown in the image below.



The project occupies an area of 54,332 ft^2 and is not located in close proximity to any existing or proposed intake or discharge structures.

PROJECT DESIGN

Since the project is an existing one that has been in existence in excess of 2 decades, the issues of developmental stages, operation and production processes as well as that of alternatives are not applicable in this instant. The project neither consumes utilities nor discharges any effluent. The generator room houses 4 engines, 1 of which is scrapped, 1 is operational, 1 is on standby while the final and largest one is awaiting commissioning. The room currently produces approximately 5 gallons of waste engine oil per 1000 hours of operation and this oil is filled into 5-gallon plastic bottles, tightly sealed and delivered to the attendants of the Eccles Landfill Site.

PROJECT SIZE

The project, being an existing one, requires no capital expenditure but employs 3 persons for 7 days per week and presently produces 323 kilowatts of power per day.

NON-TECHNICAL DESCRIPTION OF PROJECT

The project is not a new or proposed one but rather an existing one in which a generator room supplies reliable and stable power to BM Enterprise Inc's cold storage facility, water pumps and office equipment.

PROJECT DURATION

Based on the length of the lease, the project is expected to remain operational for the next 60 years,

POTENTIAL ENVIRONMENTAL IMPACT OF PROJECT

Since the project consumes and discharges no utilities and effluents respectively, the effect on soil, water, flora and fauna will be negligible. The project however emits noise which can affect nearby activities by reducing perception and focus, and exhaust fumes which can affect the air quality of areas situated downwind of the project.

PLANS TO MITIGATE POTENTIAL ENVIRONMENTAL IMPACT OF PROJECT

The exhaust systems of all engines in the generator room are fitted with mufflers to supress noise. Smokestacks or exhaust pipes of the requisite height and orientation are already in place to dissipate the environmental impact of exhaust fumes.