

PROJECT SUMMARY:

Laydown / Outdoor Storage Yard for Non-Hazardous Materials

SUBMITTED TO:

Industry and Waste Management
Environmental Protection Agency Guyana
Ganges Street, Sophia
saliqazaman0@gmail.com

ATTN: Ms. Saliqa Zaman

April 28, 2021

SUBMITTED BY:

Waynewright Owen Verwey
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Georgetown, Guyana.
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Developer: **Waynewright Owen Verwey (20210315-WHNHM)**

Project: **W1 Houston Inc.**

Location: **Block W1, Plantation Houston, Greater Georgetown**

Application Submitted on: **March 15, 2021**

The Developer applied to the Agency for an Environmental Authorisation to construct and operate a Non-Hazardous Material Storage Facility for the purposes of the storage of imported equipment, parts and tools which will be transferred to offshore Oil and Gas Operations.

The current application will be processed for Operation of the Project since the verification inspection confirmed that aside from an existing fence and drain, no other construction will be required for the project. Nevertheless, loaders and rollers will be used to apply loam and crush and run on the base of the project. As such, there will be a potential for dust and noise to be emanated from the project during this land preparation phase.

The main environmental concern of the operation of the Project is the noise that will be generated from the transportation vehicles and from when the equipment, tools and parts are being packed. However, there will be no effluent discharge nor air emissions originating from the Project.

Further, the project was applied to the EIA Study checklist tool and scored a total 242 points which is below the EIA Study required threshold of 872 points. It should also be noted that the Facility has submitted to the Agency, Full Zoning Approval from the Central Housing and Planning Authority.

In this regard, it was determined that the project does not require an Environmental Impact Assessment Study and shall be placed on the 30 days EIA Not required public notice. In light of the aforementioned, it is requested that a **30 Days Public Notice** be published for the proposed project.

Environmental tool required for this project is **an Environmental Response Preparedness Plan.**

W1 Houston Inc.
Waynewright Owen Verwey
Block W1, Plantation Houston, East Bank Demerara
Storage of Equipment, Parts and Tools
Verification Visit

Legend

- GPS location



6 46 58.4 N 58 10 2.93 W

Demerara River

Google Earth

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North arrow pointing up with the letter 'N' below it.

Scale bar labeled "2000 ft".

2. A description of the site which should include the area of influence (spatial and temporal boundaries), location, land requirements (area occupied), layout, identification of receiving water(s), the present land use of the project area and the areas contiguous to it and the location of any existing or proposed intake and discharge structures and the location of any discharge. This information should also be presented on maps.

The site is located at Block "W1" is an area of 1.6 Acres as recorded by the Guyana Lands and Surveys Commission (GL&SC) on Plan No. 65446. The previous land use is abandoned cane field.

The site is accessed by the McDoom road, opposite Gafoors Complex and bordered by Muneshwears Container Yard on the East and North. The West boundary according to GL&SC is a 13 feet reserve for access to GPL high power lines but is currently occupied by squatters blocking access.

The proposed land use will see most of the land as open space except for work accommodation structure, 2 X 4ft container offices and security huts.

Please see photo and site plan below

3. The project design including: - Activities associated with all development stages from construction to closure: operation and production processes and alternatives considered e.g. provide a guide for all stages of the project from raw material to the finished product. - Source of utility services such as water supply and treatment, energy/electricity and communication, facilities, etc. - Waste management details which should include types of waste and methods of waste disposal/treatment.

As a Laydown / Open Storage Yard, there is no production processes.

Construction involves spreading sand clay (loom) and crusher run gravel on top of compacted sand. The site is already fenced and has perimeter drain.

Energy will be provided by GPL and water from GWI. There will be hardwired telephone and internet connection during operations. All such services currently exist in the location to neighboring properties.

Waste is expected mainly from staff (paper, food etc.) and will be stored in covered waste bins for 2 to 3 weekly removal by commercial waste services companies. A portable washroom facility will be used by staff and will be suctioned cleaned 2 to 3 times weekly.

Please see photo and site plan below

4. The project size, e.g. capital investment, number of employees projected for each stage of the project, rates of production, etc.

The project involves an investment of over \$115 million in investment to prepare the site for operations and will employ between 3 to 12 employees during operations: a combination of HSE staff, lifting equipment operators, labourers, security, and administrative staff.

5. A non-technical explanation of the project (a summary of what the project is about in layman language).

The project involves receiving and storing in open space: - vehicles, heavy equipment, machines, and associated accessories and, Pipes, including HDPE and Steel pipes, and associated components and fittings.

6. The duration of the project (for each phase).

The preparation of the land should take approximately 14 days and the operations should last no less than 5 years.

7. Potential effects on the environment which may result from the existence of the project i.e., land, soil, water, air, the use of natural resources, etc. A brief description of each potential effect.

Noise – Will be created from vehicle movement and some lifting activities. However, this is extremely limited as it will only occur when things move about 5 to 7 times in the day or about 12 times at peak operations. This currently happens at the facilities north of the property line without notice to anyone.

Dust – Some dust movement will occur with vehicle movement however the land will be completely compacted with crusher run at top material to minimize this. If need be, water sprinklers will be used.

Air – There will be emissions from the vehicles and equipment in operations, forklift, crane, vehicle etc. All certified equipment to ensure compliance and minimal impact.

Water – No water will be used other than for human needs and where necessary, sprinkling.

8. Proposed plans to mitigate environmental impacts.

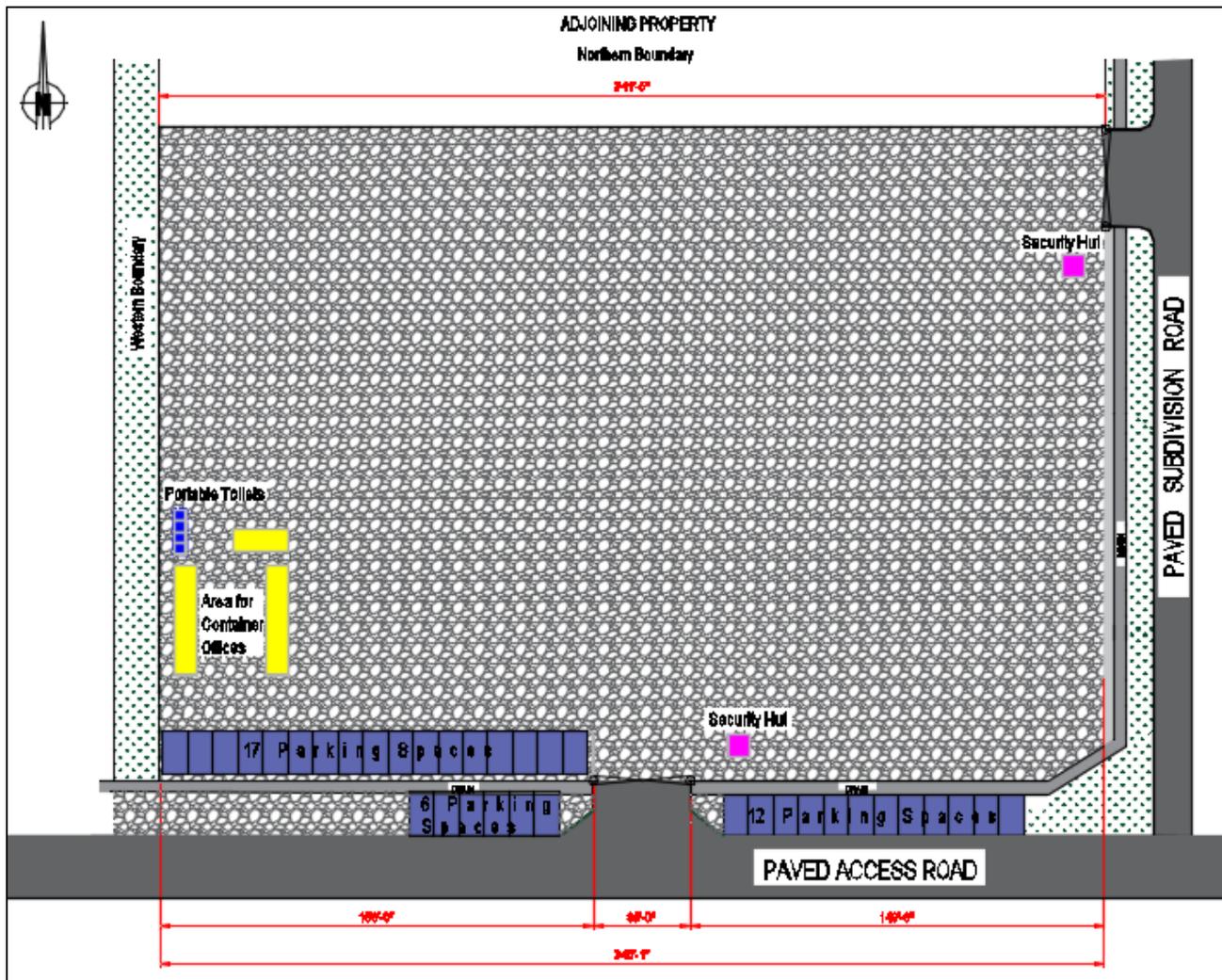
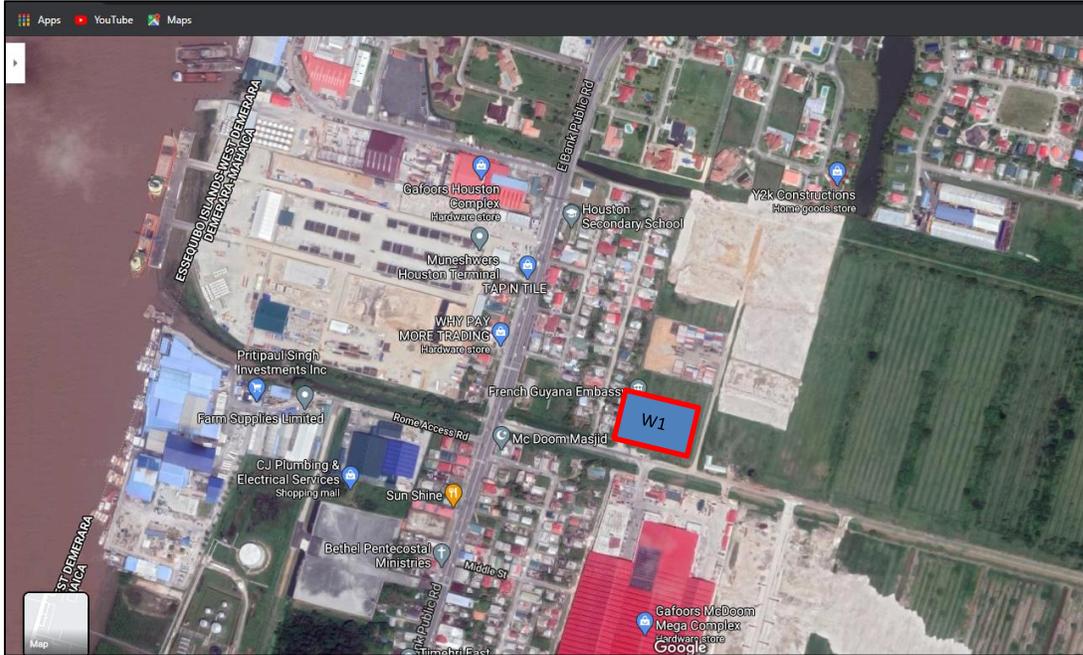
Noise – All equipment and vehicles will be certified and compliant with oil and gas standards to ensure minimum noise impact. Similar activities currently happen at the facilities north of this property line without notice to anyone.

Dust – The land will be completely compacted with crusher run at top material (6 Inches) which will minimize this as no vehicle is traversing at speed over 5mph and minimal vehicles on the site. If need be, water sprinklers will be used.

Air – All certified equipment will be used to ensure compliance and minimal impact. No storage is likely above 16ft and this will be the rare occasion.

Water – No water will be used other than for human needs and where necessary, sprinkling. All rainwater and drainage water will be stored in drains for movement to main canal. A back stopper (flap) is built onto main pipe leading to main canal to minimize canal water coming into main drains.

Project Location



Site showing land use immediately beyond boundary.



Looking West and North -



Looking East and South

