

**APP-00779**

**GOREANGAB WATERFRONT SERVICE STATION  
ENVIRONMENTAL MONITORING SUMMARY REPORT  
14 FEBRUARY 2017 TO 29 FEBRUARY 2020**



**Compiled by:**




**Compiled for:**

**True-Gem Investments CC**

**March 2020**



<b>Project</b>	<b>GOREANGAB WATERFRONT SERVICE STATION ENVIRONMENTAL MONITORING SUMMARY REPORT: 14 FEBRUARY 2017 TO 29 FEBRUARY 2020</b>	
<b>Report Version/Date</b>	Final Feb 2020	
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<b>Report Approval</b>	 <small>André Faul Lead Consultant Environmental Monitoring Report</small> André Faul	

I Bradley Doane Basson acting as the representative of True-Gem Investments CC, hereby confirm that we approve the Environmental Monitoring Report as presented in this document. All material information in the possession of the proponent that reasonably has or may have bearing on the report was provided to the consultant.

Signed at Windhoek on the 06<sup>th</sup> day of March 2020.

  
True-Gem Investments CC

CC/2011/1971

Company Registration Number / ID



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## 1 INTRODUCTION

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True-Gem Investments CC obtained an environmental clearance certificate on 08 October 2013 for the construction and operations of a fuel retail facility on erf 77 GG, Eveline Street, Goreangab in Windhoek. The original environmental clearance certificate was renewed in 2017 and the renewed document was issued on 14 February 2017. The facility, known as Goreangab Waterfront Service Station, has three underground storage tanks of 46 m<sup>3</sup> each. One stores unleaded petrol and two diesel. During the validity of the environmental clearance certificate, typical tasks associated with fuel retail facilities were performed. This mainly involved the receipt of fuel from road tankers, storage of fuel in underground storage tanks and dispensing of fuel to clients. Daily tank dips and fuel volume reconciliations are conducted and the site is also cleaned and maintained regularly.

This report provides a summary of all monitoring during the period 14 February 2017 to 29 February 2020.

## 2 PLANNING PHASE

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The following planning phase results are based on the requirements of the EMP.

### 2.1 Compliance

The facility has an environmental clearance certificate (Appendix A) and an existing petroleum retail licence as issued by the Ministry of Mines and Energy, Directorate Petroleum Affairs (Appendix B).

### 2.2 Appointments

All employment contracts (employees and contractors) are available on file.

### 2.3 Management

The health, safety and environmental (HSE) coordinator for the facility is Edwin Basson. The appointed site manager for the duration of reporting was Genevieve M. Agnew. During the monitoring period the HSE and manager ensured that:

- ◆ The facility continues to adhere to South African National Standards (SANS) as prescribed by the Petroleum Products Act.
- ◆ All personal protective equipment (PPE) requirements were clearly stipulated to contractors and personnel entering the site.
- ◆ The contact details of all emergency services were displayed in a visible and easily accessible location at the facility.
- ◆ The facility has a Health and Safety Management System as well as complies to the Environmental Management System of the fuel supplier, Puma Energy Namibia.

### 2.4 Restoration Fund/Insurance

Insurance for spill clean-up typically lies with the petroleum supply company.

## 3 OPERATIONAL PHASE

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The following operational phase monitoring are based on the requirements of the EMP.

### 3.1 Employment

Goreangab Waterfront Service Station employs 60 people all of whom are Namibian citizens. They are 37 male employees and 23 female. The employee base is responsible for various tasks ranging from the pump attendants to the shop personnel and management.

### 3.2 Skills, Technology & Development

Where new staff were appointed, on-the-job training was, and continue to be, provided for day to day tasks. All specialist work are outsourced to established contractors where the necessary skills is not available internally. Training is provided to ensure safe operations.

### **3.3 HIV/AIDS**

Social responsibility forms part of the on-the-job training which includes informative talks. Personnel are encouraged to maintain a healthy lifestyle.

### **3.4 Traffic**

No traffic related incidents were reported and no complaints from the surrounding community were received. On average 16 tanker trucks visit the site monthly for fuel deliveries.

### **3.5 Fire**

No fire related incidents occurred during the monitoring period. Fire extinguishers are placed at strategic locations throughout the facility and within easy reach of pump attendants. Firefighting equipment are serviced or replaced according to the prescribed intervals. A register of servicing of equipment is available on file. Emergency shutoff systems are in place to minimize the risk of fire.

### **3.6 Health, Safety and Security**

All employees are provided with the required PPE and safe equipment handling training (ongoing in-service training). No health and safety related incidents occurred during the validity of the ECC. No threats to the security of the premises occurred.

### **3.7 Visual**

No complaints were received from the surrounding community regarding the aesthetic appearance of the site.

### **3.8 Air Quality**

The storage tanks are properly vented and some vapours are released during filling. However, the vents are situated in such a way that limits air quality deterioration. No air quality related complaints were received.

### **3.9 Noise**

Fuel retail facilities are operational 24 hours a day, seven days a week. Some noise are produced as a result of vehicles accessing and leaving the site. No noise related complaints were received from the surrounding community.

### **3.10 Waste**

All domestic waste was regularly collected and discarded at an approved waste disposal facility by the Municipal waste collection services. No hazardous waste was produced that required disposal and no complaints were received from the surrounding community regarding any waste related impacts such as bad odours, windblown waste items such as paper, or unsightly (e.g. overflowing) waste bins.

### **3.11 Groundwater, Surface Water and Soil Contamination**

The facility is approximately three years old and was built to SANS standards with the proper composite tanks with inspection holes in the tank pits. No fuel spills leading to groundwater or surface water contamination occurred during the monitoring period. Where minor spills, such as during overfilling of a vehicle occurred, the fuel was prevented from reaching sensitive receptors by the concrete slabs with drains leading to an oil water separator. Such spills were also cleaned as soon as possible. Regular tank dips and fuel volume reconciliation were performed. No significant losses that may indicate a fuel leak were detected.

### **3.12 Ecological**

The facility is located in a disturbed urban setup. No extraordinary animal sightings were made during the monitoring period. Nesting of birds are actively discouraged.



## **4 MAINTENANCE PHASE**

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No significant maintenance other than day to day maintenance activities were performed for the reporting period. Some construction activities related to the installation of grid tied photovoltaic panels on the roof by an external contractor.

## **5 DECOMMISSIONING PHASE**

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No decommissioning activities were performed for the reporting period.

## **6 CONCLUSION**

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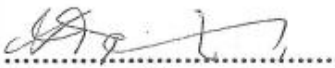
For the duration of the validity of the environmental clearance certificate, normal operations associated with a fuel retail facility continued. No known significant fuels spills or health and safety related incidents occurred. No complaints were received from neighbours or community members during the reporting period. Goreangab Waterfront Service Station has a Health, Safety and Environmental Management system in place to ensure potential impacts of the facility is prevented or mitigated.

It is recommended that the environmental management plan be considered for improvement of environmental monitoring processes and that record is kept of all training provided. This can be in the form of signed attendance sheets for regular toolbox talks, firefighting training, first aid classes, etc.

## Appendix A: Environmental Clearance Certificate

 <b>REPUBLIC OF NAMIBIA</b>	
<b>MINISTRY OF ENVIRONMENT AND TOURISM</b>	
<p>Tel: (00 26461) 264 2111 Fax: (00 26461) 229 936</p> <p>E-mail: <a href="mailto:johannes.hambia@met.gov.na">johannes.hambia@met.gov.na</a></p> <p>Enquiries: Mr. J. Hambia</p>	<p>Cnr Robert Mugabe &amp; Dr Kenneth Kaunda Street Private Bag 13306 Windhoek Namibia</p> <p style="text-align: right;">14 February 2017</p>
<b>OFFICE OF THE ENVIRONMENTAL COMMISSIONER</b>	
<p>Attn. Bradley Basson True-Gem Investment cc P. O Box 50088 Windhoek Namibia</p> <p>Dear Sir or Madam</p> <p><b>SUBJECT: ENVIRONMENTAL CLEARANCE CERTIFICATE FOR THE PROPOSED PUMA ENERGY FUEL RETAIL FACILITY ON ERF 77, EVELINE STREET, WINDHOEK, KHOMAS REGION</b></p> <p>The Environmental Management Plan submitted is sufficient as it made an adequate provision of the environmental management concerning proposed activities. From this perspective, regular environmental monitoring and evaluations on environmental performance should be conducted. Targets for improvements should be established and monitored from time to time.</p> <p>This Ministry reserves the right to attach further legislative and regulatory conditions during the operational phase of the project.</p> <p>On the basis of the above, this letter serves as an environmental clearance certificate for the fuel retail facility to proceed. However, this clearance letter does not in any way hold the Ministry of Environment and Tourism accountable for misleading information, nor any adverse effects that may arise from this project activity. Instead, full accountability rests with True-Gem Investment cc and its consultants.</p> <p>This environmental clearance is valid for a period of 3 (three) years, from the date of issue unless withdrawn by this office.</p> <p>Yours sincerely,</p> <div style="display: flex; align-items: center;">  <div style="text-align: center;">  </div> </div> <p><b>Teofilus Nghitila</b> <b>ENVIRONMENTAL COMMISSIONER</b></p> <div style="text-align: right; padding-right: 50px;">  </div> <p style="text-align: center; font-weight: bold; font-size: 1.2em;">“Stop the poaching of our rhinos”</p> <p style="text-align: center; font-size: 0.8em;">All official correspondence must be addressed to the Permanent Secretary</p>	

## Appendix B: Fuel Retail Licence

		
<b>MINISTRY OF MINES AND ENERGY</b> <b>PETROLEUM PRODUCTS AND ENERGY ACT, 1990</b> <b>PETROLEUM PRODUCTS REGULATIONS (2000)</b> <b>RETAIL LICENCE</b> [Regulation 5(4)]		
<b>RETAIL LICENCE</b>		<b>Licence No.</b> R/433/2014
<b>Name of licence-holder</b>	Tru-Gem Investments CC 2011/1971	
<b>Address of licence-holder</b>	<b>Physical Address</b>	<b>Postal Address</b>
	Erf 77 GG, Goreangab Windhoek Namibia	P.O Box 50088 Bachbrecht Windhoek Namibia
<b>Name of Retail Outlet</b>		<b>Goreangab Waterfront Service Station</b>
<b>Name of Supplying Wholesaler</b>		<b>Puma Energy Namibia (Pty) Ltd</b>
<b>Premises to which licence relates</b>		Erf 77 GG S 22° 31' 30"
<b>Conditions applicable to licence</b> <i>See overleaf of page for general and special conditions applicable to licence.</i>		
<b>Date of issue of licence</b>		<b>22 July 2014</b>
<b>Issued by the Minister of Mines and Energy in terms of regulations 5(4), on</b> 22 July 2014 at Windhoek		
 <b>Minister: Mines and Energy</b>		