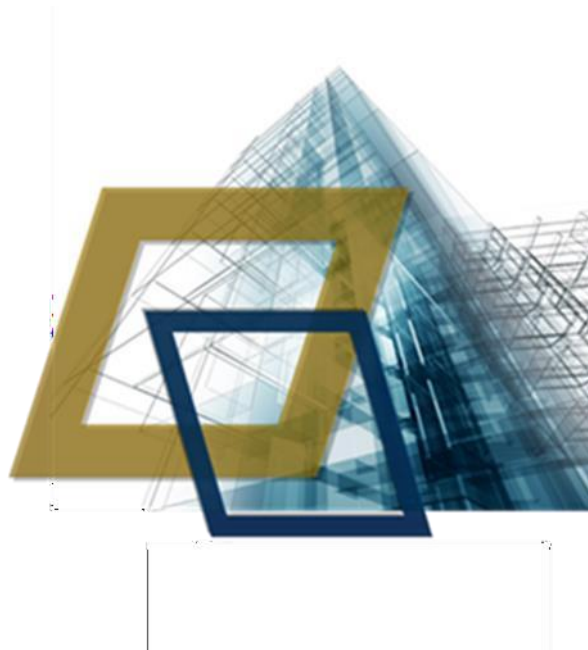


**WATER USE LICENCE APPLICATION FOR THE EXISTING  
SHELL DOWNSTREAM SOUTH AFRICA (PTY) LTD  
ROCKY'S DRIFT TERMINAL LOCATED IN ROCKY DRIFT,  
NELSPRUIT WITHIN MBOMBELA LOCAL MUNICIPALITY,  
MPUMALANGA PROVINCE (DWS REF NO. WU29506)**

## **BACKGROUND INFORMATION DOCUMENT**

**December 2023**



## 1 CONTENT AND PURPOSE OF THIS DOCUMENT

This Background Information Document (BID) has been designed to provide all potential stakeholders with a concise overview of the Water Use Licence Application for the Shell Downstream South Africa (Pty) Ltd (Shell DSA) Rocky's Drift Terminal as well as the associated steps/process to be undertaken. In addition, this document seeks to provide stakeholders with information relating to the way in which stakeholders can raise any issues concerning the project.

The compilation and distribution of this BID have been completed as part of the Public Participation Process for the project.

This BID also provides the stakeholders with the opportunity to:

- Register as Interested and Affected Parties (I&APs) or stakeholders in order to be kept informed about further progress and opportunities to participate in the project; and
- Raise any concerns or comments they may have regarding the project. Your comments will ensure that all issues of concern are incorporated and addressed.

Furthermore, the document advises how you can become involved in the project, receive information and/or raise issues, which may concern and/or be of interest to you. The sharing of information forms the basis of the stakeholder consultation and offers you the opportunity to become actively involved in the project from the outset.

## 2 PROJECT BACKGROUND AND DESCRIPTION

Shell Downstream South Africa (Pty) Ltd (SDSA) Rocky Drift Terminal operates as a petroleum storage and handling facility. SDSA Rocky Drift Terminal generates wastewater (effluent) and stormwater runoff (from the site), and runoff flows are separated into three (3) streams; namely Accidentally Contaminated (AC), Continuously Contaminated (CC), and Clean Rainwater (CR). The streams are segregated at collection and discharged via a piped system to the appropriate discharge point (i.e. First Flush basin, two (2) oil-water separator pits located within the site and eventually to the municipal sewer and/or municipal stormwater system). In addition, SDSA Rocky Drift Terminal is operating within 500m of a wetland located west and south of the site.

Shell DSA is committed to conduct their business as a responsible corporate citizen, to comply with applicable legislations and regulations, to support fundamental human/labour rights in line with the South African laws, and to give proper attention to health, safety, security and the environment, as these are the basic fundamentals for Shell DSA business operations. To this end, Shell DSA continues to reduce the environmental impact of its operations, products and services.

Shell DSA has appointed Mamadi and Company SA (Pty) Ltd (Mamadi) to undertake Water Use Licence Application (WULA) for Shell DSA Rocky's Drift Terminal to obtain Water Use Licence and ensure compliant with the National Water Act (Act 36 of 1998), as amended (NWA). The WULA is for the existing operations and/or activities, thus, no new activities/developments are proposed/planned for the

Terminal.

Shell DSA Rocky's Drift Terminal receives fuel via railway and road tankers, which is then distributed via road tankers to the retail sites after being dispensed at the loading gantries. The fuels stored at Shell DSA Rocky's Drift Terminal include 95 Octane Unleaded Petrol (ULP95), as well as 50 parts-per-million (ppm) diesel. Firefighting foam and the fuel additives are also stored on site. A small section of the Shell DSA Rocky's Drift Terminal is leased to Easigas and gas cylinders are stored on that section (area).

The activities that take place at Shell DSA's Rocky's Drift Terminal include:

- Fuel and additive storage (50 ppm diesel, ULP95, 50 ppm diesel and additives)
- Gas storage;
- Fuel handling;
- Fuel transport (sub-contracted);
- Spill management, when applicable;
- Foam storage;
- Administration;
- Unplanned emergencies or incidents threatening human health or the environment; and
- Effluent and stormwater management.

### 3 STUDY AREA / SITE DESCRIPTION

Shell DSA Rocky's Drift Terminal is located in Portion 0 of Erf 331 of Rocky Drift Ext 1, approximately 10 km north of Nelspruit, within the Mbombela Local Municipality in the Mpumalanga Province (GPS Coordinates: 25°22'43.46"S, 30°58'46"E). The Terminal is bordered by other industries (such as a water factory, a metalworks factory, a meat distributor and a heavy machinery manufacturer) to the North and East, and a tributary of the Sand River as well as open veld to the South and West.

The project area falls within quaternary catchment X22F of the Inkomati Water Management Area (WMA). Refer to **Figure 2**, **Figure 3** and **Figure 4** for the locality, layout and surface water maps for Shell DSA Rocky's Drift Terminal respectively.

### 4 LEGAL FRAMEWORK

Shell DSA Rocky's Drift Terminal's existing operations/activities trigger water uses in terms of Section 21 of the NWA. As such, a WULA process is required to authorise the identified water uses. Refer to **Table 1** for the applicable water uses.

The licensing authority for the WULA process is the Department of Water and Sanitation (DWS).

Table 1: Listed Activities Triggered including possible Listed Activities

The relevant Government Notice:	Water Use	Applicability to the Project
NWA, 36 of 1998, 20 August 1998	Section 21 (g): disposing of waste in a manner which may detrimentally impact on a water resource.	Collection of effluent from the site into the First Flush basin, two (2) oil-water separator pits located within the site and eventually to the municipal sewer and/or municipal stormwater system
NWA, 36 of 1998, 20 August 1998	Section 21 (c): impeding or diverting the flow of water in a water course.	Operation of the Shell DSA Rocky's Drift Terminal within 500m of a wetland.
The relevant Government Notice:	Water Use	Applicability to the Project

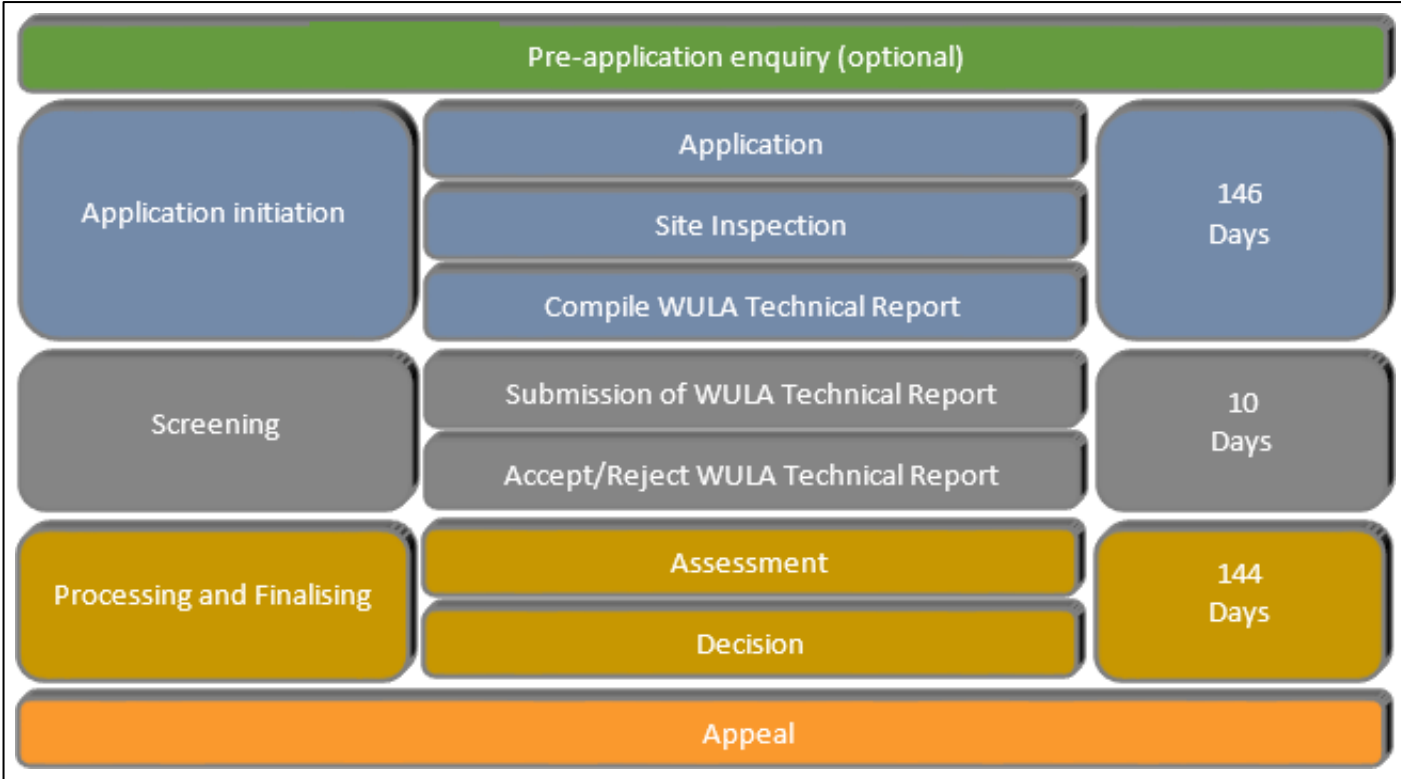
NWA, 36 of 1998, 20 August 1998	Section 21 (j): altering the bed, banks, course or characteristics of a water	Operation of the Shell DSA Rocky's Drift Terminal within 500m of a wetland.
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## 5 WATER USE LICENCE APPLICATION PROCESS

One of the means of ensuring that NWA is implemented, is the authorisation of water use as defined in Chapter 4 (Section 21) of the NWA. The online Water Use Licence Application and Authorisation System (e-WULAAS) is used as a tool to facilitate the authorisation and manage the authorisation of water use. The WULA process is as summarised in **Figure 1**.

In summary, the WULA requires the following supporting documents/processes:

- Completion of WULA forms per water use;
- Section 27 Motivation;
- Specialist Studies/Reports as per DWS' requirement;
- Water Use Technical Report; and
- Public Participation Process (PPP).



**Figure 1: WULA Process**

### 5.1 Public Participation Process

Public participation ensures that the WULA process is fair, open and transparent. It also provides stakeholders and I&APs with the background information about the project and allows them an opportunity to comment and/or raise any issues they may have regarding the

project. The PPP is designed to provide sufficient and accessible information to I&APs and stakeholders in an objective manner in order to assist them to:

- Raise issues of concern and make suggestions for alternatives (where applicable) and enhanced benefits;
- Verify that their issues have been captured and considered; and
- Comment on the WULA.

- Compilation of Comments and Response Report (CRR);
- Conducting Focus Group Meeting with key stakeholder/landowners; and
- WULA review and comment for a period of 60 days.

Public participation is an integral part of the WULA process and aims to involve I&APs in the process by notifying them of the process. Key PPP activities include:

- Identification of I&APs and development of stakeholder database;
- Notification of I&APs through advertisements in newspapers and placement of site notices (posters);
- Development of a BID (this document) for distribution to I&APs;
- Recording and collation of I&AP correspondence received (verbal and written);
- Responses to all I&APs who submit a verbal or written comment and/or issue regarding the project

### **How Can You Become Involved?**

The following steps should be followed by the stakeholders and/or I&APs to become actively involved and/or kept on stakeholder database and to receive further information regarding the project:

- Complete and return the registration and comment form (last page on this BID);
- Write a letter, telephone or e-mail the public participation consultant at the details provided; and
- Providing comment on the WULA during the relevant commenting periods provided.

## **6 COMMENTS AND QUERIES**

Please direct all comments, queries or issues to:

**Siphesihle Sithole or Hulisani Netshisaulu or Given Nkosi**

Mamadi and Company

First Floor Softbrand

House, Thandanani

OfficePark

16 Invicta Road,

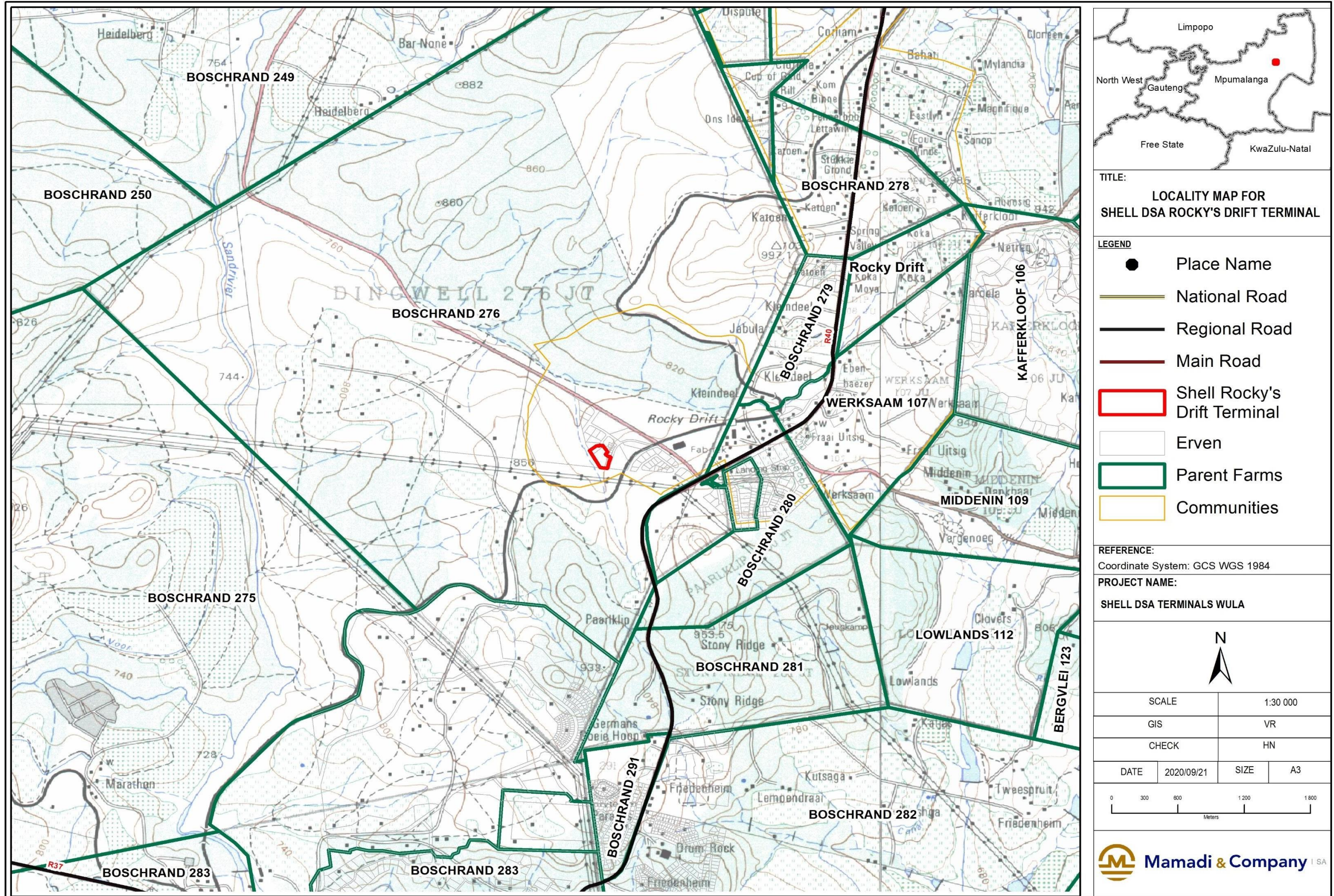
Midrand

**Tel:** 011 532 8659 | **Fax:** 011 532 8400

**Cell:** 071 197 9320 / 072 606 4102 / 061 476 7868

**E-mail:** [siphesihle@mamadi.co.za](mailto:siphesihle@mamadi.co.za) | [hulisanin@mamadi.co.za](mailto:hulisanin@mamadi.co.za) | [given@mamadi.co.za](mailto:given@mamadi.co.za)

7 MAP OF PROJECT LOCATION



TITLE:  
**LOCALITY MAP FOR SHELL DSA ROCKY'S DRIFT TERMINAL**

**LEGEND**

- Place Name
- National Road
- Regional Road
- Main Road
- Shell Rocky's Drift Terminal
- Erven
- Parent Farms
- Communities

REFERENCE:  
Coordinate System: GCS WGS 1984

PROJECT NAME:  
**SHELL DSA TERMINALS WULA**



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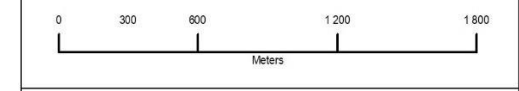


Figure 2: Locality Map for Shell DSA Rocky's Drift Terminal

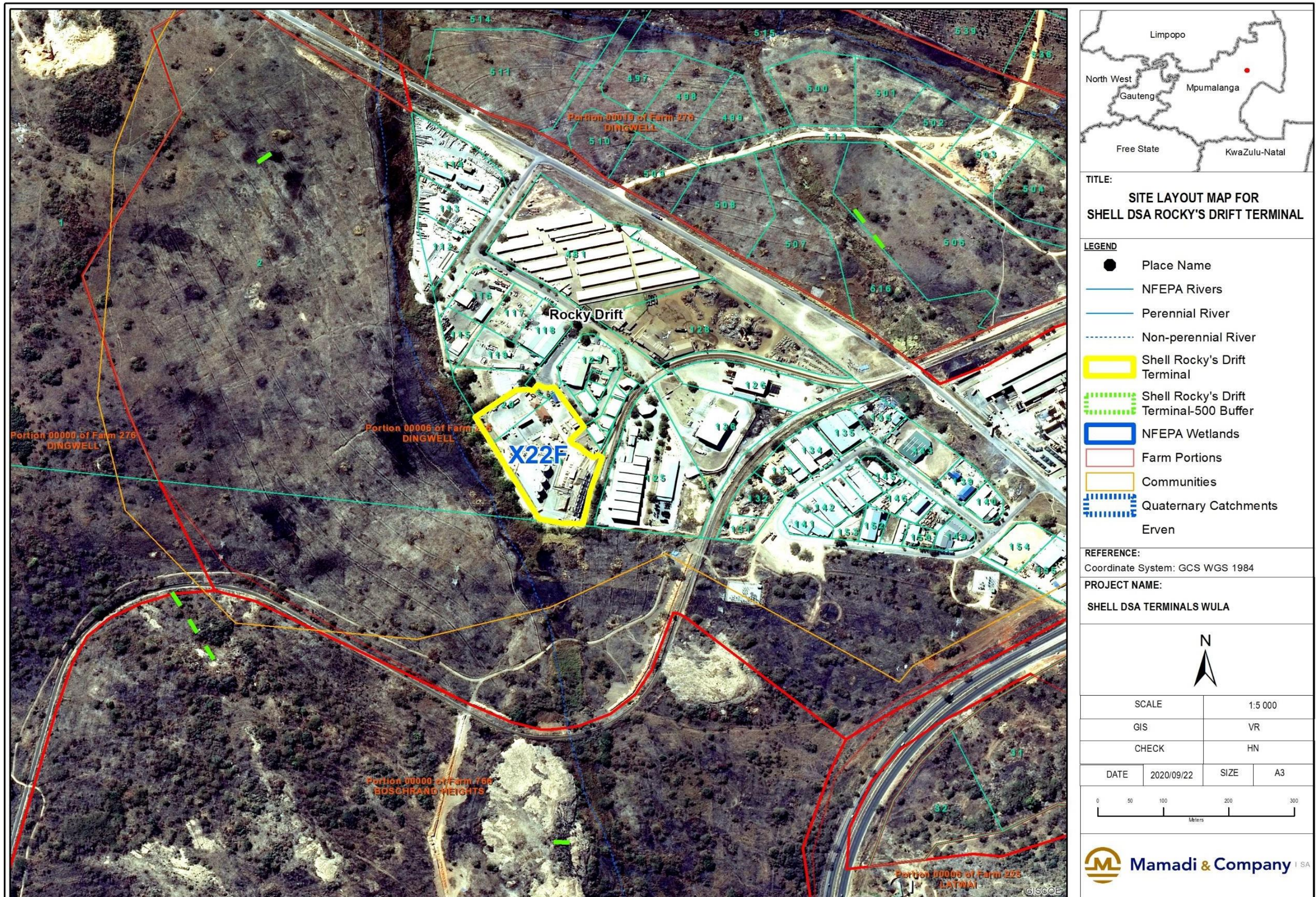
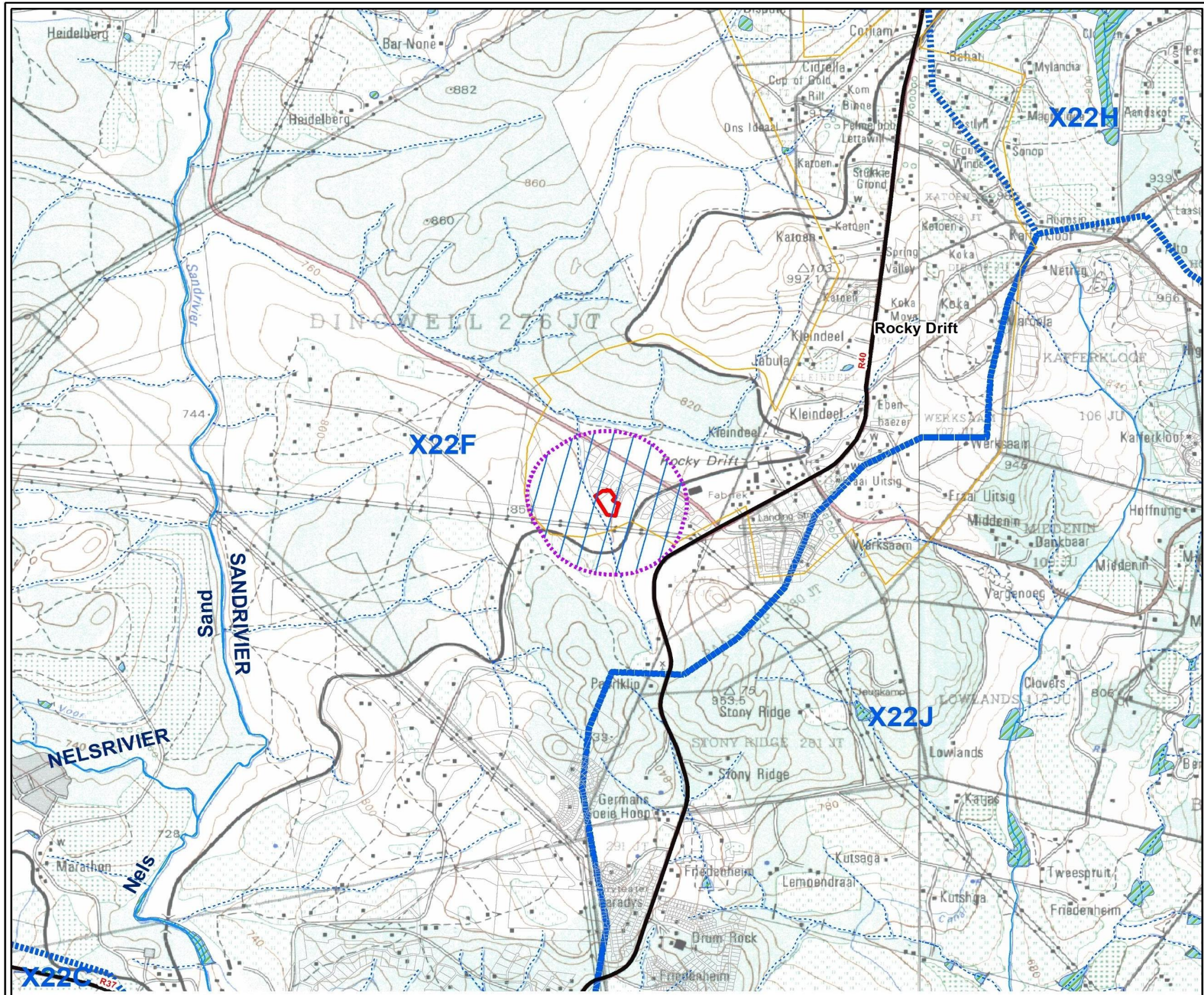


Figure 3: Site Layout Map for Shell DSA Rocky's Drift Terminal



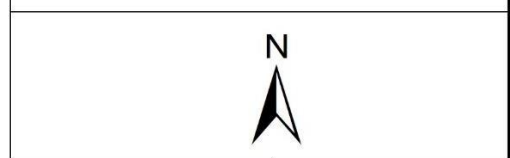
TITLE:  
**SURFACE WATER MAP FOR  
 SHELL DSA ROCKY'S DRIFT TERMINAL**

**LEGEND**

- Place Name
- National Road
- Regional Road
- Main Road
- NFEPA Rivers
- Perennial River
- Non-perennial River
- Shell Rocky's Drift Terminal-500 Buffer
- Shell Rocky's Drift Terminal
- NFEPA Wetlands
- Waterbodies
- Erven
- Communities
- Quaternary Catchments

REFERENCE:  
 Coordinate System: GCS WGS 1984

PROJECT NAME:  
**SHELL DSA TERMINALS WULA**



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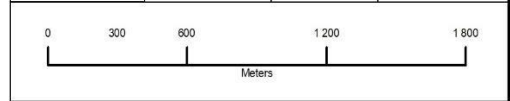


Figure 4: Surface Water Map for Shell DSA Rocky's Drift Terminal

