

REF: 342HIA

17 October 2018

Att: Mr Andrew Salomon

Archaeological Heritage Impact Assessor
South African Heritage Resources Agency
PO Box 4637
Cape Town
8000

By email: asalomon@sahra.org.za

Dear Mr Salomon,

**REQUEST FOR EXEMPTION FROM A HERITAGE IMPACT STUDY: DEVELOPMENT OF
NATURAL GAS PIPELINE, WADEVILLE, JOHANNESBURG EAST, GAUTENG
PROVINCE.**

Introduction

This letter constitutes a notification of intention to construct a natural gas pipeline, Wadeville Johannesburg East, Gauteng Province.

PGS Heritage has been contacted to evaluate the possible heritage impacts by the proposed gas pipeline and determine if a heritage impact assessment will be required.

Project description

Energy Group (Pty) Ltd have been appointed by Consol Glass (Pty) Ltd to develop a natural gas pipeline for their plant in Wadeville. This project involves running a 150 mm diameter pipeline for 2.54 km connecting the plant to the Sasol transmission line. The pipeline will lie between 1 and 3 m below ground and will be transporting natural gas at a pressure of 35 bar.

Description of the receiving environment

The study area is situated within a developed, semi-urban, semi-industrial area. The proposed pipeline itself is situated approximately 1km north of the Wadeville residential area, 4.5km southwest of Boksburg and approximately 4km southeast of Germiston (**Figure 1**). The study area has been heavily developed and it is clear that the proposed pipeline will be running through an industrial sector (**Figure 2 & Figure 3**).

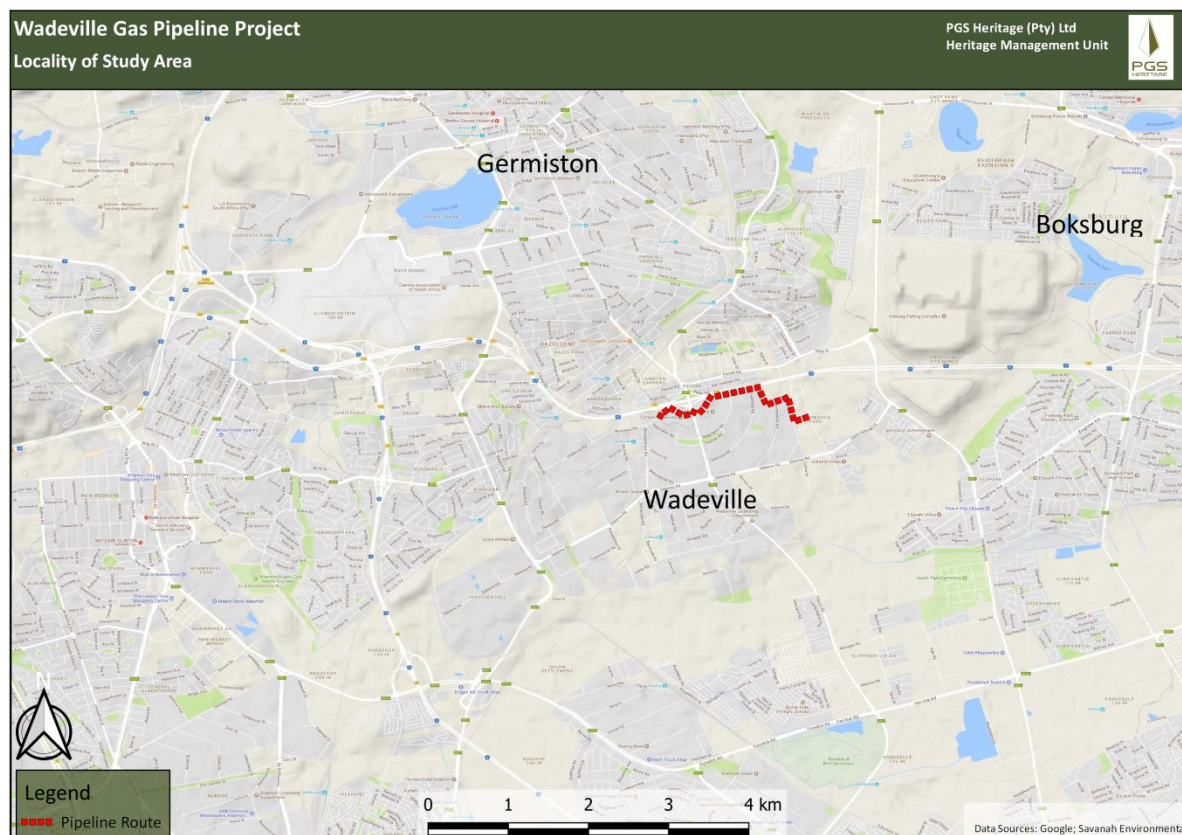


Figure 1 – Locality of study area



Figure 2 – Beginning of proposed pipeline location. The pipeline will run along either side of the road that poses the least impact



Figure 3 – The end of the proposed pipeline, in a dense industrial area just outside of Consul Glass factory

Heritage potential

The site is heavily disturbed due to dense development and heavy industrialization of the area. Referring to **Figure 5**, **Figure 6** and **Figure 7**, one can see that the area where the proposed pipeline falls remained largely undeveloped until the 1950s with no indication of prior structural features. After which time, the area experienced a boom of heavy development. One can see that the pipeline is proposed to run directly adjacent to a

cemetery at the start of its route. The cemetery seems to have been existence since at least the late 1930s.

While the rest of study area has been heavily developed and holds no potential heritage value, the municipal cemetery is of high significance (**Figure 8, Figure 9**). My only concern is that while the construction of the pipeline will be relatively unobtrusive, there is a portion of the north-western wall of the cemetery that has collapsed, exposing graves to the street right next to them (**Figure 10**).

No historic, Iron Age or Stone Age heritage sites were noted during the site visit undertaken on 28th September 2018.



Figure 4 – Track Logs and heritage sites from the survey undertaken on 28th September 2018

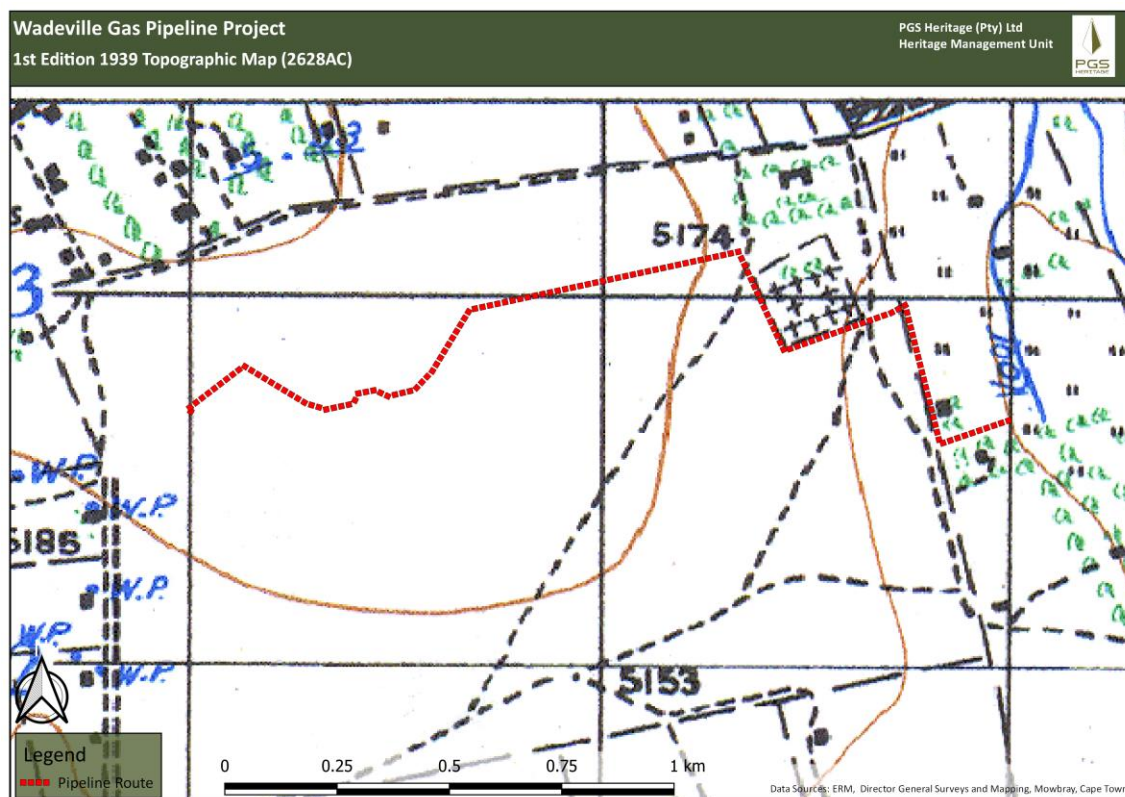


Figure 5 – 1st Edition 1939 Topographic Map (2628AC)

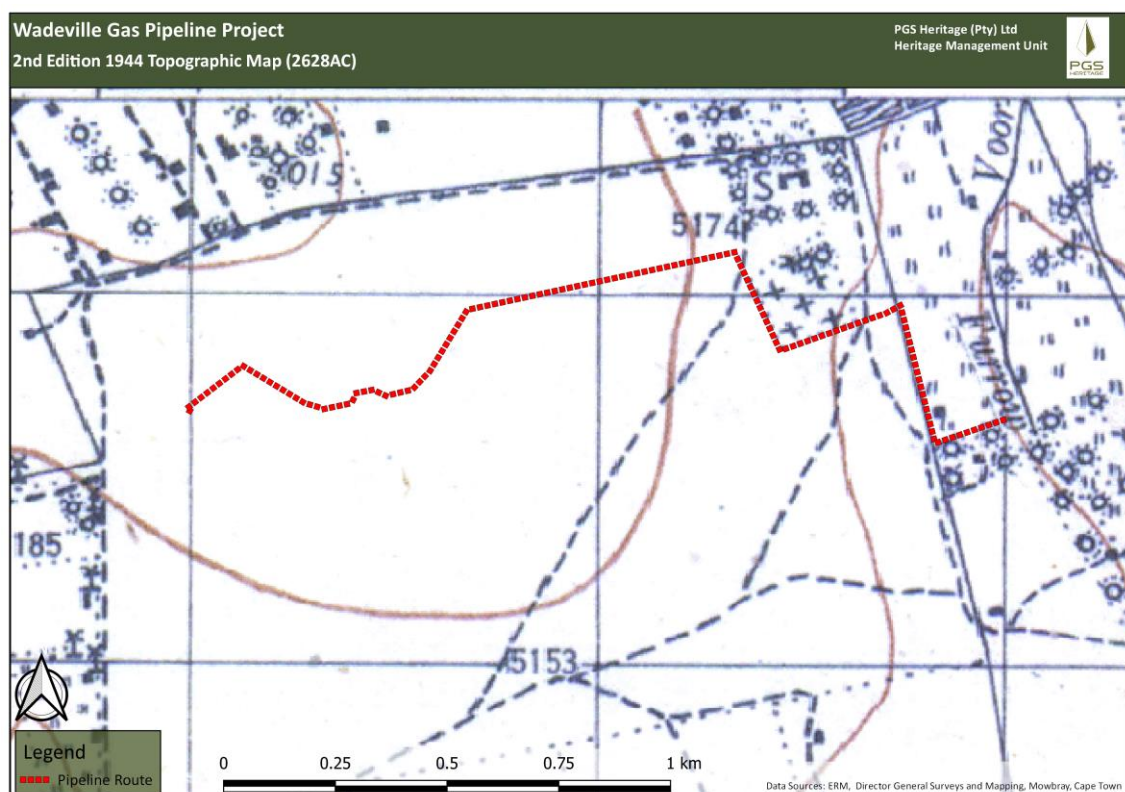


Figure 6 – 2nd Edition 1944 Topographic Map (2628AC)

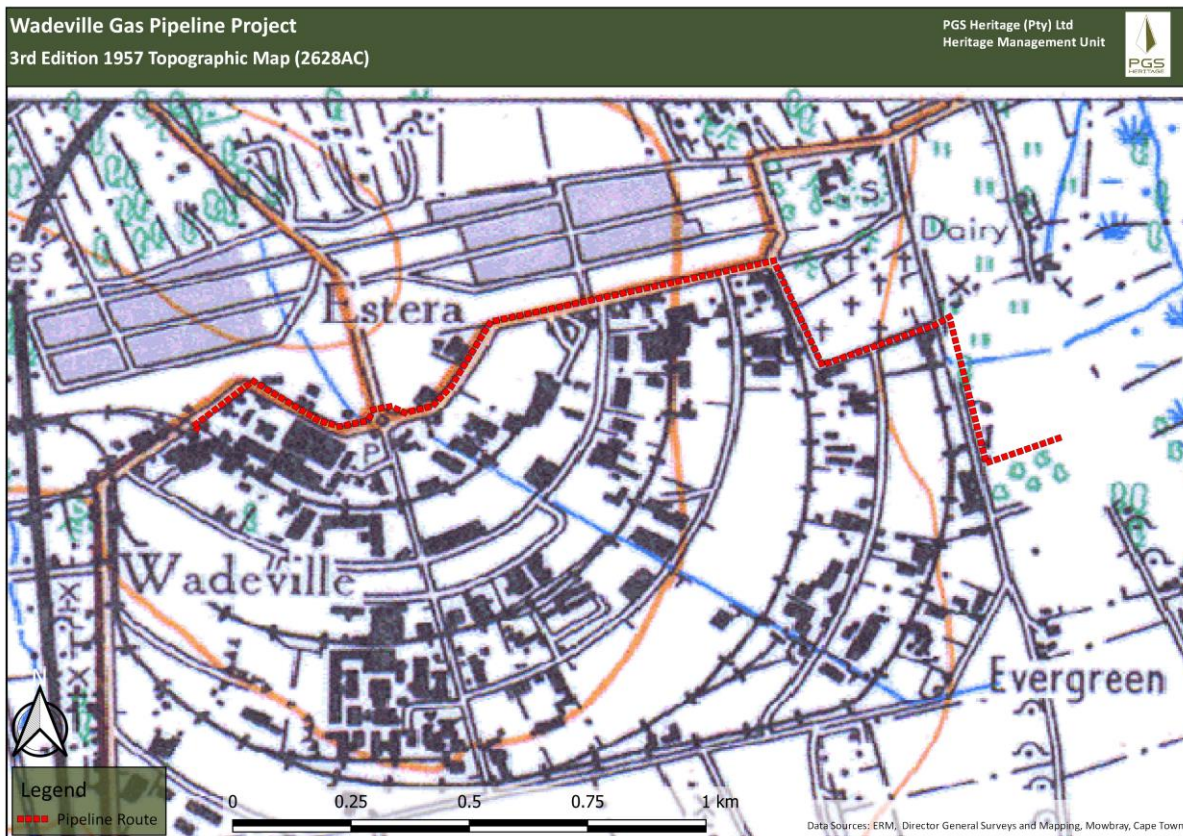


Figure 7 - 3rd Edition 1957 Topographic Map (2628AC)



Figure 8 – The municipal cemetery at site WAD001



Figure 9 – Example of grave dating to 1939



Figure 10 – View of partially destroyed wall on the north-western edge of the cemetery

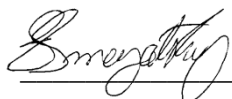
Conclusions and Recommendations

With regard to the proposed process, the following recommendations are made:

1. No further heritage impact assessment of the study area is required.
2. Considering the delicate nature of the north-western section of the cemetery, specific recommendations are required:
 - a. A temporary construction barricade must be erected along the perimeter of the damaged portion of the wall whilst construction activities are in progress at this portion of the proposed pipeline route.
 - b. A buffer of at least 3m must be implemented between the damaged portion of the cemetery wall while construction activities are taking place near it. Any soil from trenching may be placed within this buffer area, if necessary, while construction activities are taking place.
 - c. Should the client not be able to uphold the recommendations stated in **a & b**, then it is recommended that the proposed pipeline rather be constructed on the opposite side of the road when construction activities are encroaching on the damaged portion of the cemetery wall. If this option is chosen, then the recommendations stated in **a & b** need not apply.
3. In the unlikely event of any unmarked human burials, burial pits, potsherds or stone tools being uncovered during earthworks for the proposed development, these must be reported immediately to the South African Heritage Resources Agency (Mr Andrew Salomon (021 362 2535)).

Should you have any queries, please contact Ilan Smeyatsky (email: ilan@pgsheritage.co.za; Tel: (012) 332 5305).

Yours Sincerely

A handwritten signature in black ink, appearing to read 'Ilan Smeyatsky', written over a horizontal line.

Ilan Smeyatsky

Accredited Professional Archaeologist (ASAPA)

Archaeologist - PGS Heritage