

NOTIFICATION OF INTENT TO DEVELOP

DEA Pending

Reference:

Digby Wells JAW 2291

Reference:

NOTICE OF INTENT TO DEVELOP FOR ATCOM AND TWEEFONTEIN DRAGLINE RELOCATION PROJECT

1 INTRODUCTION

Digby Wells Environmental (hereafter Digby Wells) has been requested by Jones & Wagener Consulting Civil Engineers (J& W) to submit a Heritage Statement for ATCOM and Tweefontein Dragline Relocation Project.

1.1 Project Location

Name of property	Impunzi Colliery
Erf or farm numbers	Vandyksdrift 19IS Steenkoolspruit 18IS Klipplaat 14IS Kleinkopje 15IS Tweefontein 13IS
Coordinates of approximate centre of project area	-26.069156 29.242260
Nearest Town	Witbank (± 17 km north)
Responsible Municipality	eMalahleni Local Municipality
Extent of property	15287.29 ha
Maximum extent of proposed development	87.83 km (linear)
Current use	Mining activities

Predominant land use/s of surrounding properties	Mining activities
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1.2 Registered Owner of Affected Properties

Table 1-1: Registered Owner of Steenkoolspruit 18IS and Van Dyksdrift 19IS

Company:	Xstrata South Africa (Pty) Ltd / Ingwe Surface Holdings Ltd
Contact Person:	Pravin Chetty
Tel no:	013 687 8210
Fax no:	013 690 5068
Postal address:	Private Bag x7265, Witbank, 1035

Table 1-2: Registered Owner of Klipplaat 14IS, Kleinkopje 15IS and Tweefontein 13IS

Company:	Xstrata South Africa trading as Glencore
Contact Person:	Allen Butcher
Tel no:	0136863561
Fax no:	013 655 2338
Cellular no:	083 304 8520
E-mail address:	Allen.Butcher@glencore.co.za
Postal address:	Private Bag x7265 Witbank 1035

2 PROJECT/DEVELOPMENT DETAILS

Xstrata Coal South Africa (XCSA) is currently mining their Steenkoolspruit Pit forming part of the ATCOM Opencast Mining area using a Bucyrus Erie dragline. Once the Steenkoolspruit Pit has been mined out it the dragline will be relocated to a new opencast pit. At present it is considered to relocate the dragline to one of the following three mining areas:

- River West Pit forming part of the ATCOM Mining area;
- Van Dyksdrift South Pit - forming part of the ATCOM Mining area; and
- South East Pit forming part of the Tweefontein Mining area.

XCSA is also investigating the possibility of purchasing a dragline from Kleinkopje Colliery. Should this option realise the Kleinkopje dragline will be relocated to the Tweefontein mining area and the ATCOM dragline to either the River West Pit or the Van Dyksdrift South Pit.

2.1 NHRA Section 38 Triggers

The following activities may require a HIA in terms of Section 38 of the NHRA.

NHRA Section 38 (1) Activities / Triggers		Summary description (E.g. 500 m conveyor belt, open cast pit, etc.)	
<input checked="" type="checkbox"/>	a	Any linear development or barrier >300 m	Construction of draglines
<input type="checkbox"/>	b	Any bridge or similar structure >50 m	
<input type="checkbox"/>	c	Any development or activity that will change the character of a site:	
<input type="checkbox"/>	i	≥5 000m ² in extent	
<input type="checkbox"/>	ii	Involving ≥3 existing erven/subdivisions	
<input type="checkbox"/>	iii	Involving ≥3 or more erven/divisions consolidated within past 5 years.	
<input type="checkbox"/>	d	Rezoning of a site ≥10 000m ² in extent.	
<input checked="" type="checkbox"/>	e	Other triggers, e.g.: in terms of other legislation, (i.e.: National Environment Management Act, etc.)	NEMA application

2.2 Activities

The following Listed Activities will require a HIA in terms of Section 38(1) of the NHRA.

Government Notice (GN)	NEMA Activity No.	NHRA Trigger	Description	Expected duration/phase
R544	22 (ii)	38(1)(a)	The construction of a road or other similar form of linear development exceeding 300 m in length.	Construction phase
R544	24	38(1)(c)	Any development or other activity which	Construction

Government Notice (GN)	NEMA Activity No.	NHRA Trigger	Description	Expected duration/phase
			will change the character of a site ii) involving three or more existing erven or subdivisions thereof;	phase

2.3 Additional Impact Assessment Process

The following impact assessment processes are currently being undertaken for the proposed project.

Legislation, i.e. NEMA, MPRDA, etc.	NEMA
Consenting Authority that has/will receive information	DEA
Present phase of process at Authority, e.g. Draft Scoping Report	Draft Scoping Report/ Basic Assessment Report

3 IDENTIFIED/KNOWN HERITAGE RESOURCES AND POTENTIAL IMPACTS

The following categories of heritage resources as defined in Section 3 of the NHRA are known to occur within the proposed project area.

<input type="checkbox"/>	3(2)(a)	Places, buildings, structures and equipment of cultural significance <i>Description of resource:</i> <i>Potential impact:</i>
<input type="checkbox"/>	3(2)(b)	Places to which oral traditions are attached or which are associated with living heritage <i>Description of resource:</i> <i>Potential impact:</i>
<input checked="" type="checkbox"/>	3(2)(c)	Historical settlements and townscapes <i>Description of resource:</i> Historical farmsteads and structures (mine shaft) <i>Potential impact:</i> Possible destruction and/or damage to historical structures on the properties through ground clearance and construction



<input type="checkbox"/>	3(2)(d)	Landscapes and natural features of cultural significance
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input type="checkbox"/>	3(2)(e)	Geological resources of scientific or cultural importance
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input checked="" type="checkbox"/>	3(2)(f)	Archaeology and/or palaeontology (Including archaeological sites and material, fossils, rock art, battlefields & wrecks)
		<i>Description of resource:</i> Stone Age lithics and Iron Age ceramics
		<i>Potential impact:</i> Possible destruction and/or alteration of subsurface archaeological and palaeontological resources and unknown resources through ground clearance and construction
<input checked="" type="checkbox"/>	3(2)(g)	Graves and burial grounds (eg: ancestral graves, graves of victims of conflict, historical graves & cemeteries)
		<i>Description of resource:</i> Burial grounds and graves
		<i>Potential impact:</i> Possible destruction and/or damage to known and unknown graves on the properties through ground clearance and construction
<input type="checkbox"/>	3(2)(a)	Other human remains
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input type="checkbox"/>	3(2)(h)	Sites of significance relating to the history of slavery in South Africa
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input type="checkbox"/>	3(2)(i)	Movable objects
		<i>Description of resource:</i>
		<i>Potential impact:</i>

3.1 Illustrative Material

For maps, please refer to the attached Heritage Statement.

4 RECOMMENDATION

Is a Heritage Impact Assessment required?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<p>If NO, provide motivation: The project area has undergone substantial transformations and development. Any heritage resources within the project will not be preserved <i>in situ</i>. A Watching Brief should be conducted and Chance Finds Procedures should be put in place if any heritage resources are identified during construction.</p>			
<p>If YES, provide suggested components that may be required or undertaken during HIA.</p>			
<input type="checkbox"/>	Archaeology	<input type="checkbox"/>	Architecture
<input type="checkbox"/>	Built Environment	<input type="checkbox"/>	Burial Grounds and Graves
<input type="checkbox"/>	Palaeontology	<input type="checkbox"/>	Public Participation
<input type="checkbox"/>	Townscapes	<input type="checkbox"/>	Visual Impact
<input type="checkbox"/>	Other:		
<p>Recommendation made by: Digby Wells Environmental Name: Natasha Higgitt and Johan Nel Capacity: Archaeology Consultant and HRM Unit Manager</p>			