

MEETING NOTES

199 Bryanston Drive
Bryanston
2191

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www.wspgroup.com
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Job Title	Proposed Installation of Sulphur Dioxide Abatement Equipment at Mortimer Smelter
Project Number	31101
Date	14 March 2017
Time	10:00 – 11:00
Venue	Mortimer Smelter, Union Section
Subject	Proposed Installation of Sulphur Dioxide Abatement Equipment at Mortimer Smelter – Bojanala District Municipality Pre-Application Meeting
Client	Anglo American Platinum Limited
Present	See Attached Attendance Register (Appendix A)
Apologies	None
Distribution	As per the Attendance Register

ACTION

1.0 WELCOME AND INTRODUCTIONS

- 1.1 Anri Scheepers thanked the Bojanala District Municipality (BDM) for the opportunity to meet with them to discuss the Proposed Installation of Sulphur Dioxide Abatement Equipment at Mortimer Smelter.
- 1.2 A round of introductions was done, including:
- BDM – Thapelo Mathekgga
 - NWREAD – Iketleng Monyeki
 - Anglo American Platinum Limited – Gerrit van De Linde, Dustin van Helsdingen, Faith Mugivhi and Rirhandzu Sekhula
 - WSP | Parsons Brinckerhoff, Environment & Energy, Africa (WSP | Parsons Brinckerhoff) – Anri Scheepers
- 1.3 Anri Scheepers mentioned that the presentation (**Appendix B**) would be attached to the minutes together with the attendance register (**Appendix A**).

2.0 PROJECT BACKGROUND

- 2.1 Anglo American Platinum Limited (Anglo) owns and operates the Mortimer Smelter, which is located at the Union Section (RPM-US). The Mortimer Smelter is an existing metallurgical industrial furnace where sulphide ores are smelted.
- 2.2 The off- gas from Mortimer Smelter is currently being treated via 3 electrostatic precipitators (ESPs); exhaust from the ESPs is vented into the atmosphere via a stack at 80m above the ground. The emissions include particulate matter (PM), SO₂, and nitrogen oxide (NO_x).
- 2.3 The National Environmental Management Air Quality Act (No. 39 of 2004) (NEM:AQA) requires that furnaces at metallurgical industries be operated with efficient SO₂ abatement systems by 2015, however Mortimer Smelter has been given an extension until 2020. In order to comply with new South African legislation, and associated more stringent emission standards, an SO₂ abatement system must be installed at the Mortimer Smelter.
- 2.4 The proposed strategy to reduce SO₂ to achieve the Minimum Emission Standards (MES) is the installation of a Wet Gas Sulphuric Acid (WSA) Plant that will convert the SO₂

contained in the off-gas into commercial-grade concentrated sulphuric acid (H₂SO₄). The exhaust from the WSA plant (containing reduced SO₂ concentrations) will be vented into the atmosphere, and the commercial grade sulphuric acid will be temporarily stored before being despatched into the commercial market.

ACTION**3.0 AIR QUALITY ACTIVITIES**

3.1 It was queried whether Subcategory 2.3: Sulphur Recovery Units of GNR 983 (22 November 2013) could be applicable to the application.

3.2 Subsequent to the meeting it was confirmed that Anglo American Platinum Limited and the Department of Environmental Affairs (DEA) reached a consensus that none of the activities specified in Categories beside Category 4: Metallurgical Industry are applicable to their operations. As such Subcategory 2.3 will not be applicable.

4.0 DOCUMENTATION SUBMISSION




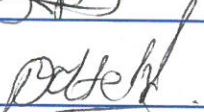
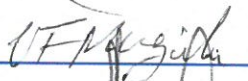


4.1 It was agreed that 1 Hard copy of all documentation will be submitted to the BDM.

WSP

Appendix A – Attendance Register

ATTENDANCE REGISTER

Project: Proposed Installation of Sulphur Dioxide Abatement Equipment at Mortimer Smelter
Applicant: Anglo American Platinum Limited
Meeting Title: Authority Meeting (Bojanala District Municipality)
Venue: Union Section
Date: 14 March 2017

Name	Company Name	Email	Tel	Signature
Anri Scheepers	WSP	anri.scheepers@wspgroup.co.za	082 701 7690 011 306 6089	
Thapelo Mathetga	BPDm	mathetgath@yahoo.com thapelo.m@bojanala.gov.za	0834968724	
Thetleng Monyeki	NW READ	lmonyeki@nuff.org	0833022635	
Dustin van Helsdingen	Anglo American		0834552765	
Faith Mugichi	Anglo American - Mortimer Smelter	shonani.mugichi@angloamerican.com	076 2965502	
Gerrit de Lunde	ANGLO RAT	gerritd@angloplat.com	0784603304	
R. Sekhula	Anglo	Rirhandzu.Sekhula@anglo	083 7610553	

Appendix B - Presentation

MEETING NOTES

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Appendix A – Attendance Register

Appendix B - Presentation